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GENERAL INFORMATION

This Chart Supplement is a Civil Flight Information Publication updated every eight weeks by the U.S. Department of Transportation, Federal Aviation Administration, Aeronautical Information Services, <http://www.faa.gov/go/ais>. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

The Airport/Facility Directory section contains all public-use airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this publication contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial-Intelligence Agency and is intended to provide reference data for military and/or joint use airports. Not all military data contained in this publication is applicable to civil users.

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*Airspace Information includes changes to preferred routes and graphic depictions on charts.

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THIS PUBLICATION COMPRISES PART OF THE FOLLOWING SECTIONS OF THE UNITED STATES AERONAUTICAL INFORMATION PUBLICATION (AIP): GEN, ENR AND AD.

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CITY/MILITARY AIRPORT CROSS REFERENCE

Military airports are listed alphabetically by state and official airport name. The following city/military airport cross-reference listing provides alphabetical listing by state and city name for all military airport published in this directory.

STATE	CITY NAME	AIRPORT NAME
DE	DOVER.....	DOVER AFB
MA	FALMOUTH	CAPE COD CGAS
MA	SPRINGFIELD/CHICOPEE.....	WESTOVER ARB/METROPOLITAN
MD	CAMP SPRINGS	JOINT BASE ANDREWS
MD	PATUXENT.....	PATUXENT RIVER NAS (TRAPNELL FLD)
MD	ABERDEEN.....	PHILLIPS AAF
NJ	LAKEHURST	LAKEHURST MAXFIELD FLD
NJ	WRIGHTSTOWN	JOINT BASE MCGUIRE DIX LAKEHURST
NY	FORT DRUM	WHEELER SACK AAF
PA	FORT INDIANTOWN GAP.....	MUIR AAF (FORT INDIANTOWN GAP)
VA	BLACKSTONE	ALLEN C PERKINSON BLACKSTONE AAF
VA	FORT A. P. HILL	A P HILL AAF (FORT A P HILL)
VA	FORT BELVOIR.....	DAVISON AAF
VA	FORT EUSTIS.....	FELKER AAF
VA	FORT LEE.....	FORT LEE HELIPAD NR 3
VA	HAMPTON.....	LANGLEY AFB
VA	NORFOLK.....	NORFOLK NS (CHAMBERS FLD)
VA	VIRGINIA BEACH	OCEANA NAS (APOLLO SOUCEK FLD)
VA	QUANTICO	QUANTICO MCAF (TURNER FLD)
VA	WALLOPS ISLAND.....	WALLOPS FLIGHT FACILITY
VA	WILLIAMSBURG	CAMP PEARY LNDG STRIP

SEAPLANE LANDING AREAS

The following locations have Seaplane Landing Areas (Waterways). See alphabetical listing for complete data on these facilities.

STATE	CITY NAME	FACILITY NAME
CT	EAST HADDAM	GOODSPEED
ME	ASHLAND	BRADFORD CAMPS SPB
ME	AUGUSTA	AUGUSTA
ME	BANGOR	LUCKY LANDING MARINA AND SPB
ME	CHESUNCOOK	CHESUNCOOK LAKE HOUSE SPB
ME	CHESUNCOOK	NUGENT CHAMBERLAIN LAKE
ME	EAST WINTHROP	LAKESIDE MARINA
ME	GREENVILLE	GREENVILLE SPB
ME	GREENVILLE JUNCTION	CURRIER'S
ME	JACKMAN	MOOSE RIVER
ME	LINCOLN	LINCOLN RGNL
ME	MILLINOCKET	MILLINOCKET
ME	MOUNT VERNON	SEVEN G S
ME	NAPLES	BRANDY POND
ME	NAPLES	LONG LAKE
ME	NORCROSS/MILLINOCKET	BUCKHORN CAMPS
ME	OLD TOWN	DEWITT FLD, OLD TOWN MUNI
ME	PATTEN	SHIN POND
ME	PORTAGE	PORTAGE LAKE MUNI
ME	PRESQUE ISLE	NORTHERN MAINE RGNL
ME	RANGELEY	RANGELEY LAKE
ME	SINCLAIR	LONG LAKE
ME	TURNER	TWITCHELL
ME	VAN BUREN	VAN BUREN
MD	BALTIMORE	ESSEX SKYPARK
MD	HAVRE DE GRACE	HAVRE DE GRACE
MA	HALIFAX	MONPONSETT POND
NH	ALTON BAY	ALTON BAY SPB
NJ	LITTLE FERRY	LITTLE FERRY
NY	LONG LAKE	LONG LAKE (HELMS)
NY	LONG LAKE	LONG LAKE SAGAMORE SPB AND MARINA
NY	NEW YORK	EVERS
NY	NEW YORK	NEW YORK SKYPORTS INC
NY	PORT WASHINGTON	SANDS POINT
NY	ROUND LAKE	ROUND LAKE
NY	ROUSES POINT	ROUSES POINT
NY	SCHUYLerville	GARNSEYS
PA	ESSINGTON	PHILADELPHIA
PA	SUNBURY	SUNBURY SPB
VA	CHESTER	MCLAUGHLIN SPB

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ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example—"req" may mean "request", "requesting", "requested", or "requests").

Abbreviation	Description	Abbreviation	Description
AG	air/ground	AM	Amplitude Modulation, midnight til noon
AAF	Army Air Field	AMC	Air Mobility Command
AAS	Airport Advisory Service	amdt.....	amendment
AB	Airbase	AMSL	Above Mean Sea Level
abm	abeam	ANGS	Air National Guard Station
ABn	Aerodrome Beacon	ant	antenna
abv	above	AOE.....	Airport/Aerodrome of Entry
ACC	Air Combat Command Area Control Center	AP	Area Planning
acft.....	aircraft	APAPI	Abbreviated Precision Approach Path Indicator
ACLS.....	Automatic Carrier Landing System	apch.....	approach
act	activity	apn.....	apron
ACWS	Aircraft Control and Warning Squadron	APP	Approach Control
ADA	Advisory Area	Apr	April
ADCC.....	Air Defense Control Center	aprx.....	approximate
ADCUS.....	Advise Customs	APU	Auxiliary Power Unit
addn	addition	apv, apvl	approve, approval
ADF	Automatic Direction Finder	ARB.....	Air Reserve Base
adj	adjacent	ARCAL (CANADA)	Aircraft Radio Control of Aerodrome Lighting
admin	administration	ARFF	Aircraft Rescue and Fire Fighting
ADR	Advisory Route	ARINC	Aeronautical Radio Inc
advs.....	advise	arrng.....	arrange
advsy	advisory	arpt	airport
AEIS.....	Aeronautical Enroute Information Service	arr	arrive
AER	approach end rwy	ARS	Air Reserve Station
AFA	Army Flight Activity	ARSA.....	Airport Radar Service Area
AFB	Air Force Base	ARSR.....	Air Route Surveillance Radar
afct.....	affect	ARTCC.....	Air Route Traffic Control Center
AFF	Aqueous Film Forming Foam	AS.....	Air Station
AFHP	Air Force Heliport	ASAP	as soon as possible
AFIS.....	Aerodrome Flight Information Service	ASDA.....	Accelerate-Stop Distance Available
afld	airfield	ASDE	Airport Surface Detection
AFOD	Army Flight Operations Detachment	ASDE-X	Airport Surface Detection Equipment-Model X
AFR	Air Force Regulation	asgn	assign
AFRC	Armed Forces Reserve Center/Air Force Reserve Command	ASL	Above Sea Level
AFRS	American Forces Radio Stations	ASOS	Automated Surface Observing System
AFS	Air Force Station	ASR.....	Airport Surveillance Radar
AFSS.....	Automated Flight Service Station	ASSC	Airport Surface Surveillance Capability
AFTN	Aeronautical Fixed Telecommunication Network	ASU	Aircraft Starting Unit
AG	Agriculture	ATA	Actual Time of Arrival
A-G, A-GEAR	Arresting Gear	ATC	Air Traffic Control
agcy	Agency	ATCC	Air Traffic Control Center
AGL	above ground level	ATCT	Airport Traffic Control Tower
AHP	Army heliport	ATD	Actual Time of Departure Along Track Distance
AID	Airport Information Desk	ATIS	Automatic Terminal Information Service
AIS	Aeronautical Information Services	ATS	Air Traffic Service
AL	Approach and Landing Chart	attn	attention
ALF	Auxiliary Landing Field	Aug	August
ALS.....	Approach Light System	auth.....	authority
ALSF-1	High Intensity ALS Category I configuration with sequenced Flashers (code)	auto.....	automatic
ALSF-2	High Intensity ALS Category II configuration with sequenced Flashers (code)	AUW	All Up Weight (gross weight)
alt.....	altitude	aux	auxiliary
altn	alternate	AVASI	abbreviated VASI
		avbl	available
		AvGas	Aviation gasoline
		avn	aviation
		AvOil.....	aviation oil

Abbreviation.....	Description
AWOS.....	Automatic Weather Observing System
AWSS.....	Automated Weather Sensor System
awt.....	await
awy.....	airway
az.....	azimuth
BA.....	braking action
BASH.....	Bird Aircraft Strike Hazard
BC.....	back course
bcn.....	beacon
bcst.....	broadcast
bdry.....	boundary
bldg.....	building
blkd.....	blocked
blo, blw.....	below
BOQ.....	Bachelor Officers Quarters
brg.....	bearing
btn.....	between
bus.....	business
byd.....	beyond
C.....	Commercial Circuit (Telephone)
CAC.....	Centralized Approach Control
cap.....	capacity
cat.....	category
CAT.....	Clear Air Turbulence
CCW or cntclkws.....	counterclockwise
ceil.....	ceiling
CERAP.....	Center Radar Approach Control
CG.....	Coast Guard
CGAF.....	Coast Guard Air Facility
CGAS.....	Coast Guard Air Station
CH, chan.....	channel
CHAPI.....	Chase Helicopter Approach Path Indicator
chg.....	change
cht.....	chart
cir.....	circle, circling
CIV, civ.....	Civil, civil, civilian
ck.....	check
CL.....	Centerline Lighting System
cl.....	class
clnc.....	clearance
clsd.....	closed
CNATRA.....	Chief of Naval Air Training
cnl.....	cancel
cntr.....	center
cntrl.....	centerline
Co.....	Company, County
CO.....	Commanding Officer
com.....	communication
cmd.....	command
Comdr.....	Commander
coml.....	commercial
compul.....	compulsory
comsn.....	commission
conc.....	concrete
cond.....	condition
const.....	construction
cont.....	continue
CONUS.....	Continental United States
convl.....	conventional
coord.....	coordinate
copter.....	helicopter
corr.....	correct
CPDLC.....	Controller Pilot Data Link Communication

Abbreviation.....	Description
crdr.....	corridor
cross.....	cross
CRP.....	Compulsory Reporting Point
crs.....	course
CS.....	call sign
CSTMS.....	Customs
CTA.....	Control Area
CTAF.....	Common Traffic Advisory Frequency
ctc.....	contact
ctl.....	control
CTLZ.....	Control Zone
CVFR.....	Controlled Visual Flight Rules Areas
CW.....	Clockwise, Continuous Wave, Carrier Wave
dalgt.....	daylight
D-ATIS.....	Digital Automatic Terminal Information Service
daylt.....	daylight
db.....	decibel
DCL.....	Departure Clearance
Dec.....	December
decom.....	decommission
deg.....	degree
del.....	delivery
dep.....	depart
DEP.....	Departure Control
destn.....	destination
det.....	detachment
DF.....	Direction Finder
DH.....	Decision Height
DIAP.....	DoD Instrument Approach Procedure
direc.....	directional
disem.....	disseminate
displ.....	displace
dist.....	district, distance
div.....	division
DL.....	Direct Line to FSS
dtl.....	delete
dly.....	daily
DME.....	Distance Measuring Equipment (UHF standard, TACAN compatible)
DNVT.....	Digital Non-Secure Voice Telephone
DoD.....	Department of Defense
drct.....	direct
DSN.....	Defense Switching Network (Telephone)
DSN.....	Defense Switching Network
dsplcd.....	displaced
DT.....	Daylight Savings Time
dur.....	during
durn.....	duration
DV.....	Distinguished Visitor
E.....	East
ea.....	each
EAT.....	Expected Approach Time
ECN.....	Enroute Change Notice
EFAS.....	Enroute Flight Advisory Service
eff.....	effective, effect
E-HA.....	Enroute High Altitude
E-LA.....	Enroute Low Altitude
elev.....	elevation
ELT.....	Emergency Locator Transmitter
EMAS.....	Engineered Material Arresting System
emerg.....	emergency
eng.....	engine

Abbreviation	Description	Abbreviation	Description
EOR	End of Runway	govt	government
eqpt	equipment	GP	Glide Path
ERDA	Energy Research and Development Administration	Gp	Group
E-S	Enroute Supplement	GPI	Ground Point of Intercept
est	estimate	grad	gradient
estab	establish	grd	guard
ETA	Estimated Time of Arrival	GS	glide slope
ETD	Estimated Time of Departure	GWT	gross weight
ETE	Estimated Time Enroute	H	Enroute High Altitude Chart (followed by identification)
ETS	European Telephone System	H+	Hours or hours plus...minutes past the hour
EUR	European (ICAO Region)	H24	continuous operation
ev	every	HAA	Height Above Airport/Aerodrome
evac	evacuate	HAL	Height Above Landing Area
exc	except	HAR	Height Above Runway
excl	exclude	HAT	Height Above Touchdown
exer	exercise	haz	hazard
exm	exempt	hdg	heading
exp	expect	HDTA	High Density Traffic Airport/Aerodrome
extd	extend	HF	High Frequency (3000 to 30,000 KHz)
extn	extension	hgr	hangar
extv	extensive	hgt	height
F/W	Fixed Wing	hi	high
FAA	Federal Aviation Administration	HIRL	High Intensity Runway Lights
fac	facility	HIWAS	Hazardous Inflight Weather Advisory Service
FAWS	Flight Advisory Weather Service	HO	Service available to meet operational requirements
fax	facsimile	hol	holiday
FBO	Fixed Base Operator	HOLF	Helicopter Outlying Field
FCC	Flight Control Center	hosp	hospital
FCG	Foreign Clearance Guide	HQ	Headquarters
FCLP	field carrier landing practice	hr	hour
fcst	forecast	HS	Service available during hours of scheduled operations
Feb	February	hsg	housing
FIC	Flight Information Center	hvy	heavy
FIH	Flight Information Handbook	HW	Heavy Weight
FIR	Flight Information Region	hwy	highway
FIS	Flight Information Service	HX	station having no specific working hours
FL	flight level	Hz	Hertz (cycles per second)
fld	field	I	Island
fig	flashing	IAP	Instrument Approach Procedure
FLIP	Flight Information Publication	IAS	Indicated Air Speed
flt	flight	IAW	in accordance with
flw	follow	ICAO	International Civil Aviation Organization
FM	Fan Marker, Frequency Modulation	ident	identification
FOC	Flight Operations Center	IFF	Identification, Friend or Foe
FOD	Foreign Object Damage	IFR	Instrument Flight Rules
fone	telephone	IFR-S	FLIP IFR Supplement
FPL	Flight Plan	IFSS	International Flight Service Station
fpm	feet per minute	ILS	Instrument Landing System
fr	from	IM	Inner Marker
freq	frequency, frequent	IMC	Instrument Meteorological Conditions
Fri	Friday	IMG	Immigration
frng	firing	immed	immediate
FSC	Flight Service Center	inbd	inbound
FSS	Flight Service Station	Inc	Incorporated
ft	foot	incl	include
ft	fighter	incr	increase
GA	Glide Angle	indef	indefinite
gal	gallon	info	information
GAT	General Air Traffic (Europe-Asia)	inop	inoperative
GCA	Ground Control Approach	inst	instrument
GCO	Ground Communication Outlet		
gldr	glider		
GND	Ground Control		
gnd	ground		

Abbreviation.....	Description
instl.....	install
instr.....	instruction
int.....	intersection
intcntl.....	intercontinental
intcp.....	intercept
intl.....	international
intmt.....	intermittent
ints.....	intense, intensity
invof.....	in the vicinity of
irreg.....	Irregularly
Jan.....	January
JASU.....	Jet Aircraft Starting Unit
JATO.....	Jet Assisted Take-Off
JOAP.....	Joint Oil Analysis Program
JOSAC.....	Joint Operational Support Airlift Center
JRB.....	Joint Reserve Base
Jul.....	July
Jun.....	June
K or Kt.....	Knots
kHz.....	kilohertz
KIAS.....	Knots Indicated Airspeed
KLIZ.....	Korea Limited Identification Zone
km.....	Kilometer
kw.....	kilowatt
L.....	Compass locator (Component of ILS system) under 25 Watts, 15 NM, Enroute Low Altitude Chart (followed by identification)
L.....	Local Time
LAA.....	Local Airport Advisory
LAHSO.....	Land and Hold-Short Operations
L-AOE.....	Limited Airport of Entry
LAWRS.....	Limited Aviation Weather Reporting Station
lb, lbs.....	pound (weight)
LC.....	local call
lcl.....	local
LCP.....	French Peripheral Classification Line
lctd.....	located
lctn.....	location
lctr.....	locator
LCVASI.....	Low Cost Visual Approach Slope Indicator
lczr.....	localizer
LD.....	long distance
LDA.....	Landing Distance Available
ldg.....	landing
LDIN.....	Lead-in Lights
LDOCF.....	Long Distance Operations Control Facility
len.....	length
lgt, lgtd, lgts.....	light, lighted, lights
LIRL.....	Low Intensity Runway Lights
LLWAS.....	Low-Level Wind Shear Alert System
LLZ.....	Localizer (Instrument Approach Procedures Identification only)
LMM.....	Compass locator at Middle Marker ILS
lo.....	low
LoALT or LA.....	Low Altitude
LOC.....	Localizer
LOM.....	Compass locator at Outer Marker ILS
LR.....	Long Range, Lead Radial
LRA.....	Landing Rights Airport
LRRS.....	Long Range RADAR Station

Abbreviation.....	Description
LSB.....	lower side band
ltd.....	limited
M.....	meters, magnetic (after a bearing), Military Circuit (Telephone)
MACC.....	Military Area Control Center
mag.....	magnetic
maint.....	maintain, maintenance
maj.....	major
MALS.....	Medium Intensity Approach Lighting System
MALSF.....	MALS with Sequenced Flashers
MALSR.....	MALS with Runway Alignment Indicator Lights
Mar.....	March
MARA.....	Military Activity Restricted Area
MATO.....	Military Air Traffic Operations
MATZ.....	Military Aerodrome Traffic Zone
max.....	maximum
mb.....	millibars
MCAC.....	Military Common Area Control
MCAF.....	Marine Corps Air Facility
MCALF.....	Marine Corps Auxiliary Landing Field
MCAS.....	Marine Corps Air Station
MCB.....	Marine Corps Base
MCC.....	Military Climb Corridor
MCOLF.....	Marine Corps Outlying Field
MDA.....	Minimum Descent Altitude
MEA.....	Minimum Enroute Altitude
med.....	medium
MEHT.....	Minimum Eye Height over Threshold
mem.....	memorial
MET.....	Meteorological, Meteorology
METAR.....	Aviation Routine Weather Report (in international MET figure code)
METRO.....	Pilot-to-Metro voice cell
MF.....	Medium Frequency (300 to 3000 KHz), Mandatory Frequency (Canada)
MFA.....	Minimum Flight Altitude
mgmt.....	Management
mgr.....	manager
MHz.....	Megahertz
mi.....	mile
MID/ASIA.....	Middle East/Asia (ICAO Region)
MJI.....	Meaconing, Intrusion, Jamming, and Interference
Mil, mil.....	military
min.....	minimum, minute
MIRL.....	Medium Intensity Runway Lights
misl.....	missile
mkr.....	marker (beacon)
MM.....	Middle Marker of ILS
mnt.....	monitor
MOA.....	Military Operations Area
MOCA.....	Minimum Obstruction Clearance Altitude
mod.....	modify
MOG.....	Maximum (aircraft) on the Ground
Mon.....	Monday
MP.....	Maintenance Period
MR.....	Medium Range
MRA.....	Minimum Reception Altitude
mrk.....	mark, marker
MSAW.....	minimum safe altitude warning
msg.....	message
MSL.....	Mean Sea Level
msn.....	Mission

Abbreviation	Description	Abbreviation	Description
mt	mount, mountain	ODALS	Omnidirectional Approach Lighting System
MTAF	Mandatory Traffic Advisory Frequency	ODO	Operations Duty Officer
MTCA	Military Terminal Control Area	offl	official
mtlly	monthly	OIC	Officer In Charge
MUAC	Military Upper Area Control	OLF	Outlying Field
muni	municipal	OLS	Optical Landing System
MWARA	Major World Air Route Area	OM	Outer Marker, ILS
N	North	opr	operate, operator, operational
N/A	not applicable	OPS, ops	operations
NA	not authorized (For Instrument Approach Procedure take-off and alternate MINIMA only)	orig	original
NAAS	Naval Auxiliary Air Station	OROCA	Off Route Obstruction Clearance Altitude
NADC	Naval Air Development Center	ORTCA	Off Route Terrain Clearance Altitude
NADEP	Naval Air Depot	OT	other times
NAEC	Naval Air Engineering Center	OTS	out of service
NAES	Naval Air Engineering Station	outbd	outbound
NAF	Naval Air Facility	ovft	overflight
NALCO	Naval Air Logistics Control Office	ovrn	overnun
NALF	Naval Auxiliary Landing Field	OX	oxygen
NALO	Navy Air Logistics Office	P/L	plain language
NAS	Naval Air Station	PAC	Pacific (ICAO Region)
NAT	North Atlantic (ICAO Region)	PAEW	personnel and equipment working
natl	national	PALS	Precision Approach and Landing System (NAVY)
nav	navigation	PAPI	Precision Approach Path Indicator
navaid	navigation aid	PAR	Precision Approach Radar
NAVMTO	Navy Material Transportation Office	para	paragraph
NAWC	Naval Air Warfare Center	parl	parallel
NAWS	Naval Air Weapons Station	pat	pattern
NCRP	Non-Compulsory Reporting Point	PAX	Passenger
NDB	Non-Directional Radio Beacon	PCL	pilot controlled lighting
NE	Northeast	pent	penetrate
nec	necessary	perm	permanent
NEW	Net Explosives Weight	perms	permission
ngt	night	pers	personnel
NM	nautical miles	PFC	Porous Friction Courses
nml	normal	PJE	Parachuting Activities/Exercises
NMR	nautical mile radius	p-line	power line
No or Nr	number	PM	Post meridian, noon til midnight
NOLF	Naval Outlying Field	PMRF	Pacific Missile Range Facility
NORDO	Lost communications or no radio installed/available in aircraft	PMSV	Pilot-to-Metro Service
NOTAM	Notice to Airmen	PN	prior notice
Nov	November	POB	persons on board
npi	non precision instrument	POL	Petrol, Oils and Lubricants
Nr or No	number	posn	position
NS	Naval Station	PPR	prior permission required
NS ABTMT	Noise Abatement	prcht	parachute
NSA	Naval Support Activity	pref	prefer
NSF	Naval Support Facility	prev	previous
NSTD, nstd	nonstandard	prim	primary
ntc	notice	prk	park
NVD	Night Vision Devices	PRM	Precision Runway Monitor
NVG	Night Vision Goggles	pro	procedure
NW	Northwest	proh	prohibited
NWC	Naval Weapons Center	pt	point
O/A	On or about	PTD	Pilot to Dispatcher
O/S	out of service	pub	publication
O/R	On Request	publ	publish
OAT	Operational Air Traffic	PVASI	Pulsating Visual Approach Slope Indicator
obsn	observation	pvt	private
obst	obstruction	pwr	power
OCA	Oceanic Control Area	QFE	Altimeter Setting above station
ocnl	occasional		
Oct	October		

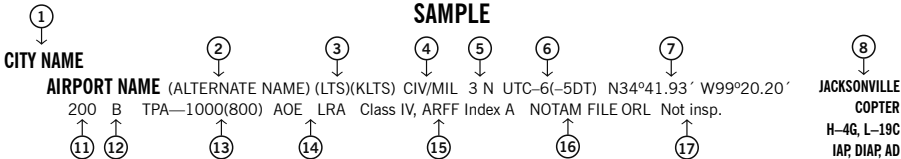
Abbreviation	Description	Abbreviation	Description
QNE	Altimeter Setting of 29.92 inches which provides height above standard datum plane	SAR	Search and Rescue
QNH.....	Altimeter Setting which provides height above mean sea level	Sat.....	Saturday
qtrs	quarters	SAVASI.....	Simplified Abbreviated Visual Approach Slope Indicator
quad.....	quadrant	SAWRS	Supplement Aviation Weather Reporting Station
R/T.....	Radiotelephony	sby	standby
R/W	Rotary/Wing	Sched.....	scheduled services
RACON	Radar Beacon	sctr	sector
rad	radius, radial	SDF	Simplified Directional Facility
RAIL.....	Runway Alignment Indicator Lights	SE	Southeast
RAMCC.....	Regional Air Movement Control Center	sec.....	second, section
R-AOE.....	Regular Airport of Entry	secd.....	secondary
RAPCON.....	Radar Approach Control (USAF)	SELCAL	Selective Calling System
RATCF	Radar Air Traffic Control Facility (Navy)	SELF.....	Strategic Expeditionary Landing Field
RCAG	Remote Center Air to Ground Facility	SEng.....	Single Engine
RCAGL	Remote Center Air to Ground Facility Long Range	Sep.....	September
RCL.....	runway centerline	SFA.....	Single Frequency Approach
RCLS.....	Runway Centerline Light System	sfc.....	surface
RCO	Remote Communications Outlet	SFL.....	Sequence Flashing Lights
rcpt	reception	SFRA.....	Special Flight Rules Area
RCR	Runway Condition Reading	SID	Standard Instrument Departure
rcv	receive	SIDA	Secure Identification Display Area
rcvr	receiver	SIF.....	Selective Identification Feature
rdo	radio	sked.....	schedule
reconst	reconstruct	SM.....	statute miles
reful	refueling	SOAP.....	Spectrometric Oil Analysis Program
reg	regulation, regular	SOF	Supervisor of Flying
REIL.....	Runway End Identifier Lights	SPB	Seaplane Base
rel	reliable	SR	sunrise
relctd	relocated	SRE.....	Surveillance Radar Element of GCA (Instrument Approach Procedures Identification only)
REP	Reporting Point	SS	sunset
req	request	SSALS/R.....	Simplified Short Approach Lighting System/with RAIL
RETIL	Rapid Exit Taxiway Indicator Light	SSB	Single Sideband
Rgn	Region	SSR	Secondary Surveillance Radar
Rgnl	Regional	STA.....	Straight-in Approach
rgt.....	right	std.....	standard
rgt tfc	right traffic	stn	station
rigd	realigned	stor	storage
RLLS	Runway Lead-in Light System	str-in	Straight-in
rmk	remark	stu	student
rng.....	range, radio range	subj	subject
RNP	Required Navigation Performance	sum	summer
RON	Remain Overnight	Sun.....	Sunday
Rot Lt or Bcn.....	Rotating Light or Beacon	sur.....	surround
RPI	Runway Point of Intercept	survl	survival, surveillance
rpt.....	report	suspd	suspended
rqr.....	require	svc.....	service
RR	Railroad	svcg	servicing
RRP	Runway Reference Point	SW	Southwest
RSC.....	Runway Surface Condition	sys.....	system
RSDU.....	Radar Storm Detection Unit	TA.....	Transition Altitude
RSE.....	Runway Starter Extension/Starter Strip	TAC.....	Tactical Air Command
RSRS	Reduced Same Runway Separation	TAF.....	Aerodrome (terminal or alternate) forecast in abbreviated form
rstd	restricted	TALCE.....	Tanker Aircraft Control Element
rte.....	route	TCA	Terminal Control Area
ruf.....	rough	TCH	Threshold Crossing Height
RVR	Runway Visual Range	TCTA.....	Transcontinental Control Area
RVSM	Reduced Vertical Separation Minima	TD	Touchdown
rwy	runway	TDWR	Terminal Doppler Weather Radar
S.....	South	TDZ	Touchdown Zone
S/D.....	Seadrome	TDZL.....	Touchdown Zone Lights
SALS	Short Approach Lighting System		

Abbreviation	Description	Abbreviation	Description
tfc.....	traffic	vcnty.....	vicinity
thld.....	threshold	VDF.....	Very High Frequency Direction Finder
thou.....	thousand	veh.....	vehicle
thru.....	through	vert.....	vertical
Thu.....	Thursday	VFR.....	Visual Flight Rules
til.....	until	VFR-S.....	FLIP VFR Supplement
tkf, tkof.....	take-off	VHF.....	Very High Frequency (30 to 300 MHz)
TLV.....	Transition Level	VIP.....	Very Important Person
tmpry.....	temporary	vis.....	visibility
TODA.....	Take-Off Distance Available	VMC.....	Visual Meteorological Conditions
TORA.....	Take-Off Run Available	VOIP.....	Voice Over Internet Protocol
TP.....	Tire Pressure	VOLMET.....	Meteorological Information for Aircraft in Flight
TPA.....	Traffic Pattern Altitude	VOT.....	VOR Receiver Testing Facility
TRACON.....	Terminal Radar Approach Control (FAA)	W.....	Warning Area (followed by identification), Watts, West, White
tran.....	transient	WCH.....	Wheel Crossing Height
trans.....	transmit	Wed.....	Wednesday
trml.....	terminal	Wg.....	Wing
trng.....	training	WIE.....	with immediate effect
trns.....	transition	win.....	winter
TRSA.....	Terminal Radar Service Area	WIP.....	work in progress
Tue.....	Tuesday	WSO.....	Weather Service Office
TV.....	Television	WSFO.....	Weather Service Forecast Office
TWEB.....	Transcribed Weather Broadcast	wk.....	week
twr.....	tower	wkd.....	weekday
twy.....	taxiway	wkly.....	weekly
UACC.....	Upper Area Control Center (used outside US)	wng.....	warning
UAS.....	Unmanned Aerial Systems	wo.....	without
UC.....	Under Construction	WSP.....	Weather System Processor
UCN.....	Urgent Change Notice	wt.....	weight
UDA.....	Upper Advisory Area	wx.....	weather
UDF.....	Ultra High Frequency Direction Finder	yd.....	yard
UFN.....	until further notice	yr.....	year
UHF.....	Ultra High Frequency (300 to 3000 MHz)	Z.....	Greenwich Mean Time (time groups only)
UIR.....	Upper Flight Information Region		
unauthd.....	unauthorized		
unavbl.....	unavailable		
unctl.....	uncontrolled		
unk.....	unknown		
unlgtd.....	unlighted		
unltd.....	unlimited		
unmrk.....	unmarked		
unmto.....	unmonitored		
unrel.....	unreliable		
unrstd.....	unrestricted		
unsatfy.....	unsatisfactory		
unsked.....	unscheduled		
unsvc.....	unserviceable		
unuse, unusbl.....	unusable		
USA.....	United States Army		
USAF.....	United States Air Force		
USB.....	Upper Side Band		
USCG.....	United States Coast Guard		
USMC.....	United States Marine Corps		
USN.....	United States Navy		
UTA.....	Upper Control Area		
UTC.....	Coordinated Universal Time		
V.....	Defense Switching Network (telephone, formerly AUTOVON)		
V/STOL.....	Vertical and Short Take-off and Landing aircraft		
VAL.....	Visiting Aircraft Line		
var.....	variation (magnetic variation)		
VASI.....	Visual Approach Slope Indicator		

**INTENTIONALLY
LEFT
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AIRPORT/FACILITY DIRECTORY LEGEND

SAMPLE



18 → RWY 18-36: H12004X200 (ASPH-CONC-GRVD)
 S-90, D-160, 2D-300 PCN 80 R/B/W/T HIRL CL
 RWY 18: RLLS. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36'.

19 → RWY 36: ALSF1. 0.4% down.
 RWY 09-27: H6000X150 (ASPH) MIRL
 RWY 173-353: H3515X150 (ASPH-PFC) AUW PCN 59 F/A/W/T
LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 18	09-27	6500
RWY 36	09-27	5400

20 → **RUNWAY DECLARED DISTANCE INFORMATION**
 RWY 18: TORA-12004 TODA-12004 ASDA-11704 LDA-11504
 RWY 36: TORA-12004 TODA-12004 ASDA-12004 LDA-11704

21 → **ARRESTING GEAR/SYSTEM**
 RWY 18 HOOK E5 (65° OVRN) BAK-14 BAK-12B (1650')
 BAK-14 BAK-12B (1087') HOOK E5 (74° OVRN) RWY 36

22 → **SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT ACTIVATE MALSR** Rwy 29, REIL Rwy 11, VASI Rwy 11, HIRL Rwy 11-29, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17-35—CTAF. **MILITARY—A-GEAR E-5** connected on dep end, disconnected on apch end.
JASU 3(AM32A-60) 2(A/M32A-86) FUEL J8(Mil)(NC-100, A)
FLUID W SP PRESAIR LOX OIL O-128 MAINT S1 Mon-Fri 1000-2200Z†
TRAN ALERT Avbl 1300-0200Z† svc limited weekends.

23 → **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200-0300Z†. Parachute Jumping. Deer invof arpt. Heavy jumbo jet training surface to 9000'. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

24 → **MILITARY REMARKS:** ANG PPR/Official Business Only. Base OPS DSN 638-4390, C503-335-4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

25 → **AIRPORT MANAGER:** (580) 481-5739

26 → **WEATHER DATA SOURCES:** AWOS-1 120.3 (202) 426-8000. LAWRS.

27 → **COMMUNICATIONS:** SFA CTAF 122.8 UNICOM 122.95 ATIS 127.25 273.5 (202) 426-8003 PTD 372.2
NAME FSS (ORL) on arpt. 123.65 122.65 122.2
NAME RCO 112.2T 112.1R (NAME RADIO)

Ⓡ **NAME APP/DEP CON 128.35 257.725 (1200-0400Z†)**
TOWER 119.65 255.6 (1200-0400Z†) GND CON 121.7 GCO 135.075 (ORLANDO CLNC) CLNC DEL 125.55
CPDLC D-HZWXR, D-TAXI, DCL (LOGON KMEM)
NAME COMD POST (GERONIMO) 311.0 321.4 6761 PMSV METRO 239.8 NAME OPS 257.5

28 → **AIRSPACE:** CLASS B See VFR Terminal Area Chart.

29 → **VOR TEST FACILITY (VOT):** 116.7

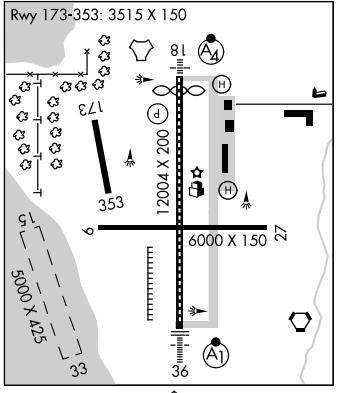
30 → **RADIO AIDS TO NAVIGATION:** NOTAM FILE ORL. VHF/DF ctc FSS.
 (H) VORTAC 112.2 MCO Chan 59 N28°32.55' W81°20.12' at fld. 1110/8E.
 (H) TACAN Chan 29 CBU (109.2) N28°32.65' W81°21.12' at fld. 1115/8E.
HERNY NDB (LOM) 221 OR N28°37.40' W81°21.05' 177° 5.4 NM to fld.
ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
ASR/PAR (1200-0400Z†)

31 → **COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
 HELIPAD H2: H60X60 (ASPH)
HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.

187 TPA 1000(813)
WATERWAY 15-33: 5000X425 (WATER)

SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.



All bearings and radials are magnetic unless otherwise specified. All mileages are nautical unless otherwise noted. All times are Coordinated Universal Time (UTC) except as noted. All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted. The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

10

SKETCH LEGEND

RUNWAYS/LANDING AREAS

- Hard Surfaced
- Metal Surface
- Sod, Gravel, etc.
- Light Plane,
- Ski Landing Area or Water
- Under Construction
- Closed
- Helicopter Landings Area
- Displaced Threshold
- Taxiway, Apron and Stopways . . .

MISCELLANEOUS BASE AND CULTURAL FEATURES

- Buildings
- Power Lines
- Fence
- Towers
- Wind Turbine.
- Tanks
- Oil Well
- Smoke Stack
- Obstruction
- Controlling Obstruction
- Trees
- Populated Places
- Cuts and Fills
- Cliffs and Depressions . . .
- Ditch
- Hill

RADIO AIDS TO NAVIGATION

- VORTAC
- VOR
- VOR/DME
- NDB
- TACAN
- NDB/DME
- DME

MISCELLANEOUS AERONAUTICAL FEATURES

- Airport Beacon
 - Wind Cone
 - Landing Tee
 - Tetrahedron
 - Control Tower or TWR
- When control tower and rotating beacon are co-located beacon symbol will be used and further identified as TWR.

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. (A1) Negative symbology, e.g., (A1) (V) indicates Pilot Controlled Lighting (PCL).

- Runway Centerline Lighting
- (A) Approach Lighting System ALSF-2 . .
- (A1) Approach Lighting System ALSF-1 . .
- (A2) Short Approach Lighting System SALS/SALSF
- (A3) Simplified Short Approach Lighting System (SSALR) with RAIL
- (A4) Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF)
- (A5) Medium Intensity Approach Lighting System (MALS) and RAIL
- (V) Omnidirectional Approach Lighting System (ODALS)
- (D) Navy Parallel Row and Cross Bar . . .
- (F) Air Force Overrun
- (V) Visual Approach Slope Indicator with Standard Threshold Clearance provided
- (V2) Pulsating Visual Approach Slope Indicator (PVASI)
- (V3) Visual Approach Slope Indicator with a threshold crossing height to accommodate long bodied or jumbo aircraft
- (V4) Tri-color Visual Approach Slope Indicator (TRCV)
- (V5) Approach Path Alignment Panel (APAP)
- (P) Precision Approach Path Indicator (PAPI)

LEGEND

This directory is a listing of data on record with the FAA on public-use airports, military airports and selected private-use airports specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Civil airports and joint Civil/Military airports which are open to the public are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name and cross-referenced by associated city name. Nav aids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an airport as open to the public in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the airport conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military airports, private-use airports, and private-use (limited civil access) joint Military/Civil airports are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint Civil/Military airports which are open to the public are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code, when assigned, to airports. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private-use airports. The operating agency is shown for military, private-use and joint use airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	MIL/CIV	Joint Use Military/Civil Limited Civil Access
AF	US Air Force	N	Navy
ANG	Air National Guard	NAF	Naval Air Facility
AR	US Army Reserve	NAS	Naval Air Station
ARNG	US Army National Guard	NASA	National Air and Space Administration
CG	US Coast Guard	P	US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military Open to the Public	PVT	Private Use Only (Closed to the Public)
DND	Department of National Defense Canada		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 4 NE.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC-5(-4DT). The symbol ‡ indicates that during periods of Daylight Saving Time (DST) effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (-4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15–Aug 31 0630–1700Z, Sep 1–Apr 14 0600–1700Z.

7 GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

8 CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is located. Helicopter Chart locations will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be depicted as GOMW and GOMC.

9 INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5-4-5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each Chart Supplement volume alphabetically by associated city and airport name.

10 AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top. Airport sketches will be added incrementally.

11 ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00". When elevation is below sea level a minus "-" sign will precede the figure.

12 ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

13 TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

14 AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

U.S. CUSTOMS AIR AND SEA PORTS, INSPECTORS AND AGENTS

Northeast Sector (New England and Atlantic States—ME to MD)	407-975-1740
Southeast Sector (Atlantic States—DC, WV, VA to FL)	407-975-1780
Central Sector (Interior of the US, including Gulf states—MS, AL, LA)	407-975-1760
Southwest East Sector (OK and eastern TX)	407-975-1840
Southwest West Sector (Western TX, NM and AZ)	407-975-1820
Pacific Sector (WA, OR, CA, HI and AK)	407-975-1800

15 CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

AIRPORT/FACILITY DIRECTORY LEGEND

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90'	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H ₂ O
B	1 or 2	≥90', <126'	≥5	Index A + 1500 gal H ₂ O
		≥126', <159'	<5	
C	2 or 3	≥126', <159'	≥5	Index A + 3000 gal H ₂ O
		≥159', <200'	<5	
D	3	≥159', <200'	≥5	Index A + 4000 gal H ₂ O
		>200'	<5	
E	3	≥200'	≥5	Index A + 6000 gal H ₂ O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H₂O—Water; DC—Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

⑩ NOTAM SERVICE

All public use landing areas are provided NOTAM service. A NOTAM FILE identifier is shown for individual landing areas, e.g., "NOTAM FILE BNA". See the AIM, Basic Flight Information and ATC Procedures for a detailed description of NOTAMs. Current NOTAMs are available from flight service stations at 1-800-WX-BRIEF (992-7433) or online through the FAA PilotWeb at <https://pilotweb.nas.faa.gov>. Military NOTAMs are available using the Defense Internet NOTAM Service (DINS) at <https://www.notams.faa.gov>. Pilots flying to or from airports not available through the FAA PilotWeb or DINS can obtain assistance from Flight Service.

⑪ FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

⑫ RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND SURFACE TREATMENT

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt-concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat	(GRVL)—Gravel, or cinders	(SAND)—Sand
(AM2)—Temporary metal planks coated with nonskid material	(MATS)—Pierced steel planking, landing mats, membranes	(TURF)—Turf
(ASPH)—Asphalt	(PEM)—Part concrete, part asphalt	(TRTD)—Treated
(CONC)—Concrete	(PFC)—Porous friction courses	(WC)—Wire combed
(DIRT)—Dirt	(PSP)—Pierced steel plank	
(GRVD)—Grooved	(RFSC)—Rubberized friction seal coat	

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340-600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

- | | |
|--|--|
| <p>(1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.</p> <p>(2) The type of pavement:
R — Rigid
F — Flexible</p> <p>(3) The pavement subgrade category:
A — High
B — Medium
C — Low
D — Ultra-low</p> | <p>(4) The maximum tire pressure authorized for the pavement:
W — Unlimited, no pressure limit
X — High, limited to 254 psi (1.75 MPa)
Y — Medium, limited to 181 psi (1.25MPa)
Z — Low, limited to 73 psi (0.50 MPa)</p> <p>(5) Pavement evaluation method:
T — Technical evaluation
U — By experience of aircraft using the pavement</p> |
|--|--|

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military

service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.	SALS—Short Approach Lighting System.
LIRL—Low Intensity Runway Lights.	SALSF—Short Approach Lighting System with Sequenced Flashing Lights.
MIRL—Medium Intensity Runway Lights.	SSALS—Simplified Short Approach Lighting System.
HIRL—High Intensity Runway Lights.	SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.
RAIL—Runway Alignment Indicator Lights.	SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.
REIL—Runway End Identifier Lights.	ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.
CL—Centerline Lights.	ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.
TDZL—Touchdown Zone Lights.	ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.
ODALS—Omni Directional Approach Lighting System.	SF—Sequenced Flashing Lights.
AF OVRN—Air Force Overrun 1000' Standard Approach Lighting System.	OLS—Optical Landing System.
MALS—Medium Intensity Approach Lighting System.	WAVE—OFF.
MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.	
MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.	
RLLS—Runway Lead-in Light System	

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the "Remarks" portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint use airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.	
PNIL APAP on left side of runway	PNIR APAP on right side of runway
PAPI—Precision Approach Path Indicator	
P2L 2-identical light units placed on left side of runway	P4L 4-identical light units placed on left side of runway
P2R 2-identical light units placed on right side of runway	P4R 4-identical light units placed on right side of runway
PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.	
PSIL PVASI on left side of runway	PSIR PVASI on right side of runway
SAVASI—Simplified Abbreviated Visual Approach Slope Indicator	
S2L 2-box SAVASI on left side of runway	S2R 2-box SAVASI on right side of runway
TRCV—Tri-color visual approach slope indicator, normally a single light unit projecting three colors.	
TRIL TRCV on left side of runway	TRIR TRCV on right side of runway
VASI—Visual Approach Slope Indicator	
V2L 2-box VASI on left side of runway	V6L 6-box VASI on left side of runway
V2R 2-box VASI on right side of runway	V6R 6-box VASI on right side of runway
V4L 4-box VASI on left side of runway	V12 12-box VASI on both sides of runway
V4R 4-box VASI on right side of runway	V16 16-box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., -GA 3.5° TCH 37'.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-Off)

Available systems will be indicated in the Service section, e.g., **LGT** ACTIVATE HIRL Rwy 07-25, **MALSR** Rwy 07, and **VASI** Rwy 07-122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, "Basic Flight Information and ATC Procedures," for detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will be provided. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 31: Pole. Rgt t/c. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glide slope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end. Runway Visual Range shall be shown as "RVR" appended with "T" for touchdown, "M" for midpoint, and "R" for rollout; e.g., RVR-TMR.

19 LAND AND HOLD—SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold—Short Operations" These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold—short operations and markings.

20 RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take-off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take-off.

TODA—Take-off Distance Available. The length of the take-off run available plus the length of the clearway, if provided.

ASDA—Accelerate—Stop Distance Available. The length of the take-off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

21 ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a—gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A—Gear which has a bi—direction capability and can be utilized for emergency approach end engagement is indicated by a (B). Up to 15 minutes advance notice may be required for rigging A—Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI-DIRECTIONAL CABLE (B)

<u>TYPE</u>	<u>DESCRIPTION</u>
BAK-9	Rotary friction brake.
BAK-12A	Standard BAK-12 with 950 foot run out, 1—inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK-12B	Extended BAK-12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK-14	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
H	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one—half seconds to fully raise the cable.)

UNI-DIRECTIONAL CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>
MB60	Textile brake—an emergency one—time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5-1/E5-3	Chain Type. At USN/USMC stations E-5 A—GEAR systems are rated, e.g., E-5 RATING-13R-1100 HW (DRY), 31L/R-1200 STD (WET). This rating is a function of the A—GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Service/Military/A-Gear in the entry.

FOREIGN CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>US EQUIVALENT</u>
44B-3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E-5

UNI-DIRECTIONAL BARRIER

<u>TYPE</u>	<u>DESCRIPTION</u>
MA-1A	Web barrier between stanchions attached to a chain energy absorber.
BAK-15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK-15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

<u>TYPE</u>	<u>DESCRIPTION</u>
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

22 SERVICE

SERVICING—CIVIL

- | | |
|--|--|
| S1: Minor airframe repairs. | S5: Major airframe repairs. |
| S2: Minor airframe and minor powerplant repairs. | S6: Minor airframe and major powerplant repairs. |
| S3: Major airframe and minor powerplant repairs. | S7: Major powerplant repairs. |
| S4: Major airframe and major powerplant repairs. | S8: Minor powerplant repairs. |

FUEL

CODE	FUEL	CODE	FUEL
80	Grade 80 gasoline (Red)	B	Jet B, Wide-cut, turbine fuel without FS-II*, FP** minus 50° C.
100	Grade 100 gasoline (Green)	B+	Jet B, Wide-cut, turbine fuel with FS-II*, FP** minus 50° C
100LL	100LL gasoline (low lead) (Blue)	J4 (JP4)	(JP-4 military specification) FP** minus 58° C.
115	Grade 115 gasoline (115/145 military specification) (Purple)	J5 (JP5)	(JP-5 military specification) Kerosene with FS-II, FP** minus 46° C.
A	Jet A, Kerosene, without FS-II*, FP** minus 40° C.	J8 (JP8)	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47° C.
A+	Jet A, Kerosene, with FS-II*, FP** minus 40° C.	J8+100	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47° C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
A++	Jet A, Kerosene, with FS-II*, CI/LI#, SDA##, FP** minus 40° C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.	J	(Jet Fuel Type Unknown)
A1	Jet A-1, Kerosene, without FS-II*, FP** minus 47° C.	MOGAS	Automobile gasoline which is to be used as aircraft fuel.
A1+	Jet A-1, Kerosene with FS-II*, FP** minus 47° C.	UL91	Unleaded Grade 91 gasoline
		UL94	Unleaded Grade 94 gasoline

* (Fuel System Icing Inhibitor) ** (Freeze Point) # (Corrosion Inhibitors/Lubricity Improvers) ## (Static Dissipator Additive)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

OXYGEN—CIVIL

- | | |
|--------------------|--|
| OX 1 High Pressure | OX 3 High Pressure—Replacement Bottles |
| OX 2 Low Pressure | OX 4 Low Pressure—Replacement Bottles |

SERVICE—MILITARY

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

JET AIRCRAFT STARTING UNITS (JASU)—MILITARY

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non-availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to IO. 35-1-7.)

ELECTRICAL STARTING UNITS:

A/M32A-86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC-1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD-3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw
MD-4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire

AIR STARTING UNITS

AM32-95	150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia
AM32A-95	150 +/- 5 lb/min @ 49 +/- 2 psia (35 +/- 2 psig)
LASS	150 +/- 5 lb/min @ 49 +/- 2 psia
MA-1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC-1	15 cfm, 3500 psia
MC-1A	15 cfm, 3500 psia
MC-2A	15 cfm, 200 psia
MC-11	8,000 cu in cap, 4000 psig, 15 cfm

COMBINED AIR AND ELECTRICAL STARTING UNITS:

AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A-60*	AIR: 120 +/- 4 lb/min (1644 +/- 55 cfm) at 49 +/- 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A-60A	AIR: 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A-60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS:

NC-8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC-10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.

AIR STARTING UNITS:

GTC-85/GTE-85	120 lbs/min @ 45 psi.
MSU-200NAV/A/U47A-5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.

COMBINED AIR AND ELECTRICAL STARTING UNITS:

NCPP-105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.
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ARMY JASU

59B2-1B	28v, 7.5 kw, 280 amp.
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OTHER JASU

ELECTRICAL STARTING UNITS (DND):

CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22-35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22-35v, 500 amp continuous 1100 amp intermittent soft start

AIR STARTING UNITS (DND):

CA2	ASA 45.5 psig, 116.4 lb/min
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COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)

CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig
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ELECTRICAL STARTING UNITS (OTHER)

C-26	28v 45kw 115-200v 15kw 380-800 Hz 1 phase 2 wire
C-26-B, C-26-C	28v 45kw: Split Bus: 115-200v 15kw 380-800 Hz 1 phase 2 wire
E3	DC 28v/10kw

AIR STARTING UNITS (OTHER):

A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA-1	150 Air HP, 115 lb/min 50 psia
MA-2	250 Air HP, 150 lb/min 75 psia

CARTRIDGE:

MXU-4A	USAF
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AIRPORT/FACILITY DIRECTORY LEGEND

FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into-Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into-Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into-Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into-Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into-Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at https://cis.energy.dla.mil/ip_cis/. See legend item 14 for fuel code and description.

SUPPORTING FLUIDS AND SYSTEMS—MILITARY

CODE

ADI	Anti-Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water-Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De-Ice	Anti-icing/De-icing/Defrosting Fluid (MIL-A-8243).

OXYGEN:

LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
OXRB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT	Low pressure nitrogen servicing.
HPNIT	High pressure nitrogen servicing.
LHNIT	Low and high pressure nitrogen servicing.

OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
O-113	1065, Reciprocating Engine Oil (MIL-L-6082)
O-117	1100, Reciprocating Engine Oil (MIL-L-6082)
O-117+	1100, O-117 plus cyclohexanone (MIL-L-6082)
O-123	1065, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type III)
O-128	1100, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type II)
O-132	1005, Jet Engine Oil (MIL-L-6081)
O-133	1010, Jet Engine Oil (MIL-L-6081)
O-147	None, MIL-L-6085A Lubricating Oil, Instrument, Synthetic
O-148	None, MIL-L-7808 (Synthetic Base) Turbine Engine Oil
O-149	None, Aircraft Turbine Engine Synthetic, 7.5c St
O-155	None, MIL-L-6086C, Aircraft, Medium Grade
O-156	None, MIL-L-23699 (Synthetic Base), Turboprop and Turbohaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn-around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN-AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

23 AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

24 MILITARY REMARKS

Joint Civil/Military airports contain both Airport Remarks and Military Remarks. Military Remarks published for these airports are applicable only to the military. Military and joint Military/Civil airports contain only Military Remarks. Remarks contained in this section may not be applicable to civil users. When both sets of remarks exist, the first set is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non-operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non-US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11-204, AR 95-27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on board are designated Code 6 or higher as explained in AFJMAN 11-213, AR 95-11, OPNAVINST 3722-8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

25 AIRPORT MANAGER

The phone number of the airport manager.

26 WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS-3 plus precipitation identification and intensity, and freezing rain occurrence;

AWOS—Automated Weather Observing System

AWOS-A—reports altimeter setting (all other information is advisory only).

AWOS-AV—reports altimeter and visibility.

AWOS-1—reports altimeter setting, wind data and usually temperature, dew point and density altitude.

AWOS-2—reports the same as AWOS-1 plus visibility.

AWOS-3—reports the same as AWOS-1 plus visibility and cloud/ceiling data.

AWOS-3P reports the same as the AWOS-3 system, plus a precipitation identification sensor.

AWOS-3PT reports the same as the AWOS-3 system, plus precipitation identification sensor and a thunderstorm/lightning reporting capability.

AWOS-3T reports the same as AWOS-3 system and includes a thunderstorm/lightning reporting capability.

See AIM, Basic Flight Information and ATC Procedures for detailed description of Weather Data Sources.

AWOS-4—reports same as AWOS-3 system, plus precipitation occurrence, type and accumulation, freezing rain, thunderstorm and runway surface sensors.

HIWAS—See RADIO AIDS TO NAVIGATION

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.

SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS, AWOS, or HIWAS followed by the frequency, identifier and phone number, if available.

27 COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in descending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Aeronautical Advisory Stations (UNICOM) or (AUNICOM), and Automatic Terminal Information Service (ATIS) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1-800-WX-BRIEF (1-800-992-7433). When the FSS is located on the field it will be indicated as "on arpt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available. FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation.

(See AIM, Para 4-1-9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90-42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies—Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

- 122.0 is assigned as the Enroute Flight Advisory Service frequency at selected FSS RADIO outlets.
- 122.2 is assigned as a common enroute frequency.
- 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
- 122.1 is the primary receive-only frequency at VOR's.
- Some FSS's are assigned 50 kHz frequencies in the 122-126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remotized facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only. In cases where communications frequencies are annotated with (R) or (E), (R) indicates Radar Capability and (E) indicates Emergency Frequency.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.

D-ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non-government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol **Ⓡ** indicates radar approach control.

TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four “key clicks” on the VHF radio to contact the appropriate ATC facility or six “key clicks” to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol **Ⓡ** indicates radar departure control.

CLNC DEL—Clearance Delivery.

CPDLC—Controller Pilot Data Link Communication. FANS ATC data communication capability from the aircraft to the ATC Data Link system.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control. Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot-to-Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as “Wx obsn svc 1900-0000Z” or “other times” may be used when no specific time is given. PMSV facilities manned by forecasters are considered “Full Service”. PMSV facilities manned by weather observers are listed as “Limited Service”.

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter “X” indicate frequency available on request.

Ⓣ AIRSPACE

Information concerning Class B, C, and part-time D and E surface area airspace shall be published with effective times, if available.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D).

Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part-time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:

AIRSPACE: CLASS C svc “times” ctc **APP CON** other times CLASS E:

or

AIRSPACE: CLASS D svc “times” other times CLASS E.

When a part-time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700’ or 1200’ AGL and may be determined by consulting the relevant VFR Sectional or Terminal Area Charts. This will be formatted as:

AIRSPACE: CLASS C svc “times” ctc **APP CON** other times CLASS G, with CLASS E 700’ (or 1200’) AGL & abv:

or

AIRSPACE: CLASS D svc “times” other times CLASS G with CLASS E 700’ (or 1200’) AGL & abv:

or

AIRSPACE: CLASS E svc “times” other times CLASS G with CLASS E 700’ (or 1200’) AGL & abv.

NOTE: AIRSPACE SVC “TIMES” INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part-time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part-time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.

Class E 700’ AGL (shown as magenta vignette on sectional charts) and 1200’ AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700’/1200’ AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

(29) VOR TEST FACILITY (VOT)

The VOT transmits a signal which provided users a convenient means to determine the operational status and accuracy of an aircraft VOR receiver while on the ground. Ground based VOTs and the associated frequency shall be shown when available. VOTs are also shown with identifier, frequency and referenced remarks in the VOR Receiver Check section in the back of this publication.

(30) RADIO AIDS TO NAVIGATION

The Airport/Facility Directory section of the Chart Supplement lists, by facility name, all Radio Aids to Navigation that appear on FAA, Aeronautical Information Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. All VOR, VORTAC, TACAN and ILS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as "NOTAM FILE IAD" and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS), Automated Weather Observing System (AWOS), and Hazardous Inflight Weather Advisory Service (HIWAS) will be shown when this service is broadcast over selected NAVAIDS.

NAVAID information is tabulated as indicated in the following sample:

				TACAN/DME Channel		Geographical Position		Site Elevation	Magnetic Variation		
NAME (L)	ABVORTAC	117.55	ABE	Chan 122(Y)	N40°43.60'	W75°27.30'	180° 4.1 NM to fld.	1110/8E	AWOS.	HIWAS.	
Class	Frequency	Identifier				Bearing and distance facility to center of airport		Automated Weather Observing System	Hazardous Inflight Weather Service		
			VOR unusable 020°--060° byd 26 NM blo 3,500'								
			Restriction within the normal altitude/range of the navigational aid (See primary alphabetical listing for restrictions on VORTAC and VOR/DME).								

Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the "Y" mode to receive distance information.

HIWAS—Hazardous Inflight Weather Advisory Service is a continuous broadcast of inflight weather advisories including summarized SIGMETs, convective SIGMETs, AIRMETs and urgent PIREPs. HIWAS is presently broadcast over selected VORs throughout the U.S.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part-time hours of operation will be shown.

AIRPORT/FACILITY DIRECTORY LEGEND

27

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

<u>SSV Class</u>	<u>Altitudes</u>	<u>Distance (NM)</u>
(T) Terminal	1000' to 12,000'	25
(L) Low Altitude	1000' to 18,000'	40
(H) High Altitude	1000' to 14,500'	40
	14,500' to 18,000'	100
	18,000' to 45,000'	130
	45,000' to 60,000'	100

NOTE: Additionally, (H) facilities provide (L) and (T) service volume and (L) facilities provide (T) service. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility.

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB _____	Automatic Weather Broadcast.
DF _____	Direction Finding Service.
DME _____	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y) _____	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS _____	Glide slope.
H _____	Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH _____	Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H-SAB _____	Non-directional radio beacons providing automatic transcribed weather service.
ILS _____	Instrument Landing System (voice, where available, on localizer channel).
IM _____	Inner marker.
LDA _____	Localizer Directional Aid.
LMM _____	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM _____	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH _____	Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MM _____	Middle marker.
OM _____	Outer marker.
S _____	Simultaneous range homing signal and/or voice.
SABH _____	Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF _____	Simplified Direction Facility.
TACAN _____	UHF navigational facility--omnidirectional course and distance information.
VOR _____	VHF navigational facility--omnidirectional course only.
VOR/DME _____	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC _____	Collocated VOR and TACAN navigational facilities.
W _____	Without voice on radio facility frequency.
Z _____	VHF station location marker at a LF radio facility.

AIRPORT/FACILITY DIRECTORY LEGEND

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance
Classification Code

FREQUENCY PAIRING TABLE

VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL
108.10	18X	108.55	22Y	111.05	47Y	114.85	95Y
108.30	20X	108.65	23Y	111.15	48Y	114.95	96Y
108.50	22X	108.75	24Y	111.25	49Y	115.05	97Y
108.70	24X	108.85	25Y	111.35	50Y	115.15	98Y
108.90	26X	108.95	26Y	111.45	51Y	115.25	99Y
109.10	28X	109.05	27Y	111.55	52Y	115.35	100Y
109.30	30X	109.15	28Y	111.65	53Y	115.45	101Y
109.50	32X	109.25	29Y	111.75	54Y	115.55	102Y
109.70	34X	109.35	30Y	111.85	55Y	115.65	103Y
109.90	36X	109.45	31Y	111.95	56Y	115.75	104Y
110.10	38X	109.55	32Y	113.35	80Y	115.85	105Y
110.30	40X	109.65	33Y	113.45	81Y	115.95	106Y
110.50	42X	109.75	34Y	113.55	82Y	116.05	107Y
110.70	44X	109.85	35Y	113.65	83Y	116.15	108Y
110.90	46X	109.95	36Y	113.75	84Y	116.25	109Y
111.10	48X	110.05	37Y	113.85	85Y	116.35	110Y
111.30	50X	110.15	38Y	113.95	86Y	116.45	111Y
111.50	52X	110.25	39Y	114.05	87Y	116.55	112Y
111.70	54X	110.35	40Y	114.15	88Y	116.65	113Y
111.90	56X	110.45	41Y	114.25	89Y	116.75	114Y
108.05	17Y	110.55	42Y	114.35	90Y	116.85	115Y
108.15	18Y	110.65	43Y	114.45	91Y	116.95	116Y
108.25	19Y	110.75	44Y	114.55	92Y	117.05	117Y
108.35	20Y	110.85	45Y	114.65	93Y	117.15	118Y
108.45	21Y	110.95	46Y	114.75	94Y	117.25	119Y

FREQUENCY PAIRING TABLE

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels.

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
2X	134.5	25X	108.80	36X	109.90	47X	111.00
2Y	134.55	25Y	108.85	36Y	109.95	47Y	111.05
11X	135.4	26X	108.90	37X	110.00	48X	111.10
11Y	135.45	26Y	108.95	37Y	110.05	48Y	111.15
12X	135.5	27X	109.00	38X	110.10	49X	111.20
12Y	135.55	27Y	109.05	38Y	110.15	49Y	111.25
17X	108.00	28X	109.10	39X	110.20	50X	111.30
17Y	108.05	28Y	109.15	39Y	110.25	50Y	111.35
18X	108.10	29X	109.20	40X	110.30	51X	111.40
18Y	108.15	29Y	109.25	40Y	110.35	51Y	111.45
19X	108.20	30X	109.30	41X	110.40	52X	111.50
19Y	108.25	30Y	109.35	41Y	110.45	52Y	111.55
20X	108.30	31X	109.40	42X	110.50	53X	111.60
20Y	108.35	31Y	109.45	42Y	110.55	53Y	111.65
21X	108.40	32X	109.50	43X	110.60	54X	111.70
21Y	108.45	32Y	109.55	43Y	110.65	54Y	111.75
22X	108.50	33X	109.60	44X	110.70	55X	111.80
22Y	108.55	33Y	109.65	44Y	110.75	55Y	111.85
23X	108.60	34X	109.70	45X	110.80	56X	111.90
23Y	108.65	34Y	109.75	45Y	110.85	56Y	111.95
24X	108.70	35X	109.80	46X	110.90	57X	112.00
24Y	108.75	35Y	109.85	46Y	110.95	57Y	112.05

AIRPORT/FACILITY DIRECTORY LEGEND

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
58X	112.10	77X	113.00	96X	114.90	115X	116.80
58Y	112.15	77Y	113.05	96Y	114.95	115Y	116.85
59X	112.20	78X	113.10	97X	115.00	116X	116.90
59Y	112.25	78Y	113.15	97Y	115.05	116Y	116.95
60X	133.30	79X	113.20	98X	115.10	117X	117.00
60Y	133.35	79Y	113.25	98Y	115.15	117Y	117.05
61X	133.40	80X	113.30	99X	115.20	118X	117.10
61Y	133.45	80Y	113.35	99Y	115.25	118Y	117.15
62X	133.50	81X	113.40	100X	115.30	119X	117.20
62Y	133.55	81Y	113.45	100Y	115.35	119Y	117.25
63X	133.60	82X	113.50	101X	115.40	120X	117.30
63Y	133.65	82Y	113.55	101Y	115.45	120Y	117.35
64X	133.70	83X	113.60	102X	115.50	121X	117.40
64Y	133.75	83Y	113.65	102Y	115.55	121Y	117.45
65X	133.80	84X	113.70	103X	115.60	122X	117.50
65Y	133.85	84Y	113.75	103Y	115.65	122Y	117.55
66X	133.90	85X	113.80	104X	115.70	123X	117.60
66Y	133.95	85Y	113.85	104Y	115.75	123Y	117.65
67X	134.00	86X	113.90	105X	115.80	124X	117.70
67Y	134.05	86Y	113.95	105Y	115.85	124Y	117.75
68X	134.10	87X	114.00	106X	115.90	125X	117.80
68Y	134.15	87Y	114.05	106Y	115.95	125Y	117.85
69X	134.20	88X	114.10	107X	116.00	126X	117.90
69Y	134.25	88Y	114.15	107Y	116.05	126Y	117.95
70X	112.30	89X	114.20	108X	116.10		
70Y	112.35	89Y	114.25	108Y	116.15		
71X	112.40	90X	114.30	109X	116.20		
71Y	112.45	90Y	114.35	109Y	116.25		
72X	112.50	91X	114.40	110X	116.30		
72Y	112.55	91Y	114.45	110Y	116.35		
73X	112.60	92X	114.50	111X	116.40		
73Y	112.65	92Y	114.55	111Y	116.45		
74X	112.70	93X	114.60	112X	116.50		
74Y	112.75	93Y	114.65	112Y	116.55		
75X	112.80	94X	114.70	113X	116.60		
75Y	112.85	94Y	114.75	113Y	116.65		
76X	112.90	95X	114.80	114X	116.70		
76Y	112.95	95Y	114.85	114Y	116.75		

31 COMM/NAV/WEATHER REMARKS: These remarks consist of pertinent information affecting the current status of communications, NAVAIDs and weather.

BRADLEY INTL (See WINDSOR LOCKS on page 41)

BRIDGEPORT

IGOR I SIKORSKY MEM (BDR)(KBDR) 3 SE UTC-5(-4DT) N41°09.81' W73°07.57'

9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BDR

RWY 11-29: H4761X150 (ASPH) S-30, D-108, 2S-137 HIRL

RWY 11: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Trees.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 55'. Thld dsplcd 364'. Road.
Rgt tfc.

RWY 06-24: H4677X100 (ASPH) S-30, D-106, 2S-135 HIRL

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 53'. Road.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 52'. Thld dsplcd 320'. Road.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	11-29	3700
RWY 11	06-24	3350

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-4677	TODA-4677	ASDA-4677	LDA-4677
RWY 11: TORA-4761	TODA-4761	ASDA-4761	LDA-4761
RWY 24: TORA-4677	TODA-4677	ASDA-4677	LDA-4357
RWY 29: TORA-4761	TODA-4761	ASDA-4761	LDA-4397

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd,
ACTIVATE REIL Rwy 06 and Rwy 24, PAPI Rwy 06, HIRL Rwy
06-24, REIL Rwy 11 and Rwy 29, PAPI Rwy 11, Rwy 29, HIRL Rwy
11-29 —CTAF.

AIRPORT REMARKS: Attended 1100-0500Z. Birds and wildlife frequently on and in/ov arpt. 120' pole .75 NM south of arpt unlgtd. PAEW adjacent to all operational sfcs dalgt hrs Apr through Oct. There may be standing water adjacent to all sfcs. Uneven sfcs left side of Rwy 29. Extensive helicopter ops sfc-10,000 ft 5-15 miles NW-NE, for tfc information when in/ov arpt ctc Sikorsky ops on 133.6 (1200-2130Z). Touch and go ldgs permitted 1200-0200Z. NS ABTMT procedures in effect 0200-1200Z. Rwy 11-29 clsd to all air carrier ops. Rwy 06-24 clsd to all air carrier ops. Avoid overflying residential areas NE and SE of arpt. Departing Rwy 24 avoid turns until 1/2 mile byd shoreline. TPA-1009(1000) for single engine, 1509(1500) all others. When winds are less than 5 kts requested use of Rwy 11 or Rwy 29. When the twr is clsd all engine runups are prohibited. However, if an acft rqrs nighttime engine maintenance, PPR from arpt manager is rqrd and the runups are to be performed on Twy G between Twy J and Twy K. Pilots are advised to use care in positioning their acft to prevent damage from prop wash to afd sign. Parking fee all acft after 2 hrs. Ldg fee all acft except solo students. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 203-576-8163**WEATHER DATA SOURCES:** ASOS 119.15 (203) 381-9453.**COMMUNICATIONS:** CTAF 120.9 ATIS 119.15 UNICOM 123.0

RCO 122.1R 108.8T 122.2 (BRIDGEPORT RADIO)

② **NEW YORK APP/DEP CON** 124.075 **CLNC DEL** 124.075 (when BDR twr clsd)**BRIDGEPORT TOWER** 120.9 (1130-0300Z) **GND CON** 121.75 **CLNC DEL** 121.75**AIRSPACE:** CLASS D svc 1130-0300Z; other times CLASS G.**VOR TEST FACILITY (VOT)** 109.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**BRIDGEPORT (L) VOR/DME** 108.8 BDR Chan 25 N41°09.64' W73°07.47' at fld. 9/12W.

VOR/DME unusable:

106°-120° byd 30 NM blo 2,500'

121°-130° byd 15 NM blo 3,000'

121°-130° byd 30 NM blo 2,200'

161°-180° byd 30 NM blo 1,300'

181°-260° byd 30 NM blo 2,500'

261°-359° blo 5,500'

261°-359° byd 30 NM

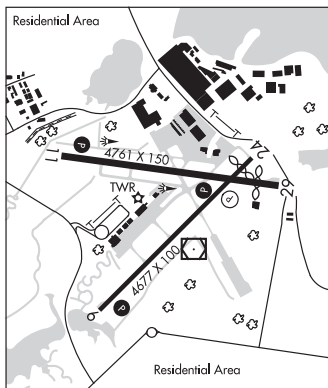
360°-105° byd 30 NM blo 3,000'

ILS/DME 110.7 I-BDR Chan 44 Rwy 06. Unmonitored when ATCT clsd. Glideslope unusable for coupled

approaches below 350'

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr. For Clnc Del when ATCT is clsd ctc New York Apch at

516-683-2963.

NEW YORK
COPTER
L-33B, 341
IAP AD

BRIDGEPORT N41°09.64' W73°07.47' NOTAM FILE BDR.
(L) VOR/DME 108.8 BDR Chan 25 at Igor I Sikorsky Mem. 9/12W.
 VOR/DME unusable:
 106°-120° byd 30 NM blo 2,500'
 121°-130° byd 15 NM blo 3,000'
 121°-130° byd 30 NM blo 2,200'
 161°-180° byd 30 NM blo 1,300'
 181°-260° byd 30 NM blo 2,500'
 261°-359° blo 5,500'
 261°-359° byd 30 NM
 360°-105° byd 30 NM blo 3,000'
RCO 122.1R 122.2 108.8T (BRIDGEPORT RADIO)

NEW YORK
 H-101, L-33B, 34I

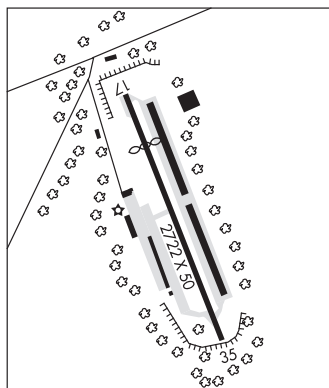
CANDLELIGHT FARMS (See NEW MILFORD on page 37)

CANDLELIGHT HELIPORT (See NEW MILFORD on page 37)

CHESTER (SNC)(KSNC) 3 SW UTC-5(-4DT) N41°23.02' W72°30.35'
 416 B NOTAM FILE SNC
RWY 17-35: H2722X50 (ASPH) S-8.5 MIRL(NSTD) 0.5% up S
RWY 17: REIL. Thld dsplcd 559'. Trees.
RWY 35: REIL. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** Rotating bcn opr 24 hrs.
AIRPORT REMARKS: Attended Apr-Oct 1400-0100Z†, Nov-Mar
 1400-2300Z‡. Self svc fuel avbl with credit card. Rwy 17 dsplcd thld
 marked but not lgtd, dsplcd thld 5' higher than end of rwy. Rwy 17-35
 NSTD MIRL.
AIRPORT MANAGER: 860-526-4321
WEATHER DATA SOURCES: AWOS-3 118.325 (860) 526-1551.
COMMUNICATIONS: CTAF/UNICOM 122.725
RCO 122.25 (BRIDGEPORT RADIO)
MADISON RCO 122.1R 110.4T (BRIDGEPORT RADIO)

NEW YORK
 L-33C, 34I
 IAP

® **NEW YORK APP/DEP CON** 124.075
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83'
 W72°41.53' 076° 9.4 NM to fld. 220/13W.
 DME unusable:
 330°-090° byd 30.ONM blo 4,000'
COMM/NAV/WEATHER REMARKS: Rwy 17-35 UNICOM frequency marked on
 rwy. For Cinc Del ctc New York Apch at 516-683-2963.



CLERA N41°22.94' W73°06.75' NOTAM FILE BDR.
NDB (MHW) 362 JWE 004° 5.9 NM to Waterbury-Oxford. 571/14W.

NEW YORK
 L-34

DANBURY MUNI (DXR)(KDXR) 3 SW UTC-5(-4DT) N41°22.29' W73°28.93'

NEW YORK

457 B TPA—See Remarks NOTAM FILE DXR

L-33B, 34I

RWY 08-26: H4422X150 (ASPH-GRVD) S-38, D-70, 2S-90 MIRL

IAP, AD

RWY 08: REIL. Thld dsplcd 367'. Trees.

RWY 26: REIL. Thld dsplcd 734'. Trees.

RWY 17-35: H3135X100 (ASPH) S-50, D-65, 2S-82

RWY 17: Thld dsplcd 223'. Pole.

RWY 35: Thld dsplcd 232'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE MIRL Rwy

08-26 and REIL Rwy 08 and Rwy 26 when twr clsd-119.4.

AIRPORT REMARKS: Attended 1200Z±-dusk. 24 hr self-serve fuel avbl. Deer

and birds on and in/ov arpt. Rwy 17-35 CLOSED nghts. Arpt CLOSED to

air carrier ops. Prohibited to ultralight and unregistered acft. Part 121

and 135 ops compute effective rwy lengths. All others be aware

remaining rwy length avbl after clearing controlling obstruction. Rws

08 and 26 may be insufficient depending on type acft. Intersection tkfs,

stop and go tkfs not authorized. Acft using Rwy 35 not visible from twr

descending below 1300' on base leg until approaching 1/2 mile final

due to natural terrain. TPA—1700 (1243), jet acft 2200 (1743). Noise

abatement procedures in effect ctc arpt manager 203-797-4624. PPR

for formation tkf/lgd, ctc arpt manager. Rotating bcn located one mile

south of arpt on top of a hill.

AIRPORT MANAGER: 203-797-4624

WEATHER DATA SOURCES: ASOS 127.75 (203) 791-8227. LAWRS.

COMMUNICATIONS: CTAF 119.4 ATIS 127.75 UNICOM 122.95

Ⓡ NEW YORK APP/DEP CON 126.4

TOWER 119.4 (1200-0300Z±) **GND CON** 121.6 **CLNC DEL** 128.6 (When DXR twr clsd)

AIRSPACE: CLASS D svc 1200-0300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CARMEL (L) VOR/DME 116.6 CMK Chan 113 N41°16.81' W73°34.88' 051° 7.1 NM to fld. 694/12W.

VOR unusable:

001°-141°

200°-225°

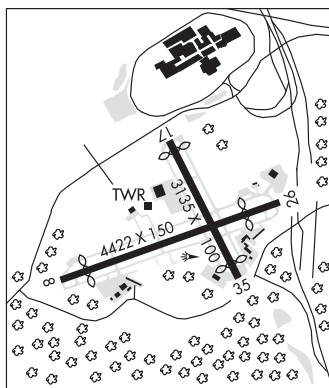
320°-330°

LOC/DME 111.55 I-DXR Chan 52(Y) Rwy 08. LOC unmonitored when ATCT clsd. Localizer offset angle 3.00 deg.

LOC unusable byd 20° right side of course. DME unusable byd 10 NM; and 10° right of course and byd 20° left of

course.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc New York Apch at 516-683-2849.



DANIELSON (LZD)(KLZD) 2 NW UTC-5(-4DT) N41°49.19' W71°54.06'

NEW YORK

238 B NOTAM FILE BDR

L-33C, 34I

RWY 13-31: H2700X75 (ASPH) S-29 MIRL

IAP

RWY 13: Tree.

RWY 31: REIL. Tree.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Unattended. Self svc fuel, credit card rqrd. Parachute

Jumping. Extensive parachute jumping activity SR-SS May thru Oct.

Glider activity on and in/ov arpt. Deer on and in/ov arpt. Ldgs and tkfs

on Rwy 13-31 only, no turf use authorized. Ldg fee for business,

corporate and revenue producing acft.

AIRPORT MANAGER: (860) 445-8549

WEATHER DATA SOURCES: AWOS-3 119.125 (860) 779-7251.

COMMUNICATIONS: CTAF/UNICOM 123.0

PUTNAM RCO 122.1R 117.4T (BRIDGEPORT RADIO)

Ⓡ PROVIDENCE APP/DEP CON 123.675 (1045-0500Z±)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z±)

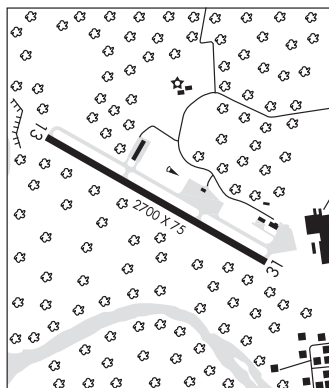
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 211° 8.5 NM to fld. 652/14W.

DME unusable:

265°-301° byd 36 NM blo 3,000'



EAST HADDAM**GOODSPEED** (42B) 1 SE UTC-5(-4DT) N41°26.74' W72°27.34'

NEW YORK

9 NOTAM FILE BDR

RWY 14-32: H2120X50 (ASPH) S-8 LIRL**RWY 14:** Trees.**RWY 32:** Trees.**SERVICE:** LGT Arpt lgts opr 24 hrs.**AIRPORT REMARKS:** Unattended. Caution for deer, birds and waterfowl on and invof arpt. Deer occasionally on rwy at ngt. Overnight parking fee. Ldg fee.**AIRPORT MANAGER:** (860) 615-9068**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2963.

.

WATERWAY 16W-34W: 4500X1000 (WATER)**WATERWAY 16W:** Bridge.**WATERWAY 34W:** Hill.**ELLINGTON** (7B9) 2 N UTC-5(-4DT) N41°55.53' W72°27.43'

NEW YORK

253 TPA—1253(1000) NOTAM FILE BDR

RWY 01-19: H1800X50 (ASPH) S-9 LIRL(NSTD)**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S4 FUEL 100LL LGT NSTD LIRL Rwy 01-19 oprs dusk-0500Z‡, after 0500Z‡ for NSTD LIRL Rwy 01-19 call 860-871-2054.**AIRPORT REMARKS:** Attended 1300-2300Z‡. Parachute Jumping. Extensive helicopter training ops. Rwy 01-19 rgt tfc for helicopters only. Rwy 01-19 NSTD LIRL due to spacing and color variation.**AIRPORT MANAGER:** 413-569-3928**COMMUNICATIONS:** CTAF/UNICOM 123.0**GOODSPEED** (See EAST HADDAM on page 33)

GROTON (NEW LONDON)**GROTON—NEW LONDON** (GON)(KGON) P (ARNG) 3 SE UTC-5(-4DT) N41°19.80'**NEW YORK**
H-101, 12K, L-33C, 341
IAP, AD

W72°02.71'

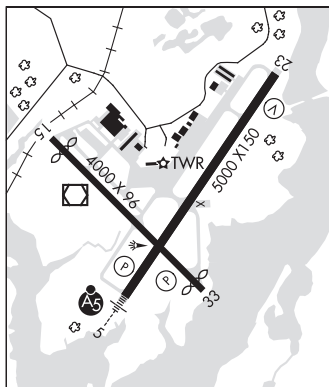
9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE GON

RWY 05-23: H5000X150 (ASPH-GRVD) S-90, D-113, 2S-143,
2D-200 PCN 46 F/C/X/T HIRL**RWY 05:** MALSR. PAPI(P4L)—GA 3.0° TCH 40'. RVR-T**RWY 23:** REIL. VASI(V4L)—GA 3.0° TCH 49'. RVR-R Tree.**RWY 15-33:** H4000X96 (ASPH-GRVD) S-90, D-113, 2S-143
PCN 12 R/C/X/T HIRL**RWY 15:** Thld dsplcd 307'. Tree.**RWY 33:** REIL. PAPI(P4L)—GA 3.75° TCH 34'. Thld dsplcd 205'.
Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-5000 TODA-5000 ASDA-5000 LDA-5000**RWY 15:** TORA-4000 TODA-4000 ASDA-3798 LDA-3491**RWY 23:** TORA-5000 TODA-5000 ASDA-5000 LDA-5000**RWY 33:** TORA-4000 TODA-4000 ASDA-3871 LDA-3666**ARRESTING GEAR/SYSTEM****RWY 05:** EMAS**RWY 23:** EMAS**SERVICE:** S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd

ACTIVATE HIRL Rwys 05-23 and 15-33, MALSR Rwy

05—CTAF. **MILITARY—A-GEAR** Rwy 05 EMAS 130' x 162'. Rwy 23 EMAS 340' x 162'. **FUEL** (NC-100LL, A. After hr fuel, call before 0200Z† day of arr C860-715-8800.)**AIRPORT REMARKS:** Attended 1100-0200Z†. For fuel after hrs call before 2100 lcl day of arr, 860-715-8800. Conditions not monitored from 1800 local to 0600 local, Monday through Friday, and from 1500 local to 0700 local, Saturday through Sunday. Deer, birds and waterfowl on and in/ov arpt. Tran pilots at general aviation ramp exit and re-enter arpt via pilot pedestrian gate adjacent to main terminal with posted gate lock combination. This gate is lgtd with electronic surveillance 24 hrs a day. Clsd to unscheduled air carrier ops with more than 30 pax seats exc 48 hr PPR call 860-250-4701. No touch and go ops are permitted btn 0300-1100Z†. Practice apchs/full-stop/touch and go lgds prohibited by pure jet act and acft weighing 12,500 lbs and over exc by written apvl from the Connecticut Arpt Authority. TPA-1009 (1000) lgt acft, 1509 (1500) turbojet and all turbine powered acft. No acft parking in arpt security zone on main ramp without prior authorization. NS ABTMT procedures in effect are as follows Rwy 05, turn left hdg 020° until reaching 1000', then on crs, Rwy 23, turn left hdg 210° until reaching 1000', then on crs, Rwy 33, fly rwy hdg until reaching 1000', then on crs. Terminal aerodrome forecast svc avbl. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl. U.S. Customs svc avbl with 6 hr PPR call Mon-Fri 1300-2100Z† on 203-773-2040 (or toll free in the U.S. 1-800-973-2867) and from Canada 407-975-1740. Call before 2000Z† on Fri for weekend or holiday svc requests.**AIRPORT MANAGER:** 860-445-8549**WEATHER DATA SOURCES:** ASOS (860) 449-8921 LAWRS.**COMMUNICATIONS:** CTAF 125.6 ATIS 127.0

RCO 122.1R 110.9T (BRIDGEPORT RADIO)

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045-0500Z†)**BOSTON CENTER APP/DEP CON** 124.85 (0500-1045Z†)**TOWER** 125.6 (1200-0300Z†) **GND CON** 121.65 **CLNC DEL** 121.65 119.85**AIRSPACE:** CLASS D svc 1200-0300Z† other times CLASS G.**VOR TEST FACILITY (VOT)** 110.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE GON.(T) **VOR/DME** 110.85 GON Chan 45(Y) N41°19.82' W72°03.12' at fld. 9/14W.VOR portion unusable:
241°-265° blo 5,000'DME unusable:
355°-019° blo 3,000'**ILS/DME** 111.3 I-GON Chan 50 Rwy 05. Class IT. Unmonitored when ATCT closed.**GROTON—NEW LONDON** (See GROTON (NEW LONDON) on page 34)

HARTFORD-BRAINARD (HFD)(KHFD) 3 SE UTC-5(-4DT) N41°44.20' W72°38.97'

NEW YORK

18 B TPA-1018(1000) NOTAM FILE HFD

L-33C, 34I

RWY 02-20: H4417X150 (ASPH-GRVD) S-30, D-43, 2D-70 HIRL

IAP, AD

RWY 02: REIL. PAPI(P4L)—GA 4.0° TCH 42'. Thld dsplcd 411'. Trees.

RWY 20: REIL. VASI(V4R)—GA 4.0° TCH 60'. Thld dsplcd 560'. Trees.

RWY 11-29: H2314X71 (ASPH) S-10 HIRL

RWY 11: Trees.

RWY 29: Thld dsplcd 265'. Trees.

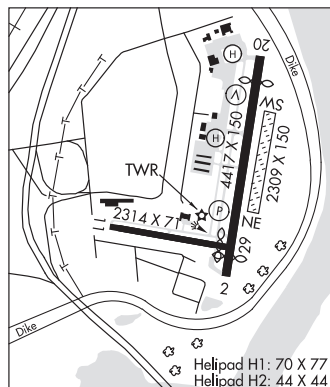
RWY NE-SW: 2309X150 (TURF)

RWY NE: Trees.

RWY SW: Trees.

SERVICE: S4 FUEL 100LL, JET A LGT PAPI Rwy 02 and VASI Rwy 20 on 24 hrs. When twr clsd ACTIVATE HIRL Rwy 02-20, REIL Rwy 02 and Rwy 20—CTAF.

AIRPORT REMARKS: Attended Mon-Fri continuously, Sat-Sun 1100-0400Z†. Birds and deer on and invof airport. Be alert, (HFD) is located on west side of river. There is a clsd arpt 1 mile east northeast of (HFD). Turf Rwy NE-SW clsd during winter months from Nov 2 to Apr 30 exc for ski-equipped acft and helicopter training. Arpt clsd to air carrier ops. 20' drop off departure end Rwy 20. Voluntary compliance requested, no touch and go ldg and practice instrument apch Mon-Sat 0300-1100Z† and Sun 0300-1400Z†. Arpt located in noise sensitive area and populated areas to south and west should be avoided. Apch/depart over river when possible. See Brainard twr letters to airmen. Rwy 02-20 grooving 130' wide. Ldg fee for business, corporate and revenue producing acft.



AIRPORT MANAGER: 860-566-7037

WEATHER DATA SOURCES: ASOS (860) 527-5837 HIWAS 114.9 HFD. LAWRS.

COMMUNICATIONS: CTAF 119.6 ATIS 126.45 UNICOM 122.95

Ⓡ BRADLEY APP/DEP CON 127.8

TOWER 119.6 (1100-0500Z†) GND CON 121.6 CLNC DEL 121.6

AIRSPACE: CLASS D svc 1100-0500Z† other times CLASS G.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

(L) VORW/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 334° 7.3 NM to fld. 849/13W. HIWAS.

LDA 109.7 I-HFD Rwy 02. LDA unmonitored when ATCT clsd.

HELIPAD H1: H70X77 (ASPH) MIRL

HELIPAD H2: H44X44 (ASPH) MIRL

HELIPORT REMARKS: Helipad H1 hangar (26' high at 290° west) 234' from helipad.

HARTFORD N41°38.47' W72°32.85' NOTAM FILE HFD.

NEW YORK

(L) VORW/DME 114.9 HFD Chan 96 334° 7.3 NM to Hartford-Brainard. 849/13W. HIWAS.

H-10I, 12I, L-33C, 34I

IGOR I SIKORSKY MEM (See BRIDGEPORT on page 30)**MADISON** N41°18.83' W72°41.53' NOTAM FILE BDR.

NEW YORK

(L) VOR/DME 110.4 MAD Chan 41 076° 9.4 NM to Chester. 220/13W.

H-10I, L-33C, 34I

DME unusable:

330°-090° byd 30.0NM blo 4,000'

RCO 122.1R 110.4T (BRIDGEPORT RADIO)

MARLBOROUGH**SALMON RIVER AIRFIELD** (9B8) 3 S UTC-5(-4DT) N41°35.37' W72°26.54'

NEW YORK

540 NOTAM FILE BDR

RWY 17-35: 2000X60 (TURF)

RWY 17: Trees. Rgt tfc.

RWY 35: Trees.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED SS-SR. Arpt CLOSED Dec 15-Apr 30. Personnel and equipment invof rwys and twys. All surfaces, rwy and twy, work in progress, maintenance.

AIRPORT MANAGER: (860) 883-4272

COMMUNICATIONS: CTAF 122.9

MERIDEN MARKHAM MUNI (MMK)(KMMK) 3 SW UTC-5(-4DT) N41°30.52' W72°49.77'

NEW YORK

103 B TPA—See Remarks NOTAM FILE MMK

L-33B, 341

RWY 18-36: H3100X75 (ASPH) S-30 MIRL

IAP

RWY 18: Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.5° TCH 38'. P-line.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 18-36 and REIL Rwy 36—CTAF.

AIRPORT REMARKS: Attended Mon-Sun 1400-0000Z. Self svc fuel, credit card only (all major cards accepted). Crane 150' AGL 1/4 mile northwest AER 18 dalgf hrs intermittent. Crane(s) 1/4 mile northwest arpt. PPR for jet. Rwy 36 no touch and go ldg. TPA fixed wing acft 1103(1000), helicopters 603(500). Std left tfc for both rwys. Calm wind Rwy 18. Rwy 36 VGSi and descent angles not coincident.

AIRPORT MANAGER: 203-630-2878

WEATHER DATA SOURCES: ASOS 134.925 (203) 639-9405.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **BRADLEY APP/DEP CON** 127.8

CLNC DEL 120.65

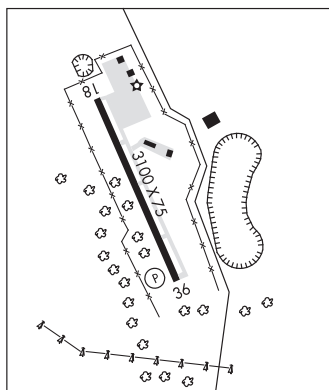
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83'

W72°41.53' 345° 13.2 NM to fld. 220/13W.

DME unusable:

330°-090° byd 30.0NM blo 4,000'



NEW HAVEN

TWEED-NEW HAVEN (HVN)(KHVN) 3 SE UTC-5(-4DT) N41°15.83' W72°53.21'

NEW YORK

12 B TPA—See Remarks LRA Class I, ARFF Index A NOTAM FILE HVN

H-101, 121, L-33B, 341

RWY 02-20: H5600X150 (ASPH-GRVD) S-110, D-160, 2S-175 HIRL

IAP, AD

RWY 02: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T Trees.

RWY 20: VASI(V4L)—GA 4.0° TCH 57'. RVR-R Thld dsplcd 352'. Trees.

RWY 14-32: H3626X100 (ASPH) S-30, D-60 MIRL

RWY 14: Thld dsplcd 361'. Trees.

RWY 32: PAPI(P4L)—GA 3.5° TCH 50'. Thld dsplcd 300'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-5600 TODA-5600 ASDA-5600 LDA-5600

RWY 14: TORA-3630 TODA-3630 ASDA-3392 LDA-3028

RWY 20: TORA-5600 TODA-5600 ASDA-5600 LDA-5248

RWY 32: TORA-3630 TODA-3630 ASDA-3630 LDA-3329

SERVICE: S4 **FUEL** 100LL, **JET A** **OX** 1, 3 **LGT** When twr clsd ACTIVATE HIRL Rwy 02-20, MALSF Rwy 02, MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1100-0300Z. Fuel avbl after hrs 203-467-9555. Wildlife frequently on or invof arpt. Rwy 14 clsd to jet ops and ngt ldg, Rwy 32 clsd to jet departures exc by prior permission 203-466-8844. Clsd to unscheduled air carrier ops with more than 19 passenger seats exc PPR call ops 203-466-8844. Touch and go ldg permitted 1200-0300Z Mon-Sat, 1300-0300Z Sun. Clsd to acft over 78 decibels 1200-0300Z, 73 decibels 0300-0500Z and 1100-1200Z, 68 decibels 0500-1100Z exc mil emerg and medical acft; PPR call 203-466-8844. Ldg helicopters use Twys A and G intersection. Standing water at intersection of Twy G and east ramp after heavy rain. PAEW adjacent to all operational sfcs dalgf hrs Apr-Oct. Noise abatement procedures in effect. Departing Rwy 20, rgt and left turn made after passing shoreline. TPA for single and light twin engine acft 1011 (999) and 1511 (1499) for all other acft. Avoid close-in base legs and short apchs ldg Rwy 14 and 20. Intersection departures are permitted when twr operational only to acft less than 12,500 lbs gross weight and only at the following intersections, Rwy 20 from Twy F has 4950' avbl, and Rwy 02 from Twy J has 4750' avbl, and Rwy 32 from Twy H has 2750' avbl. Tran parking on east ramp only. VASI Rwy 20 unusable by 7° left and 6° rgt of centerline. Ldg fee for all acft exc mil, government, emerg and medical. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 203-466-8833

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS (203) 466-6205 LAWRS.

COMMUNICATIONS: CTAF 124.8 ATIS 133.65 UNICOM 122.95

RCO 122.1R 109.8T (BRIDGEPORT RADIO)

® NEW YORK APP/DEP CON 124.075

TOWER 124.8 (1100-0300Z±) GND CON 121.7 CLNC DEL 121.7 (When twr clsd)

AIRSPACE: CLASS D svc 1100-0300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVN.

NEW HAVEN (T) VOR/DME 109.8 HVN Chan 35 N41°15.74' W72°53.11' at fld. 6/13W.

VOR/DME unusable:

070°-120° blo 6,000'

120°-070° byd 18 NM blo 2,700'

ILS/DME 109.1 I-HVN Chan 28 Rwy 02. Class IB.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc New York Apch at 516-683-2963.

NEW HAVEN N41°15.74' W72°53.11' NOTAM FILE HVN.

NEW YORK

(T) VOR/DME 109.8 HVN Chan 35 at Tweed-New Haven. 6/13W.

L-33B, 34I

VOR/DME unusable:

070°-120° blo 6,000'

120°-070° byd 18 NM blo 2,700'

RCO 122.1R 109.8T (BRIDGEPORT RADIO)

NEW MILFORD

CANDLELIGHT HELIPORT (6Y2) 2 W UTC-5(-4DT) N41°34.07' W73°27.64'

NEW YORK

675 NOTAM FILE BDR

HELIPAD H1: H50X50 (ASPH)

HELIPORT REMARKS: Unattended. Heliport clsd exc PPR call 860-354-4681. Helipad H1 28' building 135' east of pad.

AIRPORT MANAGER: 860-354-4681

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2849.

CANDLELIGHT FARMS (11N) 3 SW UTC-5(-4DT) N41°34.15' W73°27.73'

NEW YORK

675 NOTAM FILE BDR

RWY 17-35: 2900X50 (TURF) 0.9% up N

RWY 17: Hill.

RWY 35: Trees.

AIRPORT REMARKS: Attended dalgt hrs. Arpt clsd to helicopters and glider activity. Arpt clsd to touch and go ldg. Arpt clsd to tran. Experimental acft only by PPR 860-350-3577. Rwy 17-35 panel markers at each rwy end. Ldg fee. Overnight parking by PPR 860-350-3577. Fee for overnight parking.

AIRPORT MANAGER: 203-770-4373

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2849.

NORTHFIELD HELIPORT (See THOMASTON on page 39)

NORWICH N41°33.38' W71°59.96' NOTAM FILE BDR.

NEW YORK

(L) VOR/DME 110.0 ORW Chan 37 338° 13.9 NM to Windham. 310/14W.

H-10I, L-33C, 34I

RCO 122.1R 110.0T (BRIDGEPORT RADIO)

OXFORD

WATERBURY-OXFORD (OXC)(KOXC) 3 N UTC-5(-4DT) N41°28.71' W73°08.12'

NEW YORK

726 B TPA—See Remarks NOTAM FILE OXC

H-101, 12K, L-338, 341

RWY 18-36: H5800X100 (ASPH-GRVD) S-50, D-85, 2S-107,
2D-145 HIRL 0.8% up N

IAP, AD

RWY 18: VASI(V4L)—GA 3.0° TCH 44'. Thld dsplcd 300'. Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 56'. Thld dsplcd 500'. P-line.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA-5800 TODA-5800 ASDA-5300 LDA-5000

RWY 36: TORA-5800 TODA-5800 ASDA-5500 LDA-5000

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy
18-36—CTAF.

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ov arpt.

748' electric transmission twrs running NE to SW 0.2 miles north of middle marker. PAEW vicinity Rwy 18-36 safety zone summer only SR-SS (mowing in progress daily). Arpt clsd to air carrier ops. Touch and go ldgs and practice low apchs prohibited between 0400-1200Z. Practice low apch Rwy 36 not allowed when Rwy 18 is active. All sod areas clsd. Rwy 36 calm wind rwy. TPA for acft up to 12,500 lbs 1699 (973), acft over 12,500 lbs 2199 (1473). Twy B south of Twy G reflectors only. Twy D reflectors only. Ldg fee for business, corporate and revenue producing acft.

AIRPORT MANAGER: 203-264-8010

WEATHER DATA SOURCES: AWOS-3 132.975 (203) 262-1190.

COMMUNICATIONS: CTAF 118.475 ATIS 132.975 203-262-1190 UNICOM 122.95

Ⓡ NEW YORK APP/DEP CON 124.075 135.1 CLNC DEL 135.1 (when twr clsd)

TOWER 118.475 (1100-0200Z) **GND CON** 121.65 **CLNC DEL** 121.65

AIRSPACE: CLASS D svc 1100-0200Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83' W72°41.53' 309° 22.3 NM to fld. 220/13W.

DME unusable:

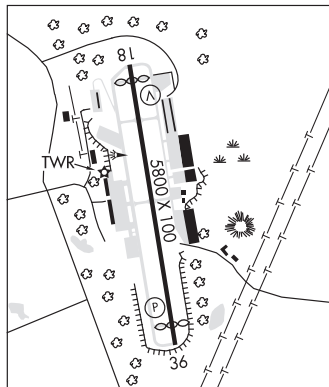
330°-090° byd 30.0NM blo 4,000'

CLERA NDB (MHW) 362 JWE N41°22.94' W73°06.75' 004° 5.9 NM to fld. 571/14W.

ILS/DME 109.55 I-OXC Chan 32(Y) Rwy 36. Class IB. Unmonitored. LOC unusable at thld abv 1,700'.

Glideslope unusable blo 965'.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc New York Apch at 516-683-2963.



PLAINVILLE

ROBERTSON FLD (4B8) 2 N UTC-5(-4DT) N41°41.36' W72°51.88'

NEW YORK

202 B TPA—See Remarks NOTAM FILE BDR

L-338, 341

RWY 02-20: H3665X75 (ASPH) S-25 MIRL 0.4% up N

IAP

RWY 02: REIL.

RWY 20: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A OX1 LGT REIL Rwy 02 and Rwy 20
opr when rwy lgts on high ints. ACTIVATE MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z, Sat-Sun
1300-2300Z. TPA for acft less than 12,500 lbs 1000(800), for acft
12,500 lbs and above 1500(1300). NS ABTMT procedure in effect.
Ctc 1-800-573-5519 or 860-747-5519 for details. Ldg fee for
commercial and corporate acft only.

AIRPORT MANAGER: 860-747-5519

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BRADLEY APP/DEP CON 123.95

CLNC DEL 134.5

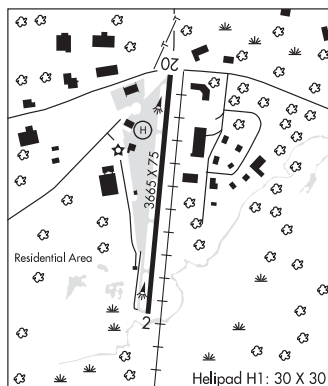
RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) VOR/DME 114.9 HFD Chan 96 N41°38.47'

W72°32.85' 295° 14.6 NM to fld. 849/13W. HIWAS.

• • • • •

HELIPAD H1: H30X30 (ASPH)



PUTNAM

TOUTANT (C44) 6 NW UTC-5(-4DT) N41°57.34' W72°03.26' **NEW YORK**
 770 NOTAM FILE BDR
RWY 17-35: H1756X60 (ASPH) RWY LGTS(NSTD) 0.9% up N
RWY 17: Trees.
RWY 35: Trees.
SERVICE: LGT For lgts call 860-974-2099.
AIRPORT REMARKS: Attended irregularly. Rwy 17-35 not plowed winter, no ski ops. Be alert for back-taxiing acft on rwy. NSTD lighting not L-800 series.
AIRPORT MANAGER: 860-974-2099
COMMUNICATIONS: CTAF 122.9

PUTNAM N41°57.33' W71°50.65' NOTAM FILE BDR. **NEW YORK**
(H) VOR/DME 117.4 PUT Chan 121 211° 8.5 NM to Danielson. 652/14W. **H-101, 11D, L-33C, 34J**
 DME unusable:
 265°-301° byd 36 NM blo 3,000'
RCO 122.1R 117.4T (BRIDGEPORT RADIO)

ROBERTSON FLD (See PLAINVILLE on page 38)

SALMON RIVER AIRFIELD (See MARLBOROUGH on page 35)

SIKORSKY HELIPORT (See STRATFORD on page 39)

SIMSBURY (4B9) 3 NE UTC-5(-4DT) N41°54.97' W72°46.62' **NEW YORK**
 195 NOTAM FILE BDR
RWY 03-21: H2205X50 (ASPH) S-25 MIRL(NSTD)
RWY 03: Trees.
RWY 21: Thld dspld 270'. Road.
SERVICE: S4 FUEL 100LL LGT Rwy 03-21 NSTD MIRL, thld lgts green/green. ACTIVATE MIRL Rwy 03-21—CTAF.
AIRPORT REMARKS: Attended 1330-2200Z±. Deer and birds frequently on and invof arpt, particularly in apch to Rwy 03. Rwy 03-21 safety barrier 15' northeast thld barricaded not lgtd. Rwy 03 has an up-hill grade.
AIRPORT MANAGER: 860-459-1575
COMMUNICATIONS: CTAF/UNICOM 122.7

SKYLARK AIRPARK (See WAREHOUSE POINT on page 40)

STRATFORD

SIKORSKY HELIPORT (JSD)(KJSD) 3 N UTC-5(-4DT) N41°15.20' W73°05.37' **NEW YORK**
AIRSPACE: CLASS D svc 0800-ss Mon-Sat other times CLASS G. **L-33B, 34I**

THOMASTON

NORTHFIELD HELIPORT (NØ9) 4 NW UTC-5(-4DT) N41°43.42' W73°06.94' **NEW YORK**
 903 NOTAM FILE BDR
HELIPAD H1: 100X100 (TURF)
HELIPORT REMARKS: Unattended. Heliport CLOSED indef. VFR only. Helipad H1 north apch obstructed by 30' trees 260' south of pad, apch ratio 8:1. South apch obstructed by 55' trees 500' north of pad, apch ratio 9:1.
AIRPORT MANAGER: 860-283-9632
COMMUNICATIONS: CTAF 122.9

TOUTANT (See PUTNAM on page 39)

TWEED-NEW HAVEN (See NEW HAVEN on page 36)

WAREHOUSE POINT**SKYLARK AIRPARK** (7B6) 2 E UTC-5(-4DT) N41°55.71' W72°34.58'**NEW YORK**
L-33C, 34I

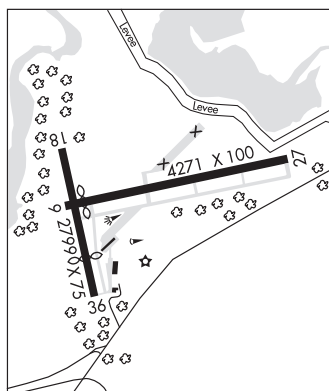
120 NOTAM FILE BDR

RWY 10-28: H3242X60 (ASPH) S-9 LIRL(NSTD)**RWY 10:** Thld dsplcd 600'. P-line.**RWY 28:** Thld dsplcd 175'. Trees.**SERVICE:** S4 FUEL 100LL LGT Arpt lgts OTS indef. Rwy 10-28 NSTD LIRL, first 175' east end not lgtd. ACTIVATE LIRL Rwy 10-28-122.8.**AIRPORT REMARKS:** Attended dalgt hrs. Call first for availability of fuel. No ngt touch and go ldg. Bring tiedown ropes. Rwy 10 sfc grvl prior to dsplcd thld. Rwy 10-28 thld markings not aligned properly and faded. Rwy 10-28 numerous cracks and bumps.**AIRPORT MANAGER:** (413) 537-5121**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE HFD.**HARTFORD (L) VOR/DME** 114.9 HFD Chan 96 N41°38.47' W72°32.85' 009° 17.3 NM to fld. 849/13W.
HIWAS.**WATERBURY** (N41) 4 N UTC-5(-4DT) N41°38.01' W73°02.81'**NEW YORK**

850 NOTAM FILE BDR

RWY 17-35: 2005X135 (TURF)**RWY 17:** Trees.**RWY 35:** Road.**RWY 02-20:** 1600X250 (TURF)**RWY 02:** Trees.**RWY 20:** Trees.**AIRPORT REMARKS:** Unattended. Poor drainage ldg/taxi AER 35 winter months and after heavy rain. Turf rwys are soft during wet periods.**AIRPORT MANAGER:** 203-775-1604**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2963.**WATERBURY-OXFORD** (See OXFORD on page 38)**WILLIMANTIC****WINDHAM** (JJD)(KJJD) 3 NE UTC-5(-4DT) N41°44.64' W72°10.81'**NEW YORK**
L-33C, 34I
IAP

246 B TPA-1246(1000) NOTAM FILE JJD

RWY 09-27: H4271X100 (ASPH) S-30 MIRL**RWY 09:** Thld dsplcd 258'. Trees.**RWY 27:** REIL. Tree.**RWY 18-36:** H2799X75 (ASPH) S-30 0.4% up S**RWY 18:** Trees.**RWY 36:** Thld dsplcd 799'. Trees.**SERVICE:** S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 09-27, REIL Rwy 27 opr 24 hrs-CTAF.**AIRPORT REMARKS:** Unattended. Self svc fuel credit card only. Jet A has over wing and single point nozzles. Birds on and in vof arpt. 4 obstruction lgts on surrounding hills OTS indef. Ldg fee for business, corporate and revenue producing acct.**AIRPORT MANAGER:** (860) 445-8549**WEATHER DATA SOURCES:** ASOS 133.675 (860) 456-8839.**COMMUNICATIONS:** CTAF/UNICOM 122.975**NORWICH RCO** 122.1R 110.0T (BRIDGEPORT RADIO)**BOSTON CENTER APP CON** 124.85 (0500-1045Z‡)Ⓡ **BRADLEY APP/DEP CON** 127.8**BRADLEY CLNC DEL** 128.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**NORWICH (L) VOR/DME** 110.0 ORW Chan 37 N41°33.38' W71°59.96' 338° 13.9 NM to fld. 310/14W.**LOC/DME** 108.35 I-JJD Chan 20(Y) Rwy 27. LOC unusable byd 20° right and left side of course. DME unusable byd 12 NM.**WINDHAM** (See WILLIMANTIC on page 40)

WINDSOR LOCKS

BRADLEY INTL (BDL)(KBDL) P (ANG ARNG) 3 W UTC-5(-4DT) N41°56.35'

NEW YORK

H-101, 11D, 12K, L-33C, 34I

W72°41.00'

IAP AD

173 B TPA—See Remarks LRA Class I, ARFF Index D NOTAM FILE BDL

RWY 06-24: H9510X200 (ASPH-GRVD) S-200, D-200, 2S-175, 2D-350, 2D/2D2-710 HIRL CL

RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Trees.

RWY 24: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Trees.

RWY 15-33: H6847X150 (ASPH-GRVD) S-200, D-200, 2S-175, 2D-350 HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 61'. RVR-R Trees.

RWY 33: MALSF. PAPI(P4R)—GA 3.0° TCH 72'. RVR-T Trees.

RWY 01-19: H4268X100 (ASPH) S-60, D-190, 2S-175, 2D-328 MIRL

RWY 01: Thld dsplcd 475'. Acft.

RWY 19: Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	01-19	6000
RWY 24	15-33	5850
RWY 33	06-24	4550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA-4268	TODA-4268	ASDA-4268	
RWY 06:	TORA-9509	TODA-9509	ASDA-9509	LDA-9509
RWY 15:	TORA-6847	TODA-6847	ASDA-6847	LDA-6847
RWY 19:				LDA-4268
RWY 24:	TORA-9509	TODA-9509	ASDA-9509	LDA-9509
RWY 33:	TORA-6847	TODA-6847	ASDA-6847	LDA-6847

SERVICE: S4 FUEL 100LL, JET A 0X1, 2, 3, 4 LGT Unmonitored when alfd lsd. Afld ops ltd to tenant acft when afld clsd.

MILITARY—JASU (MD)-3 FUEL A++ (Mii) A, A+ (C860-627-3300.) (NC-100LL) FLUID SP LOX OIL O-128-133-148 (Mil) SOAP

AIRPORT REMARKS: Attended continuously. Numerous birds freq on or invof arpt. No trng flts, no practice apchs, no touch and go lds btn Mon-Sat 0400-1200Z and Sun 0400-1700Z. Exc for taxiing, Rwy 01-19 open for acft with wingspan less than 79'. Rwy 01 clsd for arrivals to all fixed wing acft. Rwy 19 clsd for dep to all fixed wing acft. Twy J clsd btn Twy S and Twy R to acft with wingspans in excess of 171'. BASH Phase II increased bird activity Sep-Oct and Mar-Apr. Caution: ANG ramp markings may not be appropriate for large acft, follow marshalls instructions. KC35 acft use caution, fire hydrants are 33" and are less than 84' from taxilane cntrln. Solar panel farm located 1.5 miles south of Rwy 33 thld. Al aft overflight of solar farm will be at or above 500' AGL. Parallel twy ops on Twy C and Twy B rstd to acft with wingspan of 171' or less. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. TPA-1873(1700) heavy acft. Rwy 06 VGSI and glidepath not coincident. Rwy 24 VGSI and glidepath not coincident. Rwy 33 VGSI and glidepath not coincident. Cold temperature rstd arpt. Altitude correction required at or blo -23C. Afld mgr does not issue or store COMSEC for tran crews. Fixed wing acft use low idle for taxi, no engine checks or power runs allowed on the ARNG ramp due to possible FOD hazard. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl. Acft req U.S. CSTMS svc must park on the CSTMS spot with the nose of the acft facing SW. Ctc CSTMS at 860-292-1314 when parked. Ops ctc autovon 636-8385, coml 860-627-3001. NOTE: See Special Notices—Land and Hold Short Lights.

AIRPORT MANAGER: 860-292-2003

WEATHER DATA SOURCES: ASOS (860) 386-3480 WSP.

COMMUNICATIONS: D-ATIS 118.15 (860-386-3570) UNICOM 122.95

WINDSOR LOCKS RCO 122.3 (BRIDGEPORT RADIO)

BRADLEY APP/DEP CON 123.95 (061°-240°) 125.35 (241°-060°) 127.225

TOWER 120.3 GND CON 121.9 CLNC DEL 121.75

CPDLC (LOGON KBDL)

AIRSPACE: CLASS C svc ctc APP CON

VOR TEST FACILITY (VOT) 111.4

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) VOR/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 354° 18.9 NM to fld. 849/13W.

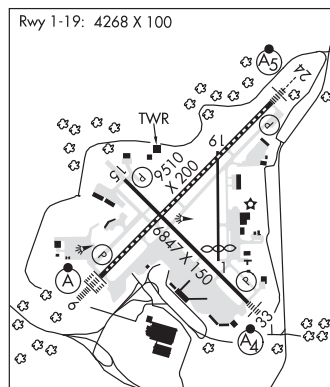
HIWAS.

ILS/DME 111.1 I-BDL Chan 48 Rwy 06. Class IIIE.

ILS/DME 111.1 I-MYQ Chan 48 Rwy 24. Class IIIE. DME unusable from 0.4 NM inbound to Rwy 24.

ILS/DME 108.55 I-IXK Chan 22(Y) Rwy 33. Class IE.

ASR



WINDSOR LOCKS N41°56.37' W72°40.49'
RCO 122.3 (BRIDGEPORT RADIO)

NEW YORK
L-33C, 34I

YALESVILLE HELIPORT (4C3) 2 N UTC-5(-4DT) N41°29.51' W72°48.67'

NEW YORK

65 B NOTAM FILE BDR

HELIPAD HI: H65X65 (CONC)

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE rotating bcn—123.50

HELIPORT REMARKS: Attended Mon-Fri 1330-2200Z, Sat 1400-2100Z. Call in advance for fuel 203-294-8800. Pilots unfamiliar with heliport ctc 203-294-8800 prior to arrival for a briefing on current procedures.

AIRPORT MANAGER: 203-294-8800

COMMUNICATIONS: CTAF/UNICOM 123.05

CHANDELLE ESTATES (See DOVER on page 43)

CHORMAN (See FARMINGTON on page 45)

DELAWARE AIRPARK (See DOVER/CHESWOLD on page 45)

DELAWARE COASTAL (See GEORGETOWN on page 46)

DELDOT HELISTOP HELIPORT (See DOVER on page 43)

DOVER

CHANDELLE ESTATES (ØN4) 3 NE UTC-5(-4DT) N39°12.14' W75°29.13' WASHINGTON

22 B NOTAM FILE MIV

RWY 04-22: H2533X28 (ASPH) LIRL

RWY 04: Thld dsplcd 539'. Trees.

RWY 22: Thld dsplcd 538'. Trees.

SERVICE: S4 FUEL 100LL, MOGAS LGT ACTIVATE LIRL Rwy 04-22 and rotating bcn—122.7.

AIRPORT REMARKS: Attended continuously. Heavy bird activity on and in/ov arpt Oct-Feb. Rwy 04 dsplcd thld marked with white line, dashed white lines leading to displaced thld is faded. Rwy 22 dsplcd thld marked with white line, dashed white lines leading to dsplcd thld is faded. Rwy 04-22 has vertical, horizontal and alligator cracking.

AIRPORT MANAGER: 302-736-3447

COMMUNICATIONS: CTAF/UNICOM 122.8

DELDOT HELISTOP HELIPORT (ØN5) 0 N UTC-5(-4DT) N39°08.97' W75°30.30' WASHINGTON

30 NOTAM FILE MIV

HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

SERVICE: LGT ACTIVATE perimeter lgts—CTAF.

HELIPORT REMARKS: Attended Mon-Fri 1300-2130Z±. Located ESE Dover. Unmarked/unlgtgd 40' P-lines 0.1 mile E. Ingress and egress is NW and SE, touchdown zone area 60'X60'.

AIRPORT MANAGER: 302-760-2119

COMMUNICATIONS: CTAF 122.9

DOVER AFB (DOV)(KDOV) MIL/CIV AF 3 E UTC-5(-4DT) N39°07.77' W75°27.96' **WASHINGTON**
 29 B TPA—See Remarks AOE Class IV, ARFF Index A NOTAM FILE DOV **H-101, 121, L-34F, A**
RWY 14-32: H12903X150 (ASPH-GRVD) PCN 82 R/B/W/T HIRL **DIAP, AD**
RWY 14: PAPI(P4L)—GA 3.0° TCH 78'. Thld dsplcd 4251'.
RWY 32: REIL. PAPI(P4L)—GA 2.93° TCH 69'.
RWY 01-19: H9602X150 (CONC) PCN 69 R/B/W/T HIRL CL
RWY 01: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-T
RWY 19: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-T
SERVICE: S4 **FUEL** JET A+ **OX** 2, 4 **MILITARY—LGT** Rwy 01-19 PAPI and ILS glidepaths not coincident exc for hgt gp 4 acft (A300, B1, B747/767/777, C5, DC10, E4, KC10, VC25). PAPI provides proper TCH for hgt gp 4 acft only. **JASU** (Adapters not avbl.) 3(MA-1A) (M32A-86) **FUEL A+ FLUID** SP PRESAIR LPOX **LOX OIL** O-133-148 SOAP **TRAN ALERT** Opr H24.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Non-DOD civ acft ops 72 hrs PPR by ctc (302) 736-6614. PPR exc AMC, Special Air Mission, DoD courier svc, and evacuation msn DSN 445-2861. All acft with hazardous material/rqr remote/isolated parking will ctc 436 airborne pulse search. Explosive Handling Section DSN 445-2304 1230-2130Z± or ATOC Duty Officer DSN 445-2300 2130-1230Z± for PPR. Base OPS DSN 445-2861/4192, C302-677-2861/4192. All inbound pax/cargo acft must ctc Comd Post no later than 30 min prior to ldg. Rwy 32 tkf distance avbl 10,070'. Acft taxiing out of main ramp using taxi lane btn Delta row and spot Echo must use minimum power and in-board engine only (C5 acft should not exceed 40 percent N1 RPM) when turning onto Twy A. **CAUTION** Possible jet wake turbulence in tfc pat and C5 jet blast dur gnd opr. High speed, low alt heavy jet tfc within 10 NM. Five civ arpt lctd within 10 NM radius. Special haz exist for wide body acft taxiing from ramp. Follow me truck rqr for all movements on ramp by non C5 tran acft, tran C5 follow me svc avbl on req. Tree line east of Rwy 19 apch end may cause wind shear during ldg when wind is from southeast. Breaking action less than optimum when rwy is wet due to rubber build-up. NSTD mrk-C17 star turn mrk lctd on Twy A at int of Twy D (2 white stripes 100' apart, 190' length x 1' wide. C17 backing demonstration zone mrk on Twy C btn Rwy 14-32 and Twy B. Mrk will be white and vary in width and geometry. **TFC PAT** TPA—Rectangular 1500(1471), overhead 2500(2471). Aero Club/lgt acft 1000(971).
NS ABTMT Strict compliance with procedure rqr. **MISC** Rwy Cond Code (RwyCC) not reported. USAF ARFF meets all emergencies response times. ARFF is Cat 6 firefighting agent (13K) level with NFPA Cat 10 staffing level (15). Sufficient capability is provided for initial response, scene assessment and implementation of mitigation tactics. All acft must understand interior firefighting and rescue svc could be potentially delayed. Twy D edge lgt 40' from twy edge between Rwy 32 hold line and Rwy 01-19. Rwy 32 first 2000', middle 1500' 1000' southeast of Twy C and last 1000' conc, remainder of rwy asph. First 4250' Rwy 14 and first 1650' Rwy 32 grvd conc, middle 7000' asph. Rwy 32 winds derived from AER 01. Rwy 14 winds derived from AER 19. ARFF steady state is optimum level of svc for all acft category with 12,900 gallons of agent and 18 persons. ARFF index applies only to the Dover Civil Air Patrol terminal. 72 hrs PPR is rqr for all civ acft ops that need to use the Dover Civil Air terminal, call 302-736-6614. Afd management has ltd amount of storage for classified material. Size ltd to small backpacks or smaller only. Base opr has ltd amount of storage for classified material, size ltd to small backpack or smaller only. Base OPS has no COMSEC to tran aircrews. Tran aircrews should plan to arrive with appropriate amount of COMSEC to complete entire msn. Rwy 32 assault ldg zone (ALZ) NSTD afd mark consisting of white box (500'X90') beginning 500' from thld with white bar 3000' from end of box. Afd is TERPS from sfc (grd level), DER crossing hgt 0'. B747 (all series) must arr with tow bar.
AIRPORT MANAGER: 302-677-4183
COMMUNICATIONS: D-ATIS 135.05 273.5 DSN 445-2847 269.125 **PTD** 372.2 (Thru Comd Post)
SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)
 (R) **APP CON** 132.425 135.15X 257.875 (VFR sequencing svc 25 NM out on 125.9 282.325)
TOWER 126.35 279.625 **GND CON** 118.875 225.4 **CLNC DEL** 125.55 289.4
 (R) **DEP CON** 134.425 257.875 323.0
COMD POST 349.4 **PMSV METRO** 342.0 Wx flt DSN 445-4175/4176, C302-677-4175/4176. If fcstr is out of office and does not answer on UHF ctc comd post DSN 445-4201, C302-677-4201 for fone patch. If fone patch fails, ctc fcstr on sby fone C302-363-7779. Jet Side service 1-stop shop prints Integrated FMS crew packages. Bldg obst may impact prevailing visibility 150°-260°. Dur evac of Wx Flt ctc 15 OWS at number above. Alternate wx location visibility slightly ltd due to bldg and parked acft. ATC will supplement obsn as needed.
AIRSPACE: CLASS D
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90' W75°30.96' 168° 6.6 NM to fld. 15/9W.
 TACAN AZIMUTH & DME unusable:
 140°-150° byd 36 NM blo 2,000'
 200°-300° byd 36 NM blo 3,000'
 VOR portion unusable:
 159°-169° blo 3,000'
 (T) **TACAN** Chan 37 DOV (110.0) N39°07.94' W75°28.04' at fld. 17/12W. NOTAM FILE DOV.
 No NOTAM MP: 1000-1400Z± Wed (2000/2+1)
ILS 109.95 I-DOV Rwy 01. Class IIE. ILS/radar: No NOTAM MP: 1100-1430Z± Mon, Tue, Thu, Fri(2,000/2+1).
 ILS/radar-ils: caution Rwy 19: ILS tch 43'. Hgt gp 4 (a300, b1, b747/767/777, c5, dc 10, e4, kc10, vc25) wch 18'.
ILS 111.9 I-LIR Rwy 19. Class IE. ILS WHEEL crossing height data: GROUP 4 (18.1ft).
COMM/NAV/WEATHER REMARKS: Radar No NOTAM MP Mon, Tue, Thu, Fri 0800-1100Z±.

DOVER/CHESWOLD

DELAWARE AIRPARK (33N) 1 W UTC-5(-4DT) N39°13.10' W75°35.80'

55 B TPA-911(856) NOTAM FILE MIV

RWY 09-27: H3582X60 (ASPH) S-13, D-18 MIRL 0.3% up W

RWY 09: Tree.

RWY 27: Thld dsplcd 349'. Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-3582 TODA-3582 ASDA-3232 LDA-3232

RWY 27: TORA-3582 TODA-3582 ASDA-3582 LDA-3232

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 09-27—CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. 24 hr self-svc credit card fuel avbl. Arpt conditions unmonitored between 2030-1230Z†. Deer and birds on and invof arpt. Mowing ops conducted Apr-Oct 1100-1800Z†. If your acft cannot opr at this arpt due to size or lack of facilities, an alternative is the Dover Civil Air Terminal located at Dover AFB. To use, 72 hr PPR call 302-735-5519. New rwy under construction 300' N of existing Rwy 09-27.

AIRPORT MANAGER: 302-735-5519

COMMUNICATIONS: CTAF/UNICOM 123.0

SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)

Ⓡ **DOVER APP/DEP CON** 132.425 **CLNC DEL** 125.55

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90'

W75°30.96' 267° 3.8 NM to fld. 15/9W.

TACAN AZIMUTH & DME unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR portion unusable:

159°-169° blo 3,000'

WASHINGTON

L-34F, A

IAP



DUPONT N39°40.69' W75°36.42' NOTAM FILE MIV.

(L) VORTAC 114.0 DQO Chan 87 at New Castle. 70/10W.

TACAN AZIMUTH & DME unusable:

040°-100° byd 25 NM blo 5,000'

210°-235° byd 30 NM blo 3,000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5,000'

310°-320° byd 35 NM blo 4,000'

VOR unusable:

025°-039° byd 25 NM

025°-039° byd 5 NM blo 10,000'

040°-120° byd 25 NM blo 4,000'

125°-225° blo 10,000'

225°-230° byd 15 NM blo 3,000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8,000'

300°-315° byd 35 NM blo 3,000'

355°-005° blo 3,000'

355°-005° byd 15 NM blo 4,000'

355°-005° byd 25 NM

RCO 122.1R 114.0T (MILLVILLE RADIO)

WASHINGTON

H-10I, L-34G, A

FARMINGTON

CHORMAN (D74) 2 SW UTC-5(-4DT) N38°50.97' W75°36.77'

66 B NOTAM FILE MIV

RWY 16-34: H3588X37 (ASPH) LIRL

RWY 16: REIL.

RWY 34: REIL. Pole.

SERVICE: S4 LGT For rotating bcn call 302-349-5055 or 645-9225. For LIRL Rwy 16-34 and REIL Rwy 16 and Rwy 34 call 302-349-5055 or 645-9225.

AIRPORT REMARKS: Attended Mon-Fri 1330Z†-dusk. AG spraying activity on and invof arpt. Rwy 16-34 large unsealed fsc cracks, alligator patches. Loading pad adjacent to east side Rwy 34.

AIRPORT MANAGER: 302-349-5055

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 286° 19.0 NM to fld. 5/9W.

DME unusable:

179°-293° byd 30 NM blo 2,000'

WASHINGTON

L-34F, 36I, A

FELTON**HENDERSON AVIATION** (ØN6) 2 NE UTC-5(-4DT) N39°00.77' W75°32.04'

WASHINGTON

50 NOTAM FILE MIV

RWY 15-33: 2048X40 (TURF)

RWY 15: Bldg.

RWY 33: Trees.

SERVICE: S4**AIRPORT REMARKS:** Attended Mon-Fri 1300-2200Z†.**AIRPORT MANAGER:** 410-535-2045**COMMUNICATIONS:** CTAF/UNICOM 123.0**GEORGETOWN****DELAWARE COASTAL** (GED)(KGED) 2 SE UTC-5(-4DT) N38°41.26' W75°21.56'

WASHINGTON

53 B NOTAM FILE GED

H-101, 121, L-34F, 361, A
IAP**RWY 04-22:** H5500X150 (ASPH-GRVD) S-50, D-175

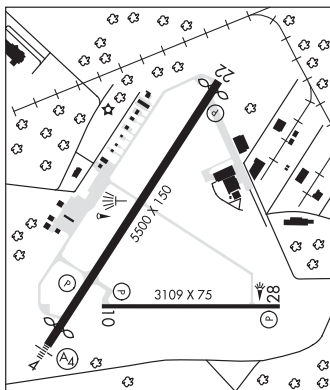
PCN 43 F/A/X/T MIRL

RWY 04: MALS. REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 370'. Trees.**RWY 22:** REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 170'. Trees.**RWY 10-28:** H3109X75 (ASPH) S-50, D-91 PCN 36 F/A/X/T MIRL**RWY 10:** REIL. PAPI(P2L)—GA 3.5° TCH 46'.**RWY 28:** REIL. PAPI(P2L)—GA 3.0° TCH 40'.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rws 04-22 and 10-28 and REIL Rwy 04, Rwy 22, Rwy 10 and Rwy 28—CTAF.
AIRPORT REMARKS: Attended 1300-2300Z†. Birds, deer, and other wildlife invof rws. PAEW within safety area of all rws and twys.**AIRPORT MANAGER:** 302-855-7774**WEATHER DATA SOURCES:** ASOS 118.375 (302) 856-2927.**COMMUNICATIONS:** CTAF/UNICOM 123.0**WATERLOO RCO** 122.1R 112.6T (MILLVILLE RADIO)Ⓡ **DOVER APP/DEP CON** 132.425 **CLNC DEL** 125.55**GCO** 125.55 (DOVER CLNC).**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**WATERLOO (L) VOR/DME** 112.6 ATR Chan 73 N38°48.59'

W75°12.68' 233° 10.1 NM to fld. 5/9W.

DME unusable:

179°-293° byd 30 NM blo 2,000'

**HADIN** N39°34.88' W75°36.84' NOTAM FILE ILG.

WASHINGTON

NDB (LOMW) 248 IL 013° 5.8 NM to New Castle. 21/10W.

L-34G

HENDERSON AVIATION (See FELTON on page 46)**JENKINS** (See WYOMING on page 50)

LAUREL (N06) 1 SW UTC-5(-4DT) N38°32.53' W75°35.66'

30 B NOTAM FILE MIV

RWY 15-33: 3175X270 (TURF)

RWY 15: REIL. Trees.

RWY 33: Thld dsplcd 270'. Tree.

SERVICE: S4 LGT ACTIVATE REIL Rwy 15 and rotating bcn—CTAF.

AIRPORT REMARKS: Attended 1300Z±-dusk. Parachute Jumping. Significant sky-diving ops seasonal to all but winter months. Rwy 33 dsplcd thld marked with 3 large orange cones each side.

AIRPORT MANAGER: (302) 875-3540

COMMUNICATIONS: CTAF/UNICOM 122.8

PATUXENT APP/DEP CON 127.95 (1200-0400Z± Mon-Fri, 1300-2300Z± Sat-Sun, clsd holidays. Other times by NOTAM) other times ctc

® **POTOMAC APP/DEP CON** 127.2

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) VORTAC 111.2 SBY Chan 49 N38°20.70'

W75°30.64' 354° 12.5 NM to fld. 48/12W.

VOR portion unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

111°-113° byd 19 NM blo 5,000'

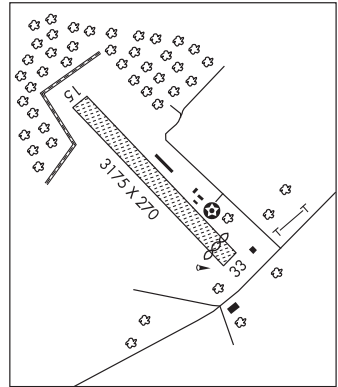
114°-120° byd 16 NM blo 5,000'

TACAN AZIMUTH & DME unusable:

009°-055° byd 30 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.

WASHINGTON
L-34F, 36J, A
IAP



MIDDLETOWN

SUMMIT (EVY)(KEYV) 5 N UTC-5(-4DT) N39°31.26' W75°43.42'

70 B NOTAM FILE MIV

RWY 17-35: H4488X65 (ASPH) MIRL

RWY 17: REIL. PAPI(P4R)—GA 4.0° TCH 56'. Trees.

RWY 35: REIL. PAPI(P4L)—GA 4.0° TCH 50'.

RWY 11-29: 3601X200 (TURF) LIRL

RWY 11: REIL. Tree.

RWY 29: REIL.

SERVICE: S4 FUEL 100LL, JET A OX2 LGT LIRL Rwy 11-29 OTS indef. REIL Rwy 11 and Rwy 29 OTS indef. ACTIVATE LIRL and REIL Rwy 11-29—123.5.

AIRPORT REMARKS: Attended 1200-0000Z±. Extensive medium/heavy helicopter training in progress all hrs on and invof arpt, high rotor down wash velocities. When CH47 helicopters opr, req advisories on UNICOM. South end of parking ramp and mid-fld twy clsd.

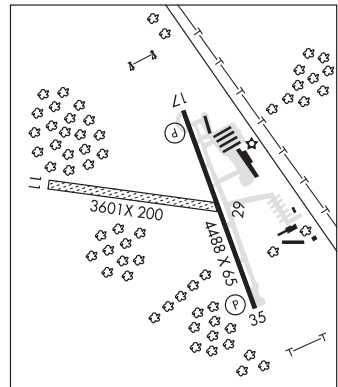
AIRPORT MANAGER: 302-834-5400

WEATHER DATA SOURCES: AWOS-3 132.325 (302) 378-2063.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **PHILADELPHIA APP/DEP CON** 118.35 CLNC DEL 125.3

WASHINGTON
L-34G, A
IAP



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RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.**DUPONT (L) VORTAC** 114.0 DQO Chan 87 N39°40.69' W75°36.42' 220° 10.9 NM to fld. 70/10W.

TACAN AZIMUTH & DME unusable:

040°-100° byd 25 NM blo 5,000'

210°-235° byd 30 NM blo 3,000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5,000'

310°-320° byd 35 NM blo 4,000'

VOR unusable:

025°-039° byd 25 NM

025°-039° byd 5 NM blo 10,000'

040°-120° byd 25 NM blo 4,000'

125°-225° blo 10,000'

225°-230° byd 15 NM blo 3,000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8,000'

300°-315° byd 35 NM blo 3,000'

355°-005° blo 3,000'

355°-005° byd 15 NM blo 4,000'

355°-005° byd 25 NM

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc PHL Apch at 757-363-5864.**NEW CASTLE** (See WILMINGTON on page 49)**SMYRNA** (38N) 1 E UTC-5(-4DT) N39°18.22' W75°35.03'

WASHINGTON

18 B TPA-818(800) NOTAM FILE MIV

RWY 10-28: 2600X125 (TURF) LIRL**RWY 10:** REIL. Trees.**RWY 28:** REIL. Trees.**SERVICE:** FUEL 100LL, MOGAS LGT ACTIVATE LIRL Rwy 10-28 dusk-0500Z†-CTAF.**AIRPORT REMARKS:** Attended irregularly. Migratory water fowl on and in vicinity of arpt Oct-Feb. Rwy 10-28 rolling sfc.**AIRPORT MANAGER:** 302-653-8314**COMMUNICATIONS:** CTAF/UNICOM 122.8**SMYRNA** N39°13.90' W75°30.96' NOTAM FILE MIV.

WASHINGTON

(L) VORTAC 111.4 ENO Chan 51 267° 3.8 NM to Delaware Airpark. 15/9W.

H-10I, L-34F, A

TACAN AZIMUTH & DME unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR portion unusable:

159°-169° blo 3,000'

RCO 122.1R 111.4T (MILLVILLE RADIO)**SUMMIT** (See MIDDLETOWN on page 47)**WATERLOO** N38°48.59' W75°12.68' NOTAM FILE MIV.

WASHINGTON

(L) VOR/DME 112.6 ATR Chan 73 233° 10.1 NM to Delaware Coastal. 5/9W.

H-10I, L-34F, 36I, A

DME unusable:

179°-293° byd 30 NM blo 2,000'

RCO 122.1R 112.6T (MILLVILLE RADIO)

WILMINGTON

NEW CASTLE (ILG)(KILG) P (ANG ARNG) 4 S UTC-5(-4DT) N39°40.72' W75°36.40'

WASHINGTON
H-101, 121, L-34G, A
IAP, AD

80 B LRA Class 1, ARFF Index B NOTAM FILE ILG

RWY 09-27: H7275X150 (ASPH-GRVD) S-90, D-140, 2S-175, 2D-250

PCN 55 F/A/W/T HIRL

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 60'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 01-19: H7012X150 (ASPH-GRVD) S-90, D-140, 2S-175, 2D-250

PCN 59 F/A/W/T HIRL

RWY 01: MALS. RVR-T Road.

RWY 19: REIL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-R Trees.

RWY 14-32: H4602X150 (ASPH) S-50, D-60 PCN 45 F/A/X/T MIRL

RWY 14: Trees.

RWY 32: VASI(V4L)—GA 3.0° TCH 28'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 01	09-27	4050
RWY 19	14-32	5750
RWY 32	09-27	3600

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7012 TODA-7012 ASDA-7012 LDA-7012
RWY 09: TORA-7275 TODA-7275 ASDA-7000 LDA-7000
RWY 14: TORA-4602 TODA-4602 ASDA-4602 LDA-4602
RWY 19: TORA-7012 TODA-7012 ASDA-7012 LDA-7012
RWY 27: TORA-7275 TODA-7275 ASDA-7000 LDA-7000
RWY 32: TORA-4602 TODA-4602 ASDA-4602 LDA-4602

ARRESTING GEAR/SYSTEM

RWY 19: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd ACTIVATE MALS. Rwy 01; REIL Rwy 09, Rwy 19 and Rwy 27; HIRL Rwy 01-19 and Rwy 09-27; MIRL Rwy 14-32—CTAF. PAPI Rwy 09, 19, 27 and VASI Rwy 32 on continuously.

AIRPORT REMARKS: Attended continuously. Birds on and in/ovf arpt. Rwy 09-27 no touch and go ldg for turbo jet 0400-1200Z. When twr clsd, pilots must announce intentions over CTAF before ldg, tkf or gnd travel on rwys and twys. When twr clsd announce emergencies on CTAF directly to ARFF station. Rwy 14-32 clsd to air carrier ops. Terminal apron clsd exc air carrier. Taxilane G permanently clsd between Hangar 142 and Hangar 176. Twy A compass rose calibration OTS. Private gnd vehicles cross Twy A between Twy A4 and Twy C. Taxilane G northwest of Twy H ltd to acft with wingspan of 79' or less. Taxilane G section between Twy H and Twy G1 ltd to acft with wingspan of 49' or less. Rwy 14-32 NSTD mil assault ldg zone (ALZ) lgtg. VGSI and descent angles not coincident. Ldg fee for all acft over 7,500 lbs exc federal government and Mil.

AIRPORT MANAGER: (302) 229-6315

WEATHER DATA SOURCES: ASOS (302) 328-1536

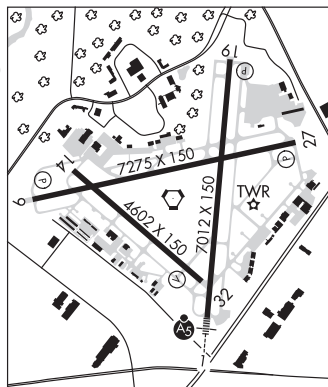
COMMUNICATIONS: CTAF 126.0 ATIS 123.95 UNICOM 122.95

DUPONT RCO: 122.1R 114.0T (MILLVILLE RADIO)

® PHILADELPHIA APP/DEP CON 118.35

WILMINGTON TOWER 126.0 (1130-0400Z) GND CON 121.7 CLNC DEL 119.95 (TF 800-354-9884)

AIRSPACE: CLASS D svc 1130-0400Z other times CLASS E.



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RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.42' at fld. 70/10W.

TACAN AZIMUTH & DME unusable:

040°-100° byd 25 NM blo 5,000'

210°-235° byd 30 NM blo 3,000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5,000'

310°-320° byd 35 NM blo 4,000'

VOR unusable:

025°-039° byd 25 NM

025°-039° byd 5 NM blo 10,000'

040°-120° byd 25 NM blo 4,000'

125°-225° blo 10,000'

225°-230° byd 15 NM blo 3,000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8,000'

300°-315° byd 35 NM blo 3,000'

355°-005° blo 3,000'

355°-005° byd 15 NM blo 4,000'

355°-005° byd 25 NM

HADIN NDB (LOMW) 248 IL N39°34.88' W75°36.84' 013° 5.8 NM to fld. 21/10W. NOTAM FILE ILG.

ILS 110.3 I-ILG Rwy 01. Class IA. LOM HADIN NDB.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc PHL Apch at 757-363-5864.

WYOMING

JENKINS (15N) 1 W UTC-5(-4DT) N39°07.04' W75°35.07'

WASHINGTON

53 B NOTAM FILE MIV

RWY 18-36: 2842X70 (TURF) LIRL

RWY 18: TRCV(TRIL). Trees.

RWY 36: TRCV(TRIL). Thld dsplcd 225'. Road.

RWY 12-30: 2035X70 (TURF) 0.4% up SE

RWY 12: Trees.

RWY 30: Road.

SERVICE: S4 LGT ACTIVATE LIRL Rwy18-36 and rotating bcn—122.7.

AIRPORT REMARKS: Attended continuously. Rwy 18 TRCV calibration unconfirmed. Rwy 36 TRCV calibration unconfirmed.

AIRPORT MANAGER: 302-697-7743

COMMUNICATIONS: CTAF/UNICOM 122.8

MANASSAS RGNL/HARRY P DAVIS FLD (See WASHINGTON on page 51)

RONALD REAGAN WASHINGTON NATIONAL (See WASHINGTON on page 52)

SOUTH CAPITOL STREET HELIPORT (See WASHINGTON on page 53)

WASHINGTON

MANASSAS RGNL/HARRY P DAVIS FLD (HEF)(KHEF) 28 WSW UTC-5(-4DT)

WASHINGTON

N38°43.26' W77°30.91'

COPTER

192 B TPA—See Remarks LRA NOTAM FILE HEF

H-10H, 12I, L-29E, 34E, 36I, A

RWY 16L-34R: H6200X100 (ASPH-GRVD) S-50, D-140 HIRL

IAP, AD

RWY 16L: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 34R: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 16R-34L: H3715X100 (ASPH) S-12.5 MIRL 0.3% up N

RWY 16R: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Rgt tfc.

RWY 34L: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 4 LGT When ATCT clsd
 ACTIVATE HIRL Rwy 16L-34R, MALSR Rwy 16L, MALSF Rwy 34R, MIRL Rwy 16R-34L, and REILS Rwy 16R and Rwy 34L—CTAF.

AIRPORT REMARKS: Attended 1130-0330Z†. Birds and deer on and in/ov arpt. Helicopter ops over residential areas blo 1000' should be avoided, ctc arpt manager 703-361-1882 for information. TPA—1200(1008) single engine and light twin acft, 1500(1308) med twin and turboprop acft, 1000(808) helicopter. U.S. Customs avbl Mon-Sun 1000-0400Z†. Call Command Center 703-661-2800 for appointment. 24 hr notice required. All weekend flights must be arranged before 2200Z† on Fri before.

AIRPORT MANAGER: 703-361-1882

WEATHER DATA SOURCES: AWOS-3PT (703) 361-6160

COMMUNICATIONS: CTAF 133.1 ATIS 125.175 (703) 361-6160

Ⓡ **POTOMAC APP/DEP CON** 128.525

TOWER 133.1 (1130-0330Z†) **GND CON** 121.8

CLNC DEL 120.2 (When twr clsd)

AIRSPACE: CLASS D svc 1130-0330Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VOR/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 198° 13.0 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

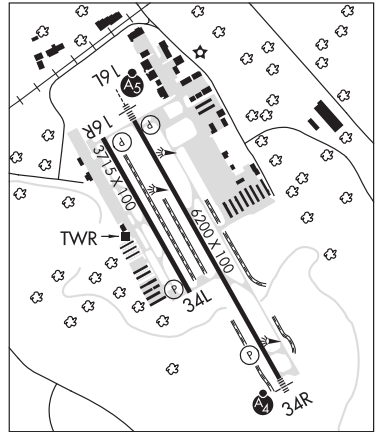
DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

ILS 109.1 I-HEF Rwy 16L. Class IE. Localizer offset angle 2.44 deg. Unmonitored when arpt unattended.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-709-4993.



RONALD REAGAN WASHINGTON NATIONAL (DCA)(KDCA) 3 S UTC-5(-4DT)

WASHINGTON

COPTER

H-10H, 12I, L-29E, 34F, 36I, A
IAP, AD

N38°51.09' W77°02.26'

14 B LRA Class I, ARFF Index C NOTAM FILE DCA

RWY 01-19: H7169X150 (ASPH-GRVD) S-110, D-200, 2D-360

PCN 57 F/B/X/T HIRL CL

RWY 01: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 54'. RVR-TR Tower.**RWY 19:** MALSF. VASI(V12)—GA 3.0° TCH 50'. RVR-TR Rgt tfc.**RWY 15-33:** H5204X150 (ASPH-GRVD) S-110, D-200, 2D-360

PCN 57 F/B/X/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 36'. Fence. Rgt tfc.**RWY 33:** REIL. PAPI(P4L)—GA 3.0° TCH 37'. Trees.**RWY 04-22:** H5000X150 (ASPH-GRVD) S-110, D-200, 2D-360

PCN 57 F/B/X/T MIRL

RWY 04: REIL. PAPI(P4L)—GA 3.25° TCH 52'. Thld dspcd 200'.

Pole.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Ground. Rgt tfc.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 01:** TORA-6869 TODA-6869 ASDA-6869 LDA-6869**RWY 04:** TORA-5000 TODA-5000 ASDA-5000 LDA-4800**RWY 15:** TORA-5204 TODA-5204 ASDA-5204 LDA-5204**RWY 19:** TORA-6869 TODA-6869 ASDA-6869 LDA-6869**RWY 22:** TORA-4540 TODA-4540 ASDA-4400 LDA-4400**RWY 33:** TORA-5204 TODA-5204 ASDA-5204 LDA-5204**ARRESTING GEAR/SYSTEM****RWY 04:** EMAS**RWY 15:** EMAS**RWY 33:** EMAS**SERVICE:** S2 FUEL JET A

AIRPORT REMARKS: Attended continuously. Be advised some aircrews mistake Rwy 15 for Rwy 19. Left-hand turn-offs from Rwy 33 to Twy K prohibited. Ronald Reagan Washington National Arprt (KDCA) is an emerg use only fld for all DoD owned and opr acft. Hold block for Rwy 04 clsd for acft parking 0200-1330Z. Flocks of birds on and invof arprt, freq seagull and geese and duck populations airborne over adjacent river areas. Lgtg from vehicle parking lot lctd 1000' southwest of Rwy 01 could give false indications of being part of Rwy 01 apch lgtg sys dur periods of reduced visibility and low ceilings. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Twy P ends at Gate #5. Acft arr/dep the general aviation parking area are prohibited from taxiing btn air carrier pushback ops and the gates. Trng flts that include multiple apchs and/or touch and go ops rqr prior permission from the arprt mgr. Rwy 19X exists to support the DCA LDA associated with the ILS. Rwy 15 PAPI unusable byd 3° left of rwy centerline. Rwy 19 VASI (V12) consists of two (2) VASI-V6 systems (L/R). Rwy 19 V6R rotated 20° to right and extends coverage to 24° right of centerline. The rotated VASI-V6R system supports visual and instrument apchs to Rwy 19. Ldg fees. NOTE: See Special Notices —District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P-56) Avoidance Procedures and Continuous Power Facilities.

AIRPORT MANAGER: 703-417-8050**WEATHER DATA SOURCES:** ASOS 132.65 (703) 412-8140. LLWAS. TDWR.**COMMUNICATIONS:** D-ATIS 132.65 (703-419-3917) UNICOM 122.95

Ⓡ POTOMAC APP CON 119.85 (West/South) 124.2 (East) 124.7

WASHINGTON TOWER 119.1 (134.35 Helicopters) GND CON 121.7 CLNC DEL/PRE TAXI CLNC 128.25

Ⓡ POTOMAC DEP CON 118.95 (West) 125.65 (East) 124.7

CPDLC (LOGON KDCA)



CONTINUED ON NEXT PAGE

DISTRICT OF COLUMBIA
CONTINUED FROM PRECEDING PAGE

53

AIRSPACE: CLASS B See VFR Terminal Area Chart

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57' W77°02.19' at fld. 10/9W.

VOR portion unusable:

026°-070° byd 20 NM blo 5,000'
071°-075° byd 20 NM blo 7,000'
076°-105° byd 20 NM blo 5,000'
106°-111° byd 10 NM blo 2,500'
106°-125° byd 20 NM blo 8,000'
126°-145° byd 20 NM blo 5,500'
146°-155° byd 20 NM blo 6,000'
156°-170° byd 20 NM blo 5,500'
171°-177° byd 20 NM blo 5,000'
178°-260° byd 20 NM blo 4,500'
261°-275° byd 20 NM blo 6,000'
276°-283° byd 20 NM blo 7,000'
284°-300° byd 20 NM blo 6,000'
301°-025° byd 20 NM blo 4,500'

DME portion unusable:

090°-165° byd 30 NM blo 3,000'
250°-270° byd 20 NM blo 2,500'
340°-040° byd 30 NM blo 2,500'

OXONN NDB (MHW) 332 DCA N38°45.96' W77°01.64' 006° 5.1 NM to fld. 11W.

GEORGETOWN NDB (MHW) 323 GTN N38°55.79' W77°07.45' 148° 6.2 NM to fld. 9W. unmonitored.

ILS/DME 109.9 I-DCA Chan 36 Rwy 01. Class IIE.

LDA/DME 109.9 I-ASO Chan 36 Rwy 19. DME unusable byd 14 NM blw 1,600'; byd 25° right of course. LOC unusable byd 20° right of course.

LDA/DME 108.5 I-VWH Chan 22 Rwy 19X. LOC offset angle 40° 00 min 33 sec. LOC unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Lcl flow tfc management turbo jet arr Ronald Reagan Washington National Twr in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low alt holding, reduce radar vectors and speeds rqrq the extn of flaps and to provide for an orderly flow of tfc to the final apch crs. Dependent upon the arpt acceptance rate, in-trail spacing btn successive arr may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most cond, will be from arr fixes established 30 to 36 miles from the rwy end. Advance ntc as to where to exp descent and when to exp base leg should be given. It is imperative that pilots ctl their descent at a uniform rate to preclude intermediate alt restrictions. Procedures are based on a near idle thrust, 300' per mile descent in still air cond.

SOUTH CAPITOL STREET HELIPORT (Ø9W) O N UTC-5(-4DT) N38°52.12' W77°00.45'

**WASHINGTON
COPTER**

10 B NOTAM FILE DCA

HELIPAD H1: H60X60 (ASPH)

SERVICE: FUEL JET A

HELIPORT REMARKS: Attended Mon-Fri 1200-0000Z; Sat-Sun 1600-0000Z. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75' lgtd bridge 500' east; 50' stack 400' west; 40' bldg 60' northeast. Ingress and egress routes northeast and southwest over Anacostia River.

AIRPORT MANAGER: 202-484-8616

COMMUNICATIONS: CTAF/UNICOM 123.05

AIRSPACE: CLASS B See VFR Terminal Area Chart sv.

WASHINGTON DULLES INTL (IAD)(KIAD) 20 W UTC-5(-4DT) N38°56.85'

W77°27.60'

313 B LRA Class I, ARFF Index E NOTAM FILE IAD

RWY 01C-19C: H11500X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL

RWY 01C: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR

RWY 19C: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR

RWY 01R-19R: H11500X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL

RWY 01R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR

RWY 19R: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Pole. 0.3% up.

RWY 12-30: H10501X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL

RWY 12: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 66'. RVR-TR

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 84'. RVR-TR 0.4% up.

RWY 01L-19L: H9400X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL

RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR 0.3% down.

RWY 19L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01C:TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 01L:TORA-9400 TODA-9400 ASDA-9400 LDA-9400

RWY 01R:TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 12: TORA-10501 TODA-10501 ASDA-10501 LDA-10501

RWY 19C:TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 19L:TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 19R:TORA-9400 TODA-9400 ASDA-9400 LDA-9400

RWY 30: TORA-10501 TODA-10501 ASDA-10501 LDA-10501

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy status lghts are in opr.

AIRPORT REMARKS: Attended continuously. Svc for fuel and go only will be avbl. Large flocks of birds and invof arpt/deer invof arpt. During periods of acft saturation long term parking may not be avbl. Flt trng btn 0300-1200Z prohibited. Itinerant acft etc FBO on 122.95 for svcs. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Air carrier push backs and pwr from all apron positions rqr clnc from MWAA Ramp twr. B747-8 rstd to max taxi speed 17 kt (20 MPH) on Twy J. All acft with wingspan exceeding 118' are rstd from using Taxilane A btn Taxilane A1 and A5. Twy E1 rstd to acft with a wingspan less than 79'. Engine run-ups btn 2200L and 0700L rqr prior apvl from arpt ops. Runup blocks for Rwy 30 designated as non-movement area. Taxilane C active, pushback clncs on North side of midfld terminal are onto Taxilane D only unless otherwise authorized. All 180° turns out of apron positions shall be made using minimum pwr. Rwy 30 dep use upper antenna for twr communications. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

AIRPORT MANAGER: 703-572-2730

WEATHER DATA SOURCES: ASOS (703) 661-2990 TDWR.

COMMUNICATIONS: D-ATIS 134.85 571-323-6374. UNICOM 122.95

ARMEL RCO 113.5T 122.1R (LEESBURG RADIO)

Ⓡ POTOMAC APP CON 128.525 (091°-240°) 126.1 (331°-090°) 120.45 (241-330°) Air surveillance radar unavbl abv 15,000'.

TOWER 120.1 (Rwy 01R-19L) 120.25 (Rwy 01C-19C) 134.425 (Rwy 01L-19R, Rwy 12-30)

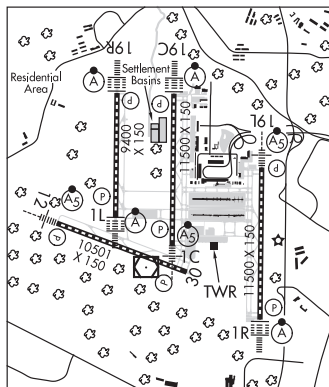
MIDFIELD RAMP CON 129.55

GND CON 121.625 (West) 121.9 (East) CLNC DEL 135.7

Ⓡ POTOMAC DEP CON 126.65 (190°-300°) 125.05 (300°-010°) Air surveillance radar unavbl abv 15,000'.

CPDLC (LOGON KIAD)

**WASHINGTON
COPTER**
H-10H, 12L, L-29E, 34E, 36I, A
IAP, AD



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RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VOR/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' at fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

ILS 111.3 I-OSZ Rwy 01C. Class IIE.

ILS/DME 110.75 I-OIU Chan 44(Y) Rwy 01L. Class IIIE. LOC unusable byd 25° left of course.

ILS/DME 110.1 I-IAD Chan 38 Rwy 01R. Class IIIE.

ILS 109.3 I-AJU Rwy 12. Class IE.

ILS 111.3 I-DLX Rwy 19C. Class IIIE.

ILS/DME 110.1 I-SGC Chan 38 Rwy 19L. Class IIE.

ILS/DME 110.75 I-ISU Chan 44(Y) Rwy 19R. Class IIIE.

ASHLAND

BRADFORD CAMPS SPB (ME3) 30 SW UTC-5(-4DT) N46°23.75' W69°00.30'

MONTREAL

815 NOTAM FILE BGR

WATERWAY 16W-34W: 15000X1500 (WATER)

SEAPLANE REMARKS: Attended May-Nov dalgt hrs, Dec-Apr unattended. SPB CLOSED winter Nov-Apr, winter cell 207-746-7777 or at maine@bradfordcamps.com. For svcs call 207-433-0660. Acft monitor frequency 122.85.

AIRPORT MANAGER: 207-433-0660

COMMUNICATIONS: CTAF 122.9

AUBURN/LEWISTON MUNI (LEW)(KLEW) 4 SW UTC-5(-4DT) N44°02.91' W70°17.01'

MONTREAL

288 B TPA—See Remarks NOTAM FILE LEW

H-11D, L-32H

RWY 04-22: H5001X100 (ASPH) S-30, D-108, 2S-137, 2D-180

IAP

HIRL

RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 49'. Trees.

RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 35'. Trees.

RWY 17-35: H2750X75 (ASPH) S-30 MIRL 1.2% up S

RWY 17: Trees.

RWY 35: Tree.

SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 3, 4 **LGT** ACTIVATE MALSR

Rwy 04, MIRL Rwy 17-35, HIRL Rwy 04-22 and REIL Rwy

22—CTAF.

AIRPORT REMARKS: Attended 1100-0000Z†. For fuel or svcs after hrs call (207) 784-6318. Birds on and invof arpt. Intensive helicopter ops daily from 1000-0100Z†. Helicopter TPA 788(500), rgt tfc. Rwy 04 designated calm wind rwy. Acft de-icing avble. Occasional blasting in progress Mon-Sat approximately 4,800-5,000' SW of Rwy 04 thld 1600-2000Z† during VFR conditions only. Ldg fee.

AIRPORT MANAGER: 207-786-0631

WEATHER DATA SOURCES: AWOS-3PT 118.025 (207) 783-2806.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 125.5 (1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z†)

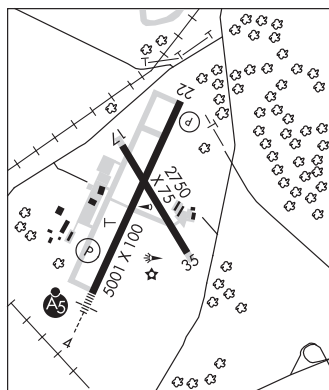
CLNC DEL 124.05 **PRETAXI CLNC** 124.05

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 250° 26.6 NM to fld. 349/18W.

LEWIE NDB (LOM) 240 LE N43°57.74' W70°20.28' 041° 5.7 NM to fld. NDB unusable byd 12 NM.

ILS 108.9 I-LEW Rwy 04. Class IA. LOM LEWIE NDB. Unmonitored. NDB unusable byd 12 NM.



AUGUSTA

AUGUSTA SPB (MØØ) 3 S UTC-5(-4DT) N44°16.05' W69°46.90'

MONTREAL

23 NOTAM FILE BGR

WATERWAY 13W-31W: 2500X100 (WATER)

WATERWAY 13W: Trees. Rgt tfc.

WATERWAY 31W: Trees.

SEAPLANE REMARKS: Unattended. Daytime use only. Unmarked shoals east of sealane. Location has tidal fluctuation of 4'. Sealane poorly marked, irregular shaped channel. Docks moved during winter months (Oct-May).

AIRPORT MANAGER: 207-626-2306

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del through FLIGHT SERVICES 1-800-WX-BRIEF.

AUGUSTA STATE (AUG)(KAUG) 1 NW UTC-5(-4DT) N44°19.24' W69°47.84'

MONTREAL
H-11D, L-32H
IAP

352 B TPA-1400(1048) NOTAM FILE AUG
RWY 17-35: H5001X100 (ASPH-GRVD) S-50, D-60 HIRL

0.7% up S

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 53'.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.

RWY 08-26: H2703X75 (ASPH) S-30 MIRL

RWY 08: Trees.

RWY 26: Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-2703 TODA-2703 ASDA-2703 LDA-2703

RWY 17: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 26: TORA-2703 TODA-2703 ASDA-2703 LDA-2703

RWY 35: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

ARRESTING GEAR/SYSTEM

RWY 17: EMAS

RWY 35: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 17-35, MIRL Rwy 08-26, REIL Rwy 35, PAPI Rwy 17 and Rwy 35, and MALSR Rwy 17—CTAF.

AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unattended after dark during snow and ice season. fld conditions reports snow depths, braking action may not be avbl for rwys from 2300-1100Z†. For fuel after normal business hrs call 207-622-2507. Birds and deer on and invof arpt. Seagulls on and invof rwy intersections. Rwy 35 designated calm wind rwy. Twy F east clsd to all acft with wing span greater than 45'. Air carrier ramp clsd to general aviation tfc. Rwy 17-35 have EMAS category B2. Ldg fee for multi-engine acft, fee waived with fuel purchase.

AIRPORT MANAGER: 207-626-2306

WEATHER DATA SOURCES: ASOS 118.325 (207) 623-0432.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 111.4T 122.2 122.6 (BANGOR RADIO)

Ⓡ PORTLAND APP/DEP CON 128.35 (1045-0500Z†)

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z†)

CLNC DEL 119.95 299.2

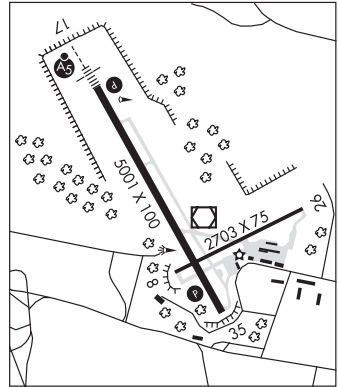
AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

(L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' at fld. 349/18W.

DUNNS NDB (LOMW) 366 AU N44°24.66' W69°51.64' 171° 6.1 NM to fld. 238/18W.

ILS 108.7 I-AUG Rwy 17. Class IB. LOM DUNNS NDB. Glideslope unusable byd 5° right side of LOC course; blw 430'; byd 9 NM. LOC unusable fm 0.5 NM to thld abv 1,000'.



BANGOR**BANGOR INTL** (BGR)(KBGR) P (ANG ARNG) 3 W UTC-5(-4DT) N44°48.45' W68°49.69'

192 B TPA—See Remarks LRA Class I, ARFF Index E NOTAM FILE BGR

RWY 15-33: H11440X200 (ASPH-GRVD) S-100, D-210, 2S-175,
2D-400 HIRL CL**RWY 15:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TMR
0.4% down.**RWY 33:** MALSR. PAPI(P4L)—GA 3.0° TCH 57'. RVR-TMR Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 15:** TORA-11440 TODA-11440 ASDA-11440 LDA-11440**SERVICE:** S4 FUEL 100LL, JET A OX 2, 4 **MILITARY—JASU 1**(MD-3)

1(MC-11) (MA-1A) FUEL A++(Mil), A, A+ (C207-992-4600)

(NC-100LL) **FLUID** SP PRESAIR LPOX LOX - Foreign mil only: On-base

LOX svc unavbl. Off-base contracted LOX avbl H24-rqr 24 hr notice,

ppr ctc C207-404-7232 **OIL** O-133-148(Mil)**AIRPORT REMARKS:** Attended continuously. Twy J clsd during winter months.

Twy J ltd to acft 75,000 lbs gross tkf weight. TPA for turbo jet acft is

2000(1808) unless otherwise instructed. Cold temperature rstd arpt.

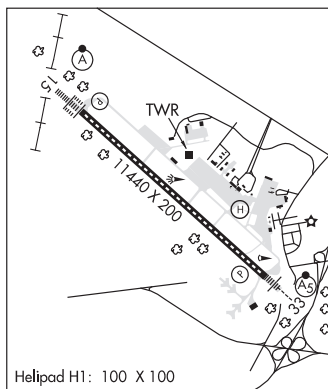
Altitude correction required at or blo -31C/-24F. Flight Notification

Service (ADCUS) available.

AIRPORT MANAGER: 207-992-4600**WEATHER DATA SOURCES:** ASOS 127.75 (207) 561-2515. HIWAS 114.8 BGR.**COMMUNICATIONS:** ATIS 127.75 (207-561-2524) **UNICOM** 122.95**RCO** 122.2 (BANGOR RADIO)Ⓡ **APP/DEP CON** 118.925 124.5**TOWER** 120.7 **GND CON** 121.9 **CLNC DEL** 135.9**AIRSPACE:** CLASS C svc ctc **APP CON****VOR TEST FACILITY (VOT)** 111.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.(H) **VORTACW** 114.8 BGR Chan 95 N44°50.51' W68°52.44' 155° 2.8 NM to fld. 360/19W. **HIWAS.**

ILS/DME 109.5 I-JVH Chan 32 Rwy 15. Class IIIE. DME also serves Rwy 33.

ILS/DME 109.5 I-BGR Chan 32 Rwy 33. Class IE. DME also serves Rwy 15. DME unusable byd 26° right of course.

ASR• • • • •
HELIPAD H1: H100X100 (CONC)**HALIFAX**

H-11D, L-321

IAP, DIAP, AD**LUCKY LANDING MARINA AND SPB SPB** (Ø6B) 7 N UTC-5(-4DT) N44°54.42' W68°48.30'**HALIFAX**

115 NOTAM FILE BGR

WATERWAY 02-20: 15000X4000 (WATER)**WATERWAY 02:** Rgt ttc.**SERVICE:** S2 FUEL 100LL**SEAPLANE REMARKS:** Attended Apr-Oct dalgt hrs, unattended Nov-Mar. To verify conditions and for fuel after hrs call

207-945-6968. Water ldg area not marked. Rwy 02W wires on shore marked.

AIRPORT MANAGER: 207-945-5087**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru **FLIGHT SERVICES** 1-800-WX-BRIEF.**BANKS** (See SWANS ISLAND on page 82)

BAR HARBOR

HANCOCK CO-BAR HARBOR (BHB)(KBHB) 8 NW UTC-5(-4DT) N44°26.99' W68°21.69'

HALIFAX
H-110, L-321
IAP

83 B Class I, ARFF Index A NOTAM FILE BHB

RWY 04-22: H5200X100 (ASPH) D-72, 2S-91, 2D-100

PCN 40 F/D/X/T HIRL

RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 55'. Trees.

RWY 22: MALS.F. VASI(V4L)—GA 3.0° TCH 55'.

RWY 17-35: H3253X75 (ASPH) S-13, D-20 1.1% up N

RWY 17: Thld dsplcd 684'. Tree.

RWY 35: Thld dsplcd 111'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 22: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE HIRL Rwy 04-22, REIL Rwy 04, MALS.F Rwy 22 and VASI Rwy 04 and Rwy 22-122.7.

AIRPORT REMARKS: Attended Oct-Apr 1300-2300Z†, May-Sep

1200-0200Z†. Grass areas unavbl for act ops exc PPR

207-667-7329. Birds on and invof arpt. Glider ops on and invof arpt.

Rwy 04-22 due to hump at midpoint, opposite ends of rwy not visible

at gnd level. Rwy 17-35 not avbl for takeoffs and ldfs for air carriers

with 10 or more passenger seats. PPR for overweight ldfs ctc arpt

manager 207-667-7329. Twy B clsd to all acft greater than 10,000

lbs. Twy F and Twy G clsd Dec 1-Mar 31 annually. Waiver rqr for overweight ldfs ctc arpt manager 207-667-7329.

During VFR conditions when wind speed is less than 5 kts as reported by AWOS or UNICOM all acft using Rwy 04-22

shall tkf and land on Rwy 22.

AIRPORT MANAGER: 207-667-7329

WEATHER DATA SOURCES: AWOS-3PT 118.35 (207) 667-7364.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **BANGOR APP/DEP CON** 133.6

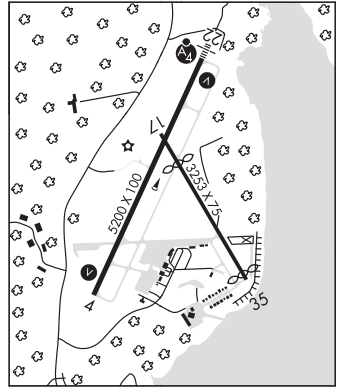
CLNC DEL 119.9

AIRSPACE: CLASS E svc 1000-2100Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 156° 32.2 NM to fld. 360/19W. **HIWAS.**

ILS/DME 108.3 I-BHB Chan 20 Rwy 22. Class IB. Unmonitored.



BELFAST MUNI (BST)(KBST) 1 SW UTC-5(-4DT) N44°24.56' W69°00.71'

MONTREAL
L-321
IAP

198 B NOTAM FILE BGR

RWY 15-33: H4000X100 (ASPH) S-30 MIRL 1.0% up NW

RWY 15: REIL. Brush.

RWY 33: REIL. Trees.

SERVICE: LGT ACTIVATE REIL Rwy 15 and Rwy 33 and MIRL Rwy 15-33-CTAF.

AIRPORT REMARKS: Attended irregularly. Deer and birds on or invof arpt. Sfc conditions reported Mon-Fri 1400-2200Z† Dec-Mar. Gnd transportation avbl. 80' tall obstruction lgts along both sides of primary sfc and treeline.

AIRPORT MANAGER: 207-338-3370 X16

WEATHER DATA SOURCES: AWOS-AV 122.975 (207) 930-7071.

COMMUNICATIONS: CTAF/UNICOM 122.975

RCO 121.975 (BANGOR RADIO)

Ⓡ **BANGOR APP/DEP CON** 118.925 **CLNC DEL** 121.975 (Bangor RADIO)

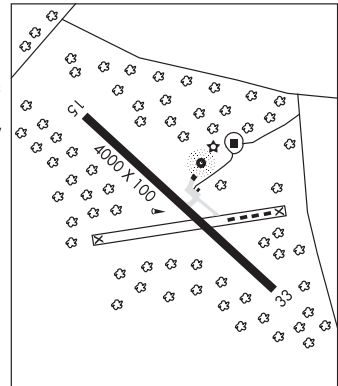
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 212° 26.6 NM to fld. 360/19W. **HIWAS.**

NDB (MHW) 278 BST N44°24.67' W69°00.66' at fld. 185/18W.

COMM/NAV/WEATHER REMARKS: AWOS avbl on CTAF-2 clicks or call (207) 930-7071 or go to www.digiwx-bst.com.



BETHEL RGNL (ØB1) 2 NW UTC-5(-4DT) N44°25.51' W70°48.60'

MONTREAL
L-32H

674 B NOTAM FILE BGR

RWY 14-32: H3818X75 (ASPH) LIRL 0.5% up NW

RWY 14: Tree.

RWY 32: Tree.

SERVICE: **FUEL** 100LL **LGT** Lgt'd windssock and apron lghts on continuously at night. **ACTIVATE LIRL** Rwy 14-32—CTAF 5 clicks, stays on for 15 min and flashes prior to shutdown. 5 more clicks anytime while on resets 15 min cycle.

AIRPORT REMARKS: Unattended. Turkeys and geese on or invof arpt. Self-serve avbl 24 hrs with credit card. Unlighted mountainous terrain. Arpt sfc conditions unmonitored between 0200-1300Z± daily. For rwy conditions or other information, ctc arpt information line 207-512-5552. Powered parachute activity occasionally in terminal area surrounding arpt. Unmanned acft within an area defined as 3 NM radius of arpt sfc—400' AGL daily SR-SS. No fees for parking, tie down, overnight electrical A/C hook up.

AIRPORT MANAGER: 207-824-2669

WEATHER DATA SOURCES: **AWOS-AV** 122.9 (207) 512-2516. Actvt AWOS-av via phone or 122.9. Wnd/cig/t/dp unreliable.

COMMUNICATIONS: **CTAF** 122.9

PORTLAND APP/DEP CON 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VOR/DME 110.4 BML Chan 41 N44°38.00' W71°11.17' 145° 20.4 NM to fld. 1731/17W.

HIWAS.

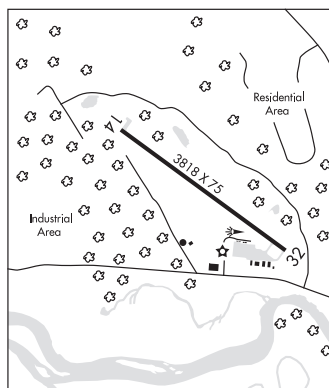
VOR/DME unusable:

120°-130° blo 6,500'

160°-180° blo 6,000'

295°-305° blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru **FLIGHT SERVICES** 1-800-WX-BRIEF.



BIDDEFORD MUNI (B19) 2 S UTC-5(-4DT) N43°27.85' W70°28.34'

NEW YORK
L-32H
IAP

157 B TPA-995(838) NOTAM FILE BGR

RWY 06-24: H3000X75 (ASPH) S-25 MIRL 0.3% up NE

RWY 06: REIL. VASI(V4L)—GA 3.75° TCH 33'. Trees.

RWY 24: Brush.

SERVICE: **FUEL** 100LL **LGT** VASI Rwy 06 oprs 24 hrs. **ACTIVATE MIRL** Rwy 06-24 and REIL Rwy 06—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z±, Sat-Sun 1300-1700Z±. 24 hr fuel with major credit card self-svc. Deer and turkeys on and invof arpt. NS ABTMT ctc arpt manager for details. Ultralight activity on or invof arpt. Cold temperature rstd arpt. Altitude correction required at or blo -31C/-24F. Rwy 24 calm wind rwy.

AIRPORT MANAGER: 207-282-1893

COMMUNICATIONS: **CTAF/UNICOM** 123.0

WATERBORO RCO 122.25 (BANGOR RADIO)

Ⓡ **PORTLAND APP/DEP CON** 119.75 (1045-0500Z±)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z±)

CLNC DEL 126.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VOR/DME 117.1 ENE Chan 118 N43°25.54'

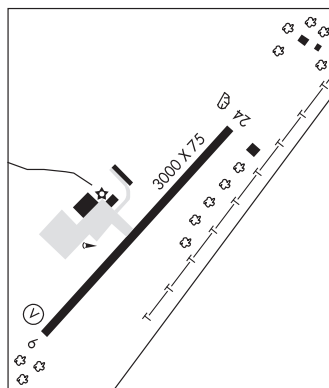
W70°36.81' 086° 6.6 NM to fld. 192/17W.

DME portion unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'



BOWDOINHAM**MERRYMEETING FLD** (Ø8B) 1 SE UTC-5(-4DT) N44°00.00' W69°53.23'**MONTREAL**

61 NOTAM FILE BGR

RWY 14-32: 1935X100 (TURF)**RWY 14:** Thld dspclcd 425'. Trees.**RWY 32:** Thld dspclcd 143'. Trees.**AIRPORT REMARKS:** Attended irregularly. Call for rwy conditions prior to ldg. Wildlife on or invof arpt. Winter ops (Nov 1-May 1) skis only, rwy not plowed. Rwy 14 has +15' roadway 95' rgt and +15' building 125' left at thld. No line of sight between rwy ends.**AIRPORT MANAGER:** 781-864-7011**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**BOWMAN FLD** (See LIVERMORE FALLS on page 71)**BRADFORD CAMPS SPB** (See ASHLAND on page 56)**BRANDY POND SPB** (See NAPLES on page 74)**BREWER** (ØB2) 2 S UTC-5(-4DT) N44°45.83' W68°46.07'**HALIFAX**

125 NOTAM FILE BGR

RWY 01-19: 1730X30 (TURF) 0.3% up N**RWY 01:** Brush. Rgt tfc.**RWY 19:** Trees.**SERVICE:** S2**AIRPORT REMARKS:** Unattended. Rwy 01-19 +35' trees and brush 30' from centerline along east side. Wildlife on or invof arpt. Public golf course at EOR 01. During winter ski only ops. Make all apch/deps to east of arpt.**AIRPORT MANAGER:** 207-299-4086**COMMUNICATIONS:** CTAF 122.9 CLNC DEL 125.3 (Bangor APP CON)**BRUNSWICK EXECUTIVE** (BXM)(KBXM) 2 SE UTC-5(-4DT) N43°53.54' W69°56.33'**NEW YORK**

75 B NOTAM FILE BGR

H-11D, L-32H**RWY 01L-19R:** H8000X200 (ASP-CONC) HIRL**IAP****RWY 01L:** PAPI(P4L)—GA 3.0° TCH 50'. Trees. Rgt tfc.**RWY 19R:** PAPI(P4L)—GA 3.0° TCH 52'. Trees.**RWY 01R-19L:** H8000X200 (ASP-CONC) HIRL**RWY 01R:** MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Trees. Rgt tfc.**RWY 19L:** REIL. PAPI(P4L)—GA 3.0° TCH 53'. Trees.**SERVICE:** S4 FUEL 100LL, JET A ØX 1, 2, 3, 4 LGTACTIVATE MALSR Rwy 01R, REIL Rwy 19L, PAPI Rwy 01R, Rwy 19L, HIRL Rwy 01R-19L—CTAF.**AIRPORT REMARKS:** Attended 1200-0000Z†. Birds and deer invof arpt. Rwy 01L-19R CLOSED indef. Rwy 19L calm wind rwy.**WEATHER DATA SOURCES:** AWOS-AV 134.875 (207) 409-1747.**COMMUNICATIONS:** CTAF/UNICOM 122.725

Ⓡ PORTLAND APP/DEP CON 119.75 (112°-292°) 120.4 (293°-111°) 1045-0500Z†

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (112°-292°) 124.25 (293°-211°) 0500-1045Z†

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 212° 26.4 NM to fld. 349/18W.

ILS/DME 109.3 I-BXM Chan 30 Rwy 01R. Class IT. ILS Rwy 01R unmonitored btn 0300-1100Z†.

BUCKHORN CAMPS SPB (See NORCROSS(MILLINOCKET) on page 74)**BUCKS HARBOR** N44°37.68' W67°23.70'**HALIFAX**

RCO 122.5 (BANGOR RADIO)

L-32I**BURNHAM** N44°41.86' W69°21.52' NOTAM FILE BGR.**MONTREAL****NDB (MHV)** 348 BUP 009° 4.3 NM to Pittsfield Muni. 195/18W.**L-32H**

NDB unusable:

Byd 20 NM

CARIBOU MUNI (CAR)(KCAR) 1 NW UTC-5(-4DT) N46°52.30' W68°01.09'

HALIFAX

620 B TPA—See Remarks AOE NOTAM FILE CAR

L-321

RWY 01-19: H4003X100 (ASPH) S-30 MIRL

IAP

RWY 01: Ground.

RWY 11-29: H3016X75 (ASPH) S-30 MIRL

RWY 29: Thld displcd 398'. Bldg.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 01-19 and 11-29—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2030Z. 24 hr fuel avbl with credit card. TPA—light acft 1420(800), multi and large single engine acft 1620(1000). Rwy 01 +23' power pole and trees approximately 950' from thld across the apch. Rwy 01-19 has obstruction lgts along sides of primary sfc and tree line. Cold temperature rstd arpt. Altitude correction required at or below -27C/-17F. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 207-493-3324

WEATHER DATA SOURCES: ASOS 135.125 (207) 496-3153.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BANGOR RADIO)

® **BOSTON CENTER APP/DEP CON** 124.75 **CLNC DEL** 124.75 (Boston Center)

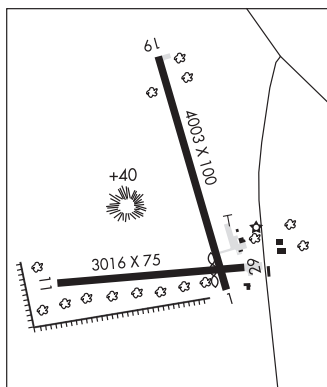
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (H) VOR/DME 116.4 PQI Chan 111 N46°46.45'

W68°05.67' 049° 6.6 NM to fld. 592/21W. **HIWAS.**

DME portion unusable:

180°-200° byd 30 NM blo 3,400'



CARRABASSETT

SUGARLOAF RGNL (B21) 1 N UTC-5(-4DT) N45°05.13' W70°12.99'

MONTREAL

885 TPA—2885(2000) NOTAM FILE BGR

RWY 17-35: H2900X75 (ASPH) S-12 0.8% up N

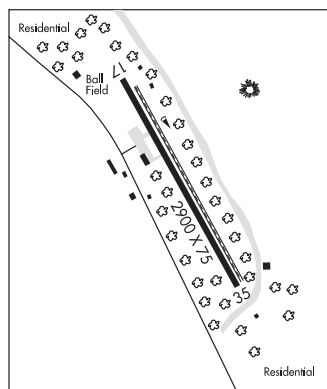
RWY 17: Road.

RWY 35: Trees.

AIRPORT REMARKS: Unattended. VFR ops only. Call 207-237-3200 to check arpt conditions. Deer and moose on or invof arpt. Rwy 17-35 snowmobile/ATV trail 40' from edge of rwy on west side north of ramp. High terrain 4237 ft MSL north, east and west of arpt.

AIRPORT MANAGER: 207-235-2646

COMMUNICATIONS: CTAF/UNICOM 122.8



CENTRAL MAINE ARPT OF NORRIDGEWOCK (See NORRIDGEWOCK on page 75)

CHARLES A CHASE JR MEM FLD (See DOVER/FOXCROFT on page 64)

CHESUNCOOK

CHESUNCOOK LAKE HOUSE SPB (1ME) 0 N UTC-5(-4DT) N46°03.65' W69°24.57'

MONTREAL

942 NOTAM FILE BGR

WATERWAY ALL-WAY: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended irregularly. Unattended in Apr. Fuel avbl only in emerg. For svcs call 207-745-5330 in advance.

Longest length avbl northwest/southwest.

AIRPORT MANAGER: 207-745-5330

COMMUNICATIONS: CTAF 122.9

NUGENT CHAMBERLAIN LAKE SPB (39B) 11 NE UTC-5(-4DT) N46°12.15' W69°14.42'
 945 NOTAM FILE BGR
WATERWAY 13W-31W: 15000X1100 (WATER)
SEAPLANE REMARKS: Attended continuously. For svcs call 207-944-5991 in advance.
AIRPORT MANAGER: 207-944-5991
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL

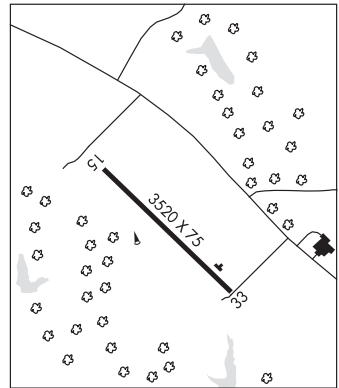
CURRIER'S SPB (See GREENVILLE JUNCTION on page 67)

CUTLER RGNL (ME2) 2 W UTC-5(-4DT) N44°40.80' W67°15.86'
 55 NOTAM FILE BGR
RWY 09-27: 2950X40 (GRVL)
RWY 09: P-line.
RWY 27: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt clsd Nov through Apr. Wildlife on and invof arpt. Rwy 27 +4'-20' brush 45' right of centerline, 100'-300' from end of rwy. Land on Rwy 27 when wind is lgt and variable. Rwy 09-27 grvl stabilized with grass. Rwy 09-27 center 20' of rwy well mowed.
AIRPORT MANAGER: (207) 259-4484
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

HALIFAX

DEBLOIS FLIGHT STRIP (43B) 2 SE UTC-5(-4DT) N44°43.59' W67°59.44'
 216 NOTAM FILE BGR
RWY 15-33: H3520X75 (ASPH) S-84, D-200, 2D-400
RWY 15: Trees.
RWY 33: Trees.
AIRPORT REMARKS: Unattended. Clsd during winter months exc to ski acct. Rwy could have gravel tracked onto sfc by vehicular traffic. Men and equipment could be near or on rwy sfc during summer months. Dalgt use only.
AIRPORT MANAGER: 207-941-4500
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 119° 38.4 NM to fld. 360/19W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

HALIFAX
L-321



DEWITT FLD, OLD TOWN MUNI (See OLD TOWN on page 75)

DEXTER RGNL (1B0) 3 E UTC-5(-4DT) N45°00.27' W69°14.25'

533 B NOTAM FILE BGR

RWY 16-34: H3008X75 (ASPH) S-30 MIRL

RWY 16: Tree.

RWY 34: Trees.

RWY 07-25: 1250X120 (TURF)

RWY 07: Trees.

RWY 25: Trees.

SERVICE: FUEL 100LL, MOGAS LGT ACTIVATE LIRL Rwy

16-34—122.8.

AIRPORT REMARKS: Unattended. 24 hr fuel with major credit card, no ethanol in MOGAS. Wildlife on or in/ovf arpt.

AIRPORT MANAGER: 207-924-7565

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BANGOR APP/DEP CON** 118.925

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 321° 18.3 NM to fld. 360/19W. **HIWAS.**

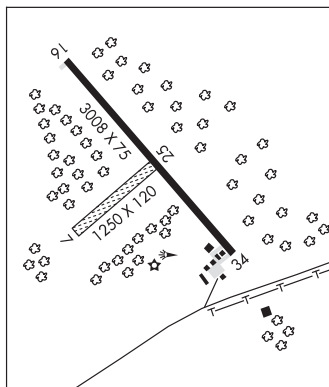
COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

MONTREAL

L-32H

IAP



DIXFIELD

SWANS FLD (3S2) 3 SE UTC-5(-4DT) N44°30.85' W70°24.41'

418 NOTAM FILE BGR

RWY 12-30: 1808X40 (TURF)

RWY 12: Trees.

RWY 30: Trees.

AIRPORT REMARKS: Unattended. Rwy not plowed winter months. Ctc arpt manager for rwy conditions in winter, 207-491-5025. Wildlife on or in/ovf arpt. Rwy 12, +40'-50' trees from thld to 400' to the southeast, 35' left of centerline. Access roadway 45' from Rwy 12-30 centerline along north side. Private roadway +10' crosses Rwy 12-30 approximately 700' from northwest thld. Rwy 30, +4' berm 0' from end of rwy across rwy beneath trees.

AIRPORT MANAGER: (207) 491-5025

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL

DOVER/FOXCROFT

CHARLES A CHASE JR MEM FLD (44B) 1 SW UTC-5(-4DT) N45°10.65' W69°14.68'

520 NOTAM FILE BGR

RWY 09-27: 2926X75 (TURF) 1.3% up E

RWY 09: Trees.

RWY 27: Road.

AIRPORT REMARKS: Unattended. Deer on and in/ovf arpt. Rwy 09-27 thlds unmarked and undefined. Rwy 09-27 has 2" rock in center of rwy 400'-600' from both ends. No line of sight between rwy ends. Rwy 27 +12' rock and dirt pile 250' from thld and 90' right.

AIRPORT MANAGER: (207) 564-2469

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL

DUNNS N44°24.66' W69°51.64' NOTAM FILE AUG.

NDB (LOMW) 366 AU 171° 6.1 NM to Augusta State. 238/18W.

MONTREAL

L-32H

EAST WINTHROP

LAKESIDE MARINA SPB (03M) 4 E UTC-5(-4DT) N44°18.91' W69°53.22'

165 NOTAM FILE BGR

WATERWAY 02-20: 3800X200 (WATER)

WATERWAY 20: Trees.

SEAPLANE REMARKS: Attended 1300-0300Z±. Daytime use only. For fuel check at motel. Rwy 02 end east of lighthouse, Rwy 20 end east of south tip Hershey Island.

AIRPORT MANAGER: 207-395-6741

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL

EASTERN SLOPES RGNL (See FRYEBURG on page 66)

EASTPORT MUNI (EPM)(KEPM) 1 W UTC-5(-4DT) N44°54.61' W67°00.76'

HALIFAX

45 B LRA NOTAM FILE EPM

L-321

RWY 15-33: H4002X75 (ASPH) S-30 MIRL 0.3% up SE

IAP

RWY 15: REIL. Tree.

RWY 33: REIL. PAPI(P2L)—GA 3.28° TCH 44'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT REIL Rwy 15 OTS indef. ACTIVATE REIL Rwy 15, Rwy 33, PAPI Rwy 33, MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Unattended. Self-svc fuel avbl 24 hrs with major credit card. Deer and birds on and invof rwy. CSTMS on req call 207-853-4313.

AIRPORT MANAGER: 207-853-6060

WEATHER DATA SOURCES: AWOS-AV 122.8 (207) 853-0682. Frequency: 2 clicks to activate.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

PRINCETON (L) DME 114.3 PNN Chan 90 N45°19.75' W67°42.25' 151° 38.7 NM to fld. 398/21W.

DME unusable:

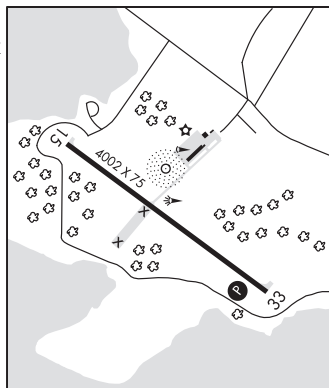
300°-330° blo 4,500 byd 25 NM'

NDB (MHW) 260 EPM N44°54.75' W67°00.74' at fld. 48/19W. NOTAM FILE EPM.

NDB unusable:

Byd 10 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



ELIOT

LITTLEBROOK AIR PARK (3B4) 2 SE UTC-5(-4DT) N43°08.59' W70°46.41'

NEW YORK

125 TPA—1125(1000) NOTAM FILE BGR

L-32H, 32D

RWY 12-30: H2701X50 (ASPH) S-8 LIRL(NSTD) 0.7% up NW

IAP

RWY 12: Trees.

RWY 30: Thld dspcld 86'. Trees.

SERVICE: LGT NSTD LIRL spacing and color, no thld lgts. ACTIVATE LIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Unattended. Birds and deer on and invof arprt. Arprt CLOSED to helicopters exc 24 hr PPR 207-475-7005. Broken pavement and debris on all ramp and twy areas. Rwy 12 markings NSTD size. Rwy 30 markings NSTD size.

AIRPORT MANAGER: 321-231-1952

COMMUNICATIONS: CTAF 122.9

BOSTON APP/DEP CON 125.05

RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.

PEASE (L) VORW/DME 116.5 PSM Chan 112 N43°05.07' W70°49.92' 052° 4.4 NM to fld. 99/16W.

DME unusable:

029°-071° byd 35 NM blo 2,500'

080°-085° byd 35 NM blo 2,500'

115°-120° byd 37 NM blo 2,500'

190°-205° byd 35 NM blo 2,500'

225°-240° byd 25 NM blo 2,500'

VOR unusable:

010°-019° byd 30 NM blo 6,000'

080°-085° byd 35 NM blo 2,500'

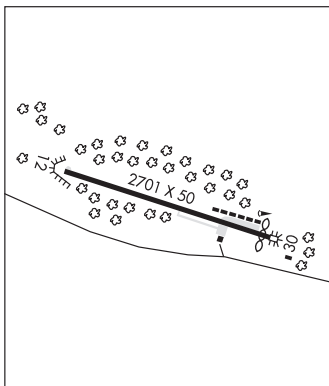
ROLLINS NDB (MHW) 260 ESG N43°13.22' W70°49.70' 168° 5.2 NM to fld. 77/16W. NOTAM FILE BGR.

ots indef

NDB unusable:

Byd 10 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



EXCAL N46°36.63' W68°01.13' NOTAM FILE PQL.

HALIFAX

NDB (LOM) 278 PQ 007° 4.8 NM to Northern Maine Rgnl Arprt at Presque Is.

L-321

FRENCHVILLE

NORTHERN AROOSTOOK RGNL (FVE)(KFVE) 3 E UTC-5(-4DT) N47°17.13' W68°18.76'

HALIFAX

987 B TPA—1987(1000) LRA NOTAM FILE FVE

L-32I

RWY 14-32: H4600X75 (ASPH) S-25 MIRL

IAP

RWY 14: REIL. Ground.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and 32—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z†, Sat and Sun 1500-2100Z†. For fuel after hrs call arpt manager 207-436-1379. Wildlife on or in/ovf arpt. Ldg fee.

AIRPORT MANAGER: 207-543-6300

WEATHER DATA SOURCES: ASOS 135.725 (207) 543-7456.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **BOSTON CENTER APP/DEP CON** 124.75

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (H) VOR/DME 116.4 PQI Chan 111 N46°46.45'

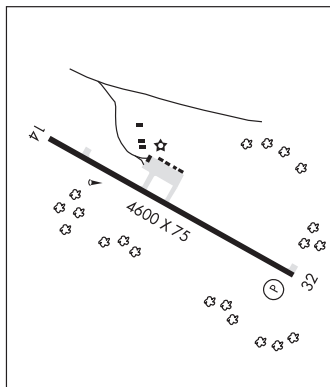
W68°05.67' 005° 32.0 NM to fld. 592/21W. **HIWAS.**

DME portion unusable:

180°-200° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.



FRYEBURG

EASTERN SLOPES RGNL (IZG)(KIZG) 3 SE UTC-5(-4DT) N43°59.47' W70°56.87'

NEW YORK

455 B NOTAM FILE IZG

L-32H

RWY 14-32: H4200X75 (ASPH) S-30 MIRL 0.8% up NW

IAP

RWY 14: Trees.

RWY 32: REIL. VASI(V2L)—GA 3.0° TCH 17'. Trees.

SERVICE: S4 FUEL 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. 24 hr credit card fuel. For 100LL call out fee, for Jet A after hrs 207-935-4711 (FBO). Birds and deer on and in/ovf arpt. Obstruction lgt'd hills in apch to Rwy 14 4500' north, 10000' northwest and 7000' southwest. Rwy 32 VASI unusable byd 7° left and right of centerline. Cold temperature rstd arpt. Alt correction required at or blo -18C.

AIRPORT MANAGER: 207-890-7636

WEATHER DATA SOURCES: ASOS 135.775 (207) 935-2882.

COMMUNICATIONS: CTAF/UNICOM 122.8

FRYEBURG RCO 122.55 (BANGOR RADIO)

Ⓡ **PORTLAND APP/DEP CON** 119.75 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 128.2 (0500-1045Z†)

CLNC DEL 122.55 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VOR/DME 117.1 ENE Chan 118 N43°25.54'

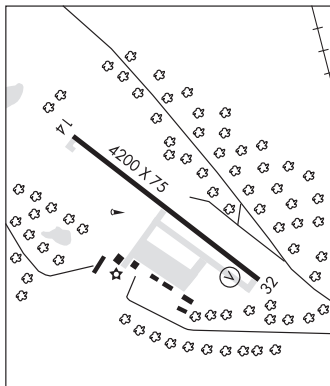
W70°36.81' 354° 36.9 NM to fld. 192/17W.

DME portion unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'



FRYEBURG N43°55.42' W70°56.75'

NEW YORK

RCO 122.55 (BANGOR RADIO)

L-32H

GILLESPIE FLD (See MEDDYBEMPS on page 72)

GREATON AIRFIELD (See SACO on page 80)

GREENVILLE

GREENVILLE SPB (52B) 0 N UTC-5(-4DT) N45°28.48' W69°36.23'

MONTREAL
L-32H
IAP

1028 NOTAM FILE BGR
WATERWAY 14-32: 6000X1200 (WATER)
WATERWAY 18-36: 5000X1000 (WATER)

SEAPLANE REMARKS: Unattended.
AIRPORT MANAGER: 207-695-3766
COMMUNICATIONS: CTAF 122.9

BOSTON CENTER APP/DEP CON 120.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 282° 46.4 NM to fld. 553/20W.
 DME unusable:
 330°-350° byd 35 NM blo 6,000'
 VOR portion unusable:
 330°-340° byd 35 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

GREENVILLE MUNI (3B1) 2 E UTC-5(-4DT) N45°27.77' W69°33.10'

MONTREAL
L-32H
IAP

1402 B NOTAM FILE BGR
RWY 14-32: H4000X75 (ASPH) S-12.5 MIRL 0.3% up NW
RWY 14: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RWY 32: PAPI(P4L)—GA 3.1° TCH 40'. Trees.
RWY 03-21: H3001X75 (ASPH) S-12.5 0.9% up NE
RWY 03: Tree.
RWY 21: Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. For Jet A fuel call 207-695-2993, For 100LL, 24 hr fuel availability with major credit card. For other svc call 207-695-0300 or 207-299-8220 (cell). Moose, deer and other wildlife on or invof arpt. Rwy 14 PAPI unusable byd 8° right of centerline. Cold temperature rstd arpt. Altitude correction required at or blo -21C/-6F.

AIRPORT MANAGER: 207-695-2421

WEATHER DATA SOURCES: AWOS-A (207) 695-2581 Altim relayed through unicom on request.

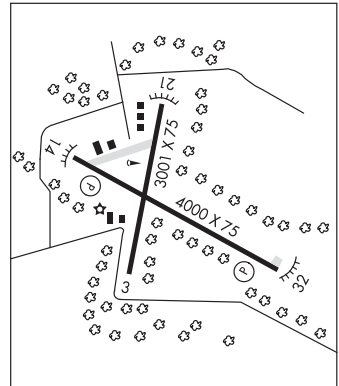
COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 120.25 **CLNC DEL** 122.3 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 281° 44.3 NM to fld. 553/20W.
 DME unusable:
 330°-350° byd 35 NM blo 6,000'
 VOR portion unusable:
 330°-340° byd 35 NM blo 6,000'



GREENVILLE JUNCTION

CURRIER'S SPB (21M) 0 N UTC-5(-4DT) N45°28.70' W69°37.16'

MONTREAL

1029 NOTAM FILE BGR
WATERWAY 18W-36W: 10000X3000 (WATER)
WATERWAY 36W: Rgt tfc.

SEAPLANE REMARKS: Attended May-Oct dalgt hrs. Nov-Apr unattended. SPB may be unusable from mid-Nov to mid-May due to fall ice formation and spring ice break-up and other adverse conditions. Acft may rqr skis during winter months due to frozen sfc conditions. For SPB conditions call 207-695-2778. 150' radio twr 200' W of sealane and 150' radio twr 1000' SW of sealane. Be alert for recreational boats during summer months and snowmobiles during winter months. Be alert, nearby Greenville SPB (1.1 mile east) and Greenville Muni (3.3 mile east) utilize 122.8 for UNICOM/CTAF.

AIRPORT MANAGER: 207-695-2778

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

GRIFFIN FLD (See LEVANT on page 69)

HANCOCK CO-BAR HARBOR (See BAR HARBOR on page 59)

HOULTON INTL (HUL)(KHUL) 2 E UTC-5(-4DT) N46°07.48' W67°47.54'HALIFAX
H-11D, L-321
IAP, AD

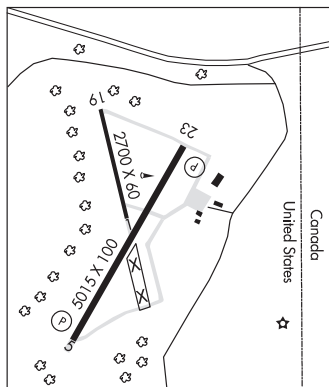
489 B AOE NOTAM FILE HUL

RWY 05-23: H5015X100 (ASPH) S-30, D-57 MIRL**RWY 05:** REIL. PAPI(P4L)—GA 3.0° TCH 43'. Tree.**RWY 23:** REIL. PAPI(P2L)—GA 3.0° TCH 51'. Tree.**RWY 01-19:** H2700X60 (ASPH)**RWY 19:** Tree.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 05-23 and REIL Rwy 05 and Rwy 23—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1200-2200Z±. For fuel after hrs call 207-532-9079 or 207-538-7997 (cell). Deer on and invof arpt. For after hrs access to terminal building use frequency 122.8. Flight Notification Service (ADCUS) available.**AIRPORT MANAGER:** 207-532-7111**WEATHER DATA SOURCES:** ASOS 132.025 (207) 532-1584.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO** 122.2 122.1R 116.1T (BANGOR RADIO)Ⓡ **BOSTON CENTER APP/DEP CON** 120.25**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE HUL.(H) **VOR/DME** 116.1 HUL Chan 108 N46°02.37'

W67°50.05' 040° 5.4 NM to fld. 862/21W.

VOR portion 175-190 unusable:

Byd 20 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**ISLESBORO** (57B) 1 W UTC-5(-4DT) N44°18.15' W68°54.64'

HALIFAX

88 NOTAM FILE BGR

RWY 01-19: H2400X50 (ASPH) 0.7% up N**RWY 01:** Thld dsplcd 250'. Trees.**RWY 19:** Road.**AIRPORT REMARKS:** Unattended. Arpt CLOSED ngts. Daytime use only. Deer on and invof arpt. No touch and go ops. NS ABTMT maintain rwy heading to 1000' AGL. Helipad northwest corner of ramp.**AIRPORT MANAGER:** 207-734-2253**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**JACKMAN****MOOSE RIVER SPB** (60B) 0 W UTC-5(-4DT) N45°38.00' W70°15.97'

MONTREAL

1157 LRA NOTAM FILE BGR

WATERWAY 09-27: 5500X200 (WATER)**WATERWAY 01-19:** 4000X4000 (WATER)**SEAPLANE REMARKS:** Unattended. For attendant call 207-668-7777 or 207-356-8794 (cell). Taxi past dock, make left-hand turn-a-round in river at wide area and be aware of boat canopies. Flight Notification Service (ADCUS) avbl.**AIRPORT MANAGER:** 207-668-3301**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NEWTON FLD (59B) 1 W UTC-5(-4DT) N45°37.97' W70°14.93'
 1178 B LRA NOTAM FILE BGR
RWY 13-31: H2898X60 (ASPH) MIRL
RWY 13: Trees.
RWY 31: REIL. Trees.
SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 13-31 and REIL Rwy 31—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with major credit card. Geese, deer and moose on and in/ov arpt. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 207-668-2111
WEATHER DATA SOURCES: AWOS-3 122.9.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL



KENNEBUNK N43°25.54' W70°36.81' NOTAM FILE BGR.
(H) VOR/DME 117.1 ENE Chan 118 262° 4.6 NM to Sanford Seacoast Rgnl. 192/17W.
 DME portion unusable:
 030°-184° byd 25 NM blo 2,000'
 185°-230° byd 25 NM blo 2,500'
 268°-278° byd 30 NM blo 4,600'
RCO 122.1R 117.1T (BANGOR RADIO)

NEW YORK
 H-11D, L-32H

KNOX CO RGNL (See ROCKLAND on page 80)

LAKESIDE MARINA SPB (See EAST WINTHROP on page 64)

LEVANT

GRIFFORT FLD (PG1) 2 E UTC-5(-4DT) N44°52.06' W68°58.63'
 200 NOTAM FILE BGR
RWY 11-29: 2440X175 (TURF)
RWY 11: P-line.
RWY 29: Trees.
RWY 04-22: 1800X60 (TURF) LIRL(NSTD)
RWY 04: Trees.
RWY 22: Trees.
SERVICE: FUEL MOGAS LGT ACTIVATE LIRL Rwy 04-22—CTAF.
AIRPORT REMARKS: Unattended. Phone 207-884-8283. Deer on and in/ov arpt. Windssock mounted on top of swing set, additional windssock near midpoint of Rwy 04-22. Rwy 04 additional 500' clear area byd thld at northeast end. Rwy 22-additional 160' clear area beyond thld lights at SW end. Rwy 29 pvt temp roadway across rwy 400' from end of rwy. Rwy 04 clearance slope to lights 5:1 due to 58' trees 315' from end of rwy, 135' left of centerline. Rwy 04-22 NSTD LIRL 300ft between lgts. Single green thld lgt on each side of thld.
AIRPORT MANAGER: 207-884-7656
COMMUNICATIONS: CTAF 122.9

MONTREAL

LEWIE N43°57.74' W70°20.28' NOTAM FILE LEW.
NDB (LOM) 240 LE 041° 5.7 NM to Auburn/Lewiston Muni. NDB unusable byd 12 NM.

NEW YORK
 L-32H

LIMINGTON-HARMON (63B) 3 N UTC-5(-4DT) N43°45.78' W70°40.35'
 292 TPA-1392(1100) NOTAM FILE BGR
RWY 11-29: H2973X50 (ASPH) LIRL(NSTD) 0.4% up W

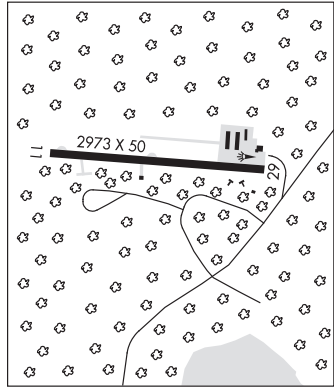
NEW YORK
L-32H

RWY 11: Trees.
RWY 29: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 11-29-CTAF.
AIRPORT REMARKS: Unattended. 24 hr self-serve fuel with major credit card. Wildlife on or in/ovf arpt. Rwy 11-29 NSTD LIRL. Rwy 29 has 2 thld lghts 320' from thld. Rwy 11 has 2 thld lgt 300' from thld. Rwy lghts spaced at 400', many lghts missing. Tree removal and grading underway on north side of rwy. Will continue on south side and west end when north side complete.

AIRPORT MANAGER: 207-637-2121
COMMUNICATIONS: CTAF/UNICOM 122.7
APP/DEP CON 119.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VOR/DME 117.1 ENE Chan 118 N43°25.54' W70°36.81' 010° 20.4 NM to fld. 192/17W.
 DME portion unusable:
 030°-184° byd 25 NM blo 2,000'
 185°-230° byd 25 NM blo 2,500'
 268°-278° byd 30 NM blo 4,600'



COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

LINCOLN RGNL (LRG)(KLRG) 2 SW UTC-5(-4DT) N45°21.73' W68°32.08'
 208 B NOTAM FILE BGR
RWY 17-35: H2804X75 (ASPH) S-25 MIRL 0.4% up S

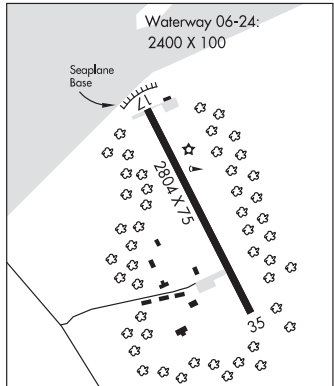
HALIFAX
L-32I
IAP

RWY 17: Trees.
RWY 35: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35-CTAF.
AIRPORT REMARKS: Unattended. 24 hr fuel with major credit card. Wildlife on or in/ovf arpt. Cold temperature rstd arpt. Altitude correction required at or blo -31C/-24F.

AIRPORT MANAGER: 207-794-3372
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 203° 13.5 NM to fld. 553/20W.
 DME unusable:
 330°-350° byd 35 NM blo 6,000'
 VOR portion unusable:
 330°-340° byd 35 NM blo 6,000'



COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

• • • • •

WATERWAY 06W-24W: 2400X100 (WATER)
WATERWAY 06W: P-line.
WATERWAY 24W: Trees.

SEAPLANE REMARKS: Rwy 06W-24W CLOSED indef. Rwy 06W-24W follow buoys under bridge during low water in summer.

LITTLEBROOK AIR PARK (See ELIOT on page 65)

LIVERMORE FALLS

BOWMAN FLD (B10) 4 SE UTC-5(-4DT) N44°24.60' W70°08.77'

MONTEAL

324 TPA—1674(1350) NOTAM FILE BGR

RWY 02-20: 2201X120 (TURF) 0.3% up N

RWY 02: Tree.

RWY 20: Tree.

AIRPORT REMARKS: Unattended. Rwy not plowed in winter, no ngt ops except in emerg. Rwy 02-20 soft in places after rain, call arpt manager for conditions. Rwy 02-20 190'X200' clear area byd thld to the northeast. Rwy 02-20 800'X160' clear area byd thld to Rwy 02 (southwest). Rwy 02 +40-70' trees first 800' from thld both sides. Rwy 02 end marked with yellow barrels at thlds, white 2' x 2' markers along sides. Rwy 20 end marked with yellow at thld and white 2' x 2' markers along sides.

AIRPORT MANAGER: 207-897-5104

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

LONG LAKE SPB (See SINCLAIR on page 81)

LONG LAKE SPB (See NAPLES on page 74)

LUBEC MUNI (65B) 2 W UTC-5(-4DT) N44°50.19' W67°01.62'

HALIFAX

85 B LRA NOTAM FILE BGR

RWY 08-26: 2024X100 (TURF-GRVL) LIRL

RWY 08: Trees.

RWY 26: Tree.

SERVICE: LGT ACTIVATE LIRL Rwy 08-26 and rotating bcn—CTAF.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Customs on request 207-733-4331.

AIRPORT MANAGER: 207-733-2341

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

LUCKY LANDING MARINA AND SPB SPB (See BANGOR on page 58)

MACHIAS VALLEY (MVM)(KMVM) 1 SW UTC-5(-4DT) N44°42.19' W67°28.72'

HALIFAX

96 B NOTAM FILE BGR

L-321

RWY 18-36: H2909X60 (ASPH) S-12.5 MIRL 0.9% up N

IAP

RWY 18: Trees.

RWY 36: REIL. Trees.

SERVICE: LGT ACTIVATE MIRL Rwy 18-36 and REIL Rwy 36—CTAF.

AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt.

AIRPORT MANAGER: 207-255-6621

WEATHER DATA SOURCES: AWOS-3 122.8 (207) 255-2511.

COMMUNICATIONS: CTAF/UNICOM 122.8

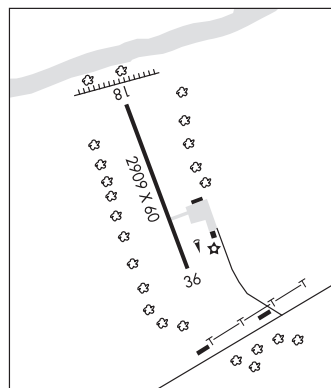
BOSTON CENTER APP/DEP CON 124.25

CLNC DEL 122.5 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 116° 60.2 NM to fld. 360/19W. **HIWAS.**



MEDDYBEMPS**GILLESPIE FLD** (66B) 1 W UTC-5(-4DT) N45°01.78' W67°21.96'

HALIFAX

200 NOTAM FILE BGR

RWY 16-34: 1635X50 (TURF) LIRL(NSTD)**RWY 16:** Trees.**RWY 34:** Trees.**SERVICE:** LGT Rwy 16-34 LIRL NSTD spacing and number; 2-red/green thld lights each end. Call ahead to 312-502-8307 for light activation.**AIRPORT REMARKS:** Unattended. Rwy not plowed winter months. 36' p-line 280' north of Rwy 16 marked with balls. Rwy 34 has +10-20' trees 30' left of centerline first 500' from thld. +3' berm 60' left of centerline 200-500' from thld. Rwy 16-34 outlined with white cones.**AIRPORT MANAGER:** (312) 502-8307**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** CInc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MERRYMEETING FLD (See BOWDOINHAM on page 61)

MILLINOCKET

MILLINOCKET SPB (70B) 7 NW UTC-5(-4DT) N45°43.70' W68°50.67'

HALIFAX

492 NOTAM FILE BGR

WATERWAY ALL-WAY: 4000X500 (WATER)

SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended May-Oct dawn-dusk. Water level fluctuates 15' +/- lowest in Sep and Oct. Preferred tkf and ldg direction for spb Rwy 04-22. Buoys have been added to identify rocks at low water levels. Location of buoys rqr tkf and ldg direction of Rwy 04-22 with buoys at outer edges of sea lane. Unlighted 199' cell twr located 2 SM at 132° from dock. Twr underlies downwind to baseleg of pattern when ldg to the southwest.

AIRPORT MANAGER: 207-723-8378

COMMUNICATIONS: CTAF 122.85

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF. Acft required to monitor 122.85.

MILLINOCKET MUNI (MLT)(KMLT) 1 SE UTC-5(-4DT) N45°38.87' W68°41.13'

HALIFAX

408 B NOTAM FILE MLT

L-321

RWY 11-29: H4713X99 (ASPH) S-30, D-44 MIRL

IAP

RWY 11: Bldg.

RWY 29: REIL. VASI(V4R)—GA 3.0° TCH 51'. Trees.

RWY 16-34: H4000X100 (ASPH) S-30, D-44 0.5% up NW

RWY 16: Trees.

RWY 34: Road.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 11-29, REIL Rwy 29 and VASI Rwy 29—CTAF. (3, 5, 7 clicks for increasing intensity).

AIRPORT REMARKS: Attended May-Nov 1300-2200Z± Dec-Apr Mon-Fri 1300-2200Z±, Sat-Sun unattended. Parachute Jumping. Fuel avbl 24 hrs with credit card. Wildlife on and invof arpt. +782' MSL communication/air quality monitoring twr located approximately 5200' from thld of Rwy 11 at 247°. Cold temperature rstd arpt. Altitude correction required at or blo -24°C/-11° F. Rwy 16-34 CLOSED winter months exc ski acft, snowbank crosses intersection Rwy 16-34 at Rwy 11-29 and along 1000' twy plowed center of Rwy 16-34 from intersection to south twy to ramp.

AIRPORT MANAGER: 207-723-6649

WEATHER DATA SOURCES: ASOS 135.225 (207) 723-8396.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 117.9T (BANGOR RADIO)

RCO 123.6 (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 120.25

CLNC DEL 123.6 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

(H) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 317° 8.0 NM to fld. 553/20W.

DME unusable:

330°-350° byd 35 NM blo 6,000'

VOR portion unusable:

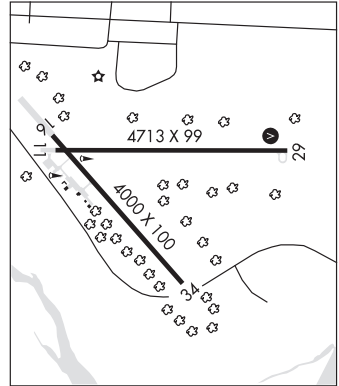
330°-340° byd 35 NM blo 6,000'

MILNOT NDB (H) 344 LNT N45°38.92' W68°33.02' 287° 5.7 NM to fld. 277/17W. NDB unmonitored.

NDB unusable:

Byd 15 NM

LOC 108.9 I-MLT Rwy 29.



MILLINOCKET N45°35.20' W68°30.93' NOTAM FILE MLT.

HALIFAX

(H) VOR/DME 117.9 MLT Chan 126 317° 8.0 NM to Millinocket Muni. 553/20W.

H-11D, L-321

DME unusable:

330°-350° byd 35 NM blo 6,000'

VOR portion unusable:

330°-340° byd 35 NM blo 6,000'

RCO 123.6 (BANGOR RADIO)

RCO 122.1R 117.9T (BANGOR RADIO)

MILNOT N45°38.92' W68°33.02' NOTAM FILE MLT.

HALIFAX

NDB (H) 344 LNT 287° 5.7 NM to Millinocket Muni. 277/17W. NDB unmonitored.

L-321

NDB unusable:

Byd 15 NM

MOOSE RIVER SPB (See JACKMAN on page 68)

MOUNT VERNON**SEVEN G S SPB** (75B) 1 S UTC-5(-4DT) N44°29.57' W69°59.43'

MONTREAL

329 NOTAM FILE BGR

WATERWAY 04-22: 2500X200 (WATER)**WATERWAY 04:** Trees.**WATERWAY 22:** Bldg.**SEAPLANE REMARKS:** Unattended. SPB is clsd indef-perm closure will follow.**AIRPORT MANAGER:** 207-293-9999**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**NAPLES****BRANDY POND SPB** (5ME) 1 SE UTC-5(-4DT) N43°57.23' W70°35.25'

NEW YORK

268 NOTAM FILE BGR

WATERWAY 17W-35W: 7200X600 (WATER)**SERVICE:** S2 FUEL 100LL**SEAPLANE REMARKS:** Attended May-Oct Mon-Fri 1300-2200Z†, Nov-Apr unattended. Follow channel markers to avoid shallow water, turn west after 3rd marker to dock. Jun-Aug heavy boat tfc on lake.**AIRPORT MANAGER:** (207) 838-3548**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del through FLIGHT SERVICES 1-800-WX-BRIEF.**LONG LAKE SPB** (76B) 1 NE UTC-5(-4DT) N43°59.22' W70°37.11'

NEW YORK

268 NOTAM FILE BGR

WATERWAY 16-34: 15000X3960 (WATER)**SERVICE:** FUEL 100LL**SEAPLANE REMARKS:** Attended Jun-Aug 1400Z†-dusk. Emergency fuel only.**AIRPORT MANAGER:** (207) 838-3548**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**NEWTON FLD** (See JACKMAN on page 69)**NORCROSS(MILLINOCKET)****BUCKHORN CAMPS SPB** (78B) 0 NE UTC-5(-4DT) N45°39.25' W68°56.97'

HALIFAX

500 NOTAM FILE BGR

WATERWAY NW-SE: 4000X500 (WATER)**WATERWAY NW:** Trees.**WATERWAY SE:** Trees.**WATERWAY E-W:** 3000X500 (WATER)**WATERWAY E:** Trees.**WATERWAY W:** Trees.**SEAPLANE REMARKS:** Unattended. Many shallow rocky areas during low water conditions in middle of lake. Many shallow rocky areas around the docking area. Shallow areas with rocks near island west of the NW/SE sea lane.**AIRPORT MANAGER:** 508-400-6274**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NORRIDGEWOCK

CENTRAL MAINE ARPT OF NORRIDGEWOCK (OWK)(KOWK) 4 W UTC-5(-4DT) N44°42.93'

MONTREAL
L-32H
IAP

W69°51.99'
270 B NOTAM FILE BGR
RWY 15-33: H4000X100 (ASPH) S-30, D-60 MIRL
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.
RWY 33: REIL. Trees.

RWY 03-21: H3998X80 (ASPH) S-30, D-60
RWY 03: Trees.
RWY 21: Trees.

SERVICE: S4 FUEL 100LL, MOGAS LGT ACTIVATE MIRL Rwy 15-33 and REIL Rwy 15 and Rwy 33, PAPI Rwy 15—CTAF.

AIRPORT REMARKS: Attended 1300-1900Z±. 24 hr fuel avbl with major credit card. Birds and deer on and invof arpt. Rwy 21 has 30' dropoff 100' from end of rwy.

AIRPORT MANAGER: 207-634-2252
WEATHER DATA SOURCES: AWOS-AV 122.8.

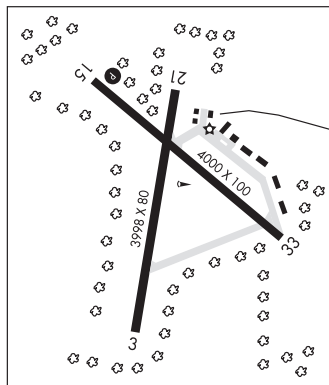
COMMUNICATIONS: CTAF/UNICOM 122.8

- Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045-0500Z±)
- Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20'
W69°47.79' 011° 23.9 NM to fld. 349/18W.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



NORTHERN AROOSTOOK RGNL (See FRENCHVILLE on page 66)

NORTHERN MAINE RGNL SPB (See PRESQUE ISLE on page 77)

NORTHERN MAINE RGNL ARPT AT PRESQUE IS (See PRESQUE ISLE on page 78)

NOXKS N44°05.61' W69°13.14' NOTAM FILE RKD.
NDB (LOM) 334 RM 129° 5.6 NM to Knox Co Rgnl.

MONTREAL
L-32H

NUGENT CHAMBERLAIN LAKE SPB (See CHESUNCOOK on page 63)

OLD TOWN

DEWITT FLD, OLD TOWN MUNI (OLD)(KOLD) 2 NW UTC-5(-4DT) N44°57.15' W68°40.46'

HALIFAX
L-321
IAP

127 B LRA NOTAM FILE BGR
RWY 12-30: H3998X100 (ASPH) S-30 MIRL
RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 4.0° TCH 40'. Trees.
RWY 04-22: H3199X75 (ASPH) S-37, D-45 MIRL
RWY 04: REIL. Trees.

RWY 22: PAPI(P4L)—GA 4.0° TCH 41'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE REIL Rwy 04, PAPI Rwy 22, MIRL Rwy 04-22, PAPI Rwy 30—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. 24 hr fuel with major credit card. Waterfowl, turkeys and deer on or invof arpt. Rwy 04-22 large transverse cracks in rwy width 2" pavement differential. Flight Notification Svc (ADCUS) avbl.

AIRPORT MANAGER: (207) 827-7175

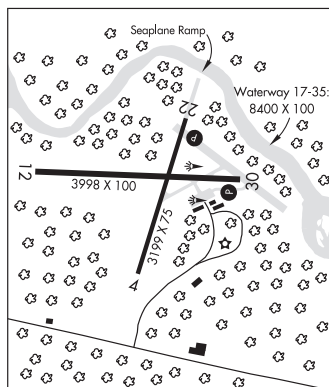
COMMUNICATIONS: CTAF/UNICOM 122.8

- Ⓡ **BANGOR APP/DEP CON** 118.925 124.5

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'
W68°52.44' 071° 10.8 NM to fld. 360/19W. **HIWAS.**

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



• • • • •
WATERWAY 17W-35W: 8400X100 (WATER)

OXFORD CO RGNL (81B) 2 E UTC-5(-4DT) N44°09.45' W70°28.86'

345 B NOTAM FILE BGR

RWY 15-33: H2997X75 (ASPH) S-25 MIRL 0.3% up NW

RWY 15: Trees.

SERVICE: S4 FUEL 100LL OX 1, 2, 3, 4 LGT ACTIVATE MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2130Z†. For fuel or maintenance call 207-539-6056. Wildlife on or in/ovf arpt. Rwy 15-33 has 2 inch drop-offs located on all sides and thlds.

AIRPORT MANAGER: 207-743-6359

COMMUNICATIONS: CTAF/UNICOM 122.8

PORTLAND APP/DEP CON 125.5 (1045-0500Z†)

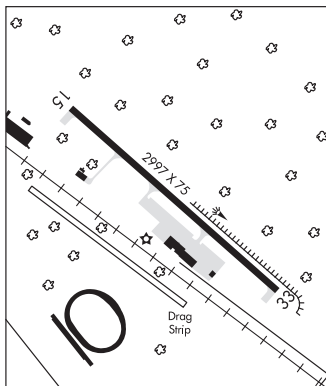
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DEP 111.4 AUG Chan 51 N44°19.20' W69°47.79' 270° 31.1 NM to fld. 349/18W.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL
L-32H
IAP



PATTEN

SHIN POND SPB (85B) 8 NW UTC-5(-4DT) N46°05.60' W68°33.86'

778 NOTAM FILE BGR

WATERWAY 02-20: 6000X200 (WATER)

SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended dalgt hrs. Fuel avbl in emerg only. Numerous boats and canoes on lake. Call 207-528-2626 for svc.

AIRPORT MANAGER: 207-528-2626

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

HALIFAX

PITTSFIELD MUNI (2B7) 1 SE UTC-5(-4DT) N44°46.11' W69°22.47'

197 B NOTAM FILE BGR

RWY 18-36: H4003X100 (ASPH) S-38, D-49 MIRL 0.5% up N

RWY 18: REIL. Trees.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

SERVICE: S4 FUEL 100LL, JET A, A1+ LGT ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 36 and REIL Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1200-2200Z†. 100LL fuel after hrs call 207-232-2318. Parachute activity on weekends at arpt. Deer on all rws at night.

AIRPORT MANAGER: 207-487-3136

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BANGOR APP/DEP CON** 118.925

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTAC 114.8 BGR Chan 95 N44°50.51' W68°52.44' 278° 21.8 NM to fld. 360/19W. HIWAS.

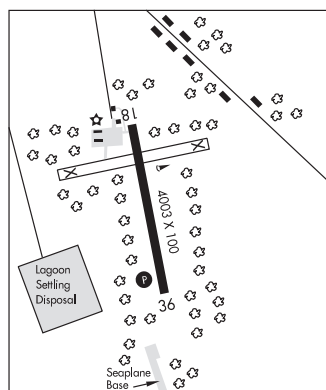
BURNHAM NDB (MHW) 348 BUP N44°41.86' W69°21.52' 009° 4.3 NM to fld. 195/18W.

NDB unusable:

Byd 20 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MONTREAL
L-32H
IAP



PORTAGE LAKE MUNI SPB (87B) 1 W UTC-5(-4DT) N46°45.62' W68°28.85'

608 NOTAM FILE BGR

WATERWAY 02-20: 5000X500 (WATER)

WATERWAY 15-33: 5000X500 (WATER)

SEAPLANE REMARKS: Unattended.

AIRPORT MANAGER: 207-435-4361

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

HALIFAX

PORTLAND INTL JETPORT (PWM)(KPWM) 2 W UTC-5(-4DT) N43°38.74' W70°18.52'

NEW YORK
H-11D, L-32H
IAP, AD

76 B TPA-1076(1000) LRA Class I, ARFF Index B NOTAM FILE PWM

RWY 11-29: H7200X150 (ASPH-GRVD) S-75, D-169, 2S-175, 2D-300 HIRL CL 0.5% up W
RWY 11: ALSF2. TDZL. PAPI(P4R)-GA 3.0° TCH 52'. RVR-TMR Trees.

RWY 29: MALSR. PAPI(P4R)-GA 3.0° TCH 50'. RVR-TMR Tree.

RWY 18-36: H6100X150 (ASPH-GRVD) S-75, D-165, 2D-300 MIRL

RWY 18: REIL. PAPI(P4L)-GA 3.0° TCH 50'. Thld dspclcd 450'. Tree.

RWY 36: REIL. PAPI(P4L)-GA 3.25° TCH 54'. Thld dspclcd 500'. Tree.

LAND AND HOLD-SHORT OPERATIONS

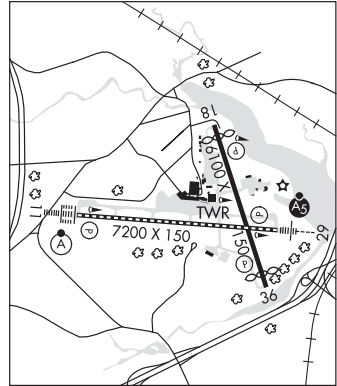
LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 11	18-36	5800
RWY 18	11-29	3100

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-7200 TODA-7200 ASDA-7200 LDA-7200
RWY 18: TORA-6100 TODA-6100 ASDA-5600 LDA-5150
RWY 29: TORA-7200 TODA-7200 ASDA-7200 LDA-7200
RWY 36: TORA-6100 TODA-6100 ASDA-5650 LDA-5150

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy 11 touchdown

zone lgts unavbl when twr is clsd. Rwy 11 ALSF-II becomes SSALR when twr is clsd. When twr clsd, Rwy 11-29 HIRL and centerline lgts and MIRL Rwy 18-36 preset on med ints only. ACTIVATE MALSR Rwy 29, and REIL Rwy 18 and Rwy 36-CTAF.



AIRPORT REMARKS: Attended 1100-0300Z†. For fuel after hrs call 207-774-6318 or 207-347-0445. Birds occasionally on and in/ovf arpt. Acft emerg between 0500-1045Z† call 1-207-874-8576. Twy A east of Rwy 18-36 clsd to acft with wingspan greater than 135'. No touch and go lgts during snow removal. PAEW adjacent to rwys ngts, ground vehicles monitor 120.9 when twr clsd. Maintenance run-ups Rwy 11 run-up area only. Prior to any run-ups, or for NS ABTMT information, ctc the arpt operations center on frequency 129.95 or call 207-756-8310. GA Customs/Immigration facility located at FSDO ramp. Landing rights arpt (LRA). Ga customs/immigration facility located at cargo apron. Acft arriving/departing customs must use extreme caution when navigating on the cargo apron to minimize jet blast exposure to hangars and acft. Flight Notification Svc (ADCUS) avbl.

AIRPORT MANAGER: 207-756-8310

WEATHER DATA SOURCES: ASOS (207) 874-7914

COMMUNICATIONS: CTAF 120.9 ATIS 119.05 (207) 775-1039 UNICOM 122.95

Ⓡ APP/DEP CON 119.75 (CASCO) 125.5 (LEWISTON) (1045-0500Z†)

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (0500-1045Z†)

TOWER 120.9 (1045-0500Z†) GND CON 121.9

CLNC DEL 121.9

AIRSPACE: CLASS C svc ctc APP CON svc 1045-0500Z† other times CLASS E.

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VOR/DME 117.1 ENE Chan 118 N43°25.54' W70°36.81' 062° 18.7 NM to fld. 192/17W.

DME portion unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'

ILS/DME 109.9 I-PWM Chan 36 Rwy 11. Class IIIE.

ILS/DME 109.9 I-GCS Chan 36 Rwy 29. Class II.

COMM/NAV/WEATHER REMARKS: Communications avbl on ground thru BANGOR RADIO on frequency 120.9 when twr clsd. Twr occasionally stays open byd 0500Z† during adverse wx.

PRESQUE ISLE

NORTHERN MAINE RGNL SPB (83B) 2 NW UTC-5(-4DT) N46°42.36' W68°03.64'

HALIFAX

500 TPA-1800(1300) NOTAM FILE BGR

WATERWAY 01-19: 6000X300 (WATER)

WATERWAY 01: Trees.

WATERWAY 19: Trees. Rgt tfc.

SEAPLANE REMARKS: Unattended. Rising terrain west side of lake. Arpt located northwest of Northern Maine Rgnl Arpt, Presque Isle which has UNICOM frequency 122.8, clear-green rotating bcn, and windcone.

AIRPORT MANAGER: 207-764-2550

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NORTHERN MAINE RGNL ARPT AT PRESQUE IS (PQI)(KPQI) 1 NW UTC-5(-4DT) N46°41.34'HALIFAX
H-11D, L-321
IAP

W68°02.69'

534 B LRA Class I, ARFF Index A NOTAM FILE PQI

RWY 01-19: H7439X150 (ASPH) S-100, D-150, 2D-240

PCN 94 F/A/W/T HIRL 1.1% up N

RWY 01: MALSR.**RWY 19:** REIL. PAPI(P4L)—GA 3.7° TCH 50'. Trees.**RWY 10-28:** H6001X100 (ASPH) S-100, D-150, 2D-240

PCN 94 F/A/W/T MIRL

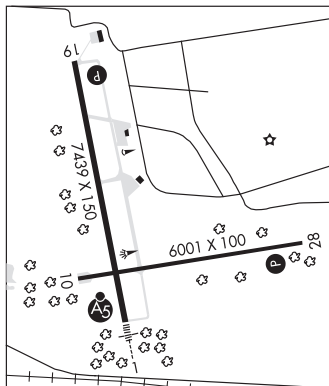
RWY 28: PAPI(P4L)—GA 3.0° TCH 45'. Railroad.**SERVICE:** S2 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 01-19, MIRL Rwy 10-28, MALSR Rwy 01, REIL Rwy 19 and PAPI Rwys 19 and 28-122.6.**AIRPORT REMARKS:** Attended 1100-0000Z±. ARFF Index clsd to unscheduled air carrier ops with more than 30 passenger seats, exc PPR call arpt manager 207-764-2550. PAEW adjacent to rwys and twys (mowing) May 1 thru Nov 1. Cold temperature rstd arpt. Altitude correction required at or blo -30°C. Flight Notification Service (ADCUS) available.**AIRPORT MANAGER:** 207-764-2550**WEATHER DATA SOURCES:** AWOS-3PT 118.025 (207) 764-7248. HIWAS 116.4 PQI.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 124.75

AIRSPACE: CLASS E svc le 1000-0200Z± Mon-Sat, 1300-0200Z± Sun other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PQI.**PRESQUE ISLE (H) VORW/DME** 116.4 PQI Chan 111 N46°46.45' W68°05.67' 179° 5.5 NM to fld. 592/21W. HIWAS.

DME portion unusable:

180°-200° byd 30 NM blo 3,400'

EXCAL NDB (LOM) 278 PQ N46°36.63' W68°01.13' 007° 4.8 NM to fld.**ILS** 108.7 I-PQI Rwy 01. Class IE. LOM EXCAL NDB. Unmonitored indef.**PRESQUE ISLE** N46°46.45' W68°05.67' NOTAM FILE PQI.HALIFAX
H-11D, L-321**(H) VORW/DME** 116.4 PQI Chan 111 179° 5.5 NM to Northern Maine Rgnl Arpt at Presque Is. 592/21W. HIWAS.

DME portion unusable:

180°-200° byd 30 NM blo 3,400'

PRINCETON MUNI (PNN)(KPNN) 2 S UTC-5(-4DT) N45°12.04' W67°33.86'HALIFAX
L-321
IAP

266 B LRA NOTAM FILE BGR

RWY 15-33: H4005X100 (ASPH) S-31, D-38 MIRL 0.7% up NW**RWY 15:** VASI(V4L)—GA 3.0° TCH 51'. Trees.**RWY 33:** Trees.**RWY 06-24:** H3998X150 (ASPH)**RWY 06:** Trees.**RWY 24:** Thld dsplcd 503'. Trees.**SERVICE:** LGT ACTIVATE NSTD MIRL Rwy 15-33 and VASI Rwy 15 and AWOS—CTAF.**AIRPORT REMARKS:** Unattended. Rwy 06-24 CLOSED to acct indef - pavement unusable. 100LL fuel not avbl. Wildlife on or invof arpt. Pavement unuseable. No line of sight exists between ends of Rwy 15-33. Flight Notification Service (ADCUS) available.**AIRPORT MANAGER:** 207-796-2847**WEATHER DATA SOURCES:** AWOS-AV 122.8.**COMMUNICATIONS:** CTAF/UNICOM 122.7

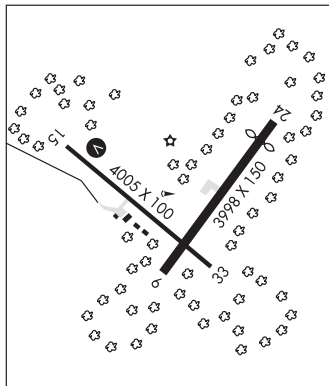
BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.**(L) DME** 114.3 PNN Chan 90 N45°19.75'

W67°42.25' 163° 9.7 NM to fld. 398/21W.

DME unusable:

300°-330° blo 4,500 byd 25 NM'

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF. Activate UNICOM three clicks.

RANGELEY

RANGELEY LAKE SPB (M57) 2 N UTC-5(-4DT) N44°57.20' W70°39.78'

MONTREAL
L-32H
IAP

1518 NOTAM FILE BGR
WATERWAY 06-24: 7000X1000 (WATER)
SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended May-Oct. Significant boat activity in summer months.

AIRPORT MANAGER: 207-864-5307

COMMUNICATIONS: CTAF 122.9

BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.00' W71°11.17' 066° 29.5 NM to fld. 1731/17W.
HIWAS.

VOR/DME unusable:
120°-130° blo 6,500'
160°-180° blo 6,000'
295°-305° blo 6,000'

NDB (MHW) 221 RQM N44°56.08' W70°45.07' 091° 3.9 NM to fld. 1593/18W. NOTAM FILE BGR. NDB unmonitored.

NDB unusable:
Byd 18 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

STEVEN A BEAN MUNI (8BØ) 2 NW UTC-5(-4DT) N44°59.51' W70°39.88'

MONTREAL
L-32H
IAP

1825 B NOTAM FILE BGR
RWY 14-32: H3201X75 (ASPH) S-13 MIRL

RWY 14: REIL.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 14-32 and REIL and PAPI on Rwy 32—122.8.

AIRPORT REMARKS: Unattended. For fuel, call 207-864-5307 or 207-252-6630. Migratory birds on and in/ov arpt. Military ops in area (F-16 and A-10 acft).

AIRPORT MANAGER: 207-864-3326

WEATHER DATA SOURCES: AWOS-3PT 118.000 (207) 864-5250.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

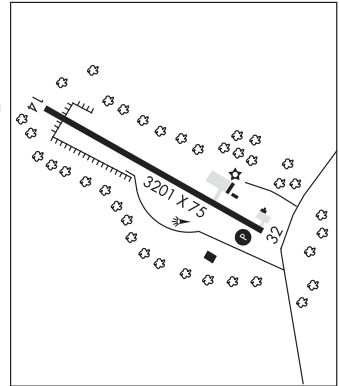
BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.00' W71°11.17' 063° 31.0 NM to fld. 1731/17W. HIWAS.

VOR/DME unusable:
120°-130° blo 6,500'
160°-180° blo 6,000'
295°-305° blo 6,000'

RANGELEY NDB (MHW) 221 RQM N44°56.08' W70°45.07' 065° 5.0 NM to fld. 1593/18W. NOTAM FILE BGR. NDB unmonitored.

NDB unusable:
Byd 18 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



ROCKLAND

KNOX CO RGNL (RKD)(KRKD) 3 S UTC-5(-4DT) N44°03.60' W69°05.96'

MONTREAL
H-11D, L-32H
IAP

55 B NOTAM FILE RKD

RWY 13-31: H5007X100 (ASPH-GRVD) S-65, D-80, 2S-83 HIRL

RWY 13: MALSR. PAPI(P4R)—GA 3.0° TCH 51'. Trees.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 03-21: H4000X100 (ASPH) S-65, D-80, 2S-83 MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 34'. Trees.

RWY 21: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 13: TORA-5007 TODA-5007 ASDA-5007 LDA-5007

RWY 21: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 31: TORA-5007 TODA-5007 ASDA-5007 LDA-5007

SERVICE: S4 FUEL 100LL, JET A QX 2, 4 LGT ACTIVATE MIRL Rwy 03-21, HIRL Rwy 13-31, MALSR Rwy 13, PAPI Rws 03, 13, 31, and REIL Rws 03 and 31—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1100-2200Z. Arpt may be unattended from 0300-1100Z. Rwy conditions may not be avbl weekends and SS-1200Z. Mon, Thu, Fri. Seagulls and deer on and invof arpt. Voluntary ngt curfew in effect 0330-1100Z. NS ABTMT procedures in effect, call 207-596-0617. PAPI Rwy 31 unusable by 7° left and right of course.

AIRPORT MANAGER: 207-594-4131

WEATHER DATA SOURCES: AWOS-3PT 119.025 (207) 594-7946.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PORTLAND APP/DEP CON** 120.4 (1045-0500Z)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z)

CLNC DEL 123.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 135° 33.9 NM to fld. 349/18W.

SPRUCEHEAD NDB (MHW) 356 SUH N44°03.01' W69°06.30' at fld. 35/18W. NOTAM FILE RKD. NDB unmonitored.

NOXKS NDB (LOM) 334 RM N44°05.61' W69°13.14' 129° 5.6 NM to fld.

ILS/DME 111.7 I-RMZ Chan 54 Rwy 13. LOM NOXKS NDB.



SACO

GREATON AIRFIELD (98M) 6 NW UTC-5(-4DT) N43°34.54' W70°31.13'

NEW YORK

170 NOTAM FILE BGR

RWY 06-24: 2200X50 (TURF)

RWY 06: Trees.

RWY 24: Trees.

AIRPORT REMARKS: Unattended. Rwy not plowed during winter months. Tiedowns not supplied. Wildlife invof arpt. Rwy 06-24 has +35-85' trees 60' to 90' from centerline both sides. Rwy 06-24 is gently rolling for entire length.

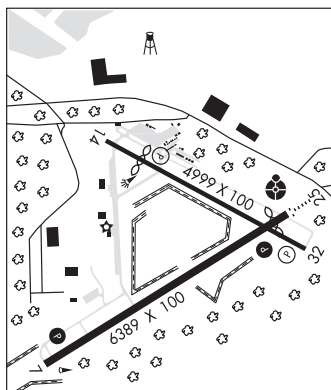
AIRPORT MANAGER: 207-283-1298

COMMUNICATIONS: CTAF 122.9

SANFORD SEACOAST RGNL (SFM)(KFSM) 4 SE UTC-5(-4DT) N43°23.63' W70°42.48'
244 B NOTAM FILE SFM

NEW YORK
H-11D, 12K, L-32H
IAP

RWY 07-25: H6389X100 (ASPH-GRVD) S-65, D-100 HIRL
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Tree.
RWY 25: ODALS. PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 388'. Tree.
RWY 14-32: H4999X100 (ASPH) D-72, 2S-91 MIRL 0.3% up NW
RWY 14: PAPI(P4L)—GA 4.0° TCH 21'. Thld dsplcd 885'. Tree.
RWY 32: PAPI(P4L)—GA 3.0° TCH 34'. Tree.



SERVICE: S4 **FUEL** 100LL, JET A, MOGAS **OX 3, 4 LGT** ACTIVATE HIRL
Rwy 07-25, MIRL Rwy 14-32, PAPI Rwy 07 and Rwy 25, REIL Rwy 07, ODALS Rwy 25 and all twy lgts—CTAF. Twy lgts inop dalgt hrs.

AIRPORT REMARKS: Attended 1200Z±-dusk. Conditions not monitored daily 2100-1200Z±. 24 hr fuel avbl with major credit card for 100LL, Jet A and MOGAS. Wildlife on and in/ov arpt. Glider ops on and in/ov arpt. Calm wind preferred Rwy 32. Rwy 07 VGSI and ILS glide path not coincident.

AIRPORT MANAGER: 207-608-4100

WEATHER DATA SOURCES: AWOS-3PT 120.025 (207) 324-1958.

COMMUNICATIONS: CTAF/UNICOM 123.075

WATERBORO RCO 122.25 (BANGOR RADIO)

Ⓡ **PORTLAND APP/DEP CON** 119.75

CLNC DEL 121.725

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VOR/DME 117.1 ENE Chan 118 N43°25.54' W70°36.81' 262° 4.6 NM to fld. 192/17W.

DME portion unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'

ILS 111.5 I-SFM Rwy 07. Class IB.

SEVEN G S SPB (See MOUNT VERNON on page 74)

SHIN POND SPB (See PATTEN on page 76)

SINCLAIR

LONG LAKE SPB (92B) 3 NE UTC-5(-4DT) N47°11.59' W68°13.89'

HALIFAX

581 B NOTAM FILE BGR

WATERWAY 15-33: 25000X4000 (WATER)

WATERWAY 07-25: 15800X2640 (WATER)

SERVICE: FUEL MOGAS

SEAPLANE REMARKS: Attended 1400Z±-dusk. For arpt attendance after hrs call 207-543-7584. For fuel after hrs call 207-543-7584. Fuel contains ethanol. If necessary, telephone avbl near dock to cancel fit plan.

AIRPORT MANAGER: 207-543-7584

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

SPRUCEHEAD N44°03.01' W69°06.30' NOTAM FILE RKD.

NEW YORK

NDB (MHV) 356 SUH at Knox Co Rgnl. 35/18W. NDB unmonitored.

L-32H

STEVEN A BEAN MUNI (See RANGELEY on page 79)

STONINGTON MUNI (93B) 1 NW UTC-5(-4DT) N44°10.39' W68°40.82'

HALIFAX

32 NOTAM FILE BGR

RWY 07-25: H2099X60 (ASPH) 0.3% up W

RWY 07: Trees.

RWY 25: Trees.

AIRPORT REMARKS: Unattended. Dalgt use only. Use extreme care seagulls on and in/ov arpt. Trees and brush in primary sfc some as close as 60' from centerline. Use of Rwy 07 turn-a-round not recommended due to broken and rough pavement.

Rwy 07 numbers size are NSTD centerline missing for south half of rwy. Rwy 25 numbers and centerline are NSTD.

AIRPORT MANAGER: 207-367-2351

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

SUGARLOAF RGNL (See CARRABASSETT on page 62)

SWANS FLD (See DIXFIELD on page 64)

SWANS ISLAND**BANKS** (ME5) 5 N UTC-5(-4DT) N44°09.92' W68°25.69'

HALIFAX

100 NOTAM FILE BGR

RWY 10-28: 1500X30 (GRVL)**RWY 10:** Tree.**RWY 28:** Thld dsplcd 300'. Bldg.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 10:** TORA-1500 TODA-1500 ASDA-1500 LDA-1500**RWY 28:** TORA-1500 TODA-1500 ASDA-1500 LDA-1200**AIRPORT REMARKS:** Unattended. Prior to using arpt call 207-460-1113. All ops rstd to dalgt VFR only. Wildlife on or invof arpt. Rwy 10-28 +6' rock ledge 50' from centerline south side of arpt. Rwy 10 has +15' trees 50' rgt of centerline 430' from thld. Rwy 10-28 sfc rough with large stones, steep gradients and no line of sight between ends. Rock drainage swale across 600' from Rwy 28, approximately 40' wide at centerline.**AIRPORT MANAGER:** 207-460-1113**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

.

HELIPAD H1: H40X40 (CONC)**HELIPORT REMARKS:** Ingress and egress to helipad between 130° and 320°.

TURNER**TWITCHELL** (3B5) 4 S UTC-5(-4DT) N44°11.34' W70°13.97'

NEW YORK

355 NOTAM FILE BGR

RWY 11-29: 2151X100 (TURF)**RWY 11:** Road.**RWY 29:** Trees.**RWY 12-30:** H2104X50 (ASPH) S-8.5 0.3% up W**RWY 12:** Trees.**RWY 30:** Trees.**SERVICE:** S4 FUEL 100LL, MOGAS**AIRPORT REMARKS:** Attended 1300-2200Z±. For fuel maintenance or seaplane information call 207-225-3490. Emerg phone 207-754-1160. Geeses on or invof arpt. Rwy 11 has +38' P-line 140-180' from thld marked with balls across apch. Rwy 29, +20' pole 145' from end of rwy, 30' right of centerline, +25'. Bldg 145' from end of rwy, 90' right of centerline. Rwy 12-30 numbers and centerline NSTD lenght and width.**AIRPORT MANAGER:** 207-225-3490**COMMUNICATIONS:** CTAF/UNICOM 122.8**APP/DEP CON** 125.5**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

.

WATERWAY 04W-22W: 10000X1000 (WATER)**WATERWAY 04W:** Trees.**WATERWAY 22W:** Trees.**WATERWAY 15W-33W:** 5000X1000 (WATER)

TWITCHELL (See TURNER on page 82)**VAN BUREN SPB** (Ø5B) 0 N UTC-5(-4DT) N47°09.54' W67°55.92'

HALIFAX

440 LRA NOTAM FILE BGR

WATERWAY NW-SE: 4000X200 (WATER)**WATERWAY SE:** Bridge.**SEAPLANE REMARKS:** Unattended. Clsd Oct 15-May 15 yearly. Access difficult due to construction of new border patrol facility. Dock located near base of bridge. Flight Notification Service (ADCUS) available. U.S. Customs avbl 24 hrs, 207-868-3391.**AIRPORT MANAGER:** 207-868-2886**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

WALES (ME6) 2 SSW UTC-5(-4DT) N44°10.47' W70°01.14'
 210 NOTAM FILE BGR
RWY 04-22: 2100X80 (TURF)
RWY 04: Ground.
RWY 22: Tree.

MONTREAL

AIRPORT REMARKS: Unattended. Arprt CLOSED Nov-May, exc for skiing. Rwy 04-22 soft in spring, call prior to ldg 207-754-1372. Acft should monitor 122.8 invof arprt. 1239' MSL twr 7000' SE and 968' MSL twr 9600' S-SE of arprt. Twr 9500' south. Rwy 04 NSTD markings, has white plastic barrel markers along side of rwy with thld marked with single plastic white barrel. Rwy 22 NSTD markings, has white plastic barrel markers along side of rwy with thld marked with single plastic white barrel. FCLP equipment directly adjacent to left side of Rwy 10 1335-1725' approach end. FCLP equipment directly adjacent to left side of Rwy 28 1340-1725' from approach end.

AIRPORT MANAGER: (207) 754-1372

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

WATERBORO N43°33.28' W70°45.42'
 RCO 122.25 (BANGOR RADIO)

NEW YORK
 L-32H

WATERVILLE ROBERT LAFLEUR (WVL)(KWVL) 2 SW UTC-5(-4DT) N44°32.00' W69°40.53'
 333 B NOTAM FILE WVL
RWY 05-23: H5500X100 (ASPH) S-40, D-60, 2D-105 HIRL
 1.2% up NE
RWY 05: MALSF. VASI(V4L)—GA 3.0° TCH 51'. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.
RWY 14-32: H2301X60 (ASPH) S-25 0.4% up NW
RWY 14: Trees.
RWY 32: Trees.

MONTREAL
 H-11D, L-32H
 IAP

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE HIRL
 Rwy 05-23, MALSF Rwy 05 and VASI Rwy 05—CTAF.

AIRPORT REMARKS: Attended May-Oct 1300-2300Z†, Nov-Apr 1300-2100Z†. For fuel after hrs 207-314-7730 (fee charged). Numerous seagulls on and within 1.5 miles of arprt. Deer on and invof arprt. Wild turkeys within arprt perimeter fence. Rwy 14 hold position markings missing. Avoid hospital one mile north. Helicopter ops paved areas only. Acft de-icing avbl.

AIRPORT MANAGER: 207-861-8013

WEATHER DATA SOURCES: AWOS-3PT 118.375 (207) 877-0519.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045-0500Z†) **CLNC DEL** 124.6

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 040° 13.8 NM to fld. 349/18W.

ILS/DME 110.5 I-RLU Chan 42 Rwy 05. Class 1B. Glideslope unusable byd 9 NM and unusable byd 5° left and right side of course.



WISCASSET (IWI)(KIWI) 3 SW UTC-5(-4DT) N43°57.69' W69°42.75'

NEW YORK

70 B TPA—1070(1000) NOTAM FILE IWI

L-32H

RWY 07-25: H3397X75 (ASPH) S-22 MIRL 0.4% up W

RWY 07: PAPI(P4R)—GA 4.0° TCH 40'. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Trees. Rgt tfc.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwys 07 and 25, REIL Rwy 25—CTAF.

AIRPORT REMARKS: Attended May-Labor Day 1300-2200Z‡, Sep-Nov Fri-Sun 1400-2100Z‡, Jan-Mar not attended, Dec-Apr Sat-Sun 1500-1900Z‡. 24 hr credit card fuel opr. Deer and wildlife on and invof arpt. Noise sensitive area southeast off end of Rwy 07. Arpt has NS ABTMT procedures ctc arpt manager 207-882-5475.

AIRPORT MANAGER: (207) 208-7652

WEATHER DATA SOURCES: ASOS-A 135.725 (207) 882-8094.

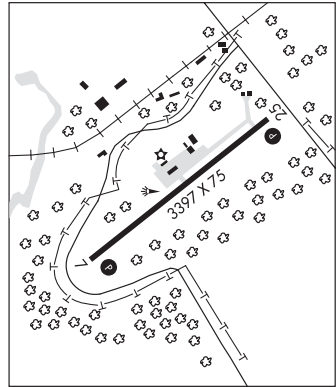
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 120.4 (293°-111°) 119.75 (112°-292°)
(Mon-Fri 1045-0500Z‡)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°)
(Mon-Fri 0500-1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20'
W69°47.79' 188° 21.8 NM to fld. 349/18W.



ABERDEEN N39°32.15' W76°06.38' NOTAM FILE DCA.
NDB (MHWZ) 349 APG 45/10W. NDB unmonitored 0200-1100Z‡ Mon-Fri and hol wo ppr.

WASHINGTON
 L-34F, 36I, A

ANDREWS N38°48.43' W76°51.98' NOTAM FILE ADW.
(L) VORTACW 113.1 ADW Chan 78 240° 5.5 NM to Potomac Airfield. 263/10W.

WASHINGTON
COPTER

VOR unusable:
 089°-182°
 183°-227° byd 10 NM blo 2,500'
 183°-227° byd 18 NM blo 4,000'
 230°-236° byd 20 NM
 237°-270°
 333°-048°
 TACAN AZIMUTH unusable:
 295°-310°
 VORTAC unusable:
 035°-045° blo 2,500'
 TACAN BOTH unusable:
 220°-280°

H-10H, 12I, L-29E, 34F, 36I, A

ANNAPOLIS

LEE (ANP)(KANP) 5 SW UTC-5(-4DT) N38°56.57' W76°34.10'
 34 B TPA-1034(1000) NOTAM FILE DCA

WASHINGTON
COPTER

RWY 12-30: H2500X48 (ASPH) LIRL

L-29E, 34F, 36I, A
 IAP

RWY 12: PAPI(P2L)-GA 5.75° TCH 21'. Thld dsplcd 476'. Trees.

RWY 30: PAPI(P2R)-GA 4.25° TCH 25'. Thld dsplcd 321'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Lgtg inop between 0300-1200Z‡. Arpt bcn opr dusk-0300Z‡. **ACTIVATE** LIRL Rwy 12-30-CTAF.

AIRPORT REMARKS: Attended 1200-2200Z‡. Arpt CLOSED 0300-1200Z‡, ctc arpt manager for details. Ctc arpt manager 410-956-1280 for approval of any flt ops between 0300-1200Z‡. Arpt unattended New Years Day, Memorial Day, July 4, Labor Day, Thanksgiving and Christmas. Heavy bird and wildlife activity on and in/ovf arpt. Rwy 12-30 minor pavement cracks full length. No tkf after 0300Z‡ daily. Touch and go opr prohibited. VGSJ apchs to be flown. Rwy 12 VGSJ unreliable on centerline only. No ldg on grass. No grass crossover from Rwy 12-30 to twy, roll out to end of rwy. Ldg fee after one hr or overnight.

AIRPORT MANAGER: 410-956-1280

COMMUNICATIONS: CTAF 122.9

Ⓡ **POTOMAC APP/DEP CON** 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 173° 14.4 NM to fld. 140/11W.

TACAN AZIMUTH & DME unusable:
 133°-155° byd 20 NM blo 10,000'
 300°-349° byd 35 NM

TACAN DME unusable:
 133°-155° byd 36 NM

VOR unusable:
 133°-155° byd 20 NM blo 10,000'
 197°-217° byd 17 NM
 282°-292°

TACAN AZIMUTH unusable:
 029°-042° byd 30 NM
 180°-190° byd 17 NM

BALTIMORE

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)(KBWI) 9 S UTC-5(-4DT)

WASHINGTON

COPTER

H-10H, 12I, L-29E, 34F, 36I, A

IAP, AD

N39°10.54' W76°40.14'

143 B LRA Class I, ARFF Index D NOTAM FILE BWI

RWY 10-28: H10502X150 (ASPH-GRVD) S-80, D-220, 2D-1020,
2D/2D2-1340 PCN 105F/A/W/T HIRL CL

RWY 10: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 55'. RVR-TMR Thld
dspclcd 550'. Tree.

RWY 28: MALS. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TMR Thld
dspclcd 699'. Tree. 0.3% up.

RWY 15R-33L: H9500X150 (ASPH-GRVD) S-80, D-220, 2D-675,
2D/2D2-890 PCN 70 F/A/W/T HIRL CL

RWY 15R: MALS. PAPI(P4R)—GA 3.0° TCH 73'. RVR-TMR Thld
dspclcd 300'. Antenna.

RWY 33L: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. RVR-TMR
Thld dspclcd 500'. Tower.

RWY 15L-33R: H5000X100 (ASPH-GRVD) S-30, D-45
PCN 15 F/A/W/T HIRL 0.5% up NW

RWY 15L: REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-TR Pole.

RWY 33R: MALS. REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-TR Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-10502 TODA-10502 ASDA-10502 LDA-9952

RWY 15L: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 15R: TORA-9500 TODA-9500 ASDA-8600 LDA-8300

RWY 28: TORA-10502 TODA-10502 ASDA-10502 LDA-9802

RWY 33L: TORA-9500 TODA-9500 ASDA-8800 LDA-8300

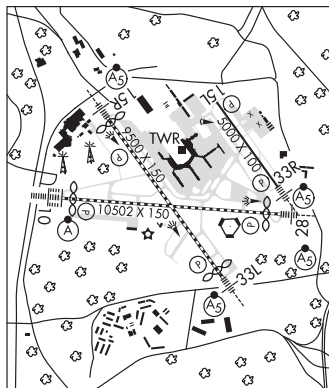
RWY 33R: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Deer and birds ocly on and invof arpt. Major const on arpt dly. Acft movement and parking areas subject to short ntc change/closure. For current info phone BWI ops ctr 410-859-7018. Rwy status lgts in operation. NS ABTMT procedures in effect, restriction for Rwy 15L-33R exc for emrgs or mercy flts, cte arpt mgmt for info. Practice ldg and apchs by turbo-pwrdr acft prohibited 0300-1100Z±. Practice ldg and tkfs by B-747 acft prohibited Rwy 15R-33L. Rwy length avbl for Rwy 28 departures from Twy U1 is 9802'. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. No apron parking for unscheduled air carriers. General aviation acft ctc UNICOM prior to arr at General Aviation ramp for security purposes. Midfield RVR sensor shared by Rwy 10-28 and Rwy 15R-33L. Taxiing prohibited btn Gate C12 and adjacent bldg structure SW of concourse C. Taxilanes T-1 and H, rstd to Group III acft with max wingspan of 118'. Twy A is rstd to group IV acft wingspan 171' or less. Twy T between Twy H and Twy E rstd to group IV acft with wingspan less than 171'. Twy T between Twy E and Twy B rstd to group V acft with wingspan less than 214', when group V acft are on Twy T, Twy A is rstd to max wingspan of 110'. Twy S, south of Twy P, rstd to acft 60,000 lbs and less. Dual parallel taxilanes have been added to the D/E alleyway, Taxilane N and Taxilane N1. Taxilane N is designated a Group V taxilane with max wingspan of 213'. Taxilane N1 is designated a Group IV taxilane with a max wingspan of 170'. Rwy 15L-33R rstd to acft producing less than 90 decibels exc for emrgs. Continuous mowing ops adjacent all rwys and twys Apr through Nov. Distracting lgts (golf driving range) rgt side extdd cntrln Rwy 33L from apch end rwy to 1/4 mile final. Acft on visual apchs exp to maintain 3000' until 10 DME from BAL VORTAC, dep acft should exp turns based on Baltimore DME. Rwy 15R deice pad, position 1 rstd to acft with wingspan of 156' 1" or less and length of 180' 3" or less. Positions 2 and 3 are rstd to acft with a wingspan of 156' 1" or less. Position 3 is rstd to acft with a wingspan of 156' 1" or less and length of 180' 3" or less. Position 4 rstd to acft with wingspan of 213' or less and length of 229' 2" or less. Rwy 28 deice pad lane 1 rstd to acft with wingspan 171' or less, lane 2 rstd to acft with wingspan 135' or less, lane 3 is used by large acft maximum wingspan 215' and when in use lanes 2 and 4 are unavbl. Lanes 4, 5 and 6 are rstd to acft wingspan 135' or less. Concourse A alternate deicing area is rstd to B737-800 size acft with winglets or smaller on spots 6, 7A, and 8A. B737-700 size acft with winglets or smaller are rstd to spots 7B and 8B. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Continuous Power Facilities.

AIRPORT MANAGER: 410-859-7018

WEATHER DATA SOURCES: ASOS (410) 691-1278 TDWR.



CONTINUED ON NEXT PAGE

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COMMUNICATIONS: D-ATIS 115.1 127.8 UNICOM 122.95

BALTIMORE RCO 122.2 122.1R 115.1T (LEESBURG RADIO)

Ⓡ POTOMAC APP CON 119.0 (020°-130°) 119.7 (131°-180°) 124.55 (101°-130°) 128.7 (181°-019°) 119.0 (131°-180°) 119.7 (020°-130°) 125.525 (181°-019°)

BALTIMORE TOWER 119.4 GND CON 121.9 CLNC DEL 118.05

Ⓡ POTOMAC DEP CON 124.55 (East) 128.7 (West)
CPDLC (LOGON KBWI)

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

(L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' at fld. 140/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

ELLCOTT NDB (MHW) 371 FND N39°17.24' W76°46.62' 154° 8.4 NM to fld. 381/11W.

NDB unusable:

140°-320° byd 12 NM blo 10,500'

ILS 109.7 I-BAL Rwy 10. Class IIIE.

ILS 111.95 I-UQC Rwy 15L. Class ID.

ILS 111.7 I-FND Rwy 15R. Class IE.

ILS 109.7 I-OEH Rwy 28. Class IE.

ILS/DME 111.7 I-RUX Chan 54 Rwy 33L. Class IIE.

ILS/DME 111.95 I-BWI Chan 56(Y) Rwy 33R. Class ID. DME component status: DME OTS indef.

ESSEX SKYPARK (W48) 3 SE UTC-5(-4DT) N39°15.75' W76°25.93'

**WASHINGTON
COPTER**

15 B NOTAM FILE DCA

RWY 16-34: H2084X30 (ASPH) MIRL

RWY 16: REIL. PAPI(P2L)—GA 4.5° TCH 19'. Thld dsplcd 185'. Trees.

RWY 34: REIL. PAPI(P2R)—GA 4.5° TCH 20'. Trees.

SERVICE: LGT ACTIVATE MIRL Rwy 16-34 REIL Rwy 16 and Rwy 34-CTAF.

AIRPORT REMARKS: Unattended. No touch and go ldg. Rwy 16-34 clsd to helicopter pattern and practice ldg apchs; military, emergency, and medical acft PPR.

AIRPORT MANAGER: 410-215-5761

COMMUNICATIONS: CTAF/UNICOM 122.7

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

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WATERWAY 16W-34W: 3000X300 (WATER)

MARTIN STATE (MTN)(KMTN) P (ANG) 9 E UTC-5(-4DT) N39°19.54' W76°24.83'

WASHINGTON

22 B TPA—See Remarks NOTAM FILE MTN

COPTER

RWY 15-33: H6997X180 (ASPH-GRVD) S-65, D-82, 2S-175,
2D-140 HIRL

H-10H, 12I, L-29E, 34F, 36I, A
IAP, AD

RWY 15: REIL. PVASI(P SIL)—GA 4.01° TCH 37'. P-line.

RWY 33: REIL. PVASI(P SIL)—GA 2.91° TCH 44'. Trees.

SERVICE: S2 FUEL 100LL, JET A, A+ LGT When twr clsd ACTIVATE HIRL Rwy 15-33, REIL Rwy 15 and Rwy 33—CTAF. When twr clsd ACTIVATE Twy F lghts—UNICOM. **MILITARY—FUEL** (NC-100LL, A, A+—100LL 24 hr self svc with credit card.) **TRAN ALERT** Min tran maint and prk avbl dur nml duty hr and Unit Training Assemblies. No fleet svc avbl.

AIRPORT REMARKS: Attended 1100-0400Z†. Arpt conditions unmonitored 0400-1100Z†. 24 hr self serve 100LL avbl with credit card. Seagulls on and invof arpt. NS ABTMT procedures in effect. When twr clsd no practice lghts or apchs. PPR for practice tkf and lght for acft weighing more than 12,500 lbs. TPA reciprocating engine acft 999(978), turbo prop and civil jet acft 1500(1478), military jet acft 1999(1978). Helipad 800' left of AER 33. Recreational sailboat masts +50' and motor boats in waterway at AER 33 813' from thld 0B. Mowing ops conducted Apr-Sep 1330-2130Z†. For additional information ctc arpt manager 410-682-8800. Rwy 15 PVASI unusable byd 5° either side of centerline. Rwy 15 PVGSI and descent angles not coincident. Rwy 33 PVASI unusable byd 5° left of course and unusable byd 8° rgt of course.

MILITARY REMARKS: RSTD No practice apch or lght 0300-1100Z†. 8100' avbl for tkf Rwy 15 and lght Rwy 33 for mil acft only. **CAUTION** Bird Acft Strike Haz II in effect Aug-Dec. **TFC PAT** TPA—C-130/Jet 1500(1478), A-10 2000 (1978). **ANG** PPR for svc and use of ANG parking ramp only, DSN 243-6375, C410-918-6375. C-5/C-17 acft rstd to Twy A. No space A, fleet svc, or tran qtrs avbl. PPR after duty hr rqr OG/CC apvl. Call command post/raven ops 275.500 or 139.900 10 min prior to lght.

AIRPORT MANAGER: 410-682-8800

WEATHER DATA SOURCES: AWOS-3PT 124.925 (410) 682-8848.

COMMUNICATIONS: CTAF 121.3 ATIS 124.925 UNICOM 122.95

Ⓡ POTOMAC APP/DEP CON 119.0 119.7 282.275 290.475 POTOMAC CLNC DEL 121.8 (When twr clsd)

TOWER 121.3 254.425 (1100-0300Z†) GND CON 121.8 253.4

175 WG COMD POST 139.9 275.7

AIRSPACE: CLASS D svc 1100-0300Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 062° 14.8 NM to fld. 140/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

LOC/DME 110.7 I-BQG Chan 44 Rwy 15. Localizer offset. DME also serves Rwy 33. Unmonitored when ATCT clsd.

ILS/DME 110.7 I-MTN Chan 44 Rwy 33. Class II. Unmonitored when ATCT closed. DME also serves Rwy 15.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-429-5882.

HELIPAD H1: H65X65 (CONC) PERIMETER LGTS

HELIPORT REMARKS: Perimeter lghts.

PIER 7 HELIPORT (4MD) 3 SE N39°16.33' W76°34.30'

WASHINGTON

16 B NOTAM FILE DCA

COPTER

HELIPAD H1: H45X45 (CONC) PERIMETER LGTS

SERVICE: FUEL JET A LGT ACTIVATE perimeter lighting on PCL—123.075—7 clicks.

HELIPORT REMARKS: Attended 1400-2300Z†. Perimeter lghts. Ldg fee.

AIRPORT MANAGER: 443-463-2379

COMMUNICATIONS: CTAF 123.025

BAY BRIDGE (See STEVENSVILLE on page 111)

BENNETT (See SALISBURY on page 109)

BOWIE

FREEWAY (W00) 2 NW UTC-5(-4DT) N38°56.48' W76°46.34'

168 B TPA—See Remarks NOTAM FILE DCA

Rwy 18-36: H2420X40 (ASPH) MIRL 0.7% up N

Rwy 18: PAPI(P2R)—GA 6.0° TCH 47'. Trees.

Rwy 36: PAPI(P2L)—GA 5.5° TCH 26'. Thld displcd 230'. Trees. Rgt ttc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1300Z±-dark. Unattended major holidays. 24 hr self serve 100LL avbl with credit card. -15' drop 80' from AER 36. 7' drop 50' from apch to Rwy 18. Lgtd antenna 135' AGL 600' northwest AER 18. TPA—1000(832) for acft less than 4000 lbs max gross weight. TPA—1200(1032) for acft greater than 4000 lbs.

AIRPORT MANAGER: 301-390-6424

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **POTOMAC APP/DEP CON** 128.0

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35' W76°44.68' 005° 14.2 NM to fld. 210/10W. **HIWAS.**

TACAN AZIMUTH unusable:
006°-194° blo 12,500'

DME portion unusable:

- 031°-050° byd 20 NM blo 4,000'
- 051°-065° byd 20 NM blo 5,000'
- 066°-076° byd 20 NM blo 3,000'
- 066°-076° byd 32 NM blo 5,000'
- 077°-086° byd 20 NM blo 5,000'
- 087°-122° byd 20 NM blo 7,000'
- 087°-143° byd 36 NM
- 123°-143° byd 20 NM blo 6,000'
- 123°-143° byd 32 NM blo 7,000'
- 144°-180° byd 20 NM blo 5,000'
- 181°-259° byd 20 NM blo 2,500'
- 260°-030° byd 20 NM blo 3,000'

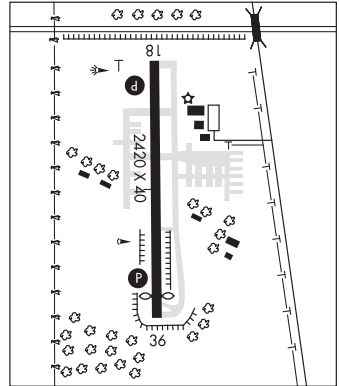
VOR unusable:

- 006°-194° blo 12,500'
- 072°-138° blo 6,000'
- 139°-234° blo 10,000'
- 311°-349°

VOR OTS

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-599-3874.

**WASHINGTON
COPTER**
L-29E, 34F, 36I, A
IAF



CAMBRIDGE-DORCHESTER RGNL (CGE)(KCGE) 3 SE UTC-5(-4DT) N38°32.36' W76°01.82'
20 B NOTAM FILE DCA

WASHINGTON
L-34F, 36I, A
IAP

RWY 16-34: H4477X75 (ASPH-GRVD) S-14 MIRL

RWY 16: REIL. PAPI(P2L)—GA 3.5° TCH 46'. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.25° TCH 35'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34, and PAPI Rwy 16 and Rwy 34—121.9.

AIRPORT REMARKS: Attended 1300-2200Z†. Unattended Thanksgiving, Christmas and New Years day.

AIRPORT MANAGER: 410-228-4571

WEATHER DATA SOURCES: AWOS-3 120.675 (410) 228-7559.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z† Mon-Fri, 1300-2300Z† Sat-Sun, other times by NOTAM, other times ctc)

Ⓡ **POTOMAC APP/DEP CON** 135.625 135.629

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27'

W76°24.01' 059° 23.1 NM to fld. 18/10W.

VOR unusable:

023° byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

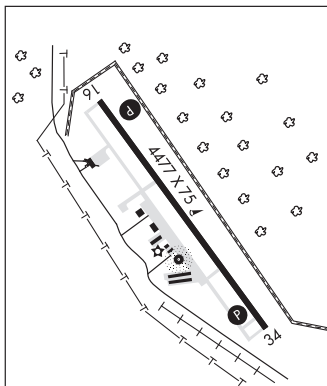
TACAN/DME portion unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

NDB (MHW) 355 CGE N38°32.23' W76°01.83' at fld. 20/10W.

COMM/NAV/WEATHER REMARKS: For Cinc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.



CARROLL CO RGNL/JACK B POAGE FLD (See WESTMINSTER on page 112)

CHURCHVILLE

HARFORD CO (ØW3) 3 E UTC-5(-4DT) N39°34.01' W76°12.15'

409 B NOTAM FILE DCA

WASHINGTON
L-29E, 34F, 36I, A
IAP

RWY 01-19: 2000X75 (TURF) 0.5% up S

RWY 01: Trees.

RWY 19: Thld dsplcd 205'. Trees.

RWY 10-28: H2000X40 (ASPH) LIRL(NSTD) 1.4% up W

RWY 10: REIL. PAPI(P2L). Trees.

RWY 28: REIL. PAPI(P2L). TCH 19'. Thld dsplcd 100'. Trees.

RWY 14-32: 1600X75 (TURF)

RWY 14: Trees.

RWY 32: Trees.

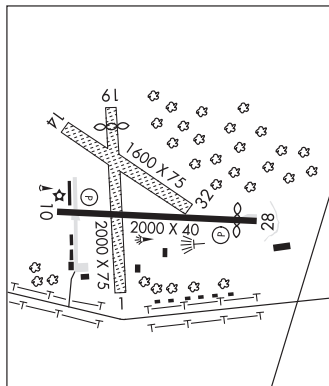
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REILS Rwy 10 and Rwy 28; LIRL Rwy 10-28—CTAF. Arpt bcn opr dusk-0600Z†.

AIRPORT REMARKS: Attended 1300Z†-dusk. Rwy 01-19 CLOSED Nov 15-Apr 30 exc PRR call 410-836-2828. Extensive glider ops on turf ldg area. Birds/wildlife on and in/ov arpt. Rwy 01-19 ends/sides marked with barrels. Rwy 10-28 NSTD LIRL, no dsplcd thld lgts.

AIRPORT MANAGER: 410-836-2828

COMMUNICATIONS: CTAF/UNICOM 122.8

POTOMAC APP/DEP CON 125.525



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.42' 267° 28.4 NM to fld. 70/10W.

TACAN AZIMUTH & DME unusable:

040°-100° byd 25 NM blo 5,000'

210°-235° byd 30 NM blo 3,000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5,000'

310°-320° byd 35 NM blo 4,000'

VOR unusable:

025°-039° byd 25 NM

025°-039° byd 5 NM blo 10,000'

040°-120° byd 25 NM blo 4,000'

125°-225° blo 10,000'

225°-230° byd 15 NM blo 3,000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8,000'

300°-315° byd 35 NM blo 3,000'

355°-005° blo 3,000'

355°-005° byd 15 NM blo 4,000'

355°-005° byd 25 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

CLAREMONT (See ELKTON on page 95)

CLEARVIEW AIRPARK (See WESTMINSTER on page 112)

CLINTON

WASHINGTON EXECUTIVE/HYDE FLD (W32) 2 SW UTC-5(-4DT) N38°44.90' W76°55.97'

WASHINGTON

249 B TPA—See Remarks NOTAM FILE DCA

COPTER

RWY 05-23: H3000X60 (ASPH) LIRL

L-29E, 34F, 36I, A

RWY 05: REIL. APAP(PNIL)—GA 3.5° TCH 19'. Trees.

IAP

RWY 23: APAP(PNIL)—GA 4.0° TCH 43'. Trees.

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended Mon-Fri 1400-2000Z†, Sat-Sun

1400-2200Z†. Self serve credit card fueling avbl 24 hrs. Compliance

with CFR 93.335 is rqr before pilots may opr to/from this arpt. Rwy

05-23—no line of sight between rwy ends. Birds and wildlife on and

invof arpt. Soft shoulders all twys. Rgt tfc pat for helicopters.

TPA—1049(800), helicopters 849(600).

AIRPORT MANAGER: 301-297-7290

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 124.7DC-FRZ

APP/DEP CON 125.65DC-FRZ

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) VOR/DME 111.0 DCA Chan 47 N38°51.57'

W77°02.19' 153° 8.2 NM to fld. 10/9W.

VOR portion unusable:

026°-070° byd 20 NM blo 5,000'

071°-075° byd 20 NM blo 7,000'

076°-105° byd 20 NM blo 5,000'

106°-111° byd 10 NM blo 2,500'

106°-125° byd 20 NM blo 8,000'

126°-145° byd 20 NM blo 5,500'

146°-155° byd 20 NM blo 6,000'

156°-170° byd 20 NM blo 5,500'

171°-177° byd 20 NM blo 5,000'

178°-260° byd 20 NM blo 4,500'

261°-275° byd 20 NM blo 6,000'

276°-283° byd 20 NM blo 7,000'

284°-300° byd 20 NM blo 6,000'

301°-025° byd 20 NM blo 4,500'

DME portion unusable:

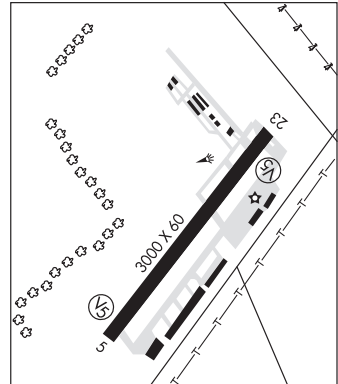
090°-165° byd 30 NM blo 3,000'

250°-270° byd 20 NM blo 2,500'

340°-040° byd 30 NM blo 2,500'

OXONN NDB (MHW) 332 DCA N38°45.96' W77°01.64' 114° 4.6 NM to fld. 11W.

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored. For Clnc Del ctc Potomac Apch at 866-599-3874.



COLLEGE PARK (CGS)(KCGS) 1 E UTC-5(-4DT) N38°58.84' W76°55.34'

WASHINGTON

48 B TPA-1048(1000) NOTAM FILE CGS

COPTER

RWY 15-33: H2607X60 (ASPH) MIRL 0.4% up NW

L-29E, 34F, 36I, A

RWY 15: REIL. Thld dsplcd 416'. Trees.

IAP

RWY 33: REIL. Thld dsplcd 201'. Trees.**SERVICE:** FUEL 100LL, JET A LGT REIL Rwy 15 OTS indef. REIL Rwy 33 OTS indef. ACTIVATE MIRL Rwy 15-33, APAP Rwy 15, REIL Rwy 15 and Rwy 33—CTAF 5 clicks.**AIRPORT REMARKS:** Attended 1200-0300Z†. Deer and other wildlife on and invof arpt. Compliance with 14 CFR Section 93.335 is rqr before pilots may opr to/from this arpt. AER 15 heavy smoke and firefighting training ops intermittently in progress. No student touch and go ldg or solo ops permitted. Category 1 acft only, no acft over 8500 lbs manufacturer GWT, helicopters only with 24 hr PPR, call arpt mgr 301-864-5844. No tkfs 0300-1200Z†, ldg only. NS ABTMT procedures in effect ctc arpt mgr 301-864-5844. Transient parking: first 4 hrs free; fee aft, waived w/min fuel purchase; overnight fee. Hel ramp fee; waived if under 3500 lbs or min fuel purchase. Acft handling fee if relocation to/from fuel area rqr'd by arpt pers.**AIRPORT MANAGER:** 301-864-5844**WEATHER DATA SOURCES:** AWOS-3 121.225 (301) 864-5497.**COMMUNICATIONS:** CTAF/UNICOM 122.925

Ⓡ POTOMAC APP/DEP CON 125.65 124.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.**BALTIMORE (L) VORTAC** 115.1 BAL Chan 98 N39°10.26' W76°39.68' 238° 16.7 NM to fld. 140/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

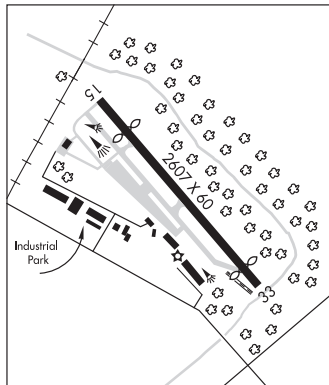
197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-599-3874.**CRISFIELD-SOMERSET CO** (W41) 3 NE UTC-5(-4DT) N38°01.09' W75°49.61'

WASHINGTON

4 B NOTAM FILE DCA

L-34F, 36I

RWY 14-32: H2397X75 (ASPH) S-12 MIRL

IAP

RWY 14: REIL. PAF(P2L)—GA 3.0° TCH 39'. Trees.**RWY 32:** REIL. PAF(P2L)—GA 3.25° TCH 33'. Trees.**RWY 06-24:** 1060X120 (TURF)**RWY 06:** Trees.**RWY 24:** Trees.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 14-32, REIL Rwy 14 and Rwy 32—CTAF.**AIRPORT REMARKS:** Attended 1330-2130Z†. Rwy 06-24 clsd indefly. If attendant not present for fuel during attended hrs call 410-968-1333 or 410-458-4923. Birds and wildlife on and invof arpt. Turf areas of arpt may be soft.**AIRPORT MANAGER:** 410-968-3062**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ PATUXENT APP/DEP CON 127.95 (1200-0400Z† Mon-Fri, 1300-2300Z† Sat-Sun, other times by

NOTAM, other times ctc)

Ⓡ POTOMAC APP/DEP CON 127.2 135.62

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.**SNOW HILL (L) VORTAC** 112.4 SWL Chan 71 N38°03.40' W75°27.83' 270° 17.4 NM to fld. 34/8W.

VOR portion unusable:

005°-020° byd 25 NM blo 1,500'

020°-040° byd 20 NM blo 1,700'

040°-045° byd 10 NM blo 2,000'

210°-225° byd 13 NM blo 4,000'

210°-225° byd 18 NM blo 6,000'

210°-225° byd 37 NM

225°-265° byd 10 NM blo 2,500'

225°-265° byd 30 NM blo 9,000'

265°-005° byd 20 NM blo 1,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.

CUMBERLAND

GREATER CUMBERLAND RGNL (CBE)(KCBE) 2 S UTC-5(-4DT) N39°36.93' W78°45.65'

WASHINGTON
H-10H, 12I, L-29D
IAP

775 B TPA—1799(1024) NOTAM FILE EKN

RWY 05-23: H5048X150 (ASPH) S-38, D-52 HIRL 1.1% up NE

RWY 05: Trees. Rgt tfc.

RWY 23: REIL. PAPI(P4L)—GA 3.59° TCH 29'.

RWY 11-29: H2442X150 (ASPH) S-12 LIRL

RWY 11: Hill.

RWY 29: Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE HIRL

Rwy 05-23, LIRL Rwy 11-29, REIL Rwy 23 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1300-0100Z†. Bottle oxygen avbl from 1300-2000Z† Mon-Fri by prior arrangement, call 304-738-0002 ext 11. Bulk oxygen avbl from 1300-2000Z† Mon-Fri by prior arrangement, call 304-738-0002 ext 11. Glider ops west of arpt use Rwy 11 for departure, Rwy 29 for arrival. Rwy 05 apch has rapidly rising terrain 696' left, 2000' from thld. Rwy 11 ngt ops and any ldgs not recommended due to high terrain. Deer/birds on and invof arpt. Numerous areas along Rwy 11-29 with grass growth from pavement cracks. Rwy 23 900' twy aligned with rwy west end. Cold temperature rstd arpt. Altitude correction required at or blo -13C. Rotating bcn located off arpt.

AIRPORT MANAGER: 304-738-0002

WEATHER DATA SOURCES: AWOS-3 128.625 (304) 738-0451.

COMMUNICATIONS: CTAF/UNICOM 122.8

CUMBERLAND RCO 122.35 (ELKINS RADIO)

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 or call ZOB 440-774-0226 (0400-1200Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

GRANTSVILLE (L) VOR/DME 112.3 GRV Chan 70 N39°38.10' W79°03.03' 101° 13.5 NM to fld. 2640/6W.

DME unusable:

071°-306° byd 20 NM blo 6,000'

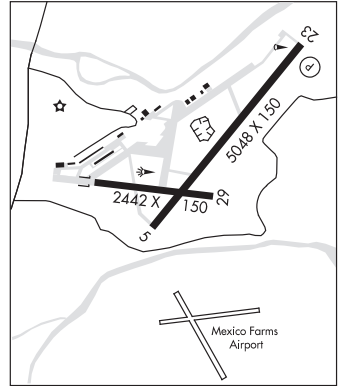
108°-113° byd 38 NM

307°-070° byd 20 NM blo 5,000'

325°-345° byd 35 NM

CUMBERLAND NDB (MHW) 317 CBE N39°38.90' W78°44.83' 208° 2.1 NM to fld. 945/10W.

LOC/DME 110.5 I-CBE Chan 42 Rwy 23. DME unusable byd 22° left side of course. DME unusable byd 10 NM blo 3,500'.



MEXICO FARMS (1W3) 3 S UTC-5(-4DT) N39°36.32' W78°45.65'

WASHINGTON

607 TPA—1407(800) NOTAM FILE EKN

RWY 09-27: 2120X190 (TURF) LIRL

RWY 09: Trees. Rgt tfc.

RWY 27: Thld dspcd 340'. Trees.

RWY 16-34: 2100X195 (TURF)

RWY 16: Brush.

RWY 34: Thld dspcd 800'. Tree.

SERVICE: LGT ACTIVATE LIRL Rwy 09-27—122.8.

AIRPORT REMARKS: Unattended. Rwy 16-34 CLOSED indef. Ultralight activity on and invof arpt. Wildlife on and invof arpt.

Rising terrain 4500' west of arpt. Rwy 09-27, and 16-34 may be soft. Rwy 27 dspcd thld marked with cones on both sides.

AIRPORT MANAGER: 301-724-5231

COMMUNICATIONS: CTAF/UNICOM 122.8

DAVIS (See LAYTONSVILLE on page 103)

EASTON/NEUNAM FLD (ESN)(KESN) 2 N UTC-5(-4DT) N38°48.25' W76°04.14'

72 B TPA—See Remarks NOTAM FILE ESN

WASHINGTON

H-101, 121, L-34F, 361, A

IAP, AD

RWY 04-22: H5500X100 (ASPH-GRVD) S-40, D-60, 2D-100 HIRL

0.7% up NE

RWY 04: PAPI(P4L)—GA 3.0° TCH 43'.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dspclcd 325'. Trees. Rgt tfc.

RWY 15-33: H4003X100 (ASPH) S-40, D-60, 2D-100 MIRL

0.5% up SE

RWY 15: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5175 TODA-5500 ASDA-4775 LDA-4775

RWY 22: TORA-5500 TODA-5500 ASDA-5500 LDA-5175

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT When twr clsd ACTIVATE MIRL Rwy 15-33 and HIRL Rwy 04-22 and REIL Rwy 22, Rwy 15, and Rwy 33—CTAF.

AIRPORT REMARKS: Attended 1300-dusk. Deer, birds and other wildlife on and in/ov arpt. Noise abatement, depart Rwy 22 avoid overflight of town of Easton, depart Rwy 04 left turn at end of rwy to parallel Highway 50 until passed trailer park. TPA for jet acft 1598(1526), all other acft 1098(1026). Rwy 15-33 distance markers every 1000' west side of rwy. NOTE: See Special Notices—Easton, Maryland Noise Abatement Procedure.

AIRPORT MANAGER: 410-770-8055

WEATHER DATA SOURCES: AWOS-3PT 124.475 (410) 822-2817.

COMMUNICATIONS: CTAF 118.525 ATIS 124.475 UNICOM 122.95

® **POTOMAC APP/DEP CON** 124.55 133.75 **POTOMAC CLNC DEL** 126.9 (When twr clsd)

TOWER 118.525 (1100-0300Z) **GND CON** 119.075 **CLNC DEL** 119.075

AIRSPACE: CLASS D svc 1100-0300Z; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27' W76°24.01' 037° 34.7 NM to fld. 18/10W.

VOR unusable:

023° byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

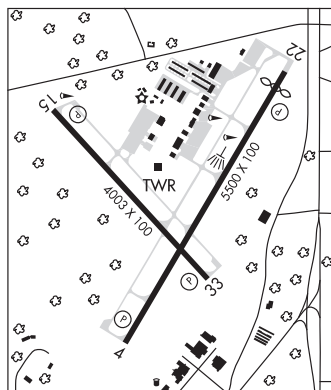
TACAN/DME portion unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

ILS/DME 109.35 I-FGH Chan 30(Y) Rwy 04. Class IT. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-429-5882.



ELKTON

CLAREMONT (58M) 3 SW UTC-5(-4DT) N39°34.45' W75°52.19'

WASHINGTON
L-34G, A
IAP

106 B NOTAM FILE DCA

RWY 13-31: H2989X70 (ASPH-AFSC) MIRL 1.5% up NW

RWY 13: REIL. PAPI(P2R)—GA 5.0° TCH 6'. Thld dspcd 288'. Trees.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 6'. Thld dspcd 601'. Trees.

SERVICE: S2 FUEL 100LL LGT ACTIVATE rotating bcn—123.0.

ACTIVATE REIL Rwy 13 and Rwy 31, PAPI Rwy 13 and Rwy 31, MIRL Rwy 13-31—123.0.

AIRPORT REMARKS: Attended 1400-2100Z±. Deer and birds on and in/ovf arpt. Reduced braking action Rwy 13 downhill 1.5 deg. Calm/light wind use Rwy 31. Rwy 13-31 no touch and go lds.

AIRPORT MANAGER: (410) 398-0234

COMMUNICATIONS: CTAF/UNICOM 122.8

® **PHILADELPHIA APP/DEP CON** 118.35

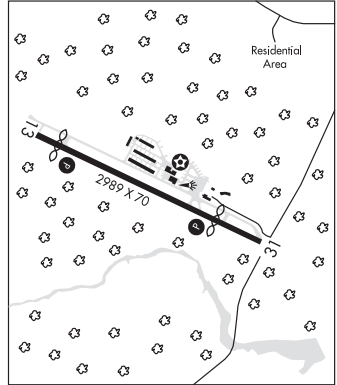
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90' W75°30.96' 330° 26.3 NM to fld. 15/9W.

TACAN AZIMUTH & DME unusable:
140°-150° byd 36 NM blo 2,000'
200°-300° byd 36 NM blo 3,000'

VOR portion unusable:
159°-169° blo 3,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.



ELLICOTT N39°17.24' W76°46.62' NOTAM FILE BWI.

WASHINGTON
COPTER
L-29E, 34F, 36I, A

NDB (MHW) 371 FND 154° 8.4 NM to Baltimore/Washington Intl Thurgood Marshall. 381/11W.

NDB unusable:

140°-320° byd 12 NM blo 10,500'

ESSEX SKYPARK (See BALTIMORE on page 87)

FALLSTON (W42) 1 S UTC-5(-4DT) N39°30.08' W76°24.68'

WASHINGTON
COPTER

460 NOTAM FILE DCA

RWY 04-22: H2200X50 (ASPH) S-12 LIRL(NSTD)

RWY 04: Thld dspcd 315'. Trees.

RWY 22: Thld dspcd 230'. Trees.

SERVICE: FUEL 100LL LGT For NSTD LIRL Rwy 04-22 ctc arpt manager 410-877-9889.

AIRPORT REMARKS: Unattended. Arpt CLOSED dusk-1400Z±. If attendant not present during dalyt hrs call 410-877-9889. For fuel, if no one present during dalgt hrs call 410-877-9889. Arpt unattended major holidays. Deer and wildlife on and in/ovf arpt. Rwy 04 dspcd thld NSTD marking. Rwy 04-22 NSTD LIRL only one thld lgt each side. NSTD LIRL avbl to based acft with prior notice.

AIRPORT MANAGER: 410-877-9889

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

FORT MEADE(ODENTON)**TIPTON** (FME)(KFME) 1 SW UTC-5(-4DT) N39°05.12' W76°45.56'

150 B TPA—1000(850) NOTAM FILE FME

RWY 10-28: H3000X75 (ASPH) MIRL 1.2% up E**RWY 10:** REIL. PAPI(P2L)—GA 4.0° TCH 51'. Trees. Rgt tfc.**RWY 28:** REIL. PAPI(P2L)—GA 4.0° TCH 57'. Trees.**SERVICE:** S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 10 and Rwy 28; MIRL Rwy 10-28—CTAF.**AIRPORT REMARKS:** Attended 1330-2300Z†. Self serve 100LL avbl with credit card. Deer on rwys and twys. Be alert for numerous BWI turbojet arrivals/departures in the area. Fly tfc pattern south of the fld to avoid BWI Class B Airspace. Remain clear of BWI Class B Airspace until clnc is obtained. PAEW adjacent all twys and Rwy 10-28 indef. PAPI Rwy 10 unusable 8° left and right of course. Rwy 28 PAPI unusable 5° left (trees) and 8° right of course.**AIRPORT MANAGER:** 410-222-6815**WEATHER DATA SOURCES:** AWOS-3 123.925.**COMMUNICATIONS:** CTAF/UNICOM 123.05® **POTOMAC APP/DEP CON** 119.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE BWI.**BALTIMORE (L) VORTAC** 115.1 BAL Chan 98 N39°10.26' W76°39.68' 233° 6.9 NM to fld. 140/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.**WASHINGTON
COPTER
L-29E, 34F, 36I, A
IAP**

FREDERICK MUNI (FDK)(KFDK) 0 E UTC-5(-4DT) N39°25.05' W77°22.46'

WASHINGTON

306 B TPA—See Remarks NOTAM FILE FDK

H-10H, 12I, L-29E, 34F, A
IAP, AD

RWY 05-23: H5219X100 (ASPH-GRVD) S-60 HIRL 0.4% up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 23: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 12-30: H3600X75 (ASPH) MIRL 0.3% up NW

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees. Rgt tfc.

RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 37'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LG**TACTIVATE HIRL Rwy 05-23, MIRL Rwy 12-30, REIL Rwy 05, Rwy 12, Rwy 23, and Rwy 30, ODALS Rwy 23, and PAPI Rwy 05 and Rwy 23 CTAF.

AIRPORT REMARKS: Attended 1200-0200Z±. Arpt unattended Christmas Day. 24 hr self serve 100LL avbl with credit card. -15' depression AER 23, 246' left of centerline parallel to rwy 400' long. TPA-1106 (800) helicopters, 1306(1000) single and lgt twins, 1806 (1500) large twins and jets.

AIRPORT MANAGER: 301-600-2201

WEATHER DATA SOURCES: AWOS-3 124.875 (301) 600-1457.

COMMUNICATIONS: CTAF 132.4 ATIS 124.875 UNICOM 122.95

RCO 122.1R 109.0T (LEESBURG RADIO)

® **POTOMAC APP/DEP CON** 125.525

TOWER 132.4 (1200-0200Z±) **GND CON** 121.975 **CLNC DEL** 121.975
126.9 (When twr clsd)

AIRSPACE: CLASS D svc 1200-0200Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70' W76°58.71' 264° 19.0 NM to fld. 820/8W.
HIWAS.

VOR portion unusable:

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

301°-334° blo 5,500'

TACAN AZIMUTH & DME unusable:

281°-055° byd 35 NM blo 3,000'

(T) **VOR** 109.0 FDK N39°24.73' W77°22.51' at fld. 304/8W. NOTAM FILE FDK.

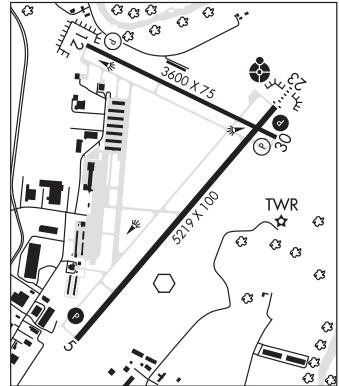
VOR unusable:

150°-160° byd 10 NM blo 3,000'

180°-190°

ILS 110.3 I-FDK Rwy 23.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-429-5882.



FREEWAY (See BOWIE on page 89)

FRIENDLY

POTOMAC AIRFIELD (VKX)(KVX) 0 NE UTC-5(-4DT) N38°44.92' W76°57.36'

118 B NOTAM FILE DCA

RWY 06-24: H2665X40 (ASP-HAFSC) MIRL 0.3% up NE

RWY 06: REIL. PAPI(P2L)—GA 5.0° TCH 19'. Thld dspcd 376'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 5.5° TCH 20'. Thld dspcd 90'. Trees.
Rgt tfc.

SERVICE: S4 **FUEL** 100LL **LGT** REIL Rwy 06 and Rwy 24 opr SS-SR.

ACTIVATE REIL Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24—CTAF.

AIRPORT REMARKS: Attended 1200-0300Z±. Arpt within Flight Restricted Zone. Expect 24 hr security from police, mil and others on the gnd and in the air. Unlimited vehicle access to acft movement areas. NS ABTMT procedures, avoid tkf 0300-1200Z±. Rotating bcn located 1000' north of arpt. Visitors please tune 122.85 for parking instructions and gnd svcs. Rentals avbl 301-292-9700. Rwy 06 PAPI unusable 3° right of course.

AIRPORT MANAGER: 301-248-5720

COMMUNICATIONS: CTAF/AUNICOM 122.8

® **POTOMAC APP/DEP CON** 124.7 125.65 (DC-FRZ)

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

ANDREWS (L) VORTACW 113.1 ADW Chan 78 N38°48.43'
W76°51.98' 240° 5.5 NM to fld. 263/10W.

VOR unusable:

089°-182°

183°-227° byd 10 NM blo 2,500'

183°-227° byd 18 NM blo 4,000'

230°-236° byd 20 NM

237°-270°

333°-048°

TACAN AZIMUTH unusable:

295°-310°

VORTAC unusable:

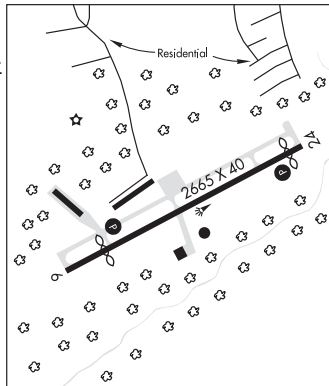
035°-045° blo 2,500'

TACAN BOTH unusable:

220°-280°

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Potomac Apch at 866-599-3874.

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L-29E, 34F, 36I, A
IAP**



GAITHERSBURG

MONTGOMERY CO AIRPARK (GAI)(KGAI) 3 NE UTC-5(-4DT) N39°10.10' W77°09.96'

WASHINGTON
L-29E, 34F, 36I, A
IAP

539 B TPA—See Remarks NOTAM FILE DCA
RWY 14-32: H4202X75 (ASPH) MIRL 1.1% up SE
RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 53'. Trees.
RWY 32: REIL. Pole. Rgt tfc.

SERVICE: S6 **FUEL** 100LL, JET A **OX 4** **LGT** ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z. Unattended Christmas day. Fuel truck avbl 1300-0100Z, req on 122.85. Self-serve 100LL avbl with credit card. Deer and birds on and invof arpt. Be alert SFRA procedures in effect. Preferred calm wind Rwy 14. Arpt not recommended for acft with wingspans in excess of 79' and gross weight in excess of 48,000 lbs. Rwy 14 has 30' downslope 75' left and rgt of centerline at thld to 150' both sides. South ramp not recommended for acft with wingspan greater than 79' or weight greater than 40,000 lbs. NS ABTMT depart Rwy 32 turn rgt to at least 340°, jets refrain from Rwy 32 tkf between 0400-1200Z. Helicopters refrain from air taxi over paved parking ramps. TPA—1539(1000), turbine and jet acft 2039(1500), helicopter 1339(800).

AIRPORT MANAGER: 301-762-9080

WEATHER DATA SOURCES: AWOS-3PT 128.275 (301) 977-2971.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **POTOMAC APP/DEP CON** 128.7

CLNC DEL 121.6

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VOR/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 053° 19.8 NM to fld. 296/8W.

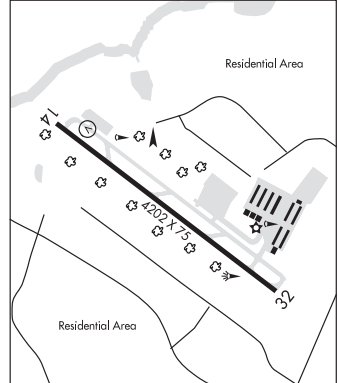
VOR unusable:
 055°-092° blo 4,500'
 093°-115°
 116°-210° blo 4,500'

DME unusable:
 055°-210° byd 28 NM blo 2,500'
 211°-230° byd 30 NM blo 3,000'

FREDERICK (T) VOR 109.0 FDK N39°24.73' W77°22.51' 154° 17.6 NM to fld. 304/8W. NOTAM FILE FDK.

VOR unusable:
 150°-160° byd 10 NM blo 3,000'
 180°-190°

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.



GARRETT CO (See OAKLAND on page 105)

GRANTSVILLE N39°38.10' W79°03.03' NOTAM FILE EKN.

CINCINNATI
L-29D

(L) **VOR/DME** 112.3 GRV Chan 70 101° 13.5 NM to Greater Cumberland Rgnl. 2640/6W.

DME unusable:
 071°-306° byd 20 NM blo 6,000'
 108°-113° byd 38 NM
 307°-070° byd 20 NM blo 5,000'
 325°-345° byd 35 NM

RCO 122.1R 112.3T (ELKINS RADIO)

GREATER CUMBERLAND RGNL (See CUMBERLAND on page 93)

HAGERSTOWN RGNL—RICHARD A HENSON FLD (HGR)(KHGR) P (AR) 4 N UTC-5(-4DT)

WASHINGTON

H-10H, 12I, L-29D, A
IAP, AD

N39°42.51' W77°43.59'

703 B Class I, ARFF Index B NOTAM FILE HGR

RWY 09-27: H7000X150 (ASPH-GRVD) S-100, D-150, 2S-175,
2D-250 PCN 62 F/B/X/T HIRL 0.3% up E**RWY 09:** REIL. PAPI(P4L)—GA 3.0° TCH 55'.**RWY 27:** MALSR. PAPI(P4L)—GA 3.0° TCH 55'.**RWY 02-20:** H3165X100 (ASPH) S-80, D-100, 2S-127, 2D-170

MIRL 0.3% up N

RWY 02: REIL. PAPI(P2L)—GA 4.0° TCH 53'.**RWY 20:** REIL. PAPI(P2L)—GA 4.0° TCH 33'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 02:** TORA-3165 TODA-3165 ASDA-3165 LDA-3165**RWY 09:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**RWY 20:** TORA-3165 TODA-3165 ASDA-3165 LDA-3165**RWY 27:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**SERVICE:** S4 FUEL 100LL, JET A, A1 OX 1, 2, 3, 4 LGT When twr clsd

ACTIVATE MALSR Rwy 27, REIL Rwy 09, HIRL Rwy

09-27—CTAF. **MILITARY—FUEL A, A+** (Avbl 1000-0300Z†,

C301-791-9119, OT 3 hr PN C301-730-4700/301-730-4100,

fee \$100/hr.) (NC-100LL) OIL 0-128

AIRPORT REMARKS: Attended 1000-0300Z†. Fuel avbl 1000-0300Z†, call

301-791-9119. DOD contract fuel avbl. Birds on and invof arpt. Low level mil acft 10 NM north on VR708 opr east to west. Ultralight activity 12 NM east to 5000' MSL. Rwy 02-20 clsd when twr clsd. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 240-313-2777. Twp P not avbl for air carrier ops. Ldg fee.

AIRPORT MANAGER: 240-313-2777**WEATHER DATA SOURCES:** ASOS 126.375 (301) 745-3497.**COMMUNICATIONS:** CTAF 120.3 UNICOM 122.95

RCO 122.1R 109.8T (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 126.825

TOWER 120.3 (1200-0300Z†) GND CON 120.8

AIRSPACE: CLASS D svc 1200-0300Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**ST THOMAS (L) VORTAC** 115.0 THS Chan 97 N39°55.99' W77°57.06' 149° 17.0 NM to fld. 2338/7W.

(L) VOR 109.8 HGR N39°41.86' W77°51.34' 091° 6.0 NM to fld. 563/7W. NOTAM FILE HGR.

VOR unusable:

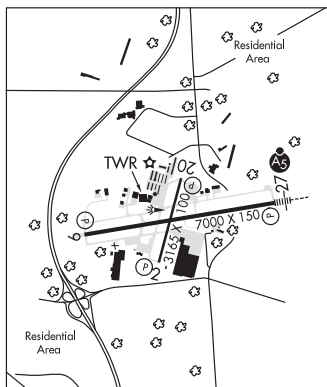
251°-280° byd 16 NM blo 4,000'

281°-300° byd 24 NM blo 8,000'

351°-050°

ILS/DME 111.9 I-UYK Chan 56 Rwy 09. ILS unavbl when ATCT clsd.

ILS/DME 111.9 I-HGR Chan 56 Rwy 27. Class IE. OM/LOM OTS infdef.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-709-4993.**HARFORD CO** (See CHURCHVILLE on page 90)**HAVRE DE GRACE SPB** (MØ6) 1 E UTC-5(-4DT) N39°32.49' W76°04.18'

WASHINGTON

00 NOTAM FILE DCA

WATERWAY E-W: 8000X200 (WATER)**WATERWAY E:** Bridge.**WATERWAY N-S:** 8000X200 (WATER)**WATERWAY S:** Bridge.**SEAPLANE REMARKS:** Attended May-Nov dawn-dusk. Birds on and invof arpt.**AIRPORT MANAGER:** (410) 258-9648**COMMUNICATIONS:** CTAF/UNICOM 123.0

INDIAN HEAD

MARYLAND (2W5) 4 E UTC-5(-4DT) N38°35.82' W77°04.35'

175 TPA—1005(830) NOTAM FILE DCA

RWY 02-20: H3740X75 (ASPH) MIRL 0.4% up N

RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 20: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 02 and MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Attended 1300Z†-dusk. Arpt unattended Thanksgiving, Christmas and New Years Day. Rwy 18-36 CLOSED. Birds and wildlife on and invof arpt. Arpt deactivates PAPI when winds favor Rwy 20.

AIRPORT MANAGER: 301-283-6202

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **POTOMAC APP/DEP CON** 124.7 118.95 (DC-SFRA)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35'

W76°44.68' 257° 16.7 NM to fld. 210/10W. **HIWAS.**

TACAN AZIMUTH unusable:

006°-194° blo 12,500'

DME portion unusable:

031°-050° byd 20 NM blo 4,000'

051°-065° byd 20 NM blo 5,000'

066°-076° byd 20 NM blo 3,000'

066°-076° byd 32 NM blo 5,000'

077°-086° byd 20 NM blo 5,000'

087°-122° byd 20 NM blo 7,000'

087°-143° byd 36 NM

123°-143° byd 20 NM blo 6,000'

123°-143° byd 32 NM blo 7,000'

144°-180° byd 20 NM blo 5,000'

181°-259° byd 20 NM blo 2,500'

260°-030° byd 20 NM blo 3,000'

VOR unusable:

006°-194° blo 12,500'

072°-138° blo 6,000'

139°-234° blo 10,000'

311°-349°

VOR OTS

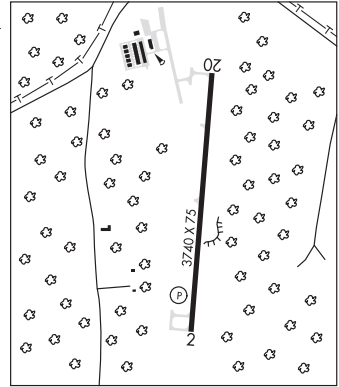
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-599-3874.

WASHINGTON

COPTER

L-29E, 34E, 36I, A

IAP



JOINT BASE ANDREWS (ADW)(KADW) AF (ANG AFRC) 3 E UTC-5(-4DT) N38°48.65' WASHINGTON
 W76°52.04' COPTER

280 B TPA—See Remarks NOTAM FILE ADW Not insp. H-10H, 12L, L-29E, 34F, 361, A
RWY 01L-19R: H11318X200 (CONC) PCN 72 R/B/W/T HIRL CL DIAP, AD

RWY 01L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR Thld dsplcd 1000'.
RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Thld dsplcd 1000'.
RWY 01R-19L: H9756X150 (ASPH-CONC) PCN 54 R/B/W/T HIRL
RWY 01R: ALSF1. PAPI(P4L)—GA 3.0° TCH 62'. RVR-T
RWY 19L: ALSF1. PAPI(P4R)—GA 3.0° TCH 56'. RVR-T

ARRESTING GEAR/SYSTEM
RWY 01L BAK-14 BAK-12B(B) (2240'). BAK-14 BAK-12B(B) (2240'). **RWY 19R**
RWY 01R HOOK MB60 (35' OVRN) BAK-14 BAK-12B(B) (1500'). BAK-14 BAK-12B(B) (1537') HOOK MB60 (34' OVRN). **RWY 19L**

SERVICE: S4 OX2 **MILITARY—LGT** Rwy 01R-19L PAPI and ILS RPI not coincidental. Rwy 01R-19L PAPI set for hgt group
 3. End of twy lgt missing fr Twy W-1 and W-3, use CAUTION. **A-GEAR** Rwy 01R-19L North and South MB60 A-G unsvc.
JASU (A/M32A-86) 9(A/M32-95) **FUEL** A++ . Exp 30 min delay. Aircrew of tran acct rqr pwr on refuel must assist in refuel.
FLUID SP PRESAIR De-Ice LPOX HPOX LOX OIL SOAP **TRAN ALERT** No East/Navv side tran svcs avbl. Ctc NAFW at
 240-857-4880/9259 if considering flight to East/Navv side of JB Andrews.

MILITARY REMARKS: **RSTD** KADW rstd to Official Business Only (OBO). Rwy 01R-19L clsd UFN. Effective Rwy 01L/19R (btn
 dspld thld) avbl for tkf and ldg is 9,318'. Do not land prior to mrkd rwy thld, dspld thld may not be used for tkf or ldg roll
 out. Offi TERPS end of rwy for obst protection is mrkd thld. Do not use opposite end dspld thld for tkf computations or tkf
 roll. Rwy 01L/19R len of 11,318' is for Presidential Airlift Gp (PAG), 459 ARW acct and 1 ACCS acct other 89 OG/CC
 apv acct ops. Apvl for use of the dspld thlds for tkf or ldfs rqr 89 OG/CC apvl. Alternating rwy closures for preventive
 maintenance inspection nmly Mon btn 1230-1800Z check NOTAMS. Rwy 19R length inclg dsplcd thld areas
 10,918'X200'. Northernmost 400' of ovrn dsplcd thld areas can accommodate only idle thrust jet blast. Only
 southernmost 600' of Rwy 19R dsplcd thld areas (north end of Rwy 01L-19R) is usable for tkf (i.e. point at which tkf
 power can be applied) due to proximity of loc antenna array install 1,200' from Rwy 19R ldg thld. Ctc 89 OSS AM Ops
 for waiver DSN 858-3411. PPR must be req 72 hr prior to arr, DSN 858-3411. No arr/dep of tran fighter acct with live
 forward firing munitions. All inbd acct ctc Comd Post 30 mins out with DV codes, load msg, blocktime, ETD and rqr. AMC
 acct opr rstd dur bird watch condition moderate (tkof or ldg perms only when dep/arr tce avoid ident bird acct, no local
 IFR/VFR traffic pattern acct) and severe (tkof or ldg prohibited WO OG/CC), ctc baseops for current bird watch condition.
 For RON svc call 11 Wg Comd Post DSN 858-5058 or C301-981-5058. Wx flight DSN 858-2840/5826. ASDE in use.
 Opr transponders with alt reporting mode and ADS-8 (if equipped) enable in ctl movement area. **CAUTION** Extremely heavy
 VFR conflicting tfc North and South quadrants. Visibility byd 3 miles rstd by trees. Wind flow from 200°-300° disrupted
 by hangar on SE side of afld. Deer haz, pilots report any activity to twr/PTD. Obstruction (acct tails) encroach upon 7:1
 transition sfc, westside, between park rows 1-12, tail heights may encroach by 16' 7". East ramp, tail heights may
 encroach by 51' 6". Rwy Cond Code (RwyCC) not rptd. **TFC PAT** Because of extremely heavy air tfc to the west, all acct on
 overhead pat will enter from the east, regardless of ldg rwy. TPA—Overhead pat 2000(1720), rectangular pat
 1500(1220), lgt acct and helicopter 1000(720). C130 acct exp reduced rwy separation. C130 to C130 5,000', C130
 to fighter acct 8,000'. Acft req VFR mult patterns must use twr VHF freq. **NS ABTMT** No practice apch btn 0300-1100Z, all
 acct exp full stop ldg. Quiet hr nmly 0300-1100Z. Scramble/Alert msn exempt. 0000-1100Z, daily, no
 helicopter overflight or tfc pat west of Rwy 01L-19R (over base housing) blo 800' AGL. Strict compliance with procedure
 rqrd. 89 OSS AM OPS DSN 858-3411, C301-981-3411. **NS ABTMT EAST RAMP** Turboprop taxi low idle and secure
 outboard engines prior to ramp entry, exempt dur ice cond. **MISC** All tran acct will hold on Twy W for follow me vehicle prior
 to entering parking ramp. First 4300' and last 325' of Rwy 01R conc. Fighter/training acct bring engine covers. Acft with
 VIP expecting transfer to AF copter must ctc MUSSEL OPS (141.7 292.2) 15 min out if arr will be different than
 scheduled. For flight planning, use DCA preferred IFR routes lctd at
<http://www.fly.faa.gov/rmt/n.fdc-preferred-routes-database.jsp>. Rwy 01L-19R grooved. NOTE: See Special
 Notices—Continuous Power Facilities. RCR unavailable from ATC. For most current RCR data avbl, ctc Comd Post UHF
 or afld mgmt 301-981-9442. **CSTMS/AG/IMG** Customs Border Protection hrs 1100-2300Z, after 2300Z ctc Comd Post.
 OT agents drive to Andrews AFB. No notice acct that rqr Customs can exp min 2 hr delay. CBP rqr the following forms for
 arrival acct. CBP form 7507 (11/12) general declaration, CBP form 6059B (04/14) customs declaration lctd
<https://www.cbp.gov/newsroom/publications/forms>. **MISC NAVY** Exc for DV flights Navv hq bldg open 1200-2200Z
 Mon-Fri. Dur or after hr ctc NAFW cdo at C240-381-2739 or OOD at C202-340-5954. Enter East ramp at north
 entrance, Twy E3. **ANG** PPR for svc and use of parking ramps. No AV Gas or reciprocating engine oil avbl, ltd maintenance.
 Ctc 201 OPS DSN 857-7161/62, UHF 314.25, lctd west side of afld. 113 WG, DCANG DSN 857-4190/91, UHF 234.8
 lctd east side ADW. No tran maintenance avbl.

AIRPORT MANAGER: 301-981-3416
WEATHER DATA SOURCES: TDWR.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

COMMUNICATIONS: D-ATIS 132.35 251.05 D

® POTOMAC APP CON 128.0 269.0

TOWER 118.4 349.0 GND CON 121.8 275.8 CLNC DEL 127.55 285.475

® POTOMAC DEP CON 118.95 257.2 (West) 125.65 348.725 (East)

ANDREWS COMD POST 141.55 378.1 PMSV METRO 344.6 Wx svc avbl 24hrs. Afltd wx monitored by AN/FMQ-19 ASOS,

Augmented by human observations during systems outage. Supported by 15th opr Wx Squadron DSN 576-9755

C618-256-9755. AFRC OPS 143.8 351.2 A/G See Global HF Systems list in FIH.

VOR TEST FACILITY (VOT) 109.6

AIRSPACE: CLASS B See VFR Terminal Area Chart

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

ANDREWS (L) VORTACW 113.1 ADW Chan 78 N38°48.43' W76°51.98' at fld. 263/10W.

VOR unusable:

089°-182°

183°-227° byd 10 NM blo 2,500'

183°-227° byd 18 NM blo 4,000'

230°-236° byd 20 NM

237°-270°

333°-048°

TACAN AZIMUTH unusable:

295°-310°

VORTAC unusable:

035°-045° blo 2,500'

TACAN BOTH unusable:

220°-280°

ILS 111.5 I-RWS Rwy 01L. Class IIT. LOC unusable inside rwy thr. Survl apch avbl for all rwys and are only authorized btn hours of 0,800I and 2,000I.

ILS 110.5 I-VJM Rwy 01R. Class IE. Survl apch avbl for all rwys and are only authorized btn hours of 0,800I and 2,000I.

ILS 110.5 I-GQZ Rwy 19L. Class IE. Survl apch avbl for all rwys and are only authorized btn hours of 0,800I and 2,000I.

ILS 111.5 I-MXK Rwy 19R. Class IIIE. Survl apch avbl for all rwys and are only authorized btn hours of 0,800I and 2,000I. LOC restrict byd 25° 150hz side due to prohibited airspace 'p-56'. LOC unusable 25° r of course.

COMM/NAV/WEATHER REMARKS: PTD: OTS UFN.

KENTMORR AIRPARK (See STEVENSVILLE on page 111)

LANDY N38°21.76' W75°11.87' NOTAM FILE OXB.

WASHINGTON

NDB (MRW/LOM) 407 OX 144° 4.7 NM to Ocean City Muni. 33/12W. NDB unmonitored.

L-34F, 36I, A

LAUREL

SUBURBAN (W18) 2 SE UTC-5(-4DT) N39°04.62' W76°49.68'

WASHINGTON

148 B TPA-1003(855) NOTAM FILE DCA

COPTER

RWY 03-21: H2324X40 (ASPH) LIRL 0.9% up NE

RWY 03: Thld dspld 824'. Trees.

RWY 21: Thld dspld 824'. Trees.

SERVICE: LGT ACTIVATE LIRL Rwy 03-21 and arpt bcn-CTAF.

AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. No touch and go ldg or intersection tkfs authorized. Fee for overnight transits.

AIRPORT MANAGER: 410-987-3100

COMMUNICATIONS: CTAF/UNICOM 123.03

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

LAYTONSVILLE

DAVIS (W5Ø) 3 N UTC-5(-4DT) N39°14.61' W77°09.02'

WASHINGTON

630 TPA-1430(800) NOTAM FILE DCA

RWY 08-26: H2005X25 (ASPH)

RWY 08: APAP(PNIL)-GA 4.0°. Trees.

RWY 26: APAP(PNIL)-GA 4.0°. Trees.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Arpt CLOSED dusk-dawn. Birds and wildlife on and invof arpt. No touch and go ops are allowed.

AIRPORT MANAGER: 301-253-2897

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

LEE (See ANNAPOLIS on page 85)

LEONARDTOWN

ST MARY'S CO RGNL (2W6) 4 NE UTC-5(-4DT) N38°18.92' W76°33.01'

142 B NOTAM FILE DCA

RWY 11-29: H4150X75 (ASPH) S-12.5 MIRL 0.4% up W

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Trees.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 32'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 11-29, REIL Rwys 11 and 29—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Self serve 100LL avbl with credit card. Deer on and invof Rwy 11-29 SS-SR. Glider and ultralight activity on and invof arpt. Rwy 29 15' depression (downslope) 300' from thld 150' rgt, 125' left. When R-4007 in effect, acft operating VFR at arpt must remain within 1.5 NM of arpt, at or blw 1500 MSL, and above 700' AGL.

AIRPORT MANAGER: 301-863-8400

WEATHER DATA SOURCES: AWOS-3 119.575 (301) 373-6514.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z† Mon-Fri, 1300-2300Z† Sat-Sun, other times by NOTAM, other times ctc)

Ⓡ **POTOMAC APP/DEP CON** 135.625 (When NHK twr clsd)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27' W76°24.01' 293° 7.3 NM to fld. 18/10W.

VOR unusable:

023° byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

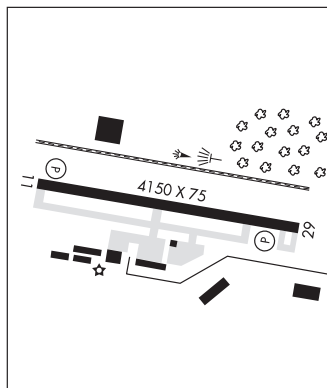
TACAN/DME portion unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.

WASHINGTON
L-29E, 34E, 36I, A
IAP



MARTIN STATE (See BALTIMORE on page 88)

MARYLAND (See INDIAN HEAD on page 101)

MASSEY AERODROME (MD1) 2 E UTC-5(-4DT) N39°17.96' W75°47.96'

WASHINGTON

73 NOTAM FILE DCA

RWY 02-20: 3000X100 (TURF)

RWY 02: Trees.

RWY 20: Thld dsplcd 120'. Trees.

AIRPORT REMARKS: Attended dawn-dusk. Gliders, hang-gliders, powered parachutes, ultralight activity on and invof arpt. Rwy thlds and sides marked with orange tfc cones. Rwy 20 dsplcd thld marked with 3 orange tfc cones on both sides.

AIRPORT MANAGER: 410-928-5270

COMMUNICATIONS: CTAF 122.9

MEXICO FARMS (See CUMBERLAND on page 93)

MONTGOMERY CO AIRPARK (See GAITHERSBURG on page 99)

NOTTINGHAM N38°42.35' W76°44.68' NOTAM FILE DCA.

WASHINGTON

(L) **VORTAC** 113.7 OTT Chan 84 328° 8.5 NM to Joint Base Andrews. 210/10W. **HIWAS.**

COPTER

H-10H, 121, L-29E, 34F, 361, A

TACAN AZIMUTH unusable:
006°-194° blo 12,500'

DME portion unusable:
031°-050° byd 20 NM blo 4,000'
051°-065° byd 20 NM blo 5,000'
066°-076° byd 20 NM blo 3,000'
066°-076° byd 32 NM blo 5,000'
077°-086° byd 20 NM blo 5,000'
087°-122° byd 20 NM blo 7,000'
087°-143° byd 36 NM
123°-143° byd 20 NM blo 6,000'
123°-143° byd 32 NM blo 7,000'
144°-180° byd 20 NM blo 5,000'
181°-259° byd 20 NM blo 2,500'
260°-030° byd 20 NM blo 3,000'

VOR unusable:
006°-194° blo 12,500'
072°-138° blo 6,000'
139°-234° blo 10,000'
311°-349°
VOR OTS

RCO 122.1R 113.7T (LEESBURG RADIO)

OAKLAND

GARRETT CO (2G4) 13 NE UTC-5(-4DT) N39°34.85' W79°20.16'

CINCINNATI

2933 B TPA-3733(800) NOTAM FILE EKN

H-10H, 121, L-29C

RWY 09-27: H5000X75 (ASPH-GRVD) MIRL 1.1% up W

IAF

RWY 09: REIL. PAPI(P4L)-GA 3.0° TCH 44'.

RWY 27: REIL. PAPI(P4R)-GA 3.0° TCH 45'.

SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTIVATE REIL Rwy 09-27,
MIRL Rwy 09-27 and PAPI Rwy 09 and Rwy 27-CTAF.

AIRPORT REMARKS: Attended 1300-2300Z†. Unattended Christmas and
New Years Day. 24 hr self-serve 100LL and JET A avbl with credit card.
Wildlife on and invof arpt.

AIRPORT MANAGER: 301-746-8599

WEATHER DATA SOURCES: AWOS-3 120.125 (301) 746-8443.

COMMUNICATIONS: CTAF/UNICOM 123.0

GRANTSVILLE RCO 122.1R 112.3T (ELKINS RADIO)

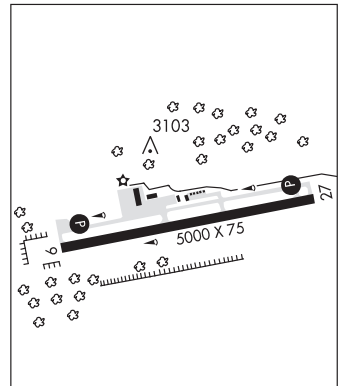
Ⓜ **CLARKSBURG APP/DEP CON** 121.15 (Mon-Fri 1100-0400Z†, Sat-Sun
1200-0400Z†)

Ⓜ **CLEVELAND CENTER APP/DEP CON** 124.4 or call ZOB 440-774-0226
(Mon-Fri 0400-1100Z†, Sat-Sun 0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

GRANTSVILLE (L) VOR/DME 112.3 GRV Chan 70 N39°38.10'
W79°03.03' 262° 13.6 NM to fld. 2640/6W.

DME unusable:
071°-306° byd 20 NM blo 6,000'
108°-113° byd 38 NM
307°-070° byd 20 NM blo 5,000'
325°-345° byd 35 NM



OCEAN CITY MUNI (OXB)(K0XB) 2 SW UTC-5(-4DT) N38°18.63' W75°07.44'

12 B NOTAM FILE OXB

RWY 14-32: H4074X75 (ASPH) S-20 MIRL

RWY 14: VASI(V4L)—GA 3.0° TCH 47'. Trees.

RWY 32: VASI(V4L)—GA 3.0° TCH 39'.

RWY 02-20: H3204X75 (ASPH) MIRL

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 40'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** VASI Rwy 14 and VASI Rwy 32 opr continuously. PAPI Rwy 02 OTS indef. **ACTIVATE** REIL Rwy 02-20, and MIRL Rwy 14-32 and Rwy 02-20—CTAF.

AIRPORT REMARKS: Attended Oct-Apr 1300-2200Z†, May-Sept, Mon-Thu 1300-2200Z†, May-Sept, Fri-Sun 1300-2300Z†. Arpt unattended Thanksgiving, Christmas and New Years Day. 24 hr self serve 100LL avbl with credit card. Parachute Jumping. Deer and birds on and invof arpt. Trucks and vehicles crossing twy, north of hold block Rwy 02. Rwy 02 PAPI unusable 7° right of centerline.

AIRPORT MANAGER: (443) 235-4434

WEATHER DATA SOURCES: ASOS 119.025 (410) 213-1530.

COMMUNICATIONS: CTAF/UNICOM 123.05

® **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Fri, 1300-2300Z† Sat-Sun, other times by NOTAM, other times ctc)

® **POTOMAC APP/DEP CON** 127.25 (When NHK apch cldd)

CLNC DEL 127.25 (When NHK apch cldd)

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) VORTAC 111.2 SBY Chan 49 N38°20.70' W75°30.64' 108° 18.4 NM to fld. 48/12W.

VOR portion unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

111°-113° byd 19 NM blo 5,000'

114°-120° byd 16 NM blo 5,000'

TACAN AZIMUTH & DME unusable:

009°-055° byd 30 NM

LANDY NDB (MHW/LOM) 407 OX N38°21.76' W75°11.87' 144° 4.7 NM to fld. 33/12W. NOTAM FILE OXB. NDB unmonitored.

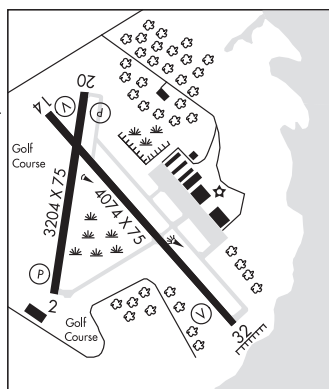
LOC 109.15 I-OXB Rwy 14. LOM LANDY NDB. LANDY NDB unmonitored. LOC unusable byd 20° left and r of course.

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK Apch is cldd ctc Potomac Apch at 866-640-4124.

WASHINGTON

L-361, A

IAP



PATUXENT RIVER NAS (TRAPNELL FLD) (NHK)(KNHK) N 0 N UTC-5(-4DT) N38°17.18' W76°24.60' WASHINGTON
H-101, 121, L-34E, 361, A
DIAP, AD

39 B TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 06-24: H11799X200 (ASPH) PCN 70 R/B/W/T HIRL CL

RWY 06: ALSF1. OLS. TDZL.

RWY 24: OLS.

RWY 14-32: H9732X200 (CONC) PCN 67 R/C/W/T HIRL

RWY 14: OLS.

RWY 32: OLS.

RWY 02-20: H5021X75 (ASPH) PCN 79 F/A/W/T

ARRESTING GEAR/SYSTEM

RWY 06 HOOK E28(B) (2180'). HOOK E28(B) (1499'). **RWY 24**

RWY 14 HOOK E28(B) (1280'). HOOK E28(B) (3050'). **RWY 32**

SERVICE: **MILITARY—JASU** (NCPP-105) (NC-8A) (NC-10C) **FUEL** 100LL, A, J5 **FLUID** SP LHOX LOX **Oil**

O-128-133-148-156(Mil) **TRAN ALERT** Avbl 1200-2300Z‡ Mon-Fri exc hol.

MILITARY REMARKS: Opr Class D svc Mon-Fri 1200-0400Z‡, Sat-Sun 1300-2300Z‡, clsd holidays. OT by NOTAM. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR, no NOTAM terminal facilities avbl. DSN 342-3836, C301-342-3836. Acft must make prior arrangement and receive PPR from host Squadron, or NAS Air Ops. Ltd ramp space, and ltd tran svc avbl expect delays. **CAUTION** Stopping in rstd area on Twy A, W twy is prohibited. Portions of rwy, twy and acft ramps not visible from twr. First 1630' Rwy 32 may be clsd dalgt hrs Mon-Sat during VFR. Buildings and equipment located near the AER 32. Deer and bird haz. **TFC PAT** TPA—VFR initial at 4 DME (Rwy 32 at 3 DME) 2000(1961), break 1500(1461), downwind 1000(961). Reduced rwy separation standard in effect for local based USN/USMC acft.

NS ABTMT Military acft maintain at least 1500' between 3 NM and 10 NM from 210° clockwise to 240°. No practice apch Mon-Fri 0300-1200Z‡. Sat before 1500Z‡, Sun before 1700Z‡. Tran acft practice apch not to interfere basis.

CSTMS/AG/IMG Ltd to acft on official business at Patuxent River with 72 hr prior notice. Ctc AODO at DSN 342-3836, C301-342-3836. **MISC** Wx forecast svc avbl 0900-0100Z‡ Mon-Fri. For forecast svc all other hrs ctc FWC-N at DSN 565-4555 or C888-745-6899. Wx observation and PMSV monitoring avbl 1100-0400Z‡ Mon-Fri and 1200-2300Z‡ Sat-Sun.

AIRPORT MANAGER: 301-863-3339

COMMUNICATIONS: SFA ATIS 322.425

RCO 117.6 122.1 (LEESBURG RADIO)

® **APP/DEP CON** 120.05 281.8 (165°-055° abv 3000) 121.0 250.3 (165°-055° 3000 and blo) 127.95 314.0 (056°-164°) (Mon-Fri 1200-0400Z‡, Sat-Sun 1300-2300Z‡. Other times by NOTAM.)

® **POTOMAC APP/DEP CON** 135.625 269.625 (Mon-Fri 0400-1200Z‡, Sat-Sun 2300-1300Z‡ other times by NOTAM)

TOWER 123.7 343.65 340.2X (1200-0400Z‡ Mon-Fri, 1300-2300Z‡ Sat-Sun, clsd holidays. Other times by NOTAM.)

GND CON 120.6 336.4 **CLNC DEL** 135.2 316.125 **PMSV METRO** 356.2 **BASE OPS** 302.55

AIRSPACE: **CLASS D** svc 1200-0400Z‡ Mon-Fri, 1300-2300Z‡ Sat-Sun, closed holidays other times **CLASS E**.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) **VORTAC** 117.6 PXT Chan 123 N38°17.27' W76°24.01' at fld. 18/10W.

VOR unusable:

023° byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

TACAN/DME portion unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

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NAS PATUXENT RIVER (L) TACAN Chan 39(Y) NHK (110.25) N38°16.86' W76°24.64' at fld. 17/10W. NOTAM FILE NHK.

TACAN AZIMUTH unusable:
026°-045° byd 20 NM
060°-075°
076°-090° byd 15 NM
135°-170° byd 15 NM
171°-190°
191°-220° byd 25 NM
221°-240° byd 15 NM
250°-290° byd 15 NM
355°-025°

DME unusable:
026°-045° byd 20 NM
060°-075°
076°-090° byd 15 NM
135°-170° byd 15 NM
171°-190°
191°-220° byd 25 NM
221°-240° byd 15 NM
250°-290° byd 15 NM
355°-025°

NDB (MHW) 400 NHK N38°17.16' W76°24.20' at fld. 19/10W.

NDB unusable:
Byd 10 NM

ASR/PAR Mon-Fri 1200-0400Z†, Sat-Sun 1300-2300Z†

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For Clnc Del when NHK ATCT/Apch are clsd ctc Potomac Apch at 866-640-4124.

PHILLIPS AAF (APG)(KAPG) A 2 S UTC-5(-4DT) N39°27.97' W76°10.13'

57 B NOTAM FILE DCA Not insp.

WASHINGTON

H-101, 121, L-34F, 361, A

RWY 04-22: H7997X200 (ASPH) PCN 30 F/B/W/T HIRL

DIAP

RWY 04: REIL.

RWY 22: ODALS. REIL. PAPI(P4L).

SERVICE: MILITARY—LGT HIRL Rwy 04-22 PPR only. Twr ctrl PAPI and ODALS Rwy 22. **FUEL J8 OIL** 0-113-156(Mil)

MILITARY REMARKS: Opr Mon-Fri 1100-0200Z† exc holidays, other times PPR. **RSTD** 24 hr PPR all acct. Tran acct ldg at any site other than arpt before SR or 1200Z†, whichever is later or after SS is prohibited. DSN 298-3483/3074, C410-278-3483/3074. **CAUTION** Impact area 1300 yards south of Rwy 04-22 and 2.5 miles southwest of departure end of Rwy 22. Deer haz. Ctc twr 15 min prior to arrival to arrange deer sweep. If twr clsd use extreme caution. **NS ABTMT** Noise sensitive area. Use NS ABTMT opr procedure. **MISC:** ARFF protection not located on aflld. ARFF station not staffed during aflld non opr hrs. Aflld signs NSTD or missing. ODALS displ 100' from Rwy 22 apch end.

AIRPORT MANAGER: 410-278-4902

COMMUNICATIONS: ATIS 124.425 108.4 (Mon-Fri 1100-2300Z†, exc holidays, other times PPR.)

Ⓡ **POTOMAC APP/DEP CON** 125.525 291.625

TOWER 126.15 229.6 241.0 (1100-0200Z† Mon-Fri exc holidays, other times PPR.) **GND CON** 121.9

AIRSPACE: CLASS D svc 1100-0200Z† Mon-Fri x holidays other times ppr other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(T) **VORW/DME** 108.4 PPM Chan 21 N39°28.00' W76°10.26' at fld. 67/9W. VOR/DME unmonitored 0200-1100Z† Mon-Fri and hol wo ppr.

VOR unusable:

130°-140° byd 10 NM

VOR/DME unusable:

241°-279° byd 16 NM blo 4,500'

DME unusable:

010°-035° byd 20 NM blo 2,500'

military use: mnt arpt opr hr

ABERDEEN NDB (MHWZ) 349 APG N39°32.15' W76°06.38' 225° 5.1 NM to fld. 45/10W. NDB unmonitored

0200-1100Z† Mon-Fri and hol wo ppr.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-429-5882.

PIER 7 HELIPORT (See BALTIMORE on page 88)

POTOMAC AIRFIELD (See FRIENDLY on page 98)

RIDGELY AIRPARK (RJD)(KRJD) 2 NE UTC-5(-4DT) N38°58.21' W75°51.98'

WASHINGTON

64 B NOTAM FILE DCA

L-34F, 36, A

RWY 12-30: H3214X50 (ASPH) S-28, D-39 LIRL

RWY 12: REIL. Trees.

RWY 30: REIL. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE LIRL Rwy 12-30 and REIL Rwy 12 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended Thu-Mon 1400-2200Z. Self svc 100LL fuel avbl with credit card. PPR for use of grass surfaces. Birds, deer and wildlife on and in/ov arpt. Unlimited vehicle access to acft movement areas. Turf areas adjacent to acft movement areas soft when wet.

AIRPORT MANAGER: (240) 464-8998

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 124.55

DOVER APP/DEP CON 132.425 (Rwy 30)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90'

W75°30.96' 235° 22.7 NM to fld. 15/9W.

TACAN AZIMUTH & DME unusable:

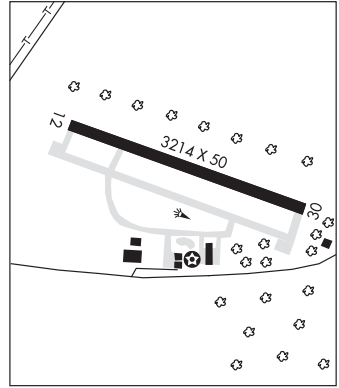
140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR portion unusable:

159°-169° blo 3,000'

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored.



ST MARY'S CO RNGL (See LEONARDTOWN on page 104)

SALISBURY

BENNETT (1N5) 4 NW UTC-5(-4DT) N38°24.77' W75°37.02'

WASHINGTON

46 B TPA-1046(1000) NOTAM FILE DCA

RWY 17-35: 3171X95 (TURF) LIRL

RWY 17: APAP(PNIL)—GA 4.0° TCH 23'. Thld dspcd 240'. Road.

RWY 35: APAP(PNIL)—GA 5.0°. Thld dspcd 941'. Trees.

RWY 08-26: 2302X95 (TURF)

RWY 08: Thld dspcd 800'. Trees.

RWY 26: Thld dspcd 300'. Road.

SERVICE: LGT Arpt lgts opr dusk-0400Z. ACTIVATE LIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Attended dawn-dusk. Birds and wildlife on and in/ov arpt. Ultralight activity on and in/ov arpt. Four 300' lgtd antennas one-half mile from rwy, 500' left of extd centerline. Rwy 08-26 dspcd thld marked with three orange cones each side of rwy. Rwy 17-35 dspcd thlds marked with cones.

AIRPORT MANAGER: 410-742-9642

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PATUXENT APP/DEP CON 127.95 (1200-0400Z Mon-Fri, 1300-2300Z Sat-Sun, other times by NOTAM, other times ctc)

Ⓡ POTOMAC APP/DEP CON 127.0

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.

SALISBURY—OCEAN CITY WICOMICO RGNL (SBY)(KSBY) 4 SE UTC-5(-4DT) N38°20.41' W75°30.57'

WASHINGTON
H-101, 121, L-34F, 361, A
IAP, AD

53 B TPA—1053(1000) Class I, ARFF Index B NOTAM FILE SBY

Rwy 14-32: H6400X100 (ASPH-GRVD) S-76, D-126, 2S-146, 2D-423, 2D/2D2-749 PCN 43 F/C/W/T HIRL

Rwy 14: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

Rwy 32: MALSR. PAPI(P4L)—GA 3.0° TCH 54'.

Rwy 05-23: H5000X100 (ASPH-GRVD) S-30, D-65, 2S-83 MIRL

Rwy 05: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

Rwy 23: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

Rwy 05: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

Rwy 14: TORA-6400 TODA-6400 ASDA-6400 LDA-6400

Rwy 23: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

Rwy 32: TORA-6400 TODA-6400 ASDA-6400 LDA-6400

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 05, Rwy 14, Rwy 23, and Rwy 32 PAPI opr continuously. When twr clsd ACTIVATE MALSR Rwy 32, REIL Rwy 05, Rwy 14, and Rwy 23, MIRL Rwy 05-23, HIRL Rwy 14-32 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1230-2100Z†. FBO hrs 1100-0200Z†. For svcs after hrs call 410-749-0323. Deer and birds on and in/ov arpt. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 410-548-4827. Numerous military training activity on and in/ov arpt. Numerous cracks and spalling on Twy C between Twy B and Twy E. Rwy 05-23 and Rwy 14-32 NSTD reflective ldg zone marker panels adjacent to the rwy.

AIRPORT MANAGER: 410-548-4827

WEATHER DATA SOURCES: ASOS 118.325 (410) 341-0868.

COMMUNICATIONS: CTAF 119.425 UNICOM 122.95

RCO 122.1R 111.2T (LEESBURG RADIO)

RCO 122.2 122.3 (LEESBURG RADIO)

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Fri, 1300-2300Z† Sat-Sun, other times by NOTAM, other times etc.)

Ⓡ **POTOMAC APP/DEP CON** 127.2

TOWER 119.425 (1100-0330Z†) **GND CON** 123.775 **CLNC DEL** 123.775 (1100-0330Z†)

AIRSPACE: CLASS D svc 1100-0330Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

(L) **VORTAC** 111.2 SBY Chan 49 N38°20.70' W75°30.64' at fld. 48/12W.

VOR portion unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

111°-113° byd 19 NM blo 5,000'

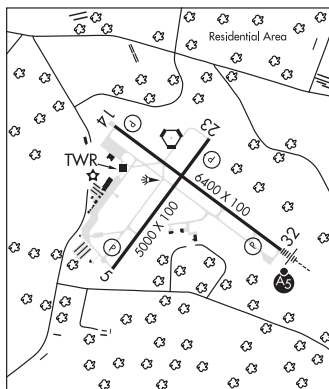
114°-120° byd 16 NM blo 5,000'

TACAN AZIMUTH & DME unusable:

009°-055° byd 30 NM

ILS 108.7 I-SBY Rwy 32. Class IE.

COMM/NAV/WEATHER REMARKS: For Clnc Del when NHK ATCT/Apch are clsd ctc Potomac Apch at 866-640-4124.



SNOW HILL N38°03.40' W75°27.83' NOTAM FILE DCA.

WASHINGTON
H-101, 121, L-361

(L) **VORTAC** 112.4 SWL Chan 71 189° 7.0 NM to Wallops Flight Facility, 34/8W.

VOR portion unusable:

005°-020° byd 25 NM blo 1,500'

020°-040° byd 20 NM blo 1,700'

040°-045° byd 10 NM blo 2,000'

210°-225° byd 13 NM blo 4,000'

210°-225° byd 18 NM blo 6,000'

210°-225° byd 37 NM

225°-265° byd 10 NM blo 2,500'

225°-265° byd 30 NM blo 9,000'

265°-005° byd 20 NM blo 1,500'

RCO 122.1R 122.6 112.4T (LEESBURG RADIO)

STEVENSVILLE

BAY BRIDGE (W29) 1 W UTC-5(-4DT) N38°58.59' W76°19.80'

15 B TPA—1215(1200) NOTAM FILE W29

RWY 11-29: H2713X60 (ASPH) MIRL 0.3% up E

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 39'.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF.

AIRPORT REMARKS: Attended 1230-2130Z. Unattended Thanksgiving, Christmas and New Years. Self serve 100LL avbl with credit card. Touch and go ops prohibited. Birds, deer, and other wildlife on and in/ov arpt. Noise abatement procedures in effect ctc arpt manager 410-643-4364. Noise sensitive residential area south of arpt; enter downwind for Rwy 29 over water twr south of fld. Be alert, heliport approximately 8 miles East of arpt. Rwy 11 PAPI unusable byd 5° left of centerline.

AIRPORT MANAGER: 410-643-4364

WEATHER DATA SOURCES: AWOS-3 120.575 (410) 643-8795.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **POTOMAC APP/DEP CON** 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (I) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 138° 19.4 NM to fld. 140/11W.

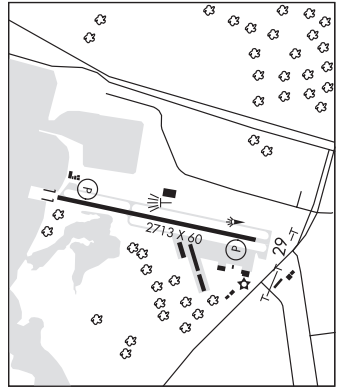
TACAN AZIMUTH & DME unusable:
133°-155° byd 20 NM blo 10,000'
300°-349° byd 35 NM

TACAN DME unusable:
133°-155° byd 36 NM

VOR unusable:
133°-155° byd 20 NM blo 10,000'
197°-217° byd 17 NM
282°-292°

TACAN AZIMUTH unusable:
029°-042° byd 30 NM
180°-190° byd 17 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.



**WASHINGTON
COPTER**
L-29E, 34F, 36I, A
IAP

KENTMORR AIRPARK (3W3) 5 SW UTC-5(-4DT) N38°55.09' W76°21.53'

10 TPA—1000(990) NOTAM FILE DCA

RWY 10-28: 2400X75 (TURF)

RWY 10: Thld dsplcd 200'. Trees.

RWY 28: Thld dsplcd 150'. Road.

AIRPORT REMARKS: Unattended. Numerous birds, deer, other wildlife on and in/ov arpt. No ngt ops. Unlimited vehicle access to acft movement areas. Rwy 10-28 may be soft and wet. Preferred calm wind Rwy 28, for noise abatement. Preferred 90° crosswind Rwy 28, for noise abatement. MRLY 10-28 dsplcd thlds marked with orange cones. Helicopters requested to use standard tfc pattern. Taxi and park on north side of rwy.

AIRPORT MANAGER: 410-643-1785

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.

WASHINGTON

SUBURBAN (See LAUREL on page 103)

TIPTON (See FORT MEADE(ODENTON) on page 96)

WASHINGTON EXECUTIVE/HYDE FLD (See CLINTON on page 91)

WESTMINSTER

CARROLL CO RGNL/JACK B POAGE FLD (DMW)(KDMW) 3 N UTC-5(-4DT) N39°36.50'

WASHINGTON

H-10H, 12I, L-29E, 34F, A
IAP

W77°00.46'

789 B TPA—See Remarks NOTAM FILE DMW

RWY 16-34: H5100X100 (ASPH-GRVD) S-22 MIRL 0.3% up NW

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE MIRL Rwy 16-34, REIL Rwys 16 and 34 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unattended Christmas. Fuel self-serve 100LL avbl with credit card. Wildlife on and invof arpt. TPA—Fixed wing 1599(810), turbo prop and jet 2099(1310). Rwy 16-34 distance markers every 1000' west side of rwy. PAPI Rwy 16 unusable byd 5° rgt of centerline.

AIRPORT MANAGER: 410-876-9885

WEATHER DATA SOURCES: AWOS-3 121.25 (410) 876-1281.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **POTOMAC APP/DEP CON** 125.525

GCO 121.725 (PCT Clnc Del. If unavailable, for Clnc Del ctc Potomac Apch at 866-429-5882.)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70'
W76°58.71' 357° 6.9 NM to fld. 820/8W. **HIWAS.**

VOR portion unusable:

128°-161° byd 20 NM blo 6,500'

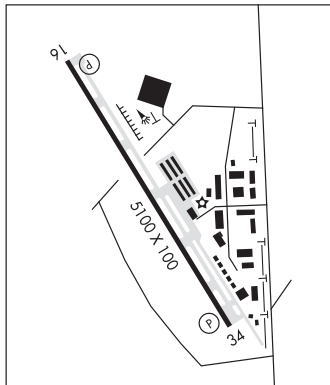
221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

301°-334° blo 5,500'

TACAN AZIMUTH & DME unusable:

281°-055° byd 35 NM blo 3,000'



CLEARVIEW AIRPARK (2W2) 7 S UTC-5(-4DT) N39°28.02' W77°01.05'

WASHINGTON

COPTER
L-29E, 34F, 36I, A
IAP

799 B TPA—1799(1000) NOTAM FILE DCA

RWY 14-32: H1840X30 (ASPH) LIRL(NSTD) 2.1% up SE

RWY 14: APAP(PNIL)—GA 4.0° TCH 20'. Thld dspcd 330'. Trees.

RWY 32: APAP(PNIL)—GA 7.0° TCH 34'. Thld dspcd 277'. Trees.

SERVICE: FUEL 100LL LGT ACTIVATE NSTD LIRL Rwy 14-32 and rotating bcn—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z†, Arpt unattended Thanksgiving, Christmas, and New Years Day. Unlimited vehicle access to acft movement areas. 60' drop off 125' from AER 14. Ultralight activity on and in vicinity of arpt. Rwy 14-32 NSTD LIRL, lgts 20' from edge of rwy. Rwy 14 dspcd thld has NSTD orange tfc cones, markings and lgts.

AIRPORT MANAGER: 410-795-1176

COMMUNICATIONS: CTAF/UNICOM 122.8

WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 125.525

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70'
W76°58.71' 235° 2.5 NM to fld. 820/8W. **HIWAS.**

VOR portion unusable:

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

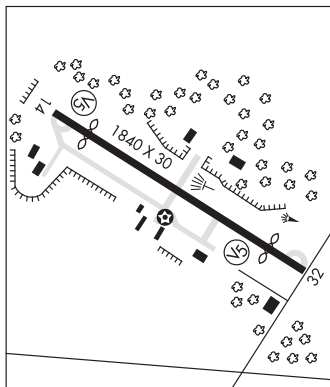
221°-231° byd 13 NM blo 16,000'

301°-334° blo 5,500'

TACAN AZIMUTH & DME unusable:

281°-055° byd 35 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-429-5882.



WESTMINSTER N39°29.70' W76°58.71' NOTAM FILE DCA.

(H) **VORTAC** 117.9 EMI Chan 126 235° 2.5 NM to Clearview Airpark. 820/8W. **HIWAS.**

VOR portion unusable:

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

301°-334° blo 5,500'

TACAN AZIMUTH & DME unusable:

281°-055° byd 35 NM blo 3,000'

RCO 122.1R 117.9T (LEESBURG RADIO)

WASHINGTON

COPTER

H-10H, 12I, L-29E, 34F, 36J, A

BARNSTABLE MUNI—BOARDMAN/POLANDO FLD (See HYANNIS on page 123)

BARRE/BARRE PLAINS
TANNER—HILLER (8B5) 4 SW UTC-5(-4DT) N42°21.38' W72°07.81'

NEW YORK

589 TPA—1589(1000) NOTAM FILE BDR

L-33C, 34J

RWY 06-24: H3027X40 (ASPH) S-9

RWY 06: Thld dsplcd 150'. Trees.

RWY 24: Thld dsplcd 200'. Trees.

SERVICE: S2

AIRPORT REMARKS: Unattended. Arpt CLOSED except PPR-ref NOTAMS. Wildlife on and invof arpt. Fuel not avbl. Gliders opr from arpt on intermittent basis. Gliders and powered acct follow left hand tfc pat on both rwy. Rwy 24 has grvl ovrn, Rwy 06 has turf ovrn.

AIRPORT MANAGER: (609) 923-3228

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 210° 11.8 NM to fld. 1280/14W.

BEDDS N42°28.78' W71°23.33' NOTAM FILE BED.

NEW YORK
NDB (LOWW) 332 BE 114° 4.5 NM to Laurence G Hanscom Fld. 200/16W.

BEDFORD
LAURENCE G HANSCOM FLD (BED)(KBED) P (AF) 0 NE UTC-5(-4DT) N42°28.20'

NEW YORK

W71°17.34'

COPTER

132 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE BED

H-11D, 12K, L-33D, 34J

RWY 11-29: H7011X150 (ASPH-GRVD) S-120, D-250, 2S-127,

IAP, AD

2D-455 PCN 82 F/C/W/T HIRL

RWY 11: MALSR. PAPI(P4L)—GA 3.0° TCH 67'. RVR-T Hill.

RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 52'. RVR-R

RWY 05-23: H5107X150 (ASPH-GRVD) S-120, D-250, 2S-149,

2D-436 PCN 79 F/C/W/T MIRL

RWY 05: REIL. VASI(V4L)—GA 3.75° TCH 62'.

RWY 23: REIL. VASI(V4R)—GA 3.5° TCH 56'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 05	11-29	3000
RWY 11	05-23	2650
RWY 29	05-23	3662

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA-5107	TODA-5107	ASDA-5107	LDA-5107
RWY 11:	TORA-7011	TODA-7011	ASDA-7011	LDA-7011
RWY 23:	TORA-5107	TODA-5107	ASDA-5107	LDA-5107
RWY 29:	TORA-7011	TODA-7011	ASDA-7011	LDA-7011

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE MIRL

Rwy 05-23, HIRL Rwy 11-29, MALSR Rwy 11 and 29, and twy

 lgts—118.5. **MILITARY—JASU** 3(A/M32A-86) 2(MA-1A) **FUEL** A, A+ (1100-0400Z†, C781-274-0010. After hr, 4 hr PN, call out fee \$75 per hr, C617-438-5854.) (NC-100LL) **TRAN ALERT** Opr 1200-0400Z† wk; 1400-2200Z† Sun; PPR OT and hol DSN 845-5589/5592. De-icing avbl fr vendor. Ltd hgr space and extremely ltd maint. Fleet svc avbl fr vendor.

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and invof arpt. PPR for all acct carrying explosives, call 781-869-8000. No practice low apchs/touch and go ldg for acct 12,500 lbs and over. No practice low apchs/touch and go ldgs for acct under 12,500 lbs between 0400-1200Z†. Noise rules in effect, helicopters opr within controlled airspace are rprd to maintain highest possible alt. Surcharge for each ldg and/or departure 0400-1200Z†. Be alert for small acct parked on ramps. TPA 1132 (1000) fixed wing, 1632 (1500) turbojet, 1932 (1800) heavy jet acct. Clsd to Part 121 air carrier ops with over 60 seats exc 24 hour PPR call 781-869-8000. Twy N unavbl Nov 15-Apr 1. Twys N and B clsd to air carrier acct. Twy G between Rwy 11-29 and Rwy 05-23 rstd, no acct with wingspans greater than 118'. Twy C, Twy F, Twy J, Twy M, Twy N, Twy R, Twy S, Twy T clsd greater than 118' wingspan. Rwy 23 VGSi and decal angles not coincident. Rwy 11 VGSi and ILS glidepath not coincident. Rwy 11 VGSi and RNAV glidepath not coincident. Surcharge for each ldg and/or departure 0400-1200Z†. Commercial and tran ldg fee. Flight Notification Service (ADCUS) avbl.

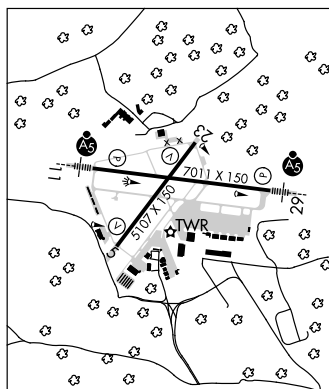
AIRPORT MANAGER: 781-869-8000

WEATHER DATA SOURCES: ASOS (781) 274-9733 LAWRS.

COMMUNICATIONS: CTAF 118.5 ATIS 124.6 781-274-6283 UNICOM 122.95

Ⓡ BOSTON APP/DEP CON 124.4

HANSCOM TOWER 118.5 (1200-0400Z†) GND CON 121.7 CLNC DEL 121.85

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42' W71°05.69' 223° 18.4 NM to fld. 306/15W.

DME unusable:

160°-195° byd 23 NM blo 2,500'

BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' 313° 14.9 NM to fld. 28/16W. NOTAM FILE BOS.

VOR unusable:

061°-104° byd 18 NM blo 2,000'

061°-104° byd 18 NM blo 2,000'

271°-060° byd 25 NM blo 2,000'

271°-060° byd 25 NM blo 3,500'

SHAKER HILL NDB (MHW) 251 SKR N42°27.34' W71°10.71' 296° 5.0 NM to fld. 341/16W. NOTAM FILE BED.

NDB unmonitored indef.

NDB unusable:

Byd 10 NM

BEDDS NDB (LOM) 332 BE N42°28.78' W71°23.34' 113° 4.5 NM to fld.

ILS/DME 111.15 I-BED Chan 48(Y) Rwy 11. Class IA. LOM BEDDS NDB.

ILS/DME 111.15 I-ULJ Chan 48(Y) Rwy 29. Class IA.

BERKLEY

MYRICKS (1M8) 3 SE UTC-5(-4DT) N41°50.34' W71°01.59'

NEW YORK

73 NOTAM FILE BDR

RWY 09-27: 2466X50 (TURF) 0.3% up NE

RWY 09: Tree.

RWY 27: Trees.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended dalg hrs. Wildlife on and invof arpt. Aerial banner pickup and drop ops on and invof arpt.

AIRPORT MANAGER: 508-822-2457

COMMUNICATIONS: CTAF 122.9

BEVERLY RGNL (BVY)(KBVY) 3 NW UTC-5(-4DT) N42°35.05' W70°54.97'

NEW YORK

107 B LRA NOTAM FILE BVY

COPTER

RWY 16-34: H5001X100 (ASPH-GRVD) S-30, D-55, 2D-103 MIRL

H-11D, 12K, L-33D

0.5% up NW

IAP, AD

RWY 16: MALS (NSTD) PAPI(P4L)—GA 3.5° TCH 40'. Thld dspclcd

239'. Trees.

RWY 34: REIL.

RWY 09-27: H4755X100 (ASPH-GRVD) S-30, D-114, 2S-145,

2D-180 MIRL 0.4% up E

RWY 09: Tree.

RWY 27: Thld dspclcd 250'. Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 09	16-34	3450
RWY 16	09-27	4000

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd ACTIVATE

MIRL Rwy 09-27 and Rwy 16-34, MALS Rwy 16 and REIL Rwy 34,

PAPI Rwy 16—CTAF.

AIRPORT REMARKS: Attended 1200Z±-dusk. Fld conditions not monitored

1200-0100Z±. Fuel svc 1100-0300Z±, after hrs by prior req only on

978-774-2070. Fuel, parking ctc FBO 122.85 or 978-774-2070.

Birds frequently on and invof arpt, occasional deer or coyote on rwy. No

ultraflight or banner towing allowed. Rwy 09-27 and Rwy 16-34 due

to hump at midpoint, opposite ends of the rwy not visible at ground level. Noise sensitive arpt. Voluntary compliance req

of all acft exceeding 75 db to not land/depart arpt 0400-1200Z±. NS ABTMT procedures in effect ctc arpt manager

978-921-6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum

noise. Noise sensitive area off the departure end of Rwy 27 to the west, southwest, and south. No tiedown ropes on public

tran parking. East ramp tran spaces, space numbers 15, 16, 17 only. Parking west side tran ramp at FBO. Tran acft must

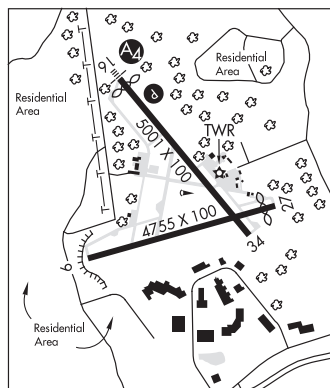
use anti-theft device when acft unattended. Rwy 16 VGSI and glidepath not coincident. Rwy 16 NSTD MALS 800'.

Obstruction stack 7 NM south-southeast 400' not lgtd. Rwy 16 is the preferred calm wind rwy. Ldg fees for transient

acft. Overnight parking fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 978-921-6072

WEATHER DATA SOURCES: ASOS (978) 921-5042 LAWRS.



CONTINUED ON NEXT PAGE

MASSACHUSETTS

CONTINUED FROM PRECEDING PAGE

COMMUNICATIONS: CTAF 125.2 ATIS 119.2 UNICOM 122.95

① BOSTON APP/DEP CON 124.4

TOWER 125.2 (1200-0200Z‡ 15 May-31 Oct; 1200-0100Z‡ 01 Nov-14 May) GND CON 121.6

AIRSPACE: CLASS D svc 1200-0200Z‡ 15 May-31 Oct; 1200-0100Z‡ 01 Nov-14 May other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42' W71°05.69' 155° 12.3 NM to fld. 306/15W.

DME unusable:

160°-195° byd 23 NM blo 2,500'

LOC/DME 110.5 I-BVY Chan 42 Rwy 16. LOC unusable byd 15° left of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. Between 0300-1200Z‡ close fit plan with Boston apch-121.6.

BOGEY N41°42.97' W70°12.18' NOTAM FILE HYA.

NEW YORK

NDB (LOM) 342 HY 247° 4.5 NM to Barnstable Muni-Boardman/Polando Fld.

BOMDE N41°43.93' W70°26.48' NOTAM FILE FMH.

NEW YORK

NDB (LOM) 362 FM 235° 5.7 NM to Cape Cod Coast Guard Air Station. LOM unusable 270°-300° byd 15 NM.

BOSTON

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)(KBOS) 1 E UTC-5(-4DT)

**NEW YORK
COPTER
H-10J, 11D, 12K, L-33D, 34J
IAP, AD**

N42°21.78' W71°00.38'

19 B LRA Class I, ARFF Index E NOTAM FILE BOS

RWY 15R-33L: H10083X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 15R: MALS:R. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Thld dspcd 882'. Trees.

RWY 33L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 68'. RVR-TMR Boat.

RWY 04R-22L: H10006X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Thld dspcd 1155'. Boat.

RWY 22L: MALS:F. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TMR Thld dspcd 1199'. Boat.

RWY 04L-22R: H7864X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 04L: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Boat.

RWY 22R: PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Thld dspcd 819'. Boat.

RWY 09-27: H7001X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 09: RVR-TR Boat.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TR Boat.

RWY 14-32: H5000X100 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-490 PCN 85 F/C/W/T HIRL

RWY 14: Bldg.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 15L-33R: H2557X100 (ASPH) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T MIRL

LAND AND HOLD—SHORT OPERATIONS

Ldg RWY	HOLD—SHORT POINT	AVBL Ldg DIST
RWY 04L	15L-33R	5250
RWY 15R	09-27	6800
RWY 22L	09-27	6400
RWY 27	04R-22L	5650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L: TORA-7861 TODA-7861 ASDA-7861 LDA-7861
RWY 04R: TORA-10005 TODA-10005 ASDA-10005 LDA-8851
RWY 09: TORA-7000 TODA-7000 ASDA-7000 LDA-7000
RWY 14: TORA-5000 TODA-5000 ASDA-5000 LDA-5000
RWY 15L: TORA-2557 TODA-2557 ASDA-2557 LDA-2557
RWY 15R: TORA-10083 TODA-10083 ASDA-10083 LDA-9202
RWY 22L: TORA-10005 TODA-10005 ASDA-10005 LDA-8806
RWY 22R: TORA-7861 TODA-7861 ASDA-7861 LDA-7046
RWY 27: TORA-7000 TODA-7000 ASDA-7000 LDA-7000
RWY 32: TORA-5000 TODA-5000 ASDA-5000 LDA-5000
RWY 33L: TORA-10083 TODA-10083 ASDA-10083 LDA-10083
RWY 33R: TORA-2557 TODA-2557 ASDA-2557 LDA-2557

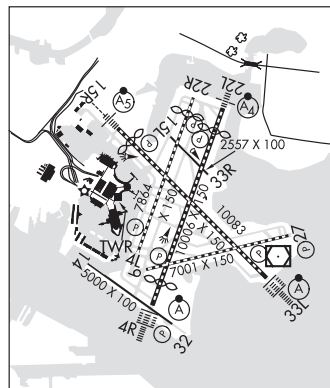
ARRESTING GEAR/SYSTEM

RWY 04L: EMAS

RWY 15R: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Birds on and in/ov arpt. Numerous cranes on and in/ov arpt up to and including 250' MSL. Between 0500-1100Z Rwy 15R is preferential night rwy for t/kf and Rwy 33L is preferential ngt rwy for l/dg. Rwy 14-32 unidirectional, no l/dgs Rwy 14, no t/kfs Rwy 32. International ramp arrivals must obtain a gate assignment from international ramp control before entering ramp area. No remaining overnight parking for non-tenant charter acft without prior Massport permission. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Terminal E, North and South Cargo arrivals ctc Massport Gate Control on 131.1 before entering/departing ramp area. Pilots should complete all calculations prior to pushback from gate. For NS ABTMT procedures call 617-561-1636 Mon-Fri 1400-2200Z. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Intersection Departures During Period of Darkness and Continuous Power Facilities. NOTE: See Special Notices—Land and Hold-Short Lights.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 617-567-5400

WEATHER DATA SOURCES: ASOS (617) 567-5762 TDWR.

COMMUNICATIONS: D-ATIS APP 135.0 D-ATIS DEP 135.0 (617) 455-3003 UNICOM 122.95

BOSTON RCO 122.4 122.1R 112.7T (BRIDGEPORT RADIO)

Ⓡ BOSTON APP/DEP CON 127.2 (South) 120.6 (West) 118.25 (North)

Ⓡ BOSTON DEP CON 133.0

BOSTON TOWER 128.8 (Arrivals/Departures Rwy 04L-22R, 15R-33L, 15L-33R, 14-32, 04R-22L, 09-27) 124.725 (Helicopters)

GND CON 121.9 121.75 CLNC DEL 121.65

PRE TAXI CLNC 121.65 GATE CON 134.05

CPDLC (LOGON KBOS)

AIRSPACE: CLASS B See VFR Terminal Area Chart

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' at fld. 28/16W.

VOR unusable:

061°-104° byd 18 NM blo 2,000'

061°-104° byd 18 NM blo 2,000'

271°-060° byd 25 NM blo 2,000'

271°-060° byd 25 NM blo 3,500'

ILS/DME 110.3 I-BOS Chan 40 Rwy 04R. Class IIIE.

ILS/DME 110.7 I-MDC Chan 44 Rwy 15R. Localizer offset angle 001° 35 min.

ILS/DME 110.3 I-LQN Chan 40 Rwy 22L. Note *DME also serves Rwy 04R. NDB unusable 165-35° byd 20 NM.

ILS/DME 111.3 I-DGU Chan 50 Rwy 27. Class IE.

ILS/DME 110.7 I-LIP Chan 44 Rwy 33L. Class IIIE. LOC unsl byd 33° left side of course.

COMM/NAV/WEATHER REMARKS: DME Channel 40 located 2171' from stop end Rwy 04R and 260' left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS on page 125)

CAPE COD COAST GUARD AIR STATION (FMH)(KFMH) CG UTC-5(-4DT) N41°39.55'

NEW YORK

H-10J, 11D, 12K, L-33D

IAP, DIAP, AD

W70°31.37'

130 B TPA—See Remarks NOTAM FILE FMH Not insp.

RWY 14-32: H9501X150 (ASPH-CONC) PCN 26 F/A/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-T

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. RVR-R

RWY 05-23: H8000X150 (ASPH-CONC) PCN 33 F/A/W/T HIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 51'. RVR-R

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. RVR-T

SERVICE: FUEL 100, JET B+ OX 2

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. RSTD 24 hr PPR rqrd for all acft not base assigned. Ctc USCG Ops C508-968-6360/6361 to obtain PPR. No tran svcs avbl including fuel. ANG ramp clsd. ANG apron is the only apron capable of accepting C5 at gross weight. **CAUTION** Many lgt acft transiting area. Extensive bird activity vicinity all rwys especially during low ceiling and wet wx. **TFC PAT** Army acft TPA NSTD, Rotary/Wing 1100(970), Fixed Wing 1600(1470). jet overhead 2100(1970). **MISC** First 300' Rwy 05 and Rwy 23 conc, mid portion asph. First 2800' Rwy 14 and first 500' Rwy 32 conc, mid portion asph. Rwy 14-32 and Rwy 05-23 have 25' shoulders. PPR rqrd if ACN exceeds published PCN. Ctc USCG afd management C508-968-6673/6674 to obtain approval. **ARNG** PPR req for arng ramp ltd fuel avbl. Ctc ops C508-968-5850. DSN 557-5850 for PPR verification. Opr 1200-2200Z‡ Mon-Fri, ltd svc may be avbl Sat-Sun with prior coordination. Ctc Bosox OPS 10 min prior to arrival on 341.675, 138.5, 46.85. Flt briefing rqrd prior to ops in R-4101. Ctc OSA F/W det C508-968-5291/5292 or DSN 557-5291/5292 to coordinate JOSAC passenger arrival/departure. **CG** PPR rqrd for Coast Guard ramp, ltd svc may be avbl with prior coordination C508-968-6360/6361, DSN 557-6360/6361, or C800-673-1056. Arriving acft ctc Cape Cod Air 345.0, 122.975 or 164.55 15 min prior to arrival. ltd fuel avbl dependent on CG SAR ops. Boarding ramps not avbl.

AIRPORT MANAGER: 508-968-6673

COMMUNICATIONS: ATIS 120.475 236.825

Ⓡ CAPE APP/DEP CON 118.75 284.6 15 May-30 Sep, 1100-0400Z‡, 1 Oct-14 May 1100-0300Z‡, other times ctc

BOSTON CENTER APP CON 132.9 387.1

COAST GUARD TOWER 128.425 291.1 GND CON 124.15 275.8

ARNG 46.85 138.5 341.675

CG CAPE COD AIR 122.975 164.55 (VHF-FM) 345.0 (Opr Mon-Fri 1230-2030Z‡ exc holidays)

AIRSPACE: CLASS D

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE FMH.

OTIS (L) TACAN Chan 105 FMH (115.8) N41°39.58' W70°30.84' at fld. 116/15W.

TACAN DME portion unusable:

315°-100° byd 25 NM blo 3,000'

TACAN AZMUTH unusable:

360°-075° byd 30 NM blo 3,000'

BOMDE NDB (LOM) 362 FM N41°43.93' W70°26.48' 235° 5.7 NM to fld. LOM unusable 270°-300° byd 15 NM.

ILS/DME 109.55 I-FMH Chan 32(Y) Rwy 23. LOM BOMDE NDB. DME channel 105 provided from FMH TACAN.

LOM unusable 270°-300° byd 15 NM.

ILS/DME 110.75 I-BNX Chan 44(Y) Rwy 32. DME channel 105 provided from FMH TACAN.

CHATHAM MUNI (CQX)(KCQX) 2 NW UTC-5(-4DT) N41°41.30' W69°59.38'

NEW YORK

64 B NOTAM FILE CQX

L-33D

RWY 06-24: H3001X100 (ASPH) S-30 MIRL 0.4% up NE

IAP

RWY 06: PAPI(P2L)—GA 3.5° TCH 42'. Trees.

RWY 24: PAPI(P2R)—GA 3.5° TCH 45'. Tank.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy

06-24—122.95.

AIRPORT REMARKS: Attended 1300Z±-dusk. Parachute Jumping. Birds primarily gulls frequently on or invof arpt. Be aware of hi-speed mil jet and heavy helicopter tfc invof Cape Cod CGAS. Avoid residential areas as much as possible. Recommended minimum alt 2000' AGL from northeast to southeast of arpt over national seashore. Noise abatement Rwy 06-24. Use full rwy and avoid intersection departures.

Minimize/avoid touch and go opr. Climb out on rwy heading until 1000' over water then proceed on course. Reduce power as soon as practical. Rwy 06-24, fly pattern downwind leg 1/2 to 1 mile out from rwy as practicable.

AIRPORT MANAGER: 508-945-9000

WEATHER DATA SOURCES: ASOS 135.875 (508) 945-5034.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CAPE APP/DEP CON 118.2 (1100-0400Z± May 15-Sept 30,

1100-0300Z± Oct 1-May 14) CLNC DEL 127.3

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z± May 15-Sept 30, 0300-1100Z± Oct 1-May 14)

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MARCONI (H) VORW/DME 114.7 LFW Chan 94 N42°01.03' W70°02.23' 190° 19.8 NM to fld. 151/16W.

VOR unusable:

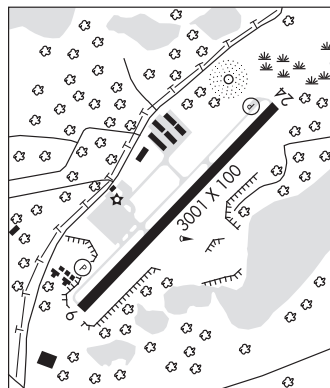
045°-260°

281°-291°

NAUSET NDB (MHW) 279 CQX N41°41.52' W69°59.27' at fld. 56/16W. NOTAM FILE CQX.

NDB unusable:

220°-280° byd 20 NM



CHESTER N42°17.48' W72°56.96' NOTAM FILE BTV.

NEW YORK

(L) VOR/DME 115.1 CTR Chan 98 311° 17.2 NM to Pittsfield Muni. 1600/13W.

H-101, 11D, L-33C, 34J

VOR unusable:

248°-274°

RCO 122.1R 115.IT (BURLINGTON RADIO)

CRANLAND (See HANSON on page 122)

EDGARTOWN

KATAMA AIRPARK (1B2) 2 S UTC-5(-4DT) N41°21.51' W70°31.47'

NEW YORK

18 TPA—1018(1000) NOTAM FILE BDR

RWY 03-21: 3700X50 (TURF)**RWY 03:** Thld dspclcd 245'. Road.**RWY 21:** Thld dspclcd 300'. Pole.**RWY 06-24:** 2700X50 (TURF)**RWY 06:** Thld dspclcd 300'. Road.**RWY 24:** Road.**RWY 17-35:** 2600X50 (TURF)**RWY 17:** Thld dspclcd 200'. Bldg.**SERVICE:** S2 FUEL 100LL**AIRPORT REMARKS:** Attended May 15–Sep 15 dawn–dusk. Be aware of hi–speed mil jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Rwy 03–21 and Rwy 06–17 dspclcd thlds marked with flush white paving blocks.**AIRPORT MANAGER:** 508-627-9018**COMMUNICATIONS:** CTAF/UNICOM 122.8

APP/DEP CON 119.7

FALMOUTH AIRPARK (5B6) 4 NE UTC-5(-4DT) N41°35.14' W70°32.42'

NEW YORK

41 B TPA—1041(1000) NOTAM FILE BDR

RWY 07-25: H2298X40 (ASPH) S-4 LIRL**RWY 07:** Trees. Rgt tfc.**RWY 25:** Trees.**SERVICE:** FUEL 100LL, UL94 LGT ACTIVATE LIRL Rwy 07–25—122.7.**AIRPORT REMARKS:** Attended 1300–2100Z \ddagger . Wildlife invof arpt. Turf around Rwy 07–25 soft after rain. Be aware of hi–speed mil jet and heavy helicopter tfc invof of Coast Guard Cape Cod. Airport clsd to act exceeding 5000 lbs published maximum gross weight. Tran ops daytime only. No ngt tran tkfs or ldgs. No tran student activities, solo or dual at Falmouth Airpark. Full stops only. Touch and go ops prohibited. Prop–locks rqrd for all acft remaining overnight.**AIRPORT MANAGER:** 508-548-9617**COMMUNICATIONS:** CTAF/UNICOM 122.8**FITCHBURG MUNI** (FIT)(KFIT) 3 SE UTC-5(-4DT) N42°33.25' W71°45.54'

NEW YORK

348 B TPA—1350(1002) NOTAM FILE FIT

L-33C, 34J

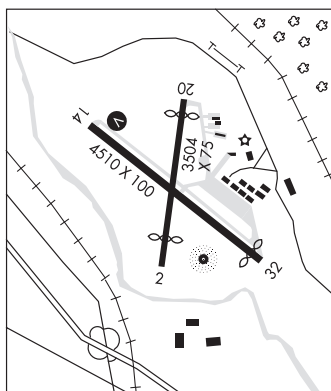
RWY 14-32: H4510X100 (ASPH) S-30, D-41 MIRL 0.3% up NW

IAP

RWY 14: VASI(V2L)—GA 4.0°. Trees.**RWY 32:** REIL. Thld dspclcd 242'. Trees.**RWY 02-20:** H3504X75 (ASPH) S-30, D-41 0.5% up N**RWY 02:** Thld dspclcd 567'. Trees.**RWY 20:** Thld dspclcd 459'. Trees.**SERVICE:** S4 FUEL 100LL, JET A OX3 LGT ACTIVATE VASI Rwy 14, MIRL Rwy 14–32, REIL Rwy 32—123.0.**AIRPORT REMARKS:** Attended Apr–Sep 1300–0000Z \ddagger , Oct–Mar1300–2200Z \ddagger . Wildlife on and invof arpt. Sfc winds less than 5 kts preferred Rwy 32. Noise abatement Rwy 20 turn to heading 140 after takeoff avoid overflying hospital. Noise abatement Rwy 32 maintain rwy heading to 1350 MSL then turn on course. Opr on grass west of Rwy 14–32 at pilots discretion. Area not maintained as a rwy. Arpt fuel not avbl on Thanksgiving, Christmas, New Years. Please check NOTAMS. Twy lgts last third of twy to Rwy 20 unlgtd. Rotating bcn not avbl during dalgt IFR conditions. Cold temperature rstd arpt. Altitude correction required at or below –25C. Ldg fee for corporate and commercial flts only.**AIRPORT MANAGER:** 978-345-9580**WEATHER DATA SOURCES:** ASOS 135.175 (978) 343-9121.**COMMUNICATIONS:** CTAF/UNICOM 122.7

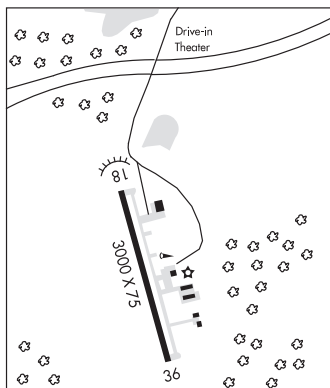
RCO 118.025 (BRIDGEPORT RADIO)

® BOSTON APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.**GARDNER (L) VOR/DME** 110.6 GDM Chan 43 N42°32.76' W72°03.49' 102° 13.3 NM to fld. 1280/14W.**NDB (MHW)** 365 FIT N42°33.06' W71°45.43' at fld. 350/15W. NOTAM FILE FIT. NDB unmonitored 0200–1700Z \ddagger .

GARDNER MUNI (GDM)(KGDM) 2 SW UTC-5(-4DT) N42°32.99' W72°00.96'
 954 B NOTAM FILE BDR
RWY 18-36: H3000X75 (ASPH) S-25 MIRL 1.0% up N
RWY 18: Trees.
RWY 36: Trees.
SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 18-36-122.8.
AIRPORT REMARKS: Attended irregularly. No radio controlled acft on and invof arpt.
AIRPORT MANAGER: 603-490-0367
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.1R 110.6T (BRIDGEPORT RADIO)
Ⓡ BOSTON CENTER APP/DEP CON 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
(L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 097° 1.9 NM to fld. 1280/14W.

NEW YORK
 L-33C, 34J
 IAP



GARDNER N42°32.76' W72°03.49' NOTAM FILE BDR.
(L) VOR/DME 110.6 GDM Chan 43 097° 1.9 NM to Gardner Muni. 1280/14W.
RCO 122.1R 110.6T (BRIDGEPORT RADIO)

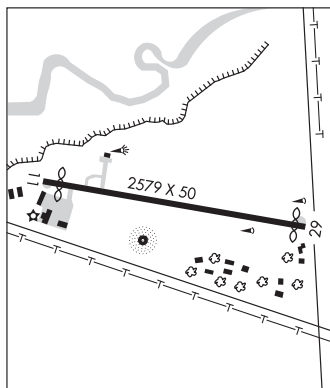
NEW YORK
 H-11D, 12I, L-33C, 34J

GENERAL EDWARD LAWRENCE LOGAN INTL (See BOSTON on page 117)

GREAT BARRINGTON

WALTER J KOLADZA (GBR)(KGBR) 2 W UTC-5(-4DT) N42°11.05' W73°24.19'
 739 B NOTAM FILE BTV
RWY 11-29: H2579X50 (ASPH) S-8 LIRL
RWY 11: REIL. Thld dsplcd 170'. Trees.
RWY 29: Thld dsplcd 75'. Trees.
SERVICE: S4 FUEL 100LL LGT Arpt bcn opr dusk-0400Z‡.ACTIVATE LIRL Rwy 11-29, REIL Rwy 11-121.6.
AIRPORT REMARKS: Attended dalgt hrs. Deer and birds on and invof arpt. Practice VFR GPS Rwy 11 not authorized when Rwy 29 is in use for student tfc. Touch and go ldg not authorized. Rwy 11 lgt d thld relocated 170', 2409' of rwy usable for ngt ops. Cold temperature rstd arpt. Altitude correction required at or blo -21C.
AIRPORT MANAGER: 413-528-1010
COMMUNICATIONS: CTAF/UNICOM 122.8
ALBANY APP/DEP CON 132.825
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CHESTER (L) VOR/DME 115.1 CTR Chan 98 N42°17.48' W72°56.96' 266° 21.2 NM to fld. 1600/13W.
VOR unusable: 248°-274°
GREAT BARRINGTON NDB (MHW) 395 GBR N42°10.98' W73°24.24' at fld. 726/14W.
NDB unusable: Byd 15 NM

NEW YORK
 L-33B, 34I
 IAP



HAGET N42°38.65' W71°11.83' NOTAM FILE LWM.
NDB (LOMw) 402 LW 052° 5.5 NM to Lawrence Muni. 2160/15W.
NDB unmttd when ATCT clsd

NEW YORK
 COPTER
 L-33D

HALIFAX

MONPONSETT POND SPB (MA6) 2 NW UTC-5(-4DT) N42°00.59' W70°50.59'
 52 NOTAM FILE BDR
WATERWAY 17-35: 4600X500 (WATER)
WATERWAY 17: Trees.
WATERWAY 35: Trees. Rgt tfc.
WATERWAY 10-28: 3200X300 (WATER)
WATERWAY 10: P-line.
WATERWAY 28: Trees.
SERVICE: S2 FUEL 100LL
SEAPLANE REMARKS: Attended continuously.
AIRPORT MANAGER: 781-293-2181
COMMUNICATIONS: CTAF 122.9

**NEW YORK
 COPTER**

HANSON

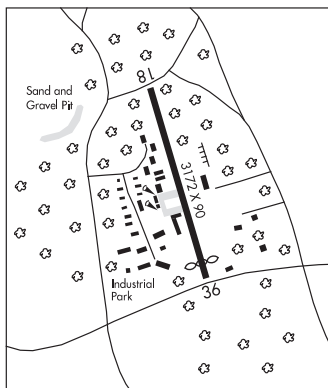
CRANLAND (28M) 3 SE UTC-5(-4DT) N42°01.51' W70°50.29'
 71 NOTAM FILE BDR
RWY 18-36: H1760X60 (ASPH) S-8
RWY 18: Trees.
RWY 36: Trees.
AIRPORT REMARKS: Attended Mon-Fri irregularly.
AIRPORT MANAGER: 508-378-7134
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: CLNC DEL thru Bridgeport Radio (BDR) 1-866-293-5149.

**NEW YORK
 COPTER**

HARRIMAN-AND-WEST (See NORTH ADAMS on page 128)

HOPEDALE INDUSTRIAL PARK (1B6) 3 SE UTC-5(-4DT) N42°06.39' W71°30.61'
 269 NOTAM FILE BDR
RWY 18-36: H3172X90 (ASPH) S-12 LIRL 1.0% up N
RWY 18: Trees.
RWY 36: Thld dsplcd 110'. Trees.
SERVICE: S2 FUEL 100LL LGT Rwy lgts opr dusk-0300Z±.
AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Emergency fuel only. Arprt CLOSED to transient acft SS-SR. Arprt CLOSED to transient student training. Arprt CLOSED to jets and ngt lgds except PPR call 508-478-1726. Wildlife invof arprt. Rwy 18 two story house 27' AGL (291' MSL) located approximately 400' northwest rwy thld.
AIRPORT MANAGER: 508-478-1726
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ BRADLEY APP/DEP CON 119.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'
 W71°50.65' 073° 17.5 NM to fld. 652/14W.
 DME unusable:
 265°-301° byd 36 NM blo 3,000'

**NEW YORK
 L-33C, 34J
 IAP**



HYANNIS

BARNSTABLE MUNI—BOARDMAN/POLANDO FLD (HYA)(KHYA) 1 N UTC-5(-4DT)

NEW YORK
H-10J, 11D, 12K, L-33D
IAP, AD

N41°40.16' W70°16.82'

54 B ARFF Index—See Remarks NOTAM FILE HYA

RWY 06-24: H5425X150 (ASPH-GRVD) S-30, D-108, 2S-137 HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 37'. RVR-R Thld dsplcd 406'. Tree.

RWY 24: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T

RWY 15-33: H5253X150 (ASPH-GRVD) S-30, D-108, 2S-137 HIRL

RWY 15: MALSR. RVR-T P-line.

RWY 33: PAPI(P4L)—GA 3.0° TCH 53'. RVR-R Thld dsplcd 150'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 15	06-24	4150
RWY 24	15-33	4650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5425 TODA-5425 ASDA-5425 LDA-5019
RWY 15: TORA-5253 TODA-5253 ASDA-5253 LDA-5253
RWY 24: TORA-5425 TODA-5425 ASDA-5425 LDA-5425
RWY 33: TORA-5253 TODA-5253 ASDA-5253 LDA-5103

ARRESTING GEAR/SYSTEM

RWY 24: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 06-24 and Rwy 15-33, MALSR Rwy 15, and MALSF Rwy 24—CTAF.

AIRPORT REMARKS: Attended continuously. AVGAS unavailable between 0000Z and 1100Z daily. Call after hours 508-367-2140. Clsd to unscheduled air carrier ops with more than 9 passenger seats 0500-1100Z exc 1 hr PPR arpt manager 508-778-7770. Be aware of hi-speed mil jet and heavy helicopter tfc vicinity of Joint Base Cape Cod. Do not confuse Joint Base Cape Cod, 10 NM west, with Barnstable Muni. Birds; coyotes on and in/ovf arpt. Class I, ARFF Index A. Index B ARFF equipment avbl during all scheduled air carrier ops. Arpt has NS ABTMT ctc arpt manager 508-778-7765. Touch and go ops prohibited between 0200-1059Z unless prior approval by arpt manager. Twy B clsd to acft with wingspan greater than 78'. Rwy 33 VGSJ and glide path not coincident. Twy B from Rwy 33 to east ramp has soft shoulders and marked. All tran and general aviation pilots must ctc arpt ops on frequency 122.95 prior to engine shutdown for afld escort between 0300-1059Z. Ldg fee for all acft over 6000 lbs.

AIRPORT MANAGER: 508-775-2020

WEATHER DATA SOURCES: ASOS (508) 862-2601 LAWRS.

COMMUNICATIONS: CTAF 119.5 ATIS 123.8 (508- 778-1143) UNICOM 122.95

HYANNIS RCO 126.425 (BRIDGEPORT RADIO)

Ⓡ CAPE APP/DEP CON 118.2 120.125 (1100-0400Z) May 15-Sep 30, (1100-0300Z) Oct 1-May 14.

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z) May 15-Sep 30, (0300-1100Z) Oct 1-May 14.

HYANNIS TOWER 119.5 (1100-0300Z) GND CON 118.45 CLNC DEL 125.15

AIRSPACE: CLASS D svc 1100-0300Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.

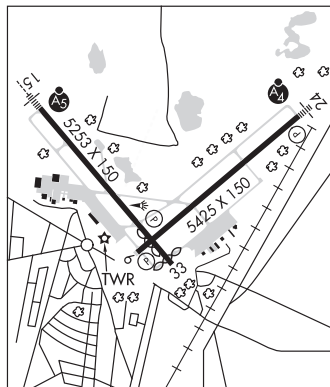
MARTHAS VINEYARD (L) VOR/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' 057° 22.2 NM to fld. 63/15W.

BOGEY NDB (LOM) 342 HY N41°42.97' W70°12.18' 247° 4.5 NM to fld.

ILS/DME 108.95 I-BCU Chan 26(Y) Rwy 15. Class IB.

ILS/DME 109.15 I-HYA Chan 28(Y) Rwy 24. Class IT. LOM BOGEY NDB. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



HYANNIS N41°40.16' W70°16.82'
RCO 126.425 (BRIDGEPORT RADIO)

NEW YORK
L-33D

KATAMA AIRPARK (See EDGARTOWN on page 120)

LAURENCE G HANSCOM FLD (See BEDFORD on page 114)

LAWRENCE MUNI (LWM)(KLWM) 2 E UTC-5(-4DT) N42°43.03' W71°07.41'

148 B LRA NOTAM FILE LWM

RWY 05-23: H5001X150 (ASPH) S-45, D-62, 2D-110 HIRL

RWY 05: REIL. PAPI(P4R).

RWY 23: REIL. VASI(V4L). Trees.

RWY 14-32: H3900X100 (ASPH) S-30, D-34, 2D-53 MIRL

0.7% up SE

RWY 32: REIL. PAPI(P4L). Thld dsplcd 190'. Trees.

SERVICE: S4 FUEL 100LL, JET A, A+ LGT ACTIVATE HIRL Rwy

05-23, MIRL Rwy 14-32, REIL Rwys 05, 23 and 32, PAPI Rwys 05, 32—CTAF.

AIRPORT REMARKS: Attended 1200Z±-0300Z±. Lgt'd stack 296' MSL 1/2 mile NW AER 23. Wildlife in and on vicinity of arpt. No tran touch and go ops Sat and Sun. Use reasonable efforts to maintain manufacturer's recommended rate of climb. Clsd tfc pat initiate turn out at 700' AGL. Clsd tfc pat opr ltd to no more than 5 acft at a time. Rwy 23 VGSI and glide path not coincident. July 1st through August 31st touch and go opr are prohibited before 1300Z± and after 1700Z±. No transition training or touch and go opr between 200Z± and 1200Z±. VASI Rwy 23 unusable byd 5° left and 5° rgt of centerline. Ldg Fee for acft registered to corporation only. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 978-794-5880

WEATHER DATA SOURCES: ASOS 126.75 (978) 687-8017. ASOS hrs 0300-1200Z±. LAWR5.

COMMUNICATIONS: CTAF 119.25 ATIS 126.75 UNICOM 122.8

RCO 122.1R 112.5T (BRIDGEPORT RADIO)

Ⓡ BOSTON APP/DEP CON 124.4

TOWER 119.25 (1200-0300Z±) GND CON 124.3 CLNC DEL 124.3 126.15 (When twr clsd)

AIRSPACE: CLASS D svc 1200-0300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

(L) VOR/DME 112.5 LWM Chan 72 N42°44.42' W71°05.69' 237° 1.9 NM to fld. 306/15W.

DME unusable:

160°-195° byd 23 NM blo 2,500'

HAGET NDB (LOM) 402 LW N42°38.65' W71°11.83' 052° 5.5 NM to fld.

ILS 111.7 I-LWM Rwy 05. Class IB. LOM HAGET NDB. ILS unmt'd when ATCT clsd.

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MANSFIELD MUNI (1B9) 2 SE UTC-5(-4DT) N42°00.05' W71°11.89'

122 B NOTAM FILE BDR

RWY 14-32: H3503X75 (ASPH) S-26 MIRL

RWY 14: Thld dsplcd 512'. Trees.

RWY 32: PAPI(P4L)—GA 4.0° TCH 38'. Thld dsplcd 237'. Trees.

RWY 04-22: 2200X100 (TURF)

RWY 04: Trees.

RWY 22: Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Apr-Nov 1300Z±-dusk, Dec-Mar

1400-2200Z±. Turf strip clsd winter months and after heavy rains.

Deer on and in/ov arpt. No touch and go lds 0200-1300Z±. Upon departure of Rwy 32 turn left to 290°. No rgt turns on departure from Rwy 32 until 1,000' MSL. Upon departure of Rwy 14 no left turns until 824' MSL.

AIRPORT MANAGER: (508) 339-3001

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 121.725 (BRIDGEPORT RADIO)

Ⓡ BOSTON APP/DEP CON 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 098° 29.0 NM to fld. 652/14W.

DME unusable:

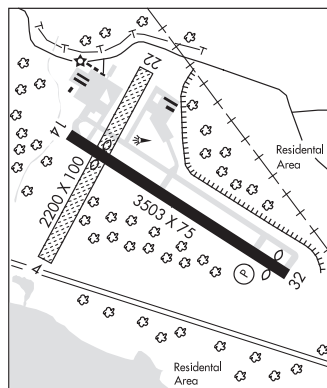
265°-301° byd 36 NM blo 3,000'

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MARCONI N42°01.03' W70°02.23' NOTAM FILE BDR.

(H) VOR/DME 114.7 LFW Chan 94 308° 8.8 NM to Provincetown Muni. 151/16W.

VOR unusable:

045°-260°

281°-291°

NEW YORK

H-10I, 11D, 12K, L-33D

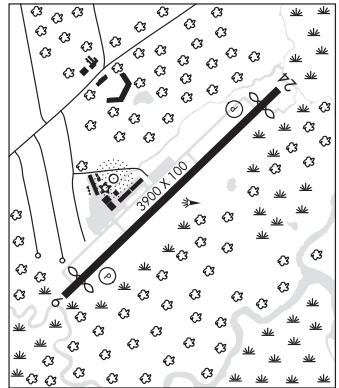
MARLBORO (9B1) 2 E UTC-5(-4DT) N42°20.59' W71°30.54'
 285 TPA—1385(1100) NOTAM FILE BDR
RWY 14-32: H1659X45 (ASPH) S-9 0.3% up NW
RWY 14: Trees.
RWY 32: Trees.
SERVICE: S4 FUEL 100LL
AIRPORT REMARKS: Attended 1300Z±-dusk. Wildlife on and in/ovf arpt. No touch and go ldgs. No ngt ops. No low apchs blo 500' AGL.
AIRPORT MANAGER: 508-485-0069
COMMUNICATIONS: CTAF/UNICOM 122.8

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MARSHFIELD MUNI – GEORGE HARLOW FLD (GHG)(KGHG) 2 E UTC-5(-4DT) N42°05.85'
 W70°40.38'
 9 B NOTAM FILE BDR
RWY 06-24: H3900X100 (ASPH) S-12.5 MIRL
RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 43'. Thld splcd 300'.
 Trees.
RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Thld splcd 300'.
 Trees.

NEW YORK
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 IAP

RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA-3900 TODA-3900 ASDA-3600 LDA-3300
RWY 24: TORA-3900 TODA-3900 ASDA-3600 LDA-3300
SERVICE: S4 FUEL 100LL, JET A OX 1, 3
AIRPORT REMARKS: Attended 1300Z±-dusk. After hrs service by request.
 Birds and wildlife on and in/ovf arpt. Flt training activity. No touch and go ldgs between 2100-0730 local. All engine runups at midfield ramp.



AIRPORT MANAGER: 781-834-4928
WEATHER DATA SOURCES: AWOS-3 120.0 (781) 837-0555. LAWRS.
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ BOSTON APP/DEP CON 124.1
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45'
 W70°59.37' 154° 21.0 NM to fld. 28/16W.
 VOR unusable:
 061°-104° byd 18 NM blo 2,000'
 061°-104° byd 18 NM blo 2,000'
 271°-060° byd 25 NM blo 2,000'
 271°-060° byd 25 NM blo 3,500'
NDB (MHW) 368 IMR N42°05.88' W70°40.55' at fld. 3/16W. NOTAM FILE 3B2. NDB unmonitored.

MARSTON MILLS

CAPE COD (2B1) 5 SE UTC-5(-4DT) N41°41.12' W70°24.14'
 103 TPA—803(700) NOTAM FILE BDR
RWY 09-27: 2700X60 (TURF)
RWY 09: Trees.
RWY 27: Trees.
RWY 17-35: 2060X60 (TURF) 0.7% up N
RWY 17: Trees.
RWY 35: P-line.
RWY 05-23: 2035X50 (TURF)
RWY 05: Trees.
RWY 23: Trees.
SERVICE: S2 FUEL 100LL
AIRPORT REMARKS: Attended dalgt hrs. Parachute jumping on fld. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Otis AFB. Be alert for radio control airplanes NE corner afld. PPR for Rwy 05-23 ops. Banner tow ops in progress Jun thru Aug north side of afld. Glider tow ops during dalgt hrs. Rwy 35 also has trees. Helicopter ops ctc arpt manager for arpt procedures/parking.
AIRPORT MANAGER: 508-428-8732
COMMUNICATIONS: CTAF 122.9

NEW YORK

MARTHA'S VINEYARD (See VINEYARD HAVEN on page 134)

MINUTE MAN AIR FLD (See STOW on page 133)

MONPONSETT POND SPB (See HALIFAX on page 122)

MONTAGUE
TURNERS FALLS (ØB5) 3 N UTC-5(-4DT) N42°35.50' W72°31.38'

359 B NOTAM FILE BTV

RWY 16-34: H3200X75 (ASPH) S-30 MIRL

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 34: Thld dspcd 550'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 16-34 and REIL Rwy 16—CTAF.

AIRPORT REMARKS: Attended 1330-2230Z†. Wildlife and birds invof arpt. Parachute Jumping. NS ABTMT procedures in effect ctc arpt manager for details 413-863-0044. Rwy 16 is calm wind rwy. Acft departing Rwy 34 will avoid over flt of residential and commercial areas by taking a bearing southwest of rwy heading. Cold temperature rstd arpt. Altitude correction required at or blo -22C/-8F.

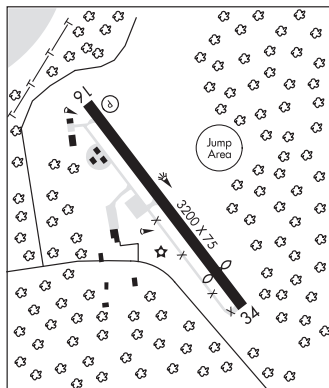
AIRPORT MANAGER: 413-863-0044

COMMUNICATIONS: CTAF/UNICOM 123.0 UNICOM 123.0 (1300-2300Z†)

BOSTON CENTER APP/DEP CON 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 292° 20.8 NM to fld. 1280/14W.

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MYRICKS (See BERKLEY on page 115)

NANTUCKET MEM (ACK)(KACK) 3 SE UTC-5(-4DT) N41°15.18' W70°03.59'

47 B Class I, ARFF Index B NOTAM FILE ACK

RWY 06-24: H6303X150 (ASPH) S-75, D-170, 2S-175, 2D-280

HIRL CL 0.3% up NE

RWY 06: MALSF. PAPI(P4R)—GA 3.0° TCH 57'. RVR-TR Thld dspcd 537'.

RWY 24: SSALR. TDZL. PAPI(P4L)—GA 3.0° TCH 48'. RVR-TR

RWY 15-33: H4500X100 (ASPH) S-60, D-85, 2S-108, 2D-155

MIRL

RWY 15: REIL. Bldg.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 12-30: H2696X50 (ASPH) S-12.5

RWY 12: Pole.

LAND AND HOLD—SHORT OPERATIONS

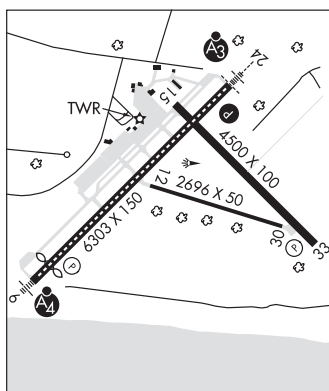
LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	15-33	4316
RWY 33	06-24	3650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6303 TODA-6303 ASDA-6303 LDA-5766
RWY 12: TORA-2696 TODA-2696 ASDA-2696 LDA-2696
RWY 15: TORA-4500 TODA-4500 ASDA-4500 LDA-4500
RWY 24: TORA-6303 TODA-6303 ASDA-6303 LDA-6303
RWY 30: TORA-2696 TODA-2696 ASDA-2696 LDA-2696
RWY 33: TORA-4500 TODA-4500 ASDA-4500 LDA-4500

SERVICE: FUEL 100LL, JET A LGT VASI Rwy 06 and Rwy 33 opr 24 hrs. Rwy 24 SSALR unmonitored when twr clsd. When twr clsd ACTIVATE MALSF Rwy 06, SSALR Rwy 24, HIRL Rwy 06-24, MIRL Rwy 15-33, PAPI Rwy 24 and twy lgts—CTAF, PAPI Rwy 06 and Rwy 33 opr 24 hrs.

AIRPORT REMARKS: Attended continuously. Be aware of hi-speed mil jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Deer and birds on and invof arpt. Rwy 12-30 VFR/day use only acft under 12,500 lbs. Arpt has NS ABTMT procedures ctc Noise Officer 508-325-5300. PPR 2 hrs for unscheduled air carrier ops with more than 9 passenger seat, call arpt manager 508-325-5300. Twy F prohibited to air carrier acft with more than 9 passenger seats when twr clsd. Fee for non-commercial acft parking. NOTE: See Special Notices—VFR Noise Abatement Procedures.

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AIRPORT MANAGER: 508-325-5300
 WEATHER DATA SOURCES: ASOS (508) 325-6082 LAWRS.
 COMMUNICATIONS: CTAF 118.3 ATIS 127.5 (508-228-5375) UNICOM 122.95
 RCO 122.1R 116.2T (BRIDGEPORT RADIO)
 Ⓡ CAPE APP/DEP CON 126.1 (1100-0400Z‡) May 15-Sep 30, (1100-0300Z‡) Oct 1-May 14.
 Ⓡ BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z‡) May 15-Sep 30, (0300-1100Z‡) Oct 1-May 14.
 TOWER 118.3 May 15-Sep 30 (1100-0300Z‡), Oct 1-May 14 (1100-0200Z‡).
 GND CON 132.5 CLNC DEL 119.375
 AIRSPACE: CLASS D svc 1100-0300Z‡ May 15-Sep 30 1100-0200Z‡ Oct 1-May 14 other times CLASS G.
 RADIO AIDS TO NAVIGATION: NOTAM FILE ACK.
 (H) VOR/DME 116.2 ACK Chan 109 N41°16.91' W70°01.60' 236° 2.3 NM to fld. 99/15W.
 ILS/DME 109.1 I-RNE Chan 28 Rwy 06. Class IE. LOC unusable byd 28° right of course.
 ILS/DME 109.1 I-ACK Chan 28 Rwy 24. Class IE. Unmonitored when ATCT clsd.

NAUSET N41°41.52' W69°59.27' NOTAM FILE CQX.
 NDB (MHW) 279 CQX at Chatham Muni. 56/16W.
 NDB unusable:
 220°-280° byd 20 NM

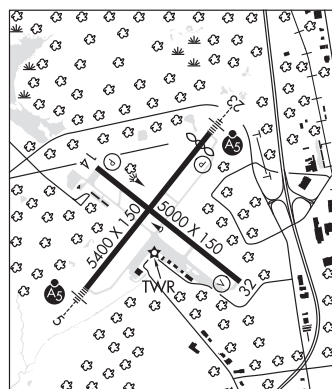
NEW YORK
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NEW BEDFORD RGNL (EWB)(KEWB) 2 NW UTC-5(-4DT) N41°40.59' W70°57.47'
 79 B LRA NOTAM FILE EWB
 RWY 05-23: H5400X150 (ASPH-GRVD) S-30, D-108, 2S-137,
 2D-195 HIRL 0.3% up NE
 RWY 05: MALSR. RVR-T Tree.
 RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 46'. RVR-R Thld dsplcd
 400'. Tree.
 RWY 14-32: H5000X150 (ASPH) S-33, D-48, 2D-95 MIRL
 RWY 14: PAPI(P4L)—GA 3.0° TCH 45'. Tree.
 RWY 32: REIL. VASI(V4L)—GA 3.0° TCH 52'. Trees.
 SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd

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ACTIVATE HIRL Rwy 05-23, MIRL Rwy 14-32, MALSR Rwy 05 and Rwy 23, REIL Rwy 32—CTAF. PAPI Rwy 14 and Rwy 23, VASI Rwy 32 ops 24 hrs.

AIRPORT REMARKS: Attended 1100-0400Z‡. Birds and wildlife on and invov arpt. Ldg fees for acft over 5,500 lbs. Flight Notification Service (ADCUS) available.
 AIRPORT MANAGER: 508-991-6160
 WEATHER DATA SOURCES: ASOS (508) 992-0195 LAWRS.
 COMMUNICATIONS: CTAF 118.1 ATIS 126.85 (508) 994-6277 UNICOM 122.95



Ⓡ PROVIDENCE APP/DEP CON 128.7 (1045-0500Z‡)
 BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z‡)
 TOWER 118.1 (1130-0300Z‡) GND CON 121.9
 AIRSPACE: CLASS D svc 1130-0300Z‡ other times CLASS G.
 RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 112° 21.4 NM to fld. 49/14W.
 VOR portion unusable:
 085°-105° byd 12 NM blo 5,500'
 085°-105° byd 8 NM blo 3,000'
 106°-294° byd 30 blo 3,000'
 295°-330° byd 30 blo 6,000'
 331°-084° byd 30 blo 3,000'
 DME portion unusable:
 085°-105° byd 12 NM blo 5,500'
 085°-105° byd 8 NM blo 3,000'
 106°-294° byd 30 blo 3,000'
 295°-330° byd 30 blo 6,000'
 331°-084° byd 30 blo 3,000'
 ILS/DME 109.7 I-EWB Chan 34 Rwy 05. Unmonitored when ATCT clsd. Autopilot coupled approached blo 470' na. Localizer backcourse and backcourse DME unusable byd 12 NM. Localizer backcourse and backcourse DME unusable 15° left and right of course.

NEWBURYPORT

PLUM ISLAND (2B2) 1 SE UTC-5(-4DT) N42°47.72' W70°50.37'

NEW YORK

11 NOTAM FILE BDR

RWY 14-32: 2300X100 (TURF)

RWY 14: Trees.

RWY 32: Trees.

RWY 10-28: H2105X50 (ASPH) S-8

RWY 10: Trees.

RWY 28: Thld dspclcd 300'. Fence.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended Apr-Sep 1300-2300Z. Attended irregularly Oct-Mar. Wildlife invof arpt. No touch and go allowed. Rwy 10-28 two reflectors on each apch end.

AIRPORT MANAGER: 978-463-4222

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ BOSTON APP/DEP CON 124.4

NORTH ADAMS

HARRIMAN-AND-WEST (AQW)(KAQW) 3 W UTC-5(-4DT) N42°41.78' W73°10.23'

NEW YORK

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IAP

654 B TPA-1654(1000) NOTAM FILE AQW

RWY 11-29: H4300X100 (ASPH) S-25 MIRL

RWY 11: Thld dspclcd 500'. Trees.

RWY 29: Thld dspclcd 100'. Bldg. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX3 LGT ACTIVATE MIRL Rwy 11-29-CTAF.

AIRPORT REMARKS: Attended dawn-dusk. After hours/emergency, ctc manager at 802-823-4639. Mountain ranges 9,100' north at elev 1,894', 4,300' north at elev 2,254', 10,800' south at elev 2,951', 12,800' south at elev 2,690'. Extensive glider ops SR-SS sfc-18,000' year round, primarily weekends and holidays. Deer and birds on and invof arpt. Rgt tfc when landing Rwy 29. Cold temperature rstd arpt. Altitude corrections required at or below -18C.

AIRPORT MANAGER: 413-207-2020

WEATHER DATA SOURCES: ASOS 134.775 (413) 664-6658.

COMMUNICATIONS: CTAF/UNICOM 122.8

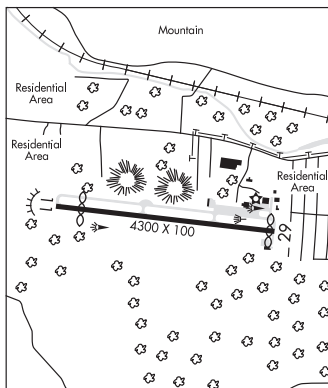
Ⓡ ALBANY APP/DEP CON 132.825

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 171° 19.4 NM to fld. 1490/14W. HIWAS.

DME portion unusable:

040°-130° blo 9,000'



NORTHAMPTON (7B2) 1 NE UTC-5(-4DT) N42°19.68' W72°36.67'

NEW YORK

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IAP

121 B NOTAM FILE BTW

RWY 14-32: H3335X50 (ASPH) S-7.5 MIRL

RWY 14: VASI(V4L)-GA 4.0° TCH 58'. Trees.

RWY 32: Thld dspclcd 220'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 14-32 and VASI Rwy 14-CTAF.

AIRPORT REMARKS: Attended 1300-2300Z. Fuel is 24 hr self-serve. Arpt clsd to acft and helicopters certified for 12,500 lbs and over. Cold temperature rstd arpt. Altitude correction required at or blo -24C. Rwy 14 VASI unusable beyond 1° left of center line. Ldg fee for commercial acft. Fee and PPR for commercial balloon ops.

AIRPORT MANAGER: 413-584-7980

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ BRADLEY APP/DEP CON 125.35

CLNC DEL 133.6

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

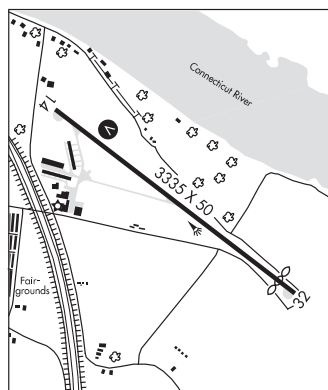
BARNES (L) VORTAC 113.0 BAF Chan 77 N42°09.72' W72°42.97' 039° 11.0 NM to fld. 267/14W.

VORTAC unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

249°-260° byd 10 NM blo 10,000'



NORWOOD MEM (OWD)(KOWD) 2 E UTC-5(-4DT) N42°11.43' W71°10.38'

NEW YORK
COPTER
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49 B NOTAM FILE OWD

RWY 17-35: H4008X100 (ASPH-GRVD) S-58, D-69, 2S-88 MIRL

RWY 17: PAPI(P4R)—GA 3.0° TCH 40'. Trees.

RWY 35: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 10-28: H3995X75 (ASPH) S-58, D-69, 2S-88

RWY 10: PAPI(P4R)—GA 4.0° TCH 25'. Thld dspcld 987'. Trees.

RWY 28: Thld dspcld 213'. Trees. Rgt tfc.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 35	10-28	3320

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-3995 TODA-3995 ASDA-3782 LDA-2795

RWY 28: TORA-3995 TODA-3995 ASDA-3808 LDA-3595

SERVICE: S4 FUEL 100LL, JET A QX4 LGT When twr clsd ACTIVATE MIRL Rwy 17-35, MALSF Rwy 35 and PAPI Rwy 10, Rwy 17, Rwy 35—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z. Bird activity and wildlife invof arpt. Snow removal equipment building (abutting south apron). 1349(1199) and 1349(1249) TV twr 8 NM north-northwest. 125' flagpole 1 mile northwest of Rwy 17 apch. 1184(1063.5) twr 8.5 NM north-northwest. Rwy 28 and 35 rgt tfc for touch and go ldg only. All acft exceeding 87 effective perceived noise level in decibels or 75 decibels, as measured in Part 36 prohibited from using arpt. Gate 2 taxi lane limited to acft with wingspans of 50' or less. Gate 3 taxi lane limited to acft with wingspans of 45' or less. Ldg fee for transient acft with more than 5000 lbs max gross weight.

AIRPORT MANAGER: 781-255-5616

WEATHER DATA SOURCES: ASOS (781) 762-4314 LAWRS.

COMMUNICATIONS: CTAF 126.0

ATIS 119.95 (781-769-3825)

Ⓡ BOSTON APP/DEP CON 124.1

TOWER 126.0 (Nov 1-Apr 30 1200-0100Z), May 1-Oct 31 1200-0300Z) **GND CON** 121.8 **CLNC DEL** 121.8

AIRSPACE: CLASS D svc 1200-0100Z 1 Nov-30 Apr, 1200-0300Z 1 May- 31 Oct other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' 235° 12.9 NM to fld. 28/16W.

VOR unusable:

061°-104° byd 18 NM blo 2,000'

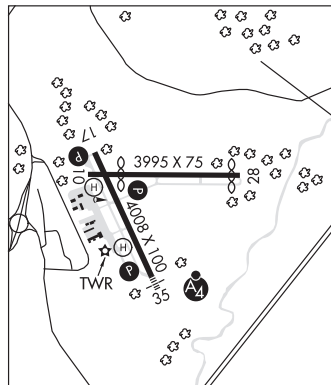
061°-104° byd 18 NM blo 2,000'

271°-060° byd 25 NM blo 2,000'

271°-060° byd 25 NM blo 3,500'

STOGE NDB (LOMW) 397 OW N42°07.19' W71°07.71' 350° 4.7 NM to fld. 50/15W. NOTAM FILE OWD.

LOC/DME 108.3 I-OWD Chan 20 Rwy 35. LOM STOGE NDB. LOC unmonitored when ATCT clsd.



ORANGE MUNI (ORE)(KORE) 1 SE UTC-5(-4DT) N42°34.20' W72°17.31'

NEW YORK
L-33C, 34J
IAP

556 B NOTAM FILE ORE

RWY 01-19: H4999X75 (ASPH) S-25 MIRL 0.4% up S

RWY 01: Thld dspcld 99'. Trees.

RWY 19: Thld dspcld 800'. Trees.

RWY 14-32: H4801X75 (ASPH) S-25 MIRL 0.4% up SE

RWY 14: Trees.

RWY 32: Thld dspcld 1290'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 01-19 and Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. After hours emer/fuel phone ctc 978-305-2452. Wildlife in/on vicinity of arpt. Parachute Jumping. Parachute jumping weekends only. Cold temperature rstd arpt. Altitude correction required at or blo -21°C/-6°F.

AIRPORT MANAGER: 978-544-8189

WEATHER DATA SOURCES: ASOS 135.675 (978) 544-6774.

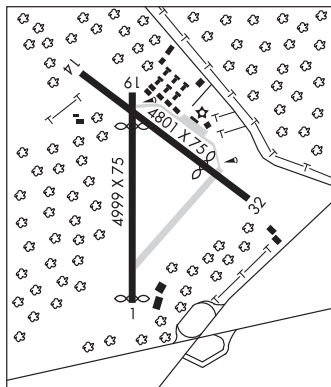
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76'

W72°03.49' 292° 10.3 NM to fld. 1280/14W.



OTIS N41°39.58' W70°30.84' NOTAM FILE FMH.

NEW YORK

(L) **TACAN** 115.8 FMH Chan 105 at Cape Cod Coast Guard Air Station. 116/15W.

H-101, 11D, 12K, L-33B, 34I

TACAN DME portion unusable:
315°-100° byd 25 NM blo 3,000'

TACAN AZMUTH unusable:
360°-075° byd 30 NM blo 3,000'

PITTSFIELD MUNI (PSF)(KPSF) 2 W UTC-5(-4DT) N42°25.66' W73°17.45'

NEW YORK

1188 B LRA NOTAM FILE PSF

H-101, 11D, 12K, L-33B, 34I

RWY 08-26: H5791X100 (ASPH-GRVD) S-44, D-54 PCN 43 F/D/X/T

IAP

MIRL 1.0% up W

RWY 08: Trees.

RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees. Rgt tfc.

RWY 14-32: H3496X100 (ASPH) S-25 MIRL 0.8% up NW

RWY 14: Trees.

RWY 32: Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE REIL Rwy 26, PAPI Rwy 26, MIRL Rws 08-26 and 14-32—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-0100Z†, Sat 1300-2200Z† and Sun 1300-2200Z†. FBO attended. For fuel after hrs call 413-822-7884. Wildlife and geese on and invof arpt. Aflid sfc conditions not monitored and snow removal not guaranteed between the hrs of 2030-1200Z†. Cold temperature restricted airport. Altitude correction required at or below -24C. NS ABTMT procedures in effect ctc arpt manager 413-448-9790. All acft utilize twy systems A, C and D for Rwy 08-26. Twy A use rstd to acft with wingspan less than 79'. After back taxiing Rwy 26 use Twy D to turn around. Voluntary curfew 0400-1200Z†. Ldg and parking fees.

AIRPORT MANAGER: 413-448-9790

WEATHER DATA SOURCES: ASOS 135.375 (413) 499-3273.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.05 (BURLINGTON RADIO)

ALBANY APP/DEP CON 132.825

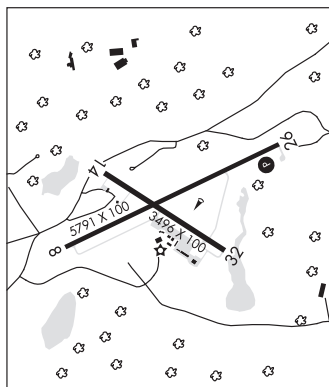
CLNC DEL 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

CHESTER (L) VOR/DME 115.1 CTR Chan 98 N42°17.48' W72°56.96' 311° 17.2 NM to fld. 1600/13W.

VOR unusable:
248°-274°

LOC/DME 108.3 I-EIF Chan 20 Rwy 26. LOC unmonitored.



PLUM ISLAND (See NEWBURYPORT on page 128)

PLYMOUTH MUNI (PYM)(KPYM) 4 SW UTC-5(-4DT) N41°54.52' W70°43.66'

**NEW YORK
L-33D
IAF**

148 B NOTAM FILE PYM

RWY 06-24: H4350X75 (ASPH) S-25 MIRL 0.3% up NE

RWY 06: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 24: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Trees.

RWY 15-33: H4350X75 (ASPH) S-25 MIRL 0.3% up NW

RWY 15: Trees.

RWY 33: PAPI(P4L)—GA 3.0° TCH 39'. Tree.

SERVICE: S4 FUEL 100LL, JET A QX 2, 4 LGT ACTIVATE MIRL Rwy 06-24 and Rwy 15-33, MALSF Rwy 06 and REIL Rwy 24—122.9.

AIRPORT REMARKS: Attended 1100-0300Z†. No touch and go ldg 0200-1300Z†. Be aware of hi-speed military jet and heavy helicopter tfc vicinity Cape Cod CGAS. Wildlife in and on vicinity of arpt. Departing acft encouraged to fly local noise abatement procedures.

AIRPORT MANAGER: 508-746-2020

WEATHER DATA SOURCES: ASOS 135.625 (508) 746-8003.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **CAPE APP/DEP CON** 118.2 (1100-0400Z†) May 15-Sep 30; (1100-0300Z†) Oct 1-May 14).

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z† May 15-Sep 30, (0300-1100Z†) Oct 1-May 14.

CLNC DEL 127.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

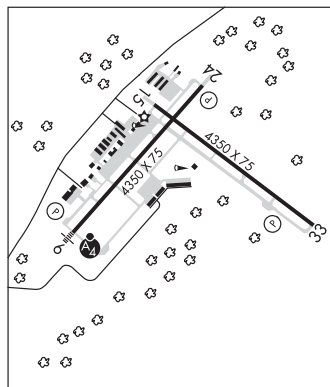
MARCONI (H) VORW/DME 114.7 L FV Chan 94 N42°01.03' W70°02.23' 274° 31.6 NM to fld. 151/16W.

VOR unusable:

045°-260°

281°-291°

ILS/DME 109.35 I-PYM Chan 30(Y) Rwy 06. Autopilot coupled approach na below 610 MSL



PROVINCETOWN MUNI (PVC)(KPVCC) 2 NW UTC-5(-4DT) N42°04.34' W70°13.24'

**NEW YORK
COPTER
L-33D
IAF**

8 B NOTAM FILE PVC

RWY 07-25: H3502X100 (ASPH) S-25 HIRL

RWY 07: MALSF. REIL. PAPI(P4R)—GA 3.0° TCH 40'. Brush.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE MALSF Rwy 07 and HIRL Rwy 07-25—122.85.

AIRPORT REMARKS: Attended May-Oct, dalgt hrs, Nov-Apr, Mon-Sat 1100-2300Z†, Sun 1600-2330Z†. Check with arpt ops on fuel availability, 508-487-0241. No ultralight ops permitted May 1-Sep 30. Coyote and deer on and in/ov arpt, especially at ngt. Be aware of high speed military and heavy helicopter tfc in vicinity of Cape Cod CGAS. Rwy 25 VGSi and descent angle not coincident. Parking fee.

AIRPORT MANAGER: 508-487-0241

WEATHER DATA SOURCES: AWOS-3PT 119.025 (508) 487-6435.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CAPE APP/DEP CON** 118.2 (1100-0400Z†) May 15-Sep 30; (1100-0300Z†) Oct 1-May 14).

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z† Jun 15-Sep 15, (0300-1100Z†) Sep 16-Jun 14.

CLNC DEL 120.65

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MARCONI (H) VORW/DME 114.7 L FV Chan 94 N42°01.03'

W70°02.23' 308° 8.8 NM to fld. 151/16W.

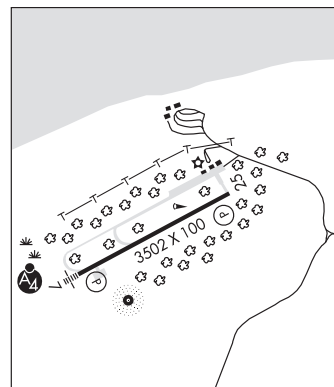
VOR unusable:

045°-260°

281°-291°

NDB (MHW) 389 PVC N42°04.13' W70°13.41' at fld. 9/16W. NOTAM FILE PVC.

ILS/DME 111.1 I-VQO Chan 48 Rwy 07. Class IB. Unmonitored.



SHAKER HILL N42°27.34' W71°10.71' NOTAM FILE BED.

**NEW YORK
COPTER
L-33D, 34J**

NDB (MHW) 251 SKR 296° 5.0 NM to Laurence G Hanscom Fld. 341/16W. NDB unmonitored indef.

NDB unusable:

Byd 10 NM

SOUTHBRIDGE MUNI (3B0) 2 N UTC-5(-4DT) N42°06.07' W72°02.33'

NEW YORK

699 B NOTAM FILE BDR

L-33C, 34J

RWY 02-20: H3501X75 (ASPH) S-28 MIRL 0.3% up N

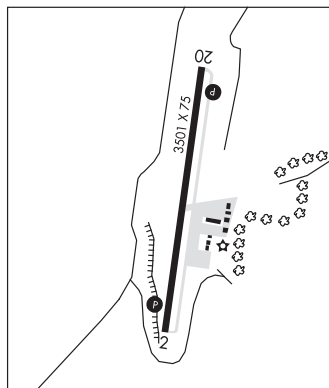
IAP

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Trees.**RWY 20:** REIL. PAPI(P2L)—GA 3.3° TCH 37'. Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 02-20, PAPI and REIL Rwy 02 and 20—CTAF.**AIRPORT REMARKS:** Attended 1300Z±-dusk.**AIRPORT MANAGER:** 508-764-2155**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **BRADLEY APP/DEP CON** 119.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**PUTNAM (H) VOR/DME** 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 329° 12.3 NM to fld. 652/14W.

DME unusable:

265°-301° byd 36 NM blo 3,000'

**SPENCER** (60M) 2 NE UTC-5(-4DT) N42°17.43' W71°57.88'

NEW YORK

1040 TPA—1840(800) NOTAM FILE BDR

RWY 01-19: H1949X50 (ASPH) LIRL**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S4 **LGT** ACTIVATE LIRL Rwy 01-19—CTAF.**AIRPORT REMARKS:** Arpt is currently unattended. Attended Mon-Sat 1400-2300Z±.**AIRPORT MANAGER:** 508-885-5060**COMMUNICATIONS:** CTAF/UNICOM 123.0**STERLING** (3B3) 2 SW UTC-5(-4DT) N42°25.56' W71°47.57'

NEW YORK

459 B NOTAM FILE BDR

L-33C, 34J

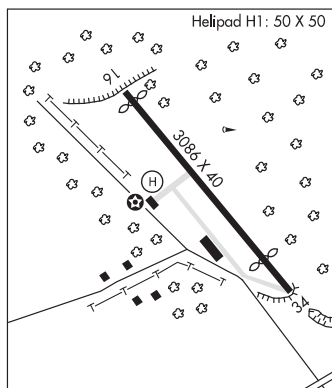
RWY 16-34: H3086X40 (ASPH) S-8 LIRL(NSTD) 0.3% up N**RWY 16:** Thld dsplcd 150'. Trees.**RWY 34:** Thld dsplcd 500'. Tree.**SERVICE:** S2 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 16-34 and rotating bcn—CTAF.**AIRPORT REMARKS:** Attended Thu-Sun 1300-2300Z±. Wildlife invof arpt.

Glider ops in vicinity of arpt SR-SS daily. Intensive glider activity on weekends. Rwy 16-34 NSTD LIRL; first 240' Rwy 16 unlgtd; first 240' Rwy 34 unlgtd. Rwy lgts begin 200 ft down Rwy 16, and 300 ft down Rwy 34.

AIRPORT MANAGER: 978-422-8860**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**GARDNER (L) VOR/DME** 110.6 GDM Chan 43 N42°32.76'

W72°03.49' 135° 13.8 NM to fld. 1280/14W.

• • • • •

HELIPAD H1: H50X50 (ASPH)**STOGE** N42°07.19' W71°07.71' NOTAM FILE OWD.

NEW YORK

NDB (LOMW) 397 OW 350° 4.7 NM to Norwood Mem. 50/15W.

L-33D, 34J

STOW

MINUTE MAN AIR FLD (6B6) 2 N UTC-5(-4DT) N42°27.64' W71°31.07'

NEW YORK
L-33C, 34J
IAP

268 B TPA—See Remarks NOTAM FILE BDR

RWY 03-21: H2770X48 (ASPH) S-12.5 LIRL

RWY 03: Hill.

RWY 21: REIL. PAPI(P2L)—GA 3.5° TCH 24'. Trees.

RWY 12-30: 1600X70 (TURF-GRVL) 0.3% up NW

RWY 12: Trees.

RWY 30: Trees.

SERVICE: S4 FUEL 100LL LGT Rotating bcn OTS 0400-1200Z‡.

ACTIVATE REIL Rwy 21—CTAF.

AIRPORT REMARKS: Attended 1400-2100Z‡. Tree obstruction in apch, primary and transition surfaces Rwy 03 and Rwy 12-30. Upwind and crosswind apchs not recommended. Noise abatement procedures in effect notify arpt manager 978-897-3933 of intention to opr between 0400-1100Z‡. TPA for light acct 1300(1032). Helicopters use rgt tfc.

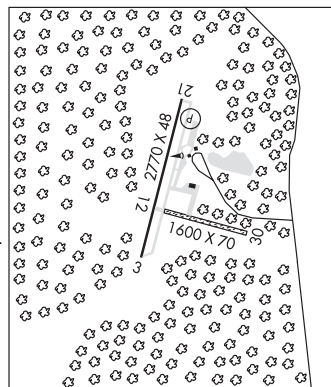
AIRPORT MANAGER: 978-897-3933

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

MANCHESTER (L) VOR/DME 114.4 MHT Chan 91 N42°52.11' W71°22.17' 210° 25.3 NM to fld. 470/15W.



TANNER-HILLER (See BARRE/BARRE PLAINS on page 114)

TAUNTON MUNI - KING FLD (TAN)(KTAN) 3 E UTC-5(-4DT) N41°52.47' W71°00.98'

NEW YORK
L-33D
IAP

42 B NOTAM FILE TAN

RWY 12-30: H3500X75 (ASPH) S-21 MIRL

RWY 12: Trees.

RWY 30: REIL. VASI(V4L)—GA 3.6° TCH 45'. Trees.

RWY 04-22: 1900X60 (TURF-GRVL)

RWY 04: Trees.

RWY 22: Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 12-30; VASI Rwy 30 and lgtd windsock—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z‡. Caution wildlife, deer and geese on or in/ovf arpt/rwys. Parachute jumping. Rwy 04-22 surface rough and loose stones. Avoid flying over the elementary school at the departure end of Rwy 30. Helicopters avoid overflight of densely populated areas west and south of arpt.

AIRPORT MANAGER: 508-821-2973

WEATHER DATA SOURCES: ASOS 132.675 (508) 824-5005.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ PROVIDENCE APP/DEP CON 128.7 (1045-0500Z‡)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 078° 20.6 NM to fld. 49/14W.

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

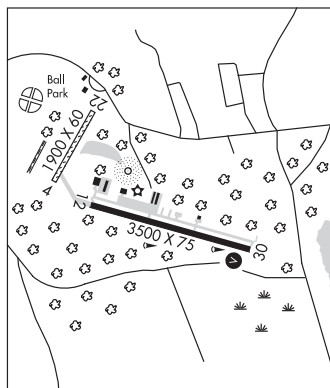
295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

NDB (MHW) 227 TAN N41°52.53' W71°00.97' at fld. 29/16W. NOTAM FILE TAN. NDB unmonitored.

NDB unusable:

090°-180° byd 15 NM



TURNERS FALLS (See MONTAGUE on page 126)

VINEYARD HAVEN

MARTHA'S VINEYARD (MVY)(KMYV) 3 S UTC-5(-4DT) N41°23.61' W70°36.83'

NEW YORK

67 B TPA—1067(1000) Class I, ARFF Index A NOTAM FILE MVY

H-10J, 12K, L-33D

RWY 06-24: H5504X100 (ASPH-GRVD) S-65, D-108, 2S-137, 2D-185 HIRL

IAP, AD

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 50'. RVR-R Trees.

RWY 24: MALSR. RVR-T Rgt ttc.

RWY 15-33: H3328X75 (ASPH) S-31, D-45, 2D-61 MIRL

0.3% up NW

RWY 15: Trees.

RWY 33: REIL. Trees. Rgt ttc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5504 TODA-5504 ASDA-5504 LDA-5504

RWY 15: TORA-3327 TODA-3327 ASDA-3327 LDA-3327

RWY 24: TORA-5504 TODA-5504 ASDA-5504 LDA-5504

RWY 33: TORA-3327 TODA-3327 ASDA-3327 LDA-3327

SERVICE: S2 FUEL 100LL, JET A LGT When twr clsd ACTIVATE HIRL

Rwy 06-24, MALSR Rwy 24, MIRL Rwy 15-33, REIL Rwy 33—CTAF.

AIRPORT REMARKS: Attended continuously. Arpt has NS ABTMT procedures, ctc ops 508-693-7022. 24 hr PPR for unscheduled air carrier ops with more than 9 passenger seats call arpt manager 508-693-7022. Twy E clsd to acft with over 9 passengers. Parking fee all acft. Ldg fee all acft over 6000 lbs.

AIRPORT MANAGER: 508-693-7022

WEATHER DATA SOURCES: ASOS (508) 696-6988

COMMUNICATIONS: CTAF 121.4 ATIS 126.25 (508) 693-7685 UNICOM 122.95

RCO 122.1R 114.5T (BRIDGEPORT RADIO)

Ⓡ **CAPE APP/DEP CON** 133.75 (3,000' to 14,000') 119.7 (1100-0400Z‡ May 15-Sep 30, 1100-0300Z‡ Oct 1-May 14)

CLNC DEL 119.7 (When twr clsd)

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z‡ May 15-Sep 30, 0300-1100Z‡ Oct 1-May 14).

VINEYARD TOWER 121.4 (May 15-Oct 31 1100-0300Z‡, Nov 1-May 14 1200-2200Z‡)

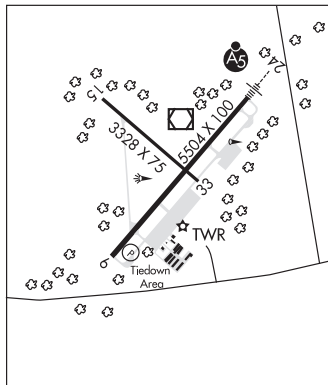
GND CON 124.35 **CLNC DEL** 124.35

AIRSPACE: CLASS D svc May 15-Oct 31 1100-0300Z‡ Nov 1-May 14 1200-2200Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.

MARTHAS VINEYARD (L) VOR/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' at fld. 63/15W.

ILS/DME 108.7 I-MVY Chan 24 Rwy 24. Class IE. Unmonitored.



WALTER J KOLADZA (See GREAT BARRINGTON on page 121)

WESTFIELD-BARNES RGNL (See WESTFIELD/SPRINGFIELD on page 135)

WESTFIELD/SPRINGFIELD

WESTFIELD—BARNES RGNL (BAF)(KBAF) P (ANG ARNG) 3 N UTC-5(-4DT) N42°09.48'

NEW YORK

W72°42.95'

H-101, 11D, 12K, L-33C, 34J

270 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BAF

IAP, AD

RWY 02-20: H9000X150 (ASPH-GRVD) S-75, D-160, 2S-175,

2D-240 HIRL

RWY 02: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 20: MALS.R. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 15-33: H5000X100 (ASPH) S-51, D-60, 2D-155 MIRL

0.3% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 41'. Thld dsplcd 490'. Trees.

RWY 33: PAPI(P4R)—GA 3.5° TCH 40'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-9000 TODA-9000 ASDA-9000 LDA-9000

RWY 15: TORA-5000 TODA-5000 ASDA-4508 LDA-4510

RWY 20: TORA-9000 TODA-9000 ASDA-8919 LDA-8919

RWY 33: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

ARRESTING GEAR/SYSTEM

RWY 02 BAK-14 BAK-12B(B) (1400)

(1440) (B) (1440) RWY 20

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT When twr clsd ACTIVATE

MALS.R. RWY 20, HIRL RWY 02-20, MIRL RWY 15-33—CTAF.

MILITARY—A—GEAR Req thru twr dur twr opr hr, when twr clsd req thru

ANG CP, Whip69 on UHF 309.0. Rwy 02-20, mil acft arresting barriers may fail in the up posn. Verify status of barriers prior to ldg. Utilize Rwy 15-33 max extent at ngt or when twr clsd. JASU 1(MC-1A) 4(MC-2A) 5(M-32A-60A) FUEL A, (C413-562-4999, Avbl 1200-0200Z; OT PPR 413-627-9901, \$75 callout fee) (NC-100LL) FLUID SP PRESAIR LPOX LOX OIL O-148 (Mil) SOAP

AIRPORT REMARKS: Attended 1200-0000Z. Fuel avbl 1200-0000Z, for svc after 0000Z by prior arrangement by phone 413-485-0078. Severe downdraft AER 33 when wind northwest in excess of 15 kts. Birds and other wildlife on and in/ov arpt. Twy G clsd to civilian ops. Be aware wing tip clearance south runup/D-arm pad twy centerline markings for F-15 acft only. NSTD paint marker for north and south barriers. 5 yellow disks instead of 6 yellow disks. No acft with wingspan greater than 110' allowed on ANG ramp. Acft and helicopter NS ABTMT procedures in effect, ctc arpt manager for complete NS ABTMT procedures at 413-572-6275. TPA 1299(1029) lgt acft, 1799(1529) heavy and mil acft. Expect mil overhead and clsd pat tfc. No touch and go ldg or practice low apchs 0300-1200Z. PPR 24 hrs for air carrier ops with more than 9 passenger seats call arpt manager 413-572-6275. Jet acft starting units avbl. Rwy 02-20 military acft arresting barriers may fail in the up position. Small General Aviation acft should use caution, especially at night, and if possible confirm the actual status of the barriers prior to ldg. Utilize Rwy 15-33 to the maximum extent practical at night and when twr is unmanned. Rwy 20 VGSI and descent angles not coincident. Cold temperature rstd arpt. Altitude correction required at or blo -21C. Ldg fee for commercial, corporate and all acft over 5000 lbs. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 413-572-6294

WEATHER DATA SOURCES: ASOS (413) 568-2267 LAWRS.

COMMUNICATIONS: CTAF 118.9 ATIS 127.1 413-572-4561

RCO 122.1R 113.0T (BURLINGTON RADIO)

BRADLEY APP/DEP CON 125.35 CLNC DEL 121.7 (0300-1200Z)

WESTFIELD TOWER 118.9 (1200-0300Z) GND CON 121.7

AIRSPACE: CLASS D svc 1200-0300Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

BARNES (L) VORTAC 113.0 BAF Chan 77 N42°09.72' W72°42.97' at fld. 267/14W.

VORTAC unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

249°-260° byd 10 NM blo 10,000'

ILS 111.9 I-BAF Rwy 20. Class IA. Unmonitored when ATCT clsd.



WESTOVER ARB/METROPOLITAN (CEF)(KCEF) MIL/CIV AF 3 NE UTC-5(-4DT)**NEW YORK**

N42°11.64' W72°32.09'

H-101, 11D, 12K, L-33C, 34J

241 B TPA—See Remarks Class I, ARFF Index E NOTAM FILE CEF

DIAP, AD**RWY 05-23:** H11598X301 (ASPH) 2S-175, C5-840 PCN 37 F/A/W/T HIRL**RWY 05:** ALSF1. PAPI(P4L)—GA 3.0° TCH 72'. RVR-T Thld dspcd 1202'. Rgt tfc.**RWY 23:** ALSF1. PAPI(P4L)—GA 3.0° TCH 64'. RVR-T**RWY 15-33:** H7082X150 (ASPH) PCN 21 R/C/W/T HIRL**RWY 15:** PAPI(P4L)—GA 3.0° TCH 77'.**RWY 33:** PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc.**SERVICE:** **FUEL** 100LL, JET A **LGT** PAPI off dur opr hr periods of no tfc and Rwy 23 PAPI unusable byd 6° rgt of crs. PAPI all rwy provides proper TCH for hgt Gp 4 acct only. Arpt bcn opr dusk-0400Z. Afd lgts avbl only during operating hrs.**MILITARY—JASU** (A/M32A-86) 2(MA-1A) 2(MC-1A) 3(LASS) **FUEL** Opr 1200-0400Z. Mon-Fri; 1200-2000Z. wkend, exc hol. A++(Mil) (NC-100LL, A) **FLUID** SP PRESAIR De-Ice (Not avbl for frost/snow removal exc AFRC/AMC msn.) LHOX LOX LHNIT **OIL** 0-148-156 **TRAN ALERT** Opr 1200-0400Z. Sun-Sat, exc hol. Fleet svcs for tran acct unavbl weekends without prior coordinate with AMOPS. Ctc DSN 589-2951 for availability.**AIRPORT REMARKS:** Attended 1200-0400Z. Arpt clsd 0400-1200Z. Fuel opr hrs 1100-0300Z. wkdys, 1100-1900Z. wkends exc hol. Bird haz. Unlgt obstruction east side Rwy 23 clear zone, P-line poles 36.3' AGL. Strobe lgt lctd atop stacks 4000' left Rwy 23 thld, ocnl steam cloud. VMC dep acct remain at or blo 1000' til past dep end of rwy to ensure separation from VFR overhead and clsd pat tfc. First 1000' each end Rwy 05-23 conc and middle 9600' is asph. Rwy 05-23 1000' ovrn both ends of rwy. Tran parking area unlgt. Vehicle tfc on Twy S unclt by twr. Afd lgts avbl only dur opr hrs. Rotating bcn clear side is split clear lgt. Dalgt turned on when afd is IFR. Heavy VFR tfc blo 10,000' along river and highway 5 NM southwest of afd. Lgt acct tfc, hang glider ops and hot air ballooning activity along river west and northwest of arpt. Exp delay or full stop ldg when lcl or tactical trng msn are in progress. Westover ARB is a joint-use afd. IFR tkf and ldg minimums as prescribed by USAF regulations apply. Call arpt mgr at C413-593-5543 for clarification. Civ trng ltd to low apchs only. TPA rectangular lgt acct 1000(759), large acct 2000(1759), overhead 2500(2259). PAPI all rwys provides proper TCH for height Group 4 acct only. Rwy 23 PAPI unusable byd 6° rgt. PAPI off dur opr hr periods of no tfc. Ldg fee.**MILITARY REMARKS:** Opr 1200-0400Z. Arpt clsd 0400-1200Z. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** Westover ARB is a joint-use afd. IFR tkf and ldg minimums are prescribed by USAF regulations apply. Call arpt mgr at C413-593-5543 for clarification. PPR DSN 589-2951, C413-557-2951, fax exten 2156. AMC, AMC-GAINED and AFRC acct opr rstd dur Bird Watch Conditions Moderate (tkf or ldg permissions only when dep/arr rte avoid identified bird activity, no lcl tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC apvl), ctc PTD/ATIS for current Bird Watch Condition Code. Continue opr by non-AMC, AMC-GAINED and AFRC or civ acct dur Bird Watch Cond Severe or Moderate as at their own discretion and will be strongly advised to discontinue opr. Drop zone clsd Tue 1630-2230Z and Thu 1600-2000Z. Civ trng ltd to low apchs only. Civ pilots are reminded to check mil NOTAM with AFSS or <https://www.pilotweb.nas.faa.gov/distribution/atccsc.html>. Exp delay or full stop ldg when lcl or tactical trng msn are in progress. All tran acct req transmit work must ctc AMOPS for prior apvl, DSN 589-2017/2951, C413-557-2951**CAUTION** Vehicle tfc on Sierra twy unclt by twr. VMC departing acct remain at or blo 1000' until past departure end of rwy to ensure separation from VFR overhead and clsd pat tfc. Strobe lgt lctd atop stacks 4000' left Rwy 23 thld, ocnl steam cloud. Potential for hydroplaning after any precipitation. Ponding at int Rwy 05-23 and Rwy 15-33 measured in 1/10th inches. See NOTAMS for KCEF. Uncltd vehicular tfc on ramps and twys. Heavy VFR tfc blo 10,000' along river and highway 5 NM SW afd. Lgt acct tfc, hang glider ops and hot air ballooning activity along river West and NW of arpt. Extv hang glider and glider in the Mt. Greylock area aprx 45 NM NW of fld. Bird haz. Unlighted obst east side of Rwy 23 clear zone; 10 pline poles 36.3' AGL, unlighted obst west side Rwy 05 clearance zone. NSTD afd marking lctd on Twy N and east ramp. Eastside pad 19, pad 33 and Twy L do not have paved shoulders. First 3000' of Rwy 23 centerline obscured by rubber buildup, BA may be affected when cond are other than dry, and aerodrome Rwy 23 haz, hold position mark obscured by rubber buildup located 20 ft either side Rwy 23 centerline at Rwy 15-33 hold short line. **TFC PAT** TPA rectangular lgt acct 1000(759), large acct 2000(1759), overhead 2500(2259). **NS ABTMT** No practice apch for tran acct Mon-Sun 0300-0400Z, Sun 1200-1700Z and circle to Rwy 05 not allowed unless apvd by 439 OG/CC only.**CSTMS/AG/IMG** Avbl thru AMOPS 24 hr prior coord rqr. DSN 589-2917/2951. Ctc PTD 2 hr prior to ldg via direct air/gnd communications or telephone patch. **MISC** Advise twr of drag chute deployment prior to ldg. Tran aircrews ctc AMOPS 30 min prior to ldg with intentions. Tran aircrews should plan to arr with appropriate amount of COMSEC to complete msn. Tran aircrew COMSEC storage located in Comd Post. First 1000' each end Rwy 05-23 conc and middle 9600' is porous friction sfc. USAF afd managment pers do not determine/report a Rwy Cond Code (RwyCC) nor issue FAA formatted fld cond NOTAM (FICON).**AIRPORT MANAGER:** 413-593-5543**COMMUNICATIONS:** CTAF 134.85 ATIS 114.0 127.525 (1200-0400Z) UNICOM 122.95 PTD 372.2**BRADLEY APP/DEP CON** 125.35 281.5**TOWER** 134.85 348.75 (1200-0400Z) **GND CON** 118.35 275.8**COMD POST 439 AW** (CASINO ROYALE) 252.1 (Opr 24 hrs)**PMSV METRO** 274.75 Full svc 1100-0400Z, DSN 589-2879, other times ctc 15 OWS DSN 576-9702. Ngt obsn ltd due to high ints security lgt. Afd wx is monitored by AN/FMQ-19. Automated obsn are quality ctld for accuracy dur twr controlled flying hrs.**CONTINUED ON NEXT PAGE**

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1200-0400Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

BARNES (L) VORTAC 113.0 BAF Chan 77 N42°09.72' W72°42.97' 091° 8.3 NM to fld. 267/14W.

VORTAC unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

249°-260° byd 10 NM blo 10,000'

(L) VORTACW 114.0 CEF Chan 87 N42°11.85' W72°31.58' at fld. 241/14W. NOTAM FILE CEF.

No NOTAM MP: VOR mp 1100-1500Z± Wed; TACAN mp 1100-1500Z± Fri

VOR unusable:

030°-050° byd 10NM blo 4,000'

030°-050° byd 15NM blo 9,000'

051°-129° byd 17NM blo 7,000'

130°-220° byd 20NM blo 8,000'

221°-299° byd 20NM blo 4,500'

300°-029° byd 14NM blo 9,000'

TACAN unusable:

052°-201° byd 35NM blo 7,000'

ILS 109.9 I-GWJ Rwy 05. Class IE.

ILS 109.9 I-CEF Rwy 23. Class IE. Mnt 1200-0400Z±. No NOTAM MP: Rwy 05-23 1400-1600Z± Mon, Wed, Fri.

COMM/NAV/WEATHER REMARKS: Twr ops extrn/irregular hrs by NOTAM. ATIS No NOTAM MP Thu 1400-1600Z±.

WORCESTER RGNL (ORH)(KORH) 3 W UTC-5(-4DT) N42°16.03' W71°52.54'

NEW YORK

1009 B LRA Class I, ARFF Index B NOTAM FILE ORH

H-101, 11D, 12K, L-33C, 34J

RWY 11-29: H7001X150 (ASPH-GRVD) S-120, D-250, 2S-138,

IAP, AD

2D-550 PCN 89 F/C/W/T HIRL CL

RWY 11: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 55'. RVR-TR Hill.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 54'. RVR-TR

RWY 15-33: H5000X100 (ASPH-GRVD) S-85, D-120, 2S-138,

2D-210 PCN 35 F/C/W/T MIRL

RWY 15: REIL. VASI(V4L)—GA 3.6° TCH 42'. Antenna.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 15: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 29: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 33: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

ARRESTING GEAR/SYSTEM

RWY 11: EMAS

RWY 29: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 11-29,

MIRL Rwy 15-33, MALSR Rwy 11 and PAPI Rwy 29 and Rwy

33—CTAF.

AIRPORT REMARKS: Attended continuously. Wildlife invof arpt, birds on and

invof arpt. Use caution for arpt vehicles monitoring CTAF and opr on

arpt during non-twr hrs. During snow removal ops 30 mins PPR on frequency 120.5 during twr hrs or frequency 119.0

during non-twr hrs or call 508-799-1325. Rwy 33 VGSi and decent angle not coincident. Tran acct ctc FBO on 122.95

for svcs. Rwy 15 VASI unusable byd 9° left of course. Ldg fee for multi-engine acct and larger. Flight Notification Service

(ADCUS) available.

AIRPORT MANAGER: (508) 849-5550

WEATHER DATA SOURCES: ASOS (508) 795-7546

COMMUNICATIONS: CTAF 120.5 ATIS 126.55 508-757-0962 UNICOM 122.95

RCO 122.2 (BRIDGEPORT RADIO)

Ⓡ **BRADLEY APP/DEP CON** 119.0 **CLNC DEL** 119.0 (0200-1130Z±)

TOWER 120.5 (1130-0200Z±) **GND CON** 123.85 **CLNC DEL** 128.65

AIRSPACE: CLASS D svc 1130-0200Z± other times CLASS E.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

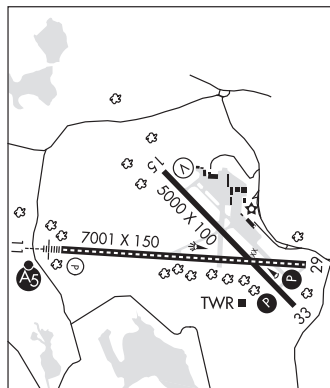
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 168° 18.6 NM to fld. 1280/14W.

ILS/DME 110.9 I-RSR Chan 46 Rwy 11. Class IT. Unmonitored when ATCT closed. DME unusable byd 12° left of

course; byd 13 NM; byd 25° right of course. Autopilot coupled approaches na below 1,360' MSL

ILS/DME 110.9 I-EKW Chan 46 Rwy 29. Class IB. LOC/DME unmonitored when ATCT clsd. Glideslope unusable

for coupled apchs blo 1,266' MSL. LOC unusable byd 25° left and byd 25° right of course.



ALTON BAY SPB (B18) 2 N UTC-5(-4DT) N43°28.66' W71°14.22'

NEW YORK

504 NOTAM FILE BGR

WATERWAY 01-19: 2600X100 (WATER)**WATERWAY 19:** Ground.

SEAPLANE REMARKS: Unattended. Ice in winter plowed to approximately 2300'. Check NOTAMS for ice rwy conditions. Rwy 01 thld 100' northeast of floating bandstand. All seaplane tkfs and ldgs must be north of the bandstand. All travel south of the bandstand must not exceed headway speed. Waterway 01-19 P-line marked with orange balls 1000' south of thld at south end, less than 30' height along roadway. For seaplane parking and ice rwy conditions call arpt manager (603)455-7817.

AIRPORT MANAGER: 603-875-3498**COMMUNICATIONS:** CTAF/UNICOM 122.8**BERLIN RGNL** (BML)(KBML) 7 N UTC-5(-4DT) N44°34.52' W71°10.56'

MONTREAL

1161 B NOTAM FILE BML

H-11D, L-32H

RWY 18-36: H5200X100 (ASPH) S-53, D-82, 2S-104, 2D-140

IAP

HIRL 0.5% up N

RWY 18: REIL. PAPI(P4L)—GA 3.5° TCH 65'. Trees.**RWY 36:** REIL. Trees.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 18-36, REIL Rwy 18 and Rwy 36, PAPI Rwy 18—CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. Self-serve 100LL avbl 24 hrs with credit card system. For JET A after hrs call 603-449-2168. Wildlife on and invof arpt. Cold temperature rstd arpt. Alt correction rqrd at or blo -24C.

AIRPORT MANAGER: 603-449-2168**WEATHER DATA SOURCES:** ASOS 135.175 (603) 449-3328. HIWAS 110.4 BML.**COMMUNICATIONS:** CTAF/UNICOM 122.7

RCO 122.35 (BANGOR RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

(T) VOR/DME 110.4 BML Chan 41 N44°38.00'

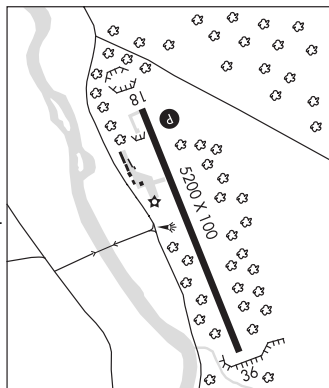
W71°11.17' 190° 3.5 NM to fld. 1731/17W. HIWAS.

VOR/DME unusable:

120°-130° blo 6,500'

160°-180° blo 6,000'

295°-305° blo 6,000'

**BLNAP** N43°32.20' W71°32.22' NOTAM FILE LCI.

NEW YORK

NDB (MHW) 328 LC 083° 5.6 NM to Laconia Muni. 740/16W.

L-32H

BOIRE FLD (See NASHUA on page 147)**BRISTOL****NEWFOUND VALLEY** (2N2) 1 W UTC-5(-4DT) N43°35.52' W71°45.09'

NEW YORK

510 NOTAM FILE BGR

RWY 03-21: H1900X40 (ASPH)**RWY 03:** Trees.**RWY 21:** Tree.

AIRPORT REMARKS: Unattended. Caution wildlife on and invof arpt. Rwy plowed Dec thru Mar—Call arpt manager in winter for current conditions 603-744-8334.

AIRPORT MANAGER: 603-744-8334**COMMUNICATIONS:** CTAF 122.9**CHERN** N42°49.40' W71°36.13' NOTAM FILE ASH.

NEW YORK

NDB (MHW/LOM) 359 AS 138° 4.6 NM to Boire Fld. 217/16W.

L-32H, 33C, 34J

CLAREMONT MUNI (CNH)(KCNH) 1 W UTC-5(-4DT) N43°22.23' W72°22.09'

NEW YORK

544 B NOTAM FILE BGR

L-32G

RWY 11-29: H3098X100 (ASPH) S-30 MIRL 0.3% up E**RWY 11:** Thld dspclcd 1055'. Trees.**RWY 29:** REIL. PAPI(P2L)—GA 4.0° TCH 31'.**SERVICE:** S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 11-29 and REIL Rwy 29—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1500-2100Z. For arpt svcs, call (603) 542-2282. Fuel self svc 24 hrs by credit card system. Wildlife on and invof arpt. Expect downdraft in apch to Rwy 29. Tkf, ldg, and taxiing on unpaved area prohibited. Cold temperature rstd arpt. Altitude correction required at or blo -28C. Rotating bcn difficult to see from the north when foliage is on the trees.**AIRPORT MANAGER:** 603-542-5156**COMMUNICATIONS:** CTAF/UNICOM 122.7**RCO** 122.4 (BANGOR RADIO)**BOSTON APP/DEP CON** 134.7 **CLNC DEL** 122.4 (BANGOR RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE LEB.**LEBANON (L) VOR/DME** 113.7 LEB Chan 84 N43°40.73'

W72°12.96' 215° 19.7 NM to fld. 1443/15W.

VOR portion unusable:

095°-115° byd 30 NM blo 7,000'

DME portion unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

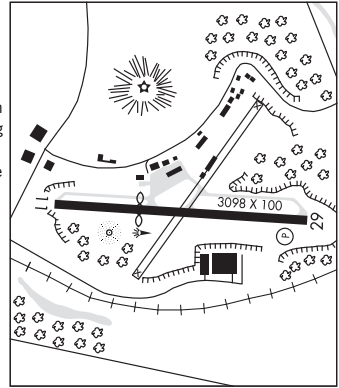
161°-304° byd 30 NM blo 6,300'

NDB (MHW) 233 CNH N43°22.15' W72°22.27' at fld. 527/16W. NOTAM FILE BGR.

NDB unusable:

005°-049° byd 20 NM

050°-004° byd 15 NM

**COLEBROOK****GIFFORD FLD** (4C4) 1 SW UTC-5(-4DT) N44°53.25' W71°30.46'

MONTREAL

1017 NOTAM FILE BGR

RWY 04-22: 2466X75 (TURF) 0.5% up NE**RWY 04:** Thld dspclcd 458'. Trees.**RWY 22:** Road.**AIRPORT REMARKS:** Unattended. Rwy 04-22 CLOSED Nov-May exc ski acft. Call 603-237-4914 for afld conditions. Rwy 04-22 strip soft in spring. DT wet areas all year. Road traverses rwy 425' from Rwy 04 thld. Rwy 04-22 NSTD markings, rwy edges and ends marked by yellow cones. Rwy 04 dspclcd thld marked by three yellow cones aligned perpendicular to each rwy edge.**AIRPORT MANAGER:** 603 237-4914**COMMUNICATIONS:** CTAF/UNICOM 122.8

CONCORD MUNI (CON)(KCON) P (ARNG) 2 E UTC-5(-4DT) N43°12.16' W71°30.14'
342 B NOTAM FILE CON

NEW YORK
H-11D, 12K, L-32H
IAP

RWY 17-35: H6005X100 (ASPH) S-43, D-60 HIRL

RWY 17: PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 641'. Tree.

RWY 35: MALSR. VASI(V4L)—GA 3.0° TCH 50'.

RWY 12-30: H3200X75 (ASPH) S-30 MIRL

RWY 12: Trees.

RWY 30: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE HIRL Rwy 17-35, MIRL Rwy 12-30 and MALSR Rwy 35—CTAF. **MILITARY—FUEL** J8(Mil)—PPR (NC-100LL - Avbl H24 with credit card; A - Avbl 1230-2200Z±, OT fone C603-228-2267 and flw prompts.)

AIRPORT REMARKS: Attended 1200-2200Z±, except Thanksgiving, Christmas, and New Years Day. Self-serve 100LL avbl 24 hrs with credit card. For Jet A after hrs call 1-603-228-2267 and follow prompts. Wildlife on and invof arpt. Heavy helicopter activity 1 NM east-southeast of arpt 800' and below. Rwy 35 designated calm wind rwy. Day and ngt VFR helicopter ops to and from New Hampshire State Police Hangar. Ops on National Guard twy and ramp prohibited without prior coordination due to security. Military twy and ramp PCN R/A/W/T. Ops off paved sfc prohibited due to conservation management activities. Compass rose calibrated 2014.

AIRPORT MANAGER: 603-228-2267

WEATHER DATA SOURCES: ASOS 132.32 (603) 224-6558. HIWAS 112.9 CON.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.2 122.3 (BANGOR RADIO)

Ⓡ **BOSTON APP/DEP CON** 127.35

CLNC DEL 133.65

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

(L) **VOR/DME** 112.9 CON Chan 76 N43°13.19' W71°34.53' 123° 3.4 NM to fld. 715/15W. **HIWAS.**

VORTAC unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

318°-326° byd 30 NM blo 12,000'

DME unusable:

022°-032° byd 20 NM blo 8,000'

082°-110° byd 30 NM blo 5,000'

290°-300° byd 30 NM blo 7,000'

EPSOM NDB (LOM) 216 CO N43°07.13' W71°27.16' 353° 5.5 NM to fld. NDB unusable byd 20 NM.

ILS 108.7 I-CON Rwy 35. Class IA. LOM EPSOM NDB. NDB unusable byd 20 NM.



DEAN MEM (See HAVERHILL on page 142)

DILLANT-HOPKINS (See KEENE on page 143)

EPSOM N43°07.13' W71°27.15' NOTAM FILE CON.

NEW YORK
L-32H, 33D

NDB (MHW/LOM) 216 CO 353° 5.5 NM to Concord Muni. 355/16W.

NDB unusable:

Byd 20 NM

ERROL (ERR)(KERR) 1 NW UTC-5(-4DT) N44°47.55' W71°09.85'

MONTREAL

1245 TPA—2045(800) NOTAM FILE BGR

RWY 15-33: 3680X75 (GRVL)

RWY 15: Trees.

RWY 33: Trees.

AIRPORT REMARKS: Unattended. For arpt information and conditions call 603-482-3320. Wildlife on and invof arpt. Regular construction vehicle tfc on roadway at Rwy 33 end. 3:1 clearance slope. Rwy soft in spring. Large patches of grass on rwy.

AIRPORT MANAGER: 603-482-3320

COMMUNICATIONS: CTAF/UNICOM 122.8

HELIPAD H1: H61X61 (ASPH)

HELIPORT REMARKS: ACTIVATE helipad flood lgt and lighted windcone—CTAF.

FITZY N42°51.85' W71°31.73' NOTAM FILE MHT.
NDB (LOMW) 209 MJ 060° 5.8 NM to Manchester. 234/15W.

NEW YORK

FRANCONIA (1B5) 2 S UTC-5(-4DT) N44°11.70' W71°45.03'
 978 NOTAM FILE BGR

MONTREAL

RWY 18-36: 2305X150 (TURF) 0.9% up S

RWY 18: Road.

RWY 36: Fence. Rgt tfc.

AIRPORT REMARKS: Unattended. Normally CLOSED Nov 1 thru Apr 30, check NOTAMS for current status. For arpt conditions call 603-823-5034. Wildlife on and invof arpt. Rwy soft in spring. Glider opr invof arpt. First 200' of Rwy 18 soft. Avoid flying over residential area at departure end Rwy 18 during both takeoff and landing, avoid low alt and/or high power settings in this area. In case of emergency ctc New Hampshire State Police (800) 525-5555.

AIRPORT MANAGER: 603-823-5034

COMMUNICATIONS: CTAF/UNICOM 122.8

GIFFORD FLD (See COLEBROOK on page 139)

GORHAM (2G8) 1 NW UTC-5(-4DT) N44°23.61' W71°11.89'
 835 NOTAM FILE BGR

MONTREAL

RWY 12-30: 2822X70 (TURF) 1.2% up SE

RWY 12: Thld dspclcd 250'. Trees.

RWY 30: Thld dspclcd 250'. Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1-May 15. Other times check NOTAMS or during normal business hrs only call 603-466-3302. Leave telephone number and expect return call for fld condition. Refueling and maintenance of acct is prohibited. Arpt opr and maintained by town of Gorham water and sewer department. Wildlife on and invof arpt. AER 30 soft in spring/heavy rains. Rwy sfc rolling and uneven. Rwy 12-30 edges and ends markes by yellow cones.

AIRPORT MANAGER: 603-466-5065

COMMUNICATIONS: CTAF/UNICOM 122.8

HAMPTON AIRFIELD (7B3) 2 N UTC-5(-4DT) N42°57.76' W70°49.72'
 93 NOTAM FILE BGR

NEW YORK

RWY 02-20: H2100X121 (ASPH-TURF) LIRL(NSTD)

RWY 02: Trees.

RWY 20: Thld dspclcd 300'. Trees.

SERVICE: S3 FUEL 100LL, MOGAS LGT ACTIVATE LIRL Rwy 02-20—122.4 or call 603-964-6749.

AIRPORT REMARKS: Attended 1300Z†-dusk except Thanksgiving and Christmas. Self-serve 100LL and MOGAS avbl 24 hrs with credit card. Wildlife on and invof arpt. Caution short and soft fld opr. For short fld training or information please ctc arpt manager 603-817-6617. Extensive student pilot and training ops at arpt. Parallel rwy opr not permitted. Pilot will designate and make radio call to advise turf or grass ldg/takeoff. Numerous NORDO acct opr at arpt. Road at Rwy 20 thld with moderate vehicle tfc. Paved portion 2100X46'. Turf portion 2100X75'. Rwy 02-20 NSTD LIRL on paved rwy. Rwy 20 NSTD dspclcd thld, single red/green lgt each side.

AIRPORT MANAGER: 603-964-6749

COMMUNICATIONS: CTAF/UNICOM 122.8

HANOVER N43°42.14' W72°10.65' NOTAM FILE LEB.
NDB (MHV) 276 LAH 245° 7.2 NM to Lebanon Muni. 1190/15W.

NEW YORK

L-32H

NDB unusable:

291°-329° byd 15 NM

Byd 20 NM

HAVERHILL

DEAN MEM (5B9) 3 NE UTC-5(-4DT) N44°04.81' W72°00.47'

582 NOTAM FILE BGR

RWY 01-19: H2511X58 (ASPH) S-8.5 LIRL(NSTD) 1.4% up S

RWY 01: Thld dsplcd 185'. Trees.

RWY 19: Bldg.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 01-19 and
windsock—CTAF.

AIRPORT REMARKS: Attended irregularly. For winter conditions call
603-738-4158 24 hrs before use. Rwy 01-19 NSTD LIRL due to
spacing and first 185' Rwy 01 not lgtd. Cold temperature rstd arpt.
Altitude correction required at or below -27C.

AIRPORT MANAGER: (603) 738-4158

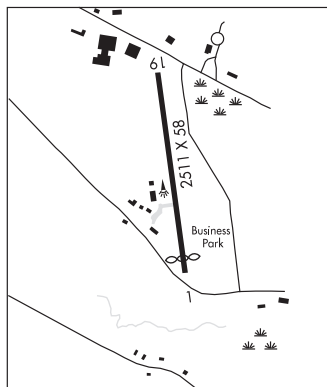
COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.

MONTPELIER (L) VOR/DME 110.8 MPV Chan 45 N44°05.13'
W72°26.96' 107° 19.1 NM to fld. 2080/16W.

MONTREAL
L-32H
IAP



HAWTHORNE-FEATHER AIRPARK (See HILLSBORO on page 142)

HILLSBORO

HAWTHORNE-FEATHER AIRPARK (8B1) 3 S UTC-5(-4DT) N43°03.68' W71°54.32'

600 B NOTAM FILE BGR

RWY 02-20: H3260X75 (ASPH) S-8 MIRL

RWY 02: Trees.

RWY 20: Trees. Rgt tfc.

SERVICE: FUEL 100LL LGT Rwy lghts and rotating bcn OTS indef.
ACTIVATE MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Unattended. Prior to using arpt call 603-588-6868 for
arpt conditions. Self serve fuel avbl 24 hrs by credit card system.

Wildlife on and inof arpt. Rwy sfc uneven with large open cracks.

AIRPORT MANAGER: 603-588-6868

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

CONCORD (L) VOR/DME 112.9 CON Chan 76 N43°13.19'
W71°34.53' 252° 17.3 NM to fld. 715/15W. HIWAS.

VORTAC unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

318°-326° byd 30 NM blo 12,000'

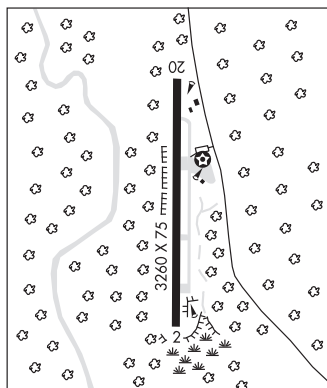
DME unusable:

022°-032° byd 20 NM blo 8,000'

082°-110° byd 30 NM blo 5,000'

290°-300° byd 30 NM blo 7,000'

NEW YORK
L-32H, 33B



JAFFREY AIRPORT—SILVER RANCH (AFN)(KAFN) 1 SE UTC-5(-4DT) N42°48.31' W72°00.18'

NEW YORK

1040 B TPA—2040(1000) NOTAM FILE AFN

L-32G, 33C

RWY 16-34: H2982X134 (ASPH—TURF) S-8 LIRL(NSTD) 0.9% up N

IAF

RWY 16: Trees.

RWY 34: Thld dsplcd 582'. Ground.

SERVICE: S2 **FUEL** 100LL **LGT** Rwy 16-34 NSTD LIRL, first 582' Rwy 34 not lgtd, CTAF controlled. PPR for NSTD LIRL call 603-532-8870.

AIRPORT REMARKS: Attended 1300Z±-dusk. Wildlife on and in/ovf arpt.

Ultralight activity on arpt. Rwy 16-34 touch and go ldgs prohibited.

PAEW AER 34, maximum equipment height 50' AGL, AER 34

obstruction lgts OTS. Rwy 16-34 50' center portion of the entire rwy

is asph. The remaining 42' per side is turf/grvl for entire rwy length.

Rwy sfc uneven with pavement patches and widespread alligator

cracking. Parallel twy serves hangar/ramp only, no access to Rwy 34.

AIRPORT MANAGER: 603-532-8870

WEATHER DATA SOURCES: ASOS 135.875 (603) 532-6195.

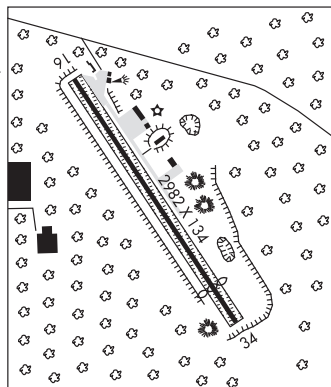
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76'

W72°03.49' 023° 15.7 NM to fld. 1280/14W.



KEENE

DILLANT—HOPKINS (EEN)(KEEN) P (ANG) 2 S UTC-5(-4DT) N42°53.90' W72°16.25'

NEW YORK

488 B NOTAM FILE EEN

H-11D, 12K, L-32G, 33C

RWY 02-20: H6201X100 (ASPH) D-60 PCN 40 F/C/X/T HIRL

IAF, AD

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 39'.

RWY 20: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 14-32: H4001X150 (ASPH) S-25 MIRL 0.3% up SE

RWY 14: Trees.

RWY 32: Thld dsplcd 1100'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A 0X1, 2, 3, 4 **LGT** PAPI Rwy 20 OTS indef. **ACTIVATE** MALSR Rwy 02, HIRL Rwy 02-20 and MIRL Rwy 14-32—CTAF. **MILITARY—FUEL** (NC-100LL - Avbl H24 with credit card; A - After hr fone C603-357-7600.)

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z±, Sat-Sun

1200-2200Z±. 100LL avbl 24 hrs with credit card. For jet fuel after

hrs call 603-357-7600. Wildlife on and in/ovf arpt. NS ABTMT

procedures, winds blo 8 kts use Rwy 02. Cold temperature rstd arpt.

Altitude correction required at or blo -28C. Ldg fee for all turbine

powered acct.

AIRPORT MANAGER: 603-357-9835

WEATHER DATA SOURCES: AWOS-3PT 119.025 (603) 358-6424.

COMMUNICATIONS: CTAF/UNICOM 123.0

KEENE RCO 122.1R 109.4T (BANGOR RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

CLNC DEL 121.6

RADIO AIDS TO NAVIGATION: NOTAM FILE EEN.

KEENE (L) VORTAC 109.4 EEN Chan 31 N42°47.66' W72°17.51' 022° 6.3 NM to fld. 1380/14W.

VOR portion unusable:

017°-027° byd 20 NM

037°-047° byd 20 NM

070°-085° byd 25 NM blo 9,000'

100°-110°

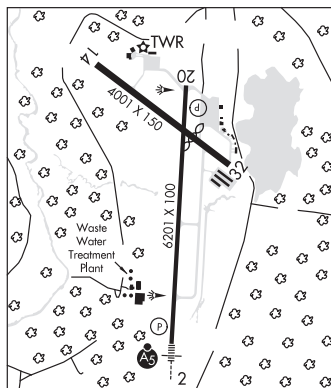
165°-185° byd 10 NM blo 6,000'

180°-225° byd 15 NM

TAC portion unusable:

070°-085° byd 25 NM blo 9,000'

ILS 108.9 I-EEN Rwy 02. Class IA. Localizer unusable 25° right of course.



LACONIA MUNI (LCI)(KLCI) 3 NE UTC-5(-4DT) N43°34.38' W71°25.07'

NEW YORK

545 B NOTAM FILE LCI

H-11D, 12K, L-32H

RWY 08-26: H5890X100 (ASPH-GRVD) S-85, D-110, 2D-175

IAP

PCN 35 F/D/X/T HIRL 0.5% UP W

RWY 08: MALSR. PAPI(P4L)—GA 3.0° TCH 44'. Trees.

RWY 26: REIL. PAPI(P4R)—GA 4.0° TCH 55'. Thld dspcd 244'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5890 TODA-5890 ASDA-5646 LDA-5646

RWY 26: TORA-5890 TODA-5890 ASDA-5530 LDA-5286

SERVICE: S7 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 08, REIL Rwy 26, HIRL Rwy 08-26, windsock lgts—CTAF.

AIRPORT REMARKS: Attended May-Oct 1200-0000Z†, Nov-Apr

1300-2300Z†. 100LL avbl 24 hrs with credit card system. For Jet A after hrs call FBOS. Wildlife on and invof arpt. Rwy 26 PAPI unusable byd 6° left of centerline. Twy A clsd to acct with wingspan greater than 49'. Cold temperature rstd arpt. Altitude correction required at or blo -25C/-13F.

AIRPORT MANAGER: 603-524-5003

WEATHER DATA SOURCES: AWOS-3PT 133.525 (603) 524-5134.

COMMUNICATIONS: CTAF/UNICOM 123.0

® BOSTON APP/DEP CON 134.75

CLNC DEL 119.85

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

CONCORD (L) VOR/DME 112.9 CON Chan 76 N43°13.19' W71°34.53' 033° 22.3 NM to fld. 715/15W. HIWAS.

VORTAC unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

318°-326° byd 30 NM blo 12,000'

DME unusable:

022°-032° byd 20 NM blo 8,000'

082°-110° byd 30 NM blo 5,000'

290°-300° byd 30 NM blo 7,000'

BLNAP NDB (MHW) 328 LC N43°32.20' W71°32.22' 083° 5.6 NM to fld. 740/16W. NOTAM FILE LCI.

ILS/DME 108.5 I-LCI Chan 22 Rwy 08. Class IB. LOM BLNAP NDB. DME unusable byd 25° right of course.



LEBANON MUNI (LEB)(KLEB) 3 W UTC-5(-4DT) N43°37.57' W72°18.25'
603 B NOTAM FILE LEB

NEW YORK
H-11D, 12K, L-32G
IAP, AD

RWY 07-25: H5496X100 (ASPH-GRVD) S-42, D-60 MIRL

RWY 07: REIL. PAPI(P4L)—GA 4.0° TCH 50'. Tree.

RWY 25: REIL. VASI(V4L)—GA 3.8° TCH 54'.

RWY 18-36: H5200X100 (ASPH-GRVD) S-42, D-48 HIRL

0.8% up S

RWY 18: REIL.

RWY 36: PAPI(P4L)—GA 3.75° TCH 34'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX 1** **LGT** ACTIVATE MIRL Rwy 07-25 and HIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended 1100-0300Z†. For fuel after hrs call 603-298-6555. Occasional deer and bird activity on and in/ov arpt. Hang glider ops vicinity Mt. Ascutney, VT, 20 miles southwest Lebanon sfc—8000' days. No practice low apch or touch and go ldg 0500-1200Z†. Noise abatement procedures in effect, ctc arpt manager. All arrival/departure acft follow manufacturer's recommended procedure for quiet ops and minimum noise. Cold temperature rstd arpt. Altitude correction required at or blo -20C. Ldg fees except for non-commercial single engine.

AIRPORT MANAGER: 603-298-8878

WEATHER DATA SOURCES: ASOS 118.65 (603) 298-8780. LAWRS.

COMMUNICATIONS: CTAF 125.95 ATIS 118.65 UNICOM 122.95

RCO 122.1R 113.7T (BANGOR RADIO)

RCO 122.2 122.5 (BANGOR RADIO)

® BOSTON CENTER APP/DEP CON 134.7

TOWER 125.95 (1100-0300Z†) GND CON 121.6

AIRSPACE: CLASS D svc 1100-0300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

(L) VOR/DME 113.7 LEB Chan 84 N43°40.73' W72°12.96' 246° 5.0 NM to fld. 1443/15W.

VOR portion unusable:

095°-115° byd 30 NM blo 7,000'

DME portion unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'

HANOVER NDB (MHW) 276 LAH N43°42.14' W72°10.65' 245° 7.2 NM to fld. 1190/15W.

NDB unusable:

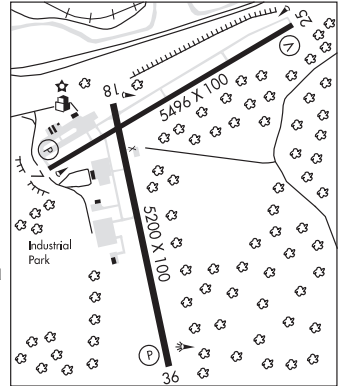
291°-329° byd 15 NM

Byd 20 NM

ILS/DME 111.9 I-DVR Chan 56 Rwy 18. LOC unusable byd 30° left of course. LOC unusable inside .5 NM inbound.

LOC unusable byd 30° right of course. DME unusable byd 30° left of course. DME unusable byd 30° right of course.

COMM/NAV/WEATHER REMARKS: 121.5 not avbl at twr.



MAHN N44°21.74' W71°41.15' NOTAM FILE HIE.

MONTREAL

NDB (MHW) 386 GMA 104° 6.0 NM to Mount Washington Rgnl. 1425/17W. NDB unmonitored.

L-32H

NDB unusable:

Byd 15 NM blo 9,000'

MANCHESTER (MHT)(KMHT) 3 S UTC-5(-4DT) N42°55.97' W71°26.15'

266 B LRA Class I, ARFF Index C NOTAM FILE MHT

NEW YORK

H-11D, 12K, L-32H, 33D

IAP, AD

RWY 17-35: H9250X150 (ASPH-GRVD) S-200, D-300, 2S-175,
2D-350 PCN 90 F/C/W/T HIRL CL

RWY 17: MALSR, TDZL, PAPI(P4R)—GA 3.1° TCH 67'. RVR-TMR Thld
dsplcd 336'. Pole, 0.3% up.

RWY 35: ALSF2, TDZL, PAPI(P4L)—GA 3.0° TCH 68'. RVR-TMR Thld
dsplcd 850'. Bldg, 0.8% down.

RWY 06-24: H7651X150 (ASPH-GRVD) S-200, D-300, 2S-175,
2D-350 PCN 90 F/C/W/T HIRL CL 0.3% up NE

RWY 06: REIL, PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Thld dsplcd
442'. Trees.

RWY 24: REIL, PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7650 TODA-7650 ASDA-7650 LDA-7208

RWY 17: TORA-9250 TODA-9250 ASDA-9250 LDA-8914

RWY 24: TORA-7650 TODA-7650 ASDA-6850 LDA-6850

RWY 35: TORA-9250 TODA-9250 ASDA-8500 LDA-7650

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 3

AIRPORT REMARKS: Attended continuously. No touch and go lds during snow removal opr. NS ABTMT procedures, turbojet acft should expect a rgt turn when departing Rwy 17. Twy A safety area south of Twy E to Twy P is 65' on the west side. Twy C clsd west of Twy A due to construction indef. Jet acft taxiing westbound across Rwy 17-35 at Twy C, Twy D and Twy E must use caution low settings due to lgt acft parked on the east ramp. No taxiing between pushed back acft and the airline terminal or cargo ramps. Acft not permitted to taxi between airline terminal bldg and acft that have pushed back or are taxiing on Twy G or Twy N. Air carrier acft only permitted to opr on airline terminal ramp. Air carriers excluded from Twy L. Acft with wingspan greater than 145' rstd from Twy G and Twy N. Customs ramp rstd to acft with wingspan less than 118'. Acft are req to maintain taxilane centerline to avoid parked general aviation acft tiedowns. Acft with wingspan 118' or greater req ground crew assistance for taxi and parking. Ldg fee. U.S. Customs user fee arpt.

AIRPORT MANAGER: 603-624-6539

WEATHER DATA SOURCES: ASOS 119.55 (603) 621-1766, LAWRS.

COMMUNICATIONS: ATIS 119.55 603-621-1766 UNICOM 122.95

RCO 122.1R 114.4T (BANGOR RADIO)

Ⓡ BOSTON APP/DEP CON 124.9

TOWER 121.3 GND CON 121.9 CLNC DEL 135.9

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

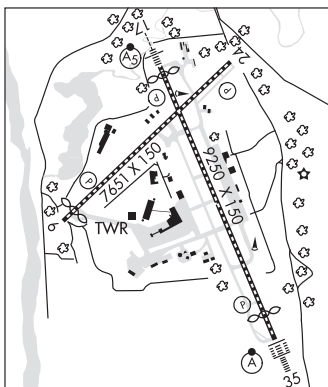
(L) VOR/DME 114.4 MHT Chan 91 N42°52.11' W71°22.17' 338° 4.8 NM to fld. 470/15W.

FITZY NDB (LOMW) 209 MJ N42°51.85' W71°31.73' 060° 5.8 NM to fld. 234/15W.

ILS 109.95 I-MJE Rwy 06. Class II. LOM FITZY NDB.

ILS/DME 109.1 I-MNA Chan 28 Rwy 17. Class IE. DME also serves Rwy 35.

ILS/DME 109.1 I-MHT Chan 28 Rwy 35. Class IIIE. DME also serves Rwy 17.



MOULTONBORO (5M3) 1 NE UTC-5(-4DT) N43°46.10' W71°23.20'

NEW YORK
L-32H

571 B NOTAM FILE BGR

RWY 02-20: H3475X50 (ASPH) S-8 LIRL(NSTD)

RWY 02: Thld dspcld 440'. Trees.

RWY 20: Thld dspcld 145'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE NSTD LIRL Rwy 02-20, windsock lgt and rotating brn—CTAF. 5 clicks on and 3 clicks off.

AIRPORT REMARKS: Attended May-Nov, Mon-Fri 1400-2300Z†. 24 hr self-svc fuel avbl with credit card. Wildlife on and invof arpt. Numerous non-radio equipped acft opr from afld. Rwy 02 designated calm wind rwy. Rwy 02 p-line along road marked with red balls. Rwy 02-20 NSTD LIRL, lghts are 4' high, lghtd only between dspcld thlds variable spacing 2890' of rwy lghtd. Rwy thld lighting NSTD. Clear lenses only. Rwy 02 NSTD rwy and dspcld thld area markings. Rwy 20 NSTD rwy markings, no dspcld thld area markings. Float plane access to and from Berry Pond. Courtesy cars avbl.

AIRPORT MANAGER: 603-986-7338

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

CONCORD (L) VOR/DME 112.9 CON Chan 76 N43°13.19'

W71°34.53' 029° 33.9 NM to fld. 715/15W. **HIWAS.**

VORTAC unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

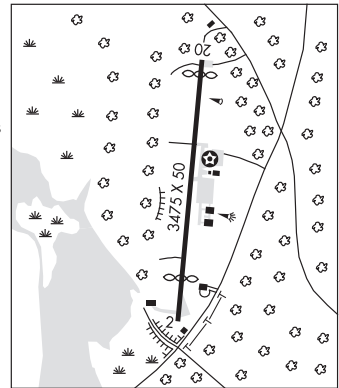
318°-326° byd 30 NM blo 12,000'

DME unusable:

022°-032° byd 20 NM blo 8,000'

082°-110° byd 30 NM blo 5,000'

290°-300° byd 30 NM blo 7,000'



MOUNT WASHINGTON RGNL (See WHITEFIELD on page 151)

NASHUA

BOIRE FLD (ASH)(KASH) 3 NW UTC-5(-4DT) N42°46.94' W71°30.85'

NEW YORK
H-11D, 12K, L-33C
IAP, AD

200 B TPA—See Remarks NOTAM FILE ASH

RWY 14-32: H6000X100 (ASPH) S-62, D-80, 2S-102, 2D-133

HIRL

RWY 14: MALSR. PAPI(P4R)—GA 3.0° TCH 45'. Trees.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dspcld 350'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6000 TODA-6000 ASDA-5650 LDA-5650

RWY 32: TORA-6000 TODA-6000 ASDA-6000 LDA-5650

SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 2, 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwy 14, REIL Rwy 32, PAPI Rwy 14, HIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1200-0200Z†. Migratory birds and wildlife on and invof arpt. TPA—for light acft is 1200 (1000) and for jet and heavy acft is 1700 (1500). Arpt has voluntary NS ABTMT procedures ctc arpt manager for details. Ramp between Twy D and Twy E clsd to acft with wingspan greater than 48', unless authorized by ATCT. Rwy 32 VGSI and descent angles not coincident. Ldg fee for acft over 12,500 lbs, \$1.10 per 1,000 lbs.

AIRPORT MANAGER: 603-882-0661

WEATHER DATA SOURCES: AWOS-3PT 125.1 (603) 578-0473.

COMMUNICATIONS: CTAF 133.2 ATIS 125.1

Ⓡ **BOSTON APP/DEP CON** 124.9 **GND CON** 121.8 (When twr clsd)

CLNC DEL 121.8 (When twr clsd)

NASHUA TOWER 133.2 (1200-0200Z†) **GND CON** 121.8

CLNC DEL 121.8

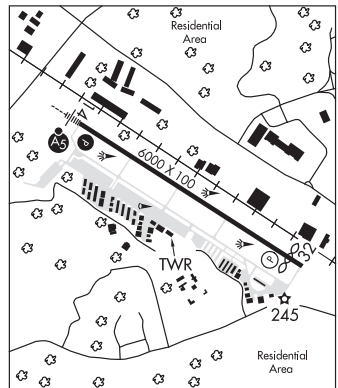
AIRSPACE: CLASS D svc 1200-0200Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

MANCHESTER (L) VOR/DME 114.4 MHT Chan 91 N42°52.11' W71°22.17' 246° 8.2 NM to fld. 470/15W.

CHERN NDB (MHW/LOM) 359 AS N42°49.40' W71°36.13' 138° 4.6 NM to fld. 217/16W. NOTAM FILE ASH.

ILS 109.7 I-ASH Rwy 14. Class IA. LOM **CHERN NDB.** Glideslope unusable byd 4° left of course.



NEWFOUND VALLEY (See BRISTOL on page 138)

NEWPORT

PARLIN FLD (2B3) 2 N UTC-5(-4DT) N43°23.23' W72°11.26'

783 B NOTAM FILE BGR

RWY 18-36: H3448X50 (ASPH) S-12 LIRL(NSTD) 0.3% up N

RWY 18: Thld dspclcd 400'. Trees. Rgt tfc.

RWY 36: Thld dspclcd 300'. Trees.

RWY 12-30: 2140X80 (TURF) 0.3 % up SE

RWY 12: Trees. Rgt tfc.

RWY 30: Trees.

SERVICE: S4 FUEL 100LL OX 1, 2, 3, 4 LGT Rotating bcn OTS infef.

AIRPORT REMARKS: Attended irregularly. Self svc fuel avbl 24 hrs with credit card. Wildlife on and invof arpt. P-line marked with orange balls at arpt boundary 900' from AER 30. NS ABTMT procedures in effect. Avoid noise sensitive area 3000' northwest of arpt. Ctc arpt manager at 978-886-0854. Rwy 18 end indicators NSTD reflector bars. Rwy 18-36 LIRL NSTD for spacing. Courtesy bikes avbl, camp sites avbl on arpt.

AIRPORT MANAGER: (978) 886-0854

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 134.7

RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73'

W72°12.96' 191° 17.5 NM to fld. 1443/15W.

VOR portion unusable:

095°-115° byd 30 NM blo 7,000'

DME portion unusable:

045°-075° byd 36 NM blo 10,000'

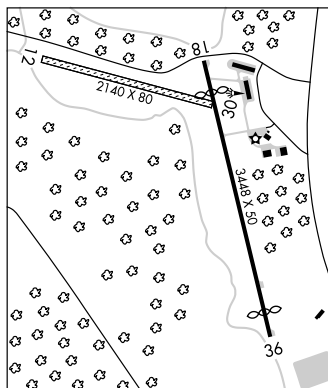
091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'

NEW YORK

L-32G

IAP



PARLIN FLD (See NEWPORT on page 148)

PEASE N43°05.07' W70°49.92' NOTAM FILE PSM.

(L) VOR/DME 116.5 PSM Chan 112 at Portsmouth Intl at Pease. 99/16W.

DME unusable:

029°-071° byd 35 NM blo 2,500'

080°-085° byd 35 NM blo 2,500'

115°-120° byd 37 NM blo 2,500'

190°-205° byd 35 NM blo 2,500'

225°-240° byd 25 NM blo 2,500'

VOR unusable:

010°-019° byd 30 NM blo 6,000'

080°-085° byd 35 NM blo 2,500'

NEW YORK

H-11D, 12K, L-32H, 33D

PLYMOUTH MUNI (1P1) 3 NW UTC-5(-4DT) N43°46.70' W71°45.23'

506 NOTAM FILE BGR

RWY 12-30: 2347X90 (TURF)

RWY 12: Road.

RWY 30: Thld dspclcd 298'. Road.

AIRPORT REMARKS: Attended irregularly. Call 603-536-1731. Wildlife on and invof arpt. Rwy 12-30 soft in spring, not maintained in winter. Rwy 12-30 strip soft in spring. Not maintained in winter but open to ski craft. Please call ahead. Twy and transient parking on north side of rwy. Ultralight and paraglider activity on and invof arpt. Heavy powered parachute and weight shift control acct activity in rgt tfc below 400' AGL. Ctc 603-494-1607 for info. Rwy 12-30 has 1161' MSL mountain 1.5 NM north of Rwy 30 left of centerline. Rwy 12-30 edges and ends marked by yellow cones. Rwy 30 dspclcd thld marked by three yellow cones aligned perpendicular to each rwy edge. +3' drainage swales located 15' from rwy edge, both sides of rwy beginning at midfield then west for 700'. Numerous non-radio equipment acct operating from afld.

AIRPORT MANAGER: (603) 536-5818

WEATHER DATA SOURCES: AWOS-3 118.45 (603) 536-1698.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK

PORTSMOUTH INTL AT PEASE (PSM)(KPSM) P (ANG) 1 W UTC-5(-4DT) N43°04.68' W70°49.40'

NEW YORK
H-11D, 12K, L-32H, 33D
IAP, AD

100 B TPA—See Remarks LRA Class I, ARFF Index E NOTAM FILE PSM

RWY 16-34: H11321X150 (ASPH-CONC-GRVD) S-75, D-209, 2D-400, 2D/2D2-850 HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 70'. RVR-T Thld splcd 803'. Trees. Rgt tfc. 0.3% down.

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 62'. RVR-T

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-11321 TODA-11321 ASDA-11321 LDA-10518

RWY 34: TORA-11321 TODA-11321 ASDA-11321 LDA-11321

SERVICE: S4 FUEL 100LL, JET A, J8 OX 3, 4 JASU (A/M 32A-86) 9(AM32-95) 5(MA-1A) FUEL J8(Mil) (avbl at ANG 603-430-2459) A, A+ (C603-812-5502; overnight C603-812-5502) (NC-100LL) FLUID PRESAIR De-Ice LHOX OIL O-148 SOAP TRAN ALERT Maint and parts support extremely ltd. No fleet svc avbl. No drag chute repack. Nml hr 1200-2100Z‡ Mon-Fri, exc hol.

AIRPORT REMARKS: Attended continuously. Birds on and invof apt.

Turbulence AER 34 in strong cross winds. 1,000' by 200' paved ovrn each end of Rwy 16-34. Rwy 34 is preferred when tail wind component is less than 5 kts. Rwy 16 is preferred for tkf btn 0300-1159Z‡, when tail wind component is 5 kts or less. All inbnd acft with hazardous cargo info call twr 60 NM out. Customs 24x7x365 customs clearing availability. Stnd ofc hrs Mon-Fri 1400-2130Z‡. Customs must be arranged in advance at 603-422-0910. Intl arr must arrange for gnd handling prior to arr. FBO 603-430-1111/128.825 ARINC. No practice low apch or touch and go ldg 0400-1200Z‡ for lcl based acft and 0200-1200Z‡ for tran acft or before 1700Z‡ Sun for all acft. Dur snow removal ops PPR 15 minutes on 128.4 and no practice low apch or touch and go ldg. On other than a published IAP arr acft should establish themselves on final apch at least 2 NM from the rwy thld at a minimum of 700' MSL. Littlebrook Airpark lctd 052° 4.4 NM, TPA-1130' MSL. Rectangular TPA-1600(1500), overhead TPA-2100(2000), lgt acft 1100(1000). Fly downwind leg no closer than 1/2 mile from rwy. Noise sensitive areas off both end of rwy. Avoid close in base legs/short apchs. On dep maintain rwy hdg to 1100' MSL or the end of the rwy (whichever occurs last) prior to turning. Rwy 16-34 first 1000' both ends conc-grvd, remainder is asph-grvd. No 180° turns for acft over 12,500 lbs GWT on asph portion of Rwy 16-34. Rwy 16-34 double faced distance markers both sides of rwy at 1000' intervals. Rwy 16-34 edge lghts are 24" tall, 85' from cntrln.

AIRPORT MANAGER: 603-433-6536

COMMUNICATIONS: ATIS 132.05 603-334-6070 UNICOM 122.95

Ⓡ BOSTON APP/DEP CON 125.05

TOWER 128.4 GND CON 120.95

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.

PEASE (L) VOR/DME 116.5 PSM Chan 112 N43°05.07' W70°49.92' at fld. 99/16W.

DME unusable:

029°-071° byd 35 NM blo 2,500'

080°-085° byd 35 NM blo 2,500'

115°-120° byd 37 NM blo 2,500'

190°-205° byd 35 NM blo 2,500'

225°-240° byd 25 NM blo 2,500'

VOR unusable:

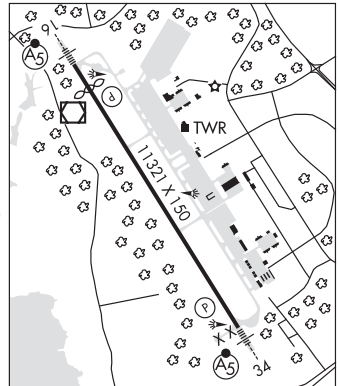
010°-019° byd 30 NM blo 6,000'

080°-085° byd 35 NM blo 2,500'

ILS 110.1 I-PGQ Rwy 16. Class IA.

ILS 110.1 I-PSM Rwy 34. Class IB.

PAR



ROCHESTER**SKYHAVEN** (DAW)(KDAW) 3 SE UTC-5(-4DT) N43°17.05' W70°55.77'

NEW YORK

322 B TPA—1122(800) NOTAM FILE DAW

L-32H

RWY 15-33: H4201X75 (ASPH) S-30 MIRL 0.5% up SE

IAP

RWY 15: REIL. Trees.**RWY 33:** ODALS. PAPI(P4L)—GA 3.0° TCH 43'. Trees. Rgt tfc.**SERVICE:** S2 **FUEL** 100LL **LGT** ACTIVATE ODALS Rwy 33, REIL Rwy 15, PAPI Rwy 33, MIRL Rwy 15-33, wind cone lgt—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1230-2100Z±, exc holidays.

Self-serve 100LL avbl 24 hrs with credit card system. Deer on and invof arpt after sunset. Rwy 33 designated calm wind rwy. Ultralight, antique, and non-radio tfc in good wx. Rotating bcn located 3000' northwest of arpt.

AIRPORT MANAGER: 603-433-6536**WEATHER DATA SOURCES:** ASOS 135.275 (603) 332-7814.**COMMUNICATIONS:** CTAF/UNICOM 122.7**WATERBORO RCO** 122.25 (BANGOR RADIO)Ⓡ **BOSTON APP/DEP CON** 125.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSM.**PEASE (L) VOR/DME** 116.5 PSM Chan 112 N43°05.07'

W70°49.92' 356° 12.7 NM to fld. 99/16W.

DME unusable:

029°-071° byd 35 NM blo 2,500'

080°-085° byd 35 NM blo 2,500'

115°-120° byd 37 NM blo 2,500'

190°-205° byd 35 NM blo 2,500'

225°-240° byd 25 NM blo 2,500'

VOR unusable:

010°-019° byd 30 NM blo 6,000'

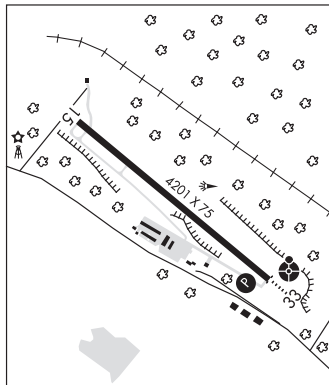
080°-085° byd 35 NM blo 2,500'

ROLLINS NDB (MHW) 260 ESG N43°13.22' W70°49.70' 327° 5.9 NM to fld. 77/16W. NOTAM FILE BGR.

ots indef

NDB unusable:

Byd 10 NM

**ROLLINS** N43°13.22' W70°49.70' NOTAM FILE BGR.

NEW YORK

NDB (MHW) 260 ESG 168° 5.2 NM to Littlebrook Air Park. 77/16W.

L-32H, 33D

ots indef

NDB unusable:

Byd 10 NM

SKYHAVEN (See ROCHESTER on page 150)**TWIN MOUNTAIN** (8B2) 1 SW UTC-5(-4DT) N44°15.84' W71°32.80'

MONTREAL

1459 NOTAM FILE BGR

L-32H

RWY 09-27: H2660X60 (ASPH) S-8.5 LIRL**RWY 09:** Trees.**RWY 27:** Trees.**SERVICE:** **LGT** Rwy lgts OTS indef.**AIRPORT REMARKS:** Attended irregularly. Nov-Mar unattended. Arpt not plowed in winter. For information call 603-846-5505.

Wildlife on and invof arpt. Rwy markings faded. No centerline markings. Acft are requested to stay on paved surfaces only.

AIRPORT MANAGER: 603-846-5505**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (L) VOR/DME** 110.8 MPV Chan 45 N44°05.13' W72°26.96' 090° 40.4 NM to fld. 2080/16W.

WHITEFIELD**MOUNT WASHINGTON RGNL** (HIE)(KHIE) 3 E UTC-5(-4DT) N44°22.05' W71°32.75'**MONTREAL**

1072 B TPA—3072(2000) NOTAM FILE HIE

L-32H

RWY 10-28: H4001X75 (ASPH) S-30 MIRL 0.6% up E

IAP

RWY 10: REIL. PAPI(P4L)—GA 3.5° TCH 45'. Trees.**RWY 28:** REIL. Trees. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL **LGT** Rwy 10 rwy end lgts OTS indef. **ACTIVATE** MIRL Rwy 10-28, REIL Rwy 10 and Rwy 28 and PAPI Rwy 10—CTAF.**AIRPORT REMARKS:** Attended irregularly, call manager 603-991-4493. Self-serve fuel avbl 24 hrs with credit card. Wildlife on and invof arpt. Cold temperature rstd arpt. Altitude correction required at or blo -24C. Ldg fee for all commercial acft.**AIRPORT MANAGER:** (603) 991-4493**WEATHER DATA SOURCES:** ASOS 118.525 (603) 837-2769.**COMMUNICATIONS:** CTAF/UNICOM 122.8**WHITEFIELD RCO** 122.4 (BANGOR RADIO)® **BOSTON CENTER APP/DEP CON** 135.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (L) VOR/DME** 110.8 MPV Chan 45 N44°05.13' W72°26.96' 082° 42.5 NM to fld. 2080/16W.**MAHN NDB (MHW)** 386 GMA N44°21.74' W71°41.15' 104° 6.0 NM to fld. 1425/17W. NOTAM FILE HIE. NDB unmonitored.

NDB unusable:

Byd 15 NM blo 9,000'

AEROFLEX-ANDOVER (See ANDOVER on page 152)

ALEXANDRIA (See PITTSTOWN on page 170)

ANDOVER
AEROFLEX-ANDOVER (12N) 2 N UTC-5(-4DT) N41°00.52' W74°44.28'

NEW YORK

583 B TPA-1600(1017) NOTAM FILE 12N

L-33A, 34H

RWY 03-21: H1981X50 (ASPH) MIRL

IAP

RWY 03: Trees. Rgt tfc.

RWY 21: Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 03-21-122.85.

AIRPORT REMARKS: Attended Apr-Nov 1400-2300Z, Dec-Mar 1300-2200Z. Parallel turf rwy rstd use only. No touch and go lds. Deer and birds on and invof arpt. PPR required for ngt trans ctc arpt manager 973-786-5100. Avoid overflying Lake Lenape while on downwind. Arpt rstd to apch category A acft only. Rwy 03-21 lakes at both apch ends. Dirt svc road to terminal area in front of Rwy 03 thld. NS ABTMT procedures in effect ctc arpt manager 973-786-5100.

AIRPORT MANAGER: 973-786-5100**COMMUNICATIONS:** CTAF/UNICOM 122.8

STILLWATER RCO 122.1R 109.6T (MILLVILLE RADIO)

Ⓡ NEW YORK APP/DEP CON 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75' W74°52.14' 094° 6.0 NM to fld. 920/11W.

DME unusable:

089°-099° within 12 NM blo 10,000'

210°-320° byd 30 NM blo 4,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 800-645-3206.
TRINCA (13N) 3 SW UTC-5(-4DT) N40°57.96' W74°46.90'

NEW YORK

600 NOTAM FILE MIV

RWY 06-24: 1924X135 (TURF)

RWY 06: Trees. Rgt tfc.

RWY 24: Trees.

SERVICE: S2

AIRPORT REMARKS: Unattended. Arpt CLOSED SS-SR. Deer, birds and other wildlife on and invof arpt. Trees and powerlines located south of Rwy 06. Poor rwy conditions during periods of rain. No ldg/tkofs without skis when rwy is snow, slush or ice covered. All acft follow manufacturer's recommended procedures for quiet ops. No facilities avbl for overnight transients. Traffic Pattern activity, after 2200Z on weekdays and between 1400Z and 1800Z on weekends and holidays, limited to 3 circuits.

AIRPORT MANAGER: (908) 370-1119**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 800-645-3206.

ATLANTIC CITY INTL (ACY)(KACY) P (ANG) 9 NW UTC-5(-4DT) N39°27.46' W74°34.63'
 75 B Class I, ARFF Index C NOTAM FILE ACY

WASHINGTON
 H-101, 121, L-34G
 IAP, AD

RWY 13-31: H10000X150 (ASPH-GRVD) S-85, D-120, 2S-152, 2D-350 PCN 78 F/A/W/T HIRL CL
RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TR Road.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 69'. RVR-TR Antenna.
RWY 04-22: H6144X150 (ASPH-CONC-GRVD) S-75, D-175, 2S-175, 2D-400, 2D/2D2-900 PCN 62 R/A/W/T HIRL
RWY 04: PAPI(P4L)—GA 3.0° TCH 47'. Tree.
RWY 22: VASI(V4L)—GA 3.0° TCH 51'. Trees.

LAND AND HOLD—SHORT OPERATIONS

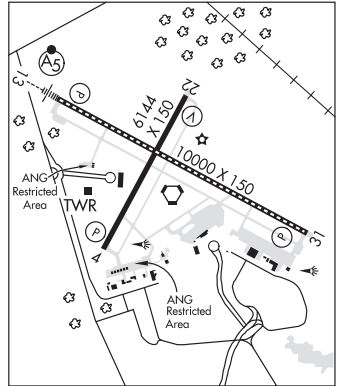
LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 04	13-31	3550
RWY 13	04-22	3600
RWY 31	04-22	5750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-6144 TODA-6144 ASDA-6144 LDA-6144
RWY 13: TORA-10000 TODA-10000 ASDA-10000 LDA-10000
RWY 22: TORA-6144 TODA-6144 ASDA-6144 LDA-6144
RWY 31: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

ARRESTING GEAR/SYSTEM

RWY 13 BAK-14 BAK-12B (B) (1600')



BAK-14 BAK-12B (B) (1600') RWY 31

SERVICE: S3 FUEL 100LL, JET A OX3 **MILITARY— A-GEAR** Avoid centerline lgt dur cable engagement to prevent tailhook bounce. **FUEL** A++(MIL) (NC-100LL, A) **OIL** JOAP(Mil) **TRAN ALERT** Ltd maint and prk.

AIRPORT REMARKS: Attended continuously. No training flts 0400-1200Z†. A-Gear Rwy 31 located 1600' from thld, ctc twr for ops. Avoid centerline lights during cable engagement to prevent tailhook bounce. Deer, fox and birds on and in/ov arpt. Twy B has NSTD twy markings between Twy J and Twy K. Twy C clsd to dual tandem and double tandem equipped acft. Experimental heliport located on N side of arpt rstd to use of FAA project acft only. High performance mil acft opr at arpt. NS ABTMT procedures in effect ctc arpt ops at 609-645-7895 extension 2002. FAA apron PPR call 609-485-6482. US Customs user fee arpt. Customs avbl Mon-Fri 1300-2200Z†. Provide minimum 24 hr advance notice to arrange for Customs. All calls to Customs Mon-Fri 1300-2200Z†, phone 609-484-1610. U.S. Customs fax 609-484-614. Ldg fee. Parking fee.

MILITARY REMARKS: ANG BASH Phase II in effect Apr thru Oct, ctc base ops on 261.0 or 140.7 for current BASH condition. PPR, ctc ANG base ops C609-761-6009, fax C609-761-6484, command post C609-761-6001. Ltd tran svc avbl 1100-2300Z† Tue-Fri, clsd Sat-Mon and hol. NSTD mark on ANG ramp, blue lines delineate F-16 wing tip clnc, yellow lines at hangar doors for personnel clear zone.

AIRPORT MANAGER: 609-645-7895

COMMUNICATIONS: ATIS 125.725 (609-485-4444)

RCO 122.55 (MILLVILLE RADIO)

Ⓡ **APP/DEP CON** 134.25 (310°-129°) 124.6 (130°-309°)

TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 127.85

ANG OPS 140.7

AIRSPACE: CLASS C svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

(L) **VORTACW** 108.6 ACY Chan 23 N39°27.35' W74°34.58' at fld. 67/10W.

VORTAC unusable:

290°-300° byd 10 NM blo 4,000'

VOR portion unusable:

301°-355° byd 35 NM blo 2,000'

ILS/DME 109.1 I-PVO Chan 28 Rwy 13. Class IT.

ILS/DME 109.1 I-ACY Chan 28 Rwy 31. Class IE.

ASR

BELMAR/FARMINGDALE**MONMOUTH EXECUTIVE** (BLM)(KBLM) 5 W UTC-5(-4DT) N40°11.21' W74°07.47'

NEW YORK

153 B TPA—994(841) NOTAM FILE BLM

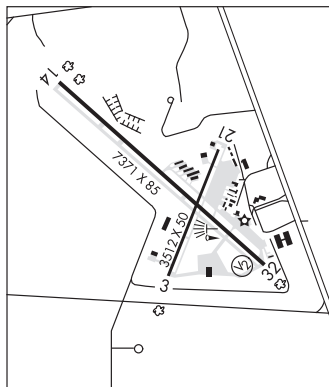
H-101, 12J, L-34H

RWY 14-32: H7371X85 (ASPH) MIRL(NSTD) 0.6% up SE

IAP

RWY 14: REIL. Trees.**RWY 32:** REIL. PVASI(PSIL). Trees.**RWY 03-21:** H3512X50 (ASPH)**RWY 03:** Trees.**RWY 21:** Tree.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** To prearrange for rwy lgts after 0400Z‡ call 732-751-0044.

AIRPORT REMARKS: Attended 1100-0300Z‡. Self svc 100LL avbl 24 hrs. Jet A avbl 24 hrs. Deer and birds on and invof arpt. Rwy 03-21 clsd to acct over 12,500 lbs. No helicopter activity northeast of Rwy 14. Helicopter instruction by pre-arrangement only 732-938-4800. Rwy 14-32 first 575' at AER 32 85' wide, remainder Rwy 14-32 100' wide. Rwy 14-32 NSTD twy separation 185'. Berm 36' high, north Rwy 14-32 65' from centerline. Loose grvl and broken asph in ramp area east side of arpt. No touch and go lds Fri, Sat, Sun. Twys NSTD markings, rwy hold markings on twys NSTD placement. Twy lines do not ensure wingtip/rotor clnc at NW end of parallel twy. Rwy 14-32 NSTD MIRL, REIL Rwy 32 not collocated at rwy thld. Rwy 32 thld lgts NSTD. Rwy 14 thld lights NSTD placement 245' before thld bar. Ldg fee.

**AIRPORT MANAGER:** 732-938-4800**WEATHER DATA SOURCES:** AWOS-3PT 121.625 (732) 938-3330.**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **MC GUIRE APP/DEP CON** 124.15**CLNC DEL** 126.15**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COLTS NECK (L) VORW/DME** 115.4 COL Chan 101 N40°18.70' W74°09.58' 179° 7.7 NM to fld. 129/11W.

VOR portion unusable:

031°-179° byd 15 NM blo 6,000'

230°-240° byd 18 NM

241°-329° byd 15 NM blo 3,000'

351°-030° byd 30 NM blo 3,000'

Byd 30 NM blo 6,000'

DME portion unusable:

230°-240° byd 18 NM

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 103° 17.1 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

135°-170° byd 27 NM blo 5,000'

150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'

LOC/DME 109.75 I-BLM Chan 34(Y) Rwy 14. DME OTS indef. LOC unmonitored 2300-1100Z‡ dly. LOC OTS indef.

BERLIN

CAMDEN CO (19N) 1 SW UTC-5(-4DT) N39°46.71' W74°56.87'

150 B TPA—1150(1000) NOTAM FILE MIV

RWY 05-23: H3094X45 (ASPH) MIRL 0.3% up SW

RWY 05: REIL. PVASI(PSIR)—GA 4.0° TCH 23'. Thld dsplcd 740'.

Trees.

RWY 23: PVASI(PSIR)—GA 4.0° TCH 40'. Thld dsplcd 239'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 05 VGSi OTS indef. Rwy 23

VGSi OTS indef. ACTIVATE MIRL Rwy 05-23, REIL Rwy 05 and bcn—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. Unattended Christmas and New Years Day. Deer on and invof arpt. Trees along NW side of Rwy 05-23. NSTD twy light spacing.

AIRPORT MANAGER: 856-767-1233

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ MC GUIRE APP/DEP CON 124.15

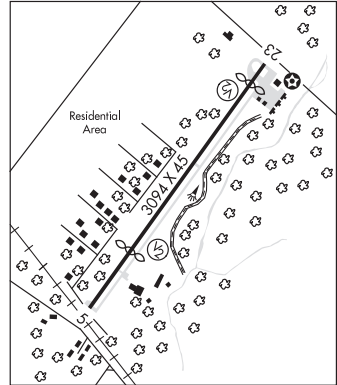
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26' W74°58.03' 014° 14.5 NM to fld. 120/10W.

WASHINGTON

L-34G, A

IAP



BLAIRSTOWN (1N7) 2 SW UTC-5(-4DT) N40°58.27' W74°59.85'

372 B TPA—1402(1030) NOTAM FILE MIV

RWY 07-25: H3112X70 (ASPH) MIRL

RWY 07: Thld dsplcd 318'. Trees.

RWY 25: Thld dsplcd 235'. Trees.

SERVICE: S4 FUEL 100LL OX 2 LGT ACTIVATE MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended 1200-2300Z. 24 hr self svc fuel. Gliders and tow airplanes opr from turf area just south of Rwy 07-25. Hill east of arpt may require pilots execute steep apch to Rwy 25.

AIRPORT MANAGER: 908-362-8965

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ NEW YORK APP/DEP CON 127.6 (from EAST)

Ⓡ ALLENTOWN APP/DEP CON 124.45 (from WEST)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75'

W74°52.14' 267° 6.0 NM to fld. 920/11W.

DME unusable:

089°-099° within 12 NM blo 10,000'

210°-320° byd 30 NM blo 4,000'

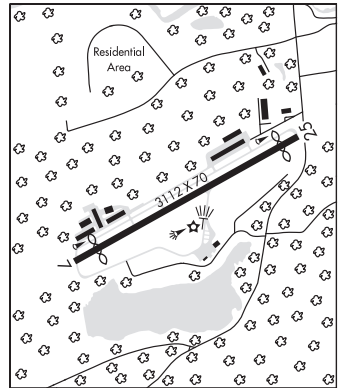
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at

800-728-6322.

NEW YORK

L-33A, 34H

IAP



BRIDGETON

BUCKS (ØØN) 3 NE UTC-5(-4DT) N39°28.38' W75°11.07'

108 TPA—1008(900) NOTAM FILE MIV

RWY 18-36: 1900X150 (TURF) LIRL 0.5% up N

RWY 18: Tree.

RWY 36: Tree.

SERVICE: LGT LIRL Rwy 18-36 call 609-649-3752.

AIRPORT REMARKS: Unattended. Arpt clsd to all tran acct Jan 1-Apr 1 because of soft rwy conditions, for PPR call 856-466-3596.

AIRPORT MANAGER: (609) 649-3752

COMMUNICATIONS: CTAF 122.9

WASHINGTON

BROADWAY N40°47.91' W74°49.31' NOTAM FILE MIV.
(L) **VOR/DME** 114.2 BWZ Chan 89 157° 12.4 NM to Somerset. 1050/11W.

NEW YORK
H-101, L-33A, 34H

VOR portion unusable:
125°-180° byd 15 NM blo 5,000'
125°-240° blo 3,000'
180°-210° byd 15 NM
210°-235° byd 15 NM blo 5,000'

DME portion unusable:
297°-307° byd 20 NM blo 6,000'
297°-307° byd 32 NM blo 8,000'

RCO 122.35 (MILLVILLE RADIO)

BUCKS (See BRIDGETON on page 155)

CALDWELL

ESSEX CO (CDW)(KCDW) 2 N UTC-5(-4DT) N40°52.51' W74°16.88'

172 B TPA—See Remarks NOTAM FILE CDW

RWY 04-22: H4552X80 (ASPH) S-30 HIRL

RWY 04: Thld dsplcd 375'. Tree.

RWY 22: REIL. PAPI(P4R)—GA 3.0° TCH 42'. Thld dsplcd 134'. Trees. Rgt tfc.

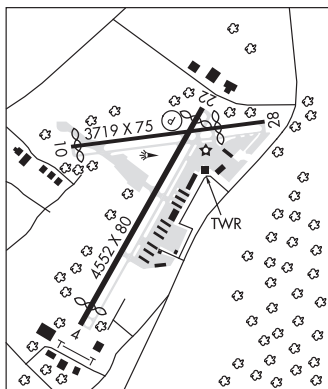
RWY 10-28: H3719X75 (ASPH) S-12.5 MIRL

RWY 10: Thld dsplcd 180'. Tree.

RWY 28: Thld dsplcd 822'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4 LGT** When twr clsd MIRL Rwy 10-28 and HIRL Rwy 04-22 preset med ints. REIL Rwy 22 avbl high ints only. **ACTIVATE** HIRL Rwy 04-22 and REIL Rwy 22—CTAF.

AIRPORT REMARKS: Attended 1200-0400Z†. Local ops suspended Mon-Sat 0400-1200Z† and 0400Z† Sat-1500Z† Sun. Turbo jet acft ldg and tkf rstd to Rwy 04-22, ldg Rwy 10-28 rstd to 12,500 lbs and below. Touch and go ldfs ltd to based acft only. Deer and birds on and in/ov arpt. NSTD traffic patterns for Rwy 04 prohibited due to noise sensitive area southwest of the arpt. TPA for large and turbojet acft 1699(1527), light acft 1199(1027). Fixed-wing VFR acft departure Rwy 04 from departure end rwy heading for 1 mile then if remaining in the pat turn to crosswind, if departing pat continue straight out or exit with a 45° left turn after reaching pat alt. Fixed-wing VFR acft departure Rwy 10 from departure end turn left heading 080° until 900' MSL then if remaining in the pat turn to crosswind, if departing pat continue straight out or exit with a 45° left turn after reaching pat alt. Fixed-wing VFR acft departure Rwy 22 from departure end turn right heading 230° until 900' MSL then if remaining in the pat turn to crosswind, if departing pat continue straight out or exit with a 45° rgt turn after reaching pat alt. Fixed-wing VFR acft departure Rwy 28 from departure end rwy heading for 1 mile then if remaining in the pat turn to crosswind, if departing pat continue straight out or exit with a 45° right turn after reaching pat alt. Pilots be alert the Teterboro VOR/DME or GPS-A, the Passaic River visual Rwy 06 and Cedar Grove visual Rwy 01 apchs transit Essex Co arpt Class D airspace. Tfc passes north of the arpt descending from 3000' MSL to 2000' MSL. Pilots be alert the Morristown ILS and NDB or GPS Rwy 23 apchs transit Essex Co Class D airspace. Tfc passes 2 miles west of the arpt descending through 2000' MSL. Rwy 22 PAPI unusable byd 5° right of centerline due to obstruction. Ldg fee for all tran acft.



NEW YORK
COPTER
L-33A, 34H
IAP, AD

AIRPORT MANAGER: 973-227-4567

WEATHER DATA SOURCES: ASOS (973) 575-4417

COMMUNICATIONS: CTAF 119.8 ATIS 135.5 UNICOM 122.95

Ⓡ **NEW YORK APP CON** 127.6

CALDWELL TOWER 119.8 (1200-0400Z†) **GND CON** 121.9 **CLNC DEL** 121.1

Ⓡ **NEW YORK DEP CON** 119.2

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) VOR/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 290° 10.1 NM to fld. 3/11W.

DME portion unusable:
060°-080° byd 22 NM blo 2,500'

VOR/DME unusable:
081°-120° blo 4,000'
121°-180° blo 3,000'

LOC 109.35 I-CDW Rwy 22.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr. For Clnc Del ctc New York Apch at 800-645-3206.

CAMDEN CO (See BERLIN on page 155)

CAPE MAY CO (See WILDWOOD on page 180)

CEDAR LAKE N39°32.26' W74°58.03' NOTAM FILE MIV.
(L) VORTAC 115.2 VCN Chan 99 267° 3.8 NM to Kroelinger. 120/10W.
RCO 122.1R 115.2T (MILLVILLE RADIO)

WASHINGTON
H-101, L-34G, A

CENTRAL JERSEY RGNL (See MANVILLE on page 162)

CHATHAM N40°44.45' W74°25.79' NOTAM FILE MIV.
NDB (MHW) 254 CAT 024° 3.6 NM to Morristown Muni. 251/13W.

NEW YORK
L-338, 34H

COLTS NECK N40°18.70' W74°09.58' NOTAM FILE MIV.
(L) VORW/DME 115.4 COL Chan 101 179° 7.7 NM to Monmouth Executive. 129/11W.
VOR portion unusable:
031°-179° byd 15 NM blo 6,000'
230°-240° byd 18 NM
241°-329° byd 15 NM blo 3,000'
351°-030° byd 30 NM blo 3,000'
Byd 30 NM blo 6,000'
DME portion unusable:
230°-240° byd 18 NM
RCO 122.3 (MILLVILLE RADIO)

NEW YORK
H-101, L-34H

COYLE N39°49.04' W74°25.90' NOTAM FILE MIV.
(H) VORTAC 113.4 CYN Chan 81 054° 9.1 NM to Ocean Co. 204/10W.
RCO 122.1R 113.4T (MILLVILLE RADIO)

WASHINGTON
H-101, L-34G

CROSS KEYS (17N) 1 S UTC-5(-4DT) N39°42.33' W75°01.98'
162 B TPA-1000(838) NOTAM FILE MIV
RWY 09-27: H3500X50 (ASPH) S-13 LIRL(NSTD) 0.7% up E

WASHINGTON
L-34G, A
IAP

RWY 09: Trees. Rgt tfc.
RWY 27: Thld dsplcd 200'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT Rotating bcn on continuously.

AIRPORT REMARKS: Attended 1300-2200Z. Arpt unattended Thanksgiving, Christmas, New Year's Day and Easter. Parachute Jumping. Due to parachute drop zone on north side of arpt all tfc is to remain south of Rwy 09-27. Deer and birds on and in/ov arpt. Rwy 27 road, fence and trees near apch end. Rwy hold markings less than std displacement from rwy. Rwy 27 dsplcd thld marked with lgts. Rwy 09-27 NSTD LIRL. All lgt spacing NSTD. Rwy 09 no yellow caution zone lgts.

AIRPORT MANAGER: 856-629-3033

COMMUNICATIONS: CTAF/UNICOM 122.8

PHILADELPHIA APP/DEP CON 127.35 133.875

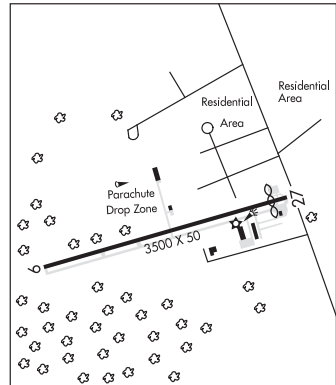
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WOODSTOWN (L) VORTAC 112.8 OOD Chan 75 N39°38.16'
W75°18.18' 082° 13.2 NM to fld. 140/10W.

TACAN AZIMUTH unusable:

Radial 352

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.



EAGLES NEST (See WEST CREEK on page 179)

ESSEX CO (See CALDWELL on page 156)

FLYING W (See LUMBERTON on page 161)

GREENWOOD LAKE (See WEST MILFORD on page 179)

HACKETTSTOWN (NØ5) 3 SW UTC-5(-4DT) N40°49.21' W74°51.31'

NEW YORK

670 NOTAM FILE MIV

RWY 05-23: H2200X50 (ASPH) S-5**RWY 05:** Tree.**RWY 23:** Tree.**SERVICE:** S2 FUEL 100LL**AIRPORT REMARKS:** Attended dawn-dusk.**AIRPORT MANAGER:** 908-852-4664**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 800-645-3206.**HAMMONTON MUNI** (N81) 3 NE UTC-5(-4DT) N39°40.05' W74°45.46'

WASHINGTON

65 B NOTAM FILE MIV

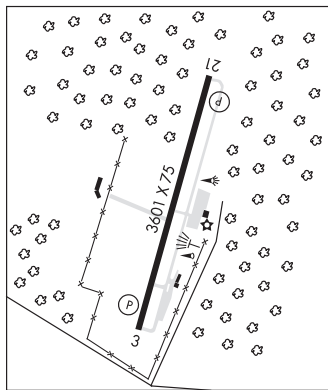
L-34G, A

RWY 03-21: H3601X75 (ASPH) S-12 MIRL

IAP

RWY 03: REIL. PAPI(P2L)—GA 3.5° TCH 25'. Trees.**RWY 21:** REIL. PAPI(P2L)—GA 3.25° TCH 20'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT PAPI Rwy 03 and Rwy 21 opr continuous. **ACTIVATE** REIL Rwy 03, Rwy 21; MIRL Rwy 03-21—123.5.**AIRPORT REMARKS:** Attended 1300Z±-dusk. On arpt ctc maintenance 609-774-3635. Be alert, deer invof arpt. Rwy 03 deep ditch parallel to first 500' of rwy on rgt side within 100' of centerline.**AIRPORT MANAGER:** 609-567-4300**WEATHER DATA SOURCES:** AWOS-AV 122.7.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ ATLANTIC CITY APP/DEP CON 134.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.**CEDAR LAKE (L) VORTAC** 115.2 VCN Chan 99 N39°32.26' W74°58.03' 061° 12.4 NM to fld. 120/10W.**JOBSTOWN****REDWING** (2N6) 1 S UTC-5(-4DT) N40°01.63' W74°41.45'

NEW YORK

78 TPA—803(725) NOTAM FILE MIV

RWY 06-24: 1830X50 (TURF)**RWY 06:** Trees.**RWY 24:** Road.**RWY 11-29:** 1590X70 (TURF) RWY LGTS(NSTD) 0.3% up E**RWY 11:** Trees. Rgt tfc.**RWY 29:** Tree.**SERVICE:** S2 LGT Rwy 11-29 NSTD RWY LGTS OTS indef.**AIRPORT REMARKS:** Attended irregularly. Night landings prohibited due to permanent reduction in length of Rwy 11-29.**AIRPORT MANAGER:** 609-298-6645**COMMUNICATIONS:** CTAF 122.9**JOINT BASE MC GUIRE DIX LAKEHURST** (See MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) on page 163)**KROELINGER** (See VINELAND on page 178)

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (NEL)(KNEL) N (A) 3 WNEW YORK
H-101, 121, L-34G
DIAF, AD

UTC-5(-4DT) N40°02.15' W74°21.08'

101 B NOTAM FILE MIV Not insp.

RWY 06-24: H5002X150 (ASPH) PCN 57 F/B/W/T HIRL**RWY 24:** ALSF1. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.**RWY 15-33:** H5001X150 (ASPH) PCN 57 F/B/W/T**RWY 15:** Rgt tfc.**RWY 063-243:** H3500X90 (CONC) PCN 48 R/B/W/T**SERVICE:** **MILITARY—LGT** Rot Bcn 110° 2 NM fr arpt. **FUEL A++** Avbl 1230-2330Z‡. **TRAN ALERT** Svc avbl 1230-2330Z‡ Mon-Fri. Advs prk Navy or Army line.**MILITARY REMARKS:** Opr Mon-Fri 1300-0100Z‡ extdd hr Mon-Wed 0100-0500Z‡ for participating C-17 and C-130 Assault Landing Zone (ALZ) Night Vision Device (NVD) and local NJ ANG/USMC ops only, clsd Sat, Sun and federal holidays except for scheduled UTA training. No acft opr will be approved outside these hrs without 48 hrs PPR. No wx personel avbl (no ASOS). No C-17 180° turns on the asphalt sfc of Rwy 15-33 and Rwy 06-24. Rwy 06-24 has 150 W X 180 L conc pads installed at the thlds for C-17 ops. **RSTD** PPR for all tran acft DSN 624-2758/4147, C732-323-2758/4147. Instrument apch not avbl during tethered Aerostat ops 3400' and blo (VMC only). **CAUTION** Deer and bird haz. **TFC PAT** Rgt tfc Rwy 15 and Rwy 24. **MISC** Class D airspace effective Mon-Wed 1200-0400Z‡, extdd hr Mon-Wed 0100-0500Z‡, first Sat each month 1300-0100Z‡. OT Class E.**AIRPORT MANAGER:** 609-754-2714**COMMUNICATIONS:** SFA ATIS 274.8**ROBBINSVILLE RCO** 122.1R 113.8T (MILLVILLE RADIO)® **MC GUIRE APP/DEP CON** 124.15 363.8**TOWER** 127.775 360.2 340.2 1300-1700Z‡ Mon-Wed, 1300-0100Z‡ Thu-Fri.**GND CON** 118.375 307.05**AIRSPACE:** **CLASS D** svc 1300-1700Z‡ Mon-Wed, 1300-0100Z‡ Thu-Fri other times class.e.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**(T) TACAN** Chan 55 NEL (111.8) N40°02.22' W74°21.19' at fld. 87/11W. TACAN unmonitored when field clsd.**NDB (MHW)** 396 NEL N40°02.69' W74°20.13' at fld. 127/11W. unmonitored 2400-1200Z‡ Mon-Fri, h24 Sat, Sun and federal hol.**ROBBINSVILLE (H) VORTAC** 113.8 RBV Chan 85 N40°12.14' W74°29.70' 156° 12.0 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

135°-170° byd 27 NM blo 5,000'

150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'

COLTS NECK (L) VORW/DME 115.4 COL Chan 101 N40°18.70' W74°09.58' 219° 18.7 NM to fld. 129/11W.

VOR portion unusable:

031°-179° byd 15 NM blo 6,000'

230°-240° byd 18 NM

241°-329° byd 15 NM blo 3,000'

351°-030° byd 30 NM blo 3,000'

Byd 30 NM blo 6,000'

DME portion unusable:

230°-240° byd 18 NM

LAKEWOOD (N12) 3 SE UTC-5(-4DT) N40°04.01' W74°10.65'

42 B TPA-842(800) NOTAM FILE MIV

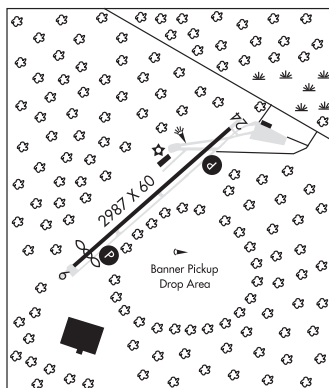
RWY 06-24: H2987X60 (ASPH) S-25 MIRL 0.3% up SW**RWY 06:** PAPI(P2R)—GA 3.0° TCH 15'. Thld dsplcd 261'. Trees.**RWY 24:** REIL. PAPI(P2L)—GA 3.0° TCH 42'. Road. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06-24 and PAPI Rwy 06 and Rwy 24—CTAF.**AIRPORT REMARKS:** Attended May-Oct 1300-0100Z†. Nov-Apr 1300-2300Z†. Deer on and invof arpt. Heavy banner towing ops Apr-Oct. Avoid overflying banner pickup and drop area southeast of Rwy 06-24.**AIRPORT MANAGER:** 732-363-6400**WEATHER DATA SOURCES:** AWOS-AV 122.8 (732) 363-6471.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **MC GUIRE APP/DEP CON** 124.15**GCO** 121.725 (MCGUIRE APCH)**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COYLE (H) VORTAC** 113.4 CYN Chan 81 N39°49.04'

W74°25.90' 048° 19.0 NM to fld. 204/10W.

NEW YORK

L-34H

IAP

**LINCOLN PARK** (N07) 2 N UTC-5(-4DT) N40°56.85' W74°18.87'

182 B TPA-1202(1020) NOTAM FILE MIV

RWY 01-19: H2942X40 (ASPH) HIRL**RWY 01:** Thld dsplcd 840'. Trees.**RWY 19:** PAPI(P2L)—GA 4.0° TCH 30'. Thld dsplcd 260'. Stack.**SERVICE:** S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTIVATE HIRL Rwy 01-19—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1400Z†-dusk. Unattended Sat-Sun. Deer and birds invof rwy. Touch and go ldgs prohibited. Narrow taxilanes and twys caused by NSTD clearances. Dsplcd thld lgts located 108' short of dsplcd thld markings.**AIRPORT MANAGER:** 973-628-7166**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **NEW YORK APP/DEP CON** 127.6**GCO** 121.725 (MILLVILLE RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**SPARTA (H) VORTACW** 115.7 SAX Chan 104 N41°04.05'

W74°32.30' 136° 12.5 NM to fld. 1400/11W.

VOR unusable:

075°-085° blo 6,500'

155°-165°

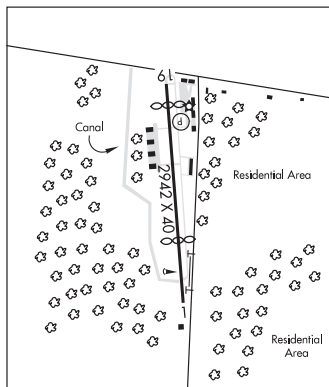
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 800-645-3206.

NEW YORK

COPTER

L-33A, 34H

IAP



LINDEN (LDJ)(KLDJ) 1 SE UTC-5(-4DT) N40°37.05' W74°14.68'

22 B TPA—See Remarks NOTAM FILE MIV

RWY 09-27: H4140X100 (ASPH) S-31.5, D-42 MIRL

RWY 09: REIL. VASI(V4R)—GA 3.8° TCH 60'. Thld dspcd 462'. Pole.

RWY 27: REIL. VASI(V4L)—GA 3.25° TCH 38'. Thld dspcd 541'. Antenna.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 09-27, VASI Rwy 09 and Rwy 27, and REIL Rwy 09 and Rwy 27—CTAF.

AIRPORT REMARKS: Attended Oct-Apr 1330-2300Z†, May-Sep 1200-0130Z†. Birds on and invof arpt. Touch and go ldg for base assigned acft, all others ctc arpt manager 908-862-8800 for PPR. TPA—800' MSL, Rwy 09 enter tfc pat upwind, entries other rwys standard. Main north twy clsd indef. Departing Rwy 27 depart straight out to 800'. NS ABTMT procedures in effect. Rwy 09 VASI is baffled to cut off the lgt beam at 6° each side of rwy centerline extended, total usable width is 12°. Rwy 09-27 rwy shoulder markings NSTD. Ldg fee.

AIRPORT MANAGER: 908-862-5557

WEATHER DATA SOURCES: AWOS-3 124.025 (908) 862-7383.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **NEW YORK APP CON** 135.35

CLNC DEL 127.25

Ⓡ **NEW YORK DEP CON** 119.2

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

CANARSIE (T) VOR/DME 112.3 CRI Chan 70 N40°36.75' W73°53.67' 282° 16.0 NM to fld. 10/11W.

VOR unusable:

047°-175°

224°-035°

COMM/NAV/WEATHER REMARKS: Cinc Del provided on frequency 127.25 by Newark twr, or ctc New York Apch at 800-645-3206.

**NEW YORK
COPTER
L-33A, 34H
IAP**

LITTLE FERRY SPB (2N7) 1 E UTC-5(-4DT) N40°51.01' W74°01.98'

00 TPA—500(500) NOTAM FILE MIV

WATERWAY 01-19: 5500X150 (WATER)

WATERWAY 01: Tower.

WATERWAY 19: Bridge. Rgt tfc.

SEAPLANE REMARKS: Unattended. Dalgt use only. Ldg area usable, however fac is in disrepair and unusable.

AIRPORT MANAGER: (201) 224-6179

COMMUNICATIONS: CTAF/UNICOM 122.8

**NEW YORK
COPTER**

LUMBERTON

FLYING W (N14) 1 SW UTC-5(-4DT) N39°56.06' W74°48.43'

49 B NOTAM FILE MIV

RWY 01-19: H3496X75 (ASPH) MIRL 0.4% up N

RWY 01: REIL. PAPI(P2L)—GA 3.5° TCH 26'. Trees. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.2° TCH 22'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 01-19 PAPI and REIL Rwys 01 and 19, and twy lgts—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1200-0200Z†, Nov-Mar 1200-0000Z†. East-west ravine crosses extended centerline Rwy 01 100' from thld. Deep retention pond 23' west of parallel twy centerline north of ops building. Rwy 19 VGS and RNAV glidepath not coincident. Rwy 01 VGS and descent angles not coincident.

AIRPORT MANAGER: 609-267-7673

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **MC GUIRE APP/DEP CON** 124.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14'

W74°29.70' 232° 21.6 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

135°-170° byd 27 NM blo 5,000'

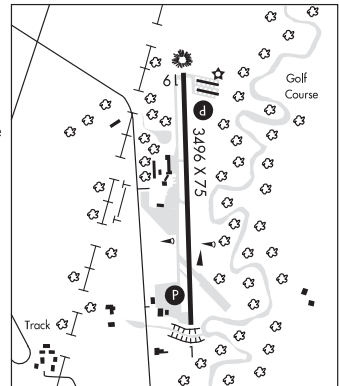
150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'

**WASHINGTON
L-34G, A
IAP**



MANVILLE

CENTRAL JERSEY RGNL (47N) 1 S UTC-5(-4DT) N40°31.47' W74°35.90'

86 B TPA—1086(1000) NOTAM FILE MIV

RWY 07-25: H3510X50 (ASPH) S-30 LIRL 0.6% up SW

RWY 07: PAPI(P2L)—GA 3.4° TCH 63'. Thld dspclcd 580'. Railroad.

RWY 25: PAPI(P2L)—GA 3.3° TCH 94'. Thld dspclcd 265'. Trees.

SERVICE: S4 **FUEL** 100LL

AIRPORT REMARKS: Attended 1300Z†-dusk except Christmas and New Years. Banner tow ops southwest of Rwy 07. Paved ovrn AER 25, 216' long. Unusable, steep slope. Rwy 07 thld located 37' prior to dspclcd thld, 585' from pavement end. VGSI and descent angles not coincident.

AIRPORT MANAGER: 908-526-2822

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK APP/DEP CON** 132.8

GCO 121.725

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20'
W74°54.46' 051° 21.6 NM to fld. 294/10W.

VOR portion unusable:

020°-040°

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

300°-353° blo 5,000'

DME portion unusable:

225°-275° byd 25 NM blo 5,000'

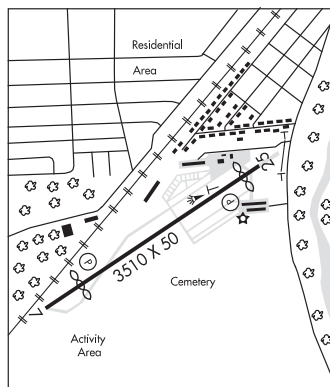
VOR/DME unusable:

178 byd 5 NM

230°-238° byd 8 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: GCO avbl on freq 121.725 IFR clearance, if unable, ctc New York Apch at 800-645-3206.

NEW YORK
L-33A, 34H
IAP



MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)(KWRI) AF (A ANG) 2 SE

NEW YORK
H-101, 121, L-34G
DIAP, AD

UTC-5(-4DT) N40°00.94' W74°35.50'

141 B TPA—See Remarks AOE NOTAM FILE WRI Not insp.

RWY 06-24: H10014X150 (ASPH-CONC-GRVD) PCN 94 R/B/W/T HIRL CL

RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76'. RVR-T

RWY 24: ALSF1. PAPI(P4L)—GA 3.0° TCH 76'. RVR-R Rgt tfc.

RWY 18-36: H7126X150 (CONC) PCN 49 R/C/W/T HIRL

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 68'. Rgt tfc.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 46'.

SERVICE: S4 **OX** 1, 2 **LGT** Rwy 18 PAR and PAPI not coincidental. Twy H twy lgts OTS adjacent to the SE corner of ANG ramp. **MILITARY—JASU** (C-26) (MD-3) 6(MA-1A) 1(MA-1) **FUEL** A++ **FLUID** SP PRESAIR LHOX LOX (C-5, KC-10, 747 de-icing ltd to wg only. 3 hr PN rqr.) **OIL** O-128-133-148-156 **TRAN ALERT** Svc avbl H24 dly.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arprt Info. **RSTD** PPR exc AMC, AMC gained and AMC contract msn. 72 hr PPR for Army ramp and ldg all intersection on FT Dix reservation DSN 526-6377/5287. Rwy 18-36 lacks overruns and shoulders. Req apvl thru Afld Management OPS DSN 650-2714, C609-754-2714 fax extn 6465, minimum 24 hr PN for wkday, 48 hr PN wkend and hol. All inbnd pax/cargo acft ctc Comd Post no later than 30 min prior to ldg. Ctc Afld Management OPS for current Bird Watch cond. During Phase II BASH Window (+30 SR, -1.5 SR; +/- 1 hr SS), one-time dep/recovery dur SR/SS window authorized when migratory birds can be cleared visually and BWC is low or moderate. To visually clear for migratory birds, daylight cond and observed ceiling greater than or equal to 5 miles must prevail.

305/514 AMW acft and tran USAF acft rqr 305 OG/CC apvl for tkof and ldg in BASH window when BWC is severe or during night or low vis and ceil cond (worse than 3000 ft and 5 miles vis/when migratory birds cannot be vis cleared). Tenant units rqr apvl of their respective OG/CC or altn svc equivalent level co. 180° turns rstd to conc portions of the rws only. Rwy 06-24 under runs avbl for dep. First 442' Rwy 36 conc, remaining 6695' asph. Romeo Row spots 5-9 clsd to power acft opr due to pavement erosion. Twy J suitable for all act exc B747 that exceed 875K. Twy K clsd UFN. **CAUTION** Twy P unlgtd but have reflective devices. First 1000' of Rwy 06 and Rwy 24 are grvd conc, remainder of rwy grvd asph. Rwy 06-24 has hardened and non-grvd ovns. NSTD markings X-Ray row for C-17 wingtip trng and combat offload ops, Romeo and X-Ray Row for combat offload ops. Anticipate varying winds, wind shear or turbulent cond first 3000' Rwy 24 when strong northwest wind is present due to hangar obst. Rwy 18-36 ldg zone markings mid-fld. When Rwy 18-36 in use for NVD ops and raised covert lgtg in place on the rwy, non-participating acft and vehicles will not be able to opr on the rwy. 108 ARW acft may cross the rwy at Twy Hotel or Twy Lima. Use extreme caution for extv unmanned acft ops invof R-5001. Incr foreign object debris haz potential. Rwy condition codes (RWYCC) unavailable. **TFC PAT** TPA for copter 600(459), Lgt acft 800(659), Rectangular 1600(1459), Overhead 2100(1959). Rgt tfc Rwy 24 and Rwy 18. **MISC** PPR for all acft carrying/uploading hazardous cargo or distinguished vistsors and air evac regardless of affiliation. ATC will enhance sfc obsn when twr visibility is less than 4 SM and different than reported visibility. First 431' Rwy 36 conc remaining 6695' asph. Rwy 18-36 precision apch marking not applicable, not a precision apch rwy. All classified material must be stored at the JB Comd Post DSN 650-3935/3936. Afld mgmt has no classified storage capabilities. ASA ramp opr wkday 1230-2130Z. Wkend hr by prior apvl. Facility lctd on SW side of afld. 72 hr PPR for ASA Army. Ramp ldg and all ldg locations on Fort Dix reservation DSN 944-6377/5287, C609-562-6377/5287. Tran acft ctc Army ops prior to ldg.

AIRPORT MANAGER: 609-754-2714

COMMUNICATIONS: SFA PTD 372.2 D-ATIS 110.6 270.1 DSN 650-2847

® **APP/DEP CON** 124.15 363.8

TOWER 118.65 255.6 257.8 **GND CON** 121.8 275.8 **CLNC DEL** 135.2 335.8

COMD POST 134.1 237.15 (Use 237.15 within 75 NM of arpt. If 237.15 is inop, use 134.1 (call Brickyard))

108 ANG COMD POST 251.2 321.0 (call Torch Ctl) DSN 650-2127 **PMSV METRO** 239.8 Augmented ASOS in use, DSN 650-1402, C609-754-1402. Wx svc avbl 24 hrs. Trans brf svc avbl DSN 576-9755, C618-256-9755. RON transient crews should be req wx brf prior to billeting. When wx svc clsd, tran crews ctc 15 Opr Wx Squadron (OWS) at Scott AFB H24 DSN 576-9755/9720, C618-256-9755/9720. Dur evacuation of wx fit ctc 15 OWS at number abv. RON tran crew req wx brief prior to ldg. ATC will supplement obsn as needed. **ARMY OPS** 139.3 265.6 41.35 (Ctc 15 min prior to ldg.) **FT DIX RNG** 34.0 41.0

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc mc guire.

RADIO AIDS TO NAVIGATION: NOTAM FILE WRI.

(L) **VORTACW** 110.6 GXU Chan 43 N40°00.57' W74°35.79' at fld. 119/12W.

VOR portion unusable:

003°-068° byd 27 NM
069°-119° byd 17 NM
141°-188° byd 17 NM
189°-213° byd 16 NM
214°-228° byd 17 NM blo 2,500'
214°-228° byd 20 NM
229°-260° byd 17 NM
261°-295° byd 25 NM blo 5,000'

TACAN AZIMUTH unusable:

171°-194° byd 11 NM blo 2,000'
171°-194° byd 16 NM blo 4,000'
171°-194° byd 34 NM blo 5,000'

VOR & TACAN No NOTAM MP 1100-1300Z‡ Mon and thr

DME unusable:

255°-265°

ILS 110.1 I-WRI Rwy 06. Class IID. Par – apch dly fr 1100-0300Z‡contingent upon par controller avbl and/or deployed status of mobile par. 108 ang comd post – 303.0 remarks: (call TORCH control) dsn 650-2127.

ILS/radar-radar: between 0300-1100Z‡, par avbl for full stop ldg only when wx is blw TACAN min. No NOTAM MP: 1100-1300Z‡ Tue, Wed, Fri."

ILS 110.1 I-JTQ Rwy 24. Class ID. No NOTAM MP: 1100-1300Z‡ Tue, Wed, Fri.

COMM/NAV/WEATHER REMARKS: See Terminal FLIP for Radar minima. Radar No NOTAM MP Mon-Thur 0930-1130Z‡, Fri 0730-1130Z‡, Sat 1100-1500Z‡.

MILLVILLE MUNI (MIV)(KMIV) 3 SW UTC-5(-4DT) N39°22.07' W75°04.33'

WASHINGTON

85 B TPA—See Remarks NOTAM FILE MIV

H-101, 121, L-346, A

RWY 10-28: H6003X150 (ASPH) S-40, D-65, 2S-83, 2D-125 MIRL

IAP

RWY 10: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 29'.

RWY 14-32: H5058X150 (CONC) S-40, D-65, 2S-83, 2D-125 MIRL

RWY 14: PAPI(P4L)—GA 3.0° TCH 48'. Trees.

RWY 32: PAPI(P4L)—GA 3.0° TCH 39'. Trees.

SERVICE: S7 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 10, MIRL Rwy 10-28 and Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1100-2300Z‡. Fuel avbl, ctc on 123.0. Arpt CLOSED to ultralight acft, glider ops and formation fits except PPR (856) 825-1244 Mon-Fri 1300-2100Z‡. PAEW within the safety areas of all rwys and twys daily May thru Oct. Rwy 10 designated calm wind rwy. Wind indicator lgt OTS. TPA—800 (715) light acft, 1200 (1115) heavy acft. Rwy 10-28 thld and touchdown markings are NSTD. Main apron clsd to tran acft north of Twy K. Twy G not to be used by acft with wingspan greater than 79' north of Twy A or byd second hangar on northside of rwy. Rwy 14 VGSJ and glidepath not coincident.

AIRPORT MANAGER: 856-825-1244

WEATHER DATA SOURCES: ASOS 119.6 (856) 327-3455.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 122.2 (MILLVILLE RADIO)

Ⓡ ATLANTIC CITY APP/DEP CON 124.6

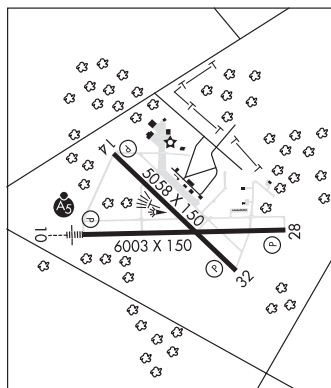
AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26' W74°58.03' 216° 11.3 NM to fld. 120/10W.

RAINBOW NDB (HW) 363 RNB N39°25.09' W75°08.10' 147° 4.2 NM to fld. 92/11W.

ILS 110.9 I-MIV Rwy 10. Class IA. Unmonitored.



MONMOUTH EXECUTIVE (See BELMAR/FARMINGDALE on page 154)

MORRISTOWN MUNI (MMU)(KMMU) P (A) 3 E UTC-5(-4DT) N40°47.96' W74°24.89'

187 B TPA—See Remarks AOE NOTAM FILE MMU

RWY 05-23: H5998X150 (ASPH-GRVD) S-30, D-80, 2S-101 HIRL

RWY 05: REIL. Trees.

RWY 23: MALSR.

RWY 13-31: H3997X150 (ASPH-GRVD) S-30 MIRL

RWY 13: Trees.

RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 39'. Trees.

SERVICE: FUEL 100LL, JET A, A+ OX 1, 2, 3, 4 LGT ACTIVATE HIRL

Rwy 05-23, MIRL Rwy 13-31, REIL Rws 05 and 31, MALSR Rwy 23, and PAPI Rwy 31—118.1. **MILITARY—FUEL** (NC-100LL, A+)

AIRPORT REMARKS: Attended 1145-0330Z†. When twr clsd all acft and vehicles must state intentions on CTAF before operating on any rwy. Birds and deer on and in/ovf arpt. ARFF svc avbl 24 hrs daily. For ARFF svcs when twr clsd ctc ARFF station—CTAF or 973-455-1953. Inbound tfc request FBO svcs, instructions, and ramp advisories 30 min prior to arrival. After ldg ctc FBO again 129.6 for preferred ramp entrance to Twy D or Twy J. Voluntary noise abatement proc include avoiding TGL ops on Rwy 13-31. No turbojet ldg on Rwy 13 and Rwy 31 unless the cross wind velocity for Rwy 05-23 exceeds 16 kts. TPA—1200(1013) lgt acft, 1700(1513) heavy acft. Acft carrying explosive cargo PPR before ldg, call 973-538-6400. Helicopter ops over residential areas blo 1000' MSL should be avoided. NS ABTMT procedures in effect, ctc NS ABTMT office 973-538-3366 extension 122. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Route 80 visual apch preferred for Rwy 23. During snow removal ops 15 minute prior notice required on 118.1 and no practice low apchs or touch and go llds. Taxilane K north of FTC ramp, no hel or acft with a wingspan greater than 50'. US customs avbl Mon-Fri 1300-2100Z†, between 2101-1259Z† and weekends call 973-267-0302 for appointment. Morristown customs association fees apply, ctc arpt manager 973-538-6400 for details. U.S. customs user fee arpt. Stage I departure fee 0400-1145Z†. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 973-538-6400

WEATHER DATA SOURCES: AWOS-3 (973) 290-0135 LAWRS.

COMMUNICATIONS: CTAF 118.1 ATIS 124.25

® **NEW YORK APP CON** 127.6

TOWER 118.1 (1145-0330Z†) **GND CON** 134.2 **CLNC DEL** 128.6

® **NEW YORK DEP CON** 119.2

AIRSPACE: CLASS D svc 1145-0330Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TERBORO (T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 271° 16.3 NM to fld. 3/11W.

DME portion unusable:

060°-080° byd 22 NM blo 2,500'

VOR/DME unusable:

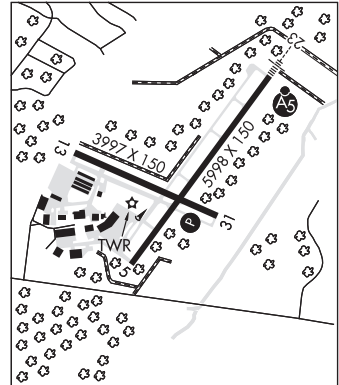
081°-120° blo 4,000'

121°-180° blo 3,000'

CHATHAM NDB (MHW) 254 CAT N40°44.45' W74°25.79' 024° 3.6 NM to fld. 251/13W. NOTAM FILE MIV.

ILS 110.3 I-MMU Rwy 23. Class IB. Unmonitored when ATCT closed. Glideslope unusable for coupled apchs blo 732' MSL.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc New York Apch at 800-645-3206.



NEW YORK

COPTER

H-101, 121, L-33A, 34H

IAP, AD

MOUNT HOLLY

SOUTH JERSEY RGNL. (VAY)(KVAY) 4 SW UTC-5(-4DT) N39°56.57' W74°50.75'

WASHINGTON

53 B TPA—853(800) NOTAM FILE VAY

L-34G, A

RWY 08-26: H3881X50 (ASPH) S-30 MIRL

IAP

RWY 08: REIL. PAPI(P2R)—GA 3.25° TCH 45'. Tree.

RWY 26: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08 and Rwy 26—123.3.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z†, Nov-Mar 1300-2300Z†. Arpt unattended Thanksgiving, Christmas Day and New Years Day. Jet A fuel avbl 24 hr self svc with credit card or truck during attended hrs. Deer on and invof arpt. Helicopter tkfs and lds restricted to Rwy 08-26 only. Balls marking p-lines on apch to Rwy 08 faded. Trees along sides of rwy primarily northwest. Avoid overflying housing area WNW of arpt blo 300' when in the traffic pattern for Rwy 08. Parallel twy NSTD with 18' asphalt. Rwy 08 VGSJ and descent angles not coincident.

AIRPORT MANAGER: 609-267-3131

WEATHER DATA SOURCES: ASOS 119.325 (609) 267-1176.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **MC GUIRE APP/DEP CON** 124.15

GCO 121.725 (MCGUIRE APCH)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 236° 22.4 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

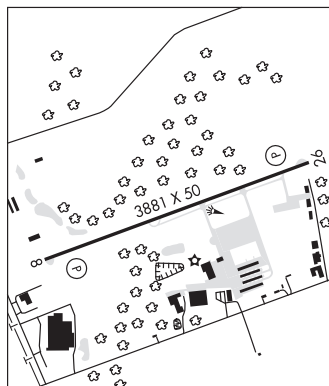
135°-170° byd 27 NM blo 5,000'

150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'



NEWARK LIBERTY INTL (EWR)(KEWR) 3 S UTC-5(-4DT) N40°41.55' W74°10.12'

NEW YORK

17 B LRA Class I, ARFF Index E NOTAM FILE EWR

COPTER

RWY 04L-22R: H11000X150 (ASPH-CONC-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/X/T HIRL CL

H-101, 121, L-33A, 34H IAP, AD

RWY 04L: MALSR. TDZL. PAPI(P4L)—GA 3.1° TCH 77'. RVR-TMR Thld dsplcd 2540'. Tree.

RWY 22R: MALSR. TDZL. REIL. PAPI(P4L)—GA 3.1° TCH 70'. RVR-TMR Thld dsplcd 1440'. Pole.

RWY 04R-22L: H10000X150 (ASPH-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/W/T HIRL CL

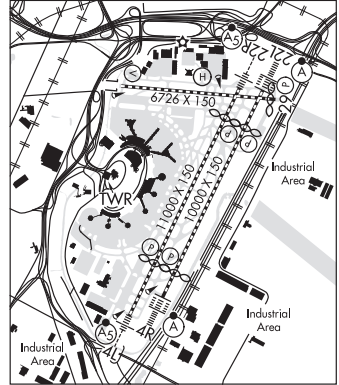
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 2.95° TCH 71'. RVR-TMR Thld dsplcd 1190'. Pole.

RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 60'. RVR-TMR Thld dsplcd 1793'. Antenna.

RWY 11-29: H6726X150 (ASPH-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/W/T HIRL CL

RWY 11: TDZL. REIL. VASI(V4L)—GA 3.08° TCH 53'. Bldg.

RWY 29: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60'. Thld dsplcd 224'. Sign.



LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 04L	11-29	7750
RWY 04R	11-29	8100
RWY 11	04R-22L	5700

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:TORA-11000 TODA-11000 ASDA-11000 LDA-8460
RWY 04R:TORA-10000 TODA-10000 ASDA-10000 LDA-8810
RWY 11: TORA-6726 TODA-6726 ASDA-6726 LDA-6726
RWY 22L:TORA-10000 TODA-10000 ASDA-10000 LDA-8207
RWY 22R:TORA-11000 TODA-11000 ASDA-11000 LDA-9560
RWY 29: TORA-6726 TODA-6726 ASDA-6726 LDA-6502

ARRESTING GEAR/SYSTEM

RWY 11: EMAS

RWY 29: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 3 LGT Rwy status lgts in opr.

AIRPORT REMARKS: Special Air Traffic Rules—Part 93. Attended continuously. Parasail and banner towing ops 1000' and blo in upper and lower New York bays including Rockaway inlet indef. Flocks of birds on and in/ovf airport. High volume of low level helicopter tfc arriving and departing Helo Kearny Heliport (65NJ) located 3.5 miles northeast of the arpt. Expect to leave and re-enter the Class B Airspace during moderate to heavy arrival periods. Rwy 04L-22R, south 1799' conc, north 1228' conc, center 7993' asph. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Rwy 04L and Rwy 04R departures use upper antenna for ATC communications. For noise restrictions call 212-435-3779 during normal business hrs. Twy Z between Twy U and UB rstd to narrow body acft indef. Rwy 29 PAPI unusable 5° left of centerline. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Intersection Departures During Period of Darkness, Continuous Power Facilities and Intersecting Runway Operations.

AIRPORT MANAGER: 973-961-6161

WEATHER DATA SOURCES: ASOS (973) 621-2892 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 115.7 D-ATIS SOUTH ARR 134.825 (973) 824-4417. UNICOM 122.95

Ⓡ NEW YORK APP/DEP CON 132.8 (241°-269°) 128.55 (090°-240°) 127.6 (270°-330°) 132.7 (331°-089°)

Ⓡ NEW YORK APP/DEP CON 119.2

TOWER 118.3 134.05 GND CON 121.8 126.15 CLNC DEL 118.85

PRE TAXI CLNC 118.85 GATE HOLD 132.45

CPDLC DCL (LOGON KEWR)

AIRSPACE: CLASS B See VFR Terminal Area Chart

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) VOR/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 218° 10.6 NM to fld. 3/11W.

DME portion unusable:

060°-080° byd 22 NM blo 2,500'

VOR/DME unusable:

081°-120° blo 4,000'

121°-180° blo 3,000'

ILS/DME 110.75 I-EWR Chan 44(Y) Rwy 04L. Class IID. DME shared with ILS Rwy 22R.

ILS/DME 108.7 I-EZA Chan 24 Rwy 04R. Class IIIE. DME also serves Rwy 04L and Rwy 22L.

ILS/DME 109.15 I-GPR Chan 28(Y) Rwy 11. Glideslope unusable byd 5° right and left side of course and .7 NM (300' MSL) inbound. LOC unusable byd 25° left of course.

ILS/DME 108.7 I-LSQ Chan 24 Rwy 22L. Class IIE. Localizer unusable byd 20° left of course.

ILS/DME 110.75 I-JNN Chan 44(Y) Rwy 22R. Class IT. AyrON OM is also used for Rwy 22L. DME shared with ILS Rwy 04L. Localizer unusable byd 20° left of course.

HELIPAD H1: H54X54 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 located on Twy Z3. Helipad H1 perimeter lgts. The Brewster pad operating limits are D-65.

OCEAN CITY MUNI (26N) 2 SW UTC-5(-4DT) N39°15.81' W74°36.45'

WASHINGTON

6 NOTAM FILE MIV

L-34G

RWY 06-24: H2972X60 (ASPH) S-12.5 MIRL

IAP

RWY 06: PAPI(P2R)—GA 3.5° TCH 36'.

RWY 24: PAPI(P2L)—GA 3.5° TCH 37'. Tree. Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended Jun-Sep 1300-0100Z†, winter 1300-2100Z†.

Birds on and invof arpt.

AIRPORT MANAGER: (609) 525-9222

COMMUNICATIONS: CTAF/UNICOM 122.7

® ATLANTIC CITY APP/DEP CON 124.6

CLNC DEL 133.6

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

ATLANTIC CITY (L) VORTAC 108.6 ACY Chan 23 N39°27.35'
W74°34.58' 197° 11.6 NM to fld. 67/10W.

VORTAC unusable:

290°-300° byd 10 NM blo 4,000'

VOR portion unusable:

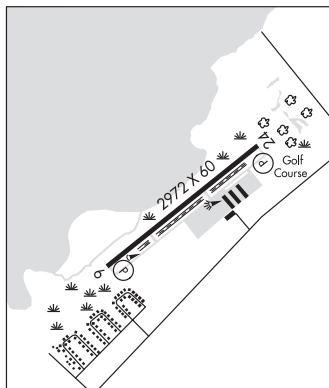
301°-355° byd 35 NM blo 2,000'

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26'

W74°58.03' 144° 23.5 NM to fld. 120/10W. NOTAM FILE

MIV.

COMM/NAV/WEATHER REMARKS: Automated wx advisory, 119.775. Also avbl by phone 609-398-0705 or at www.DIGIWX-OCNJ.com.



OCEAN CO (See TOMS RIVER on page 176)

OLD BRIDGE (3N6) 5 S UTC-5(-4DT) N40°19.79' W74°20.81'

NEW YORK

87 B NOTAM FILE MIV

L-34H

RWY 06-24: H3594X50 (ASPH) MIRL 0.6% up NE

IAP

RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 25'. Thld dsplcd 600'. Tree.**RWY 24:** REIL. PAPI(P2R)—GA 4.0° TCH 40'. Thld dsplcd 400'. Tree. Rgt t/c.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24, rotating bcn—CTAF.**AIRPORT REMARKS:** Attended dalgt hrs. No touch and go. Avoid overfl of Englishtown Flea Market 1 NM SW. Trees along east side of Rwy 06-24. Ldg fee.**AIRPORT MANAGER:** 732-446-0303**COMMUNICATIONS:** CTAF/UNICOM 123.075**ROBINSVILLE RCO** 122.1R 113.8T (MILLVILLE RADIO)Ⓡ **MC GUIRE APP/DEP CON** 124.15**GCO** 121.725 (MILLVILLE RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**ROBINSVILLE (H) VORTAC** 113.8 RBV Chan 85 N40°12.14' W74°29.70' 052° 10.2 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

135°-170° byd 27 NM blo 5,000'

150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'

PEDRICKTOWN
SPITFIRE AERODROME (7N7) 2 S UTC-5(-4DT) N39°44.13' W75°23.86'

WASHINGTON

40 B NOTAM FILE MIV

L-34G, A

RWY 07-25: H2419X60 (ASPH) MIRL

IAP

RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 20'. Thld dsplcd 198'. Tree.**RWY 25:** REIL. PAPI(P2R)—GA 4.0° TCH 20'. Tree.**SERVICE:** S4 **LGT** REIL Rwy 07 OTS indef. REIL Rwy 25 OTS indef. ACTIVATE MIRL Rwy 07-25, REIL Rwy 07 and Rwy 25 and PAPI Rwy 07 and Rwy 25—122.7.**AIRPORT REMARKS:** Attended irregularly. Deer and birds on and invof arpt. Arpt access road near AER 07.**AIRPORT MANAGER:** 484-432-4851**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **PHILADELPHIA APP/DEP CON** 119.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**WOODSTOWN (L) VORTAC** 112.8 OOD Chan 75 N39°38.16' W75°18.18' 334° 7.4 NM to fld. 140/10W.

TACAN AZIMUTH unusable:

Radial 352

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

PITTS TOWN

ALEXANDRIA (N85) 2 W UTC-5(-4DT) N40°35.25' W75°01.17'

480 B NOTAM FILE MIV

RWY 08-26: H2550X60 (ASPH) MIRL 0.7% up E

RWY 08: PAPI(P2R)—GA 4.0° TCH 30'. Tree.

RWY 26: PAPI(P2L)—GA 3.75° TCH 28'. Tree.

RWY 13-31: H1804X100 (ASPH-TURF) 0.8% up SE

RWY 13: Tree.

RWY 31: Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26 and rotating bc—121.8.

AIRPORT REMARKS: Attended 1300Z±-dusk. Fuel 24hr self-svc. Parachute jumping Mar-Nov. Parachute drop zone on north side of arpt. Ctc arpt manager 908-730-9233 prior to conducting helicopter training activity. Helicopter tcf and ldg rstd to Rwy 08-26 only. Helicopters use fixed-wing tcf pat and alts. No touch and go landings or straight in apchs allowed. Rwy 13-31 25' wide asph strip full length down center of rwy. Turf portion of rwy unusable. Taxi on pavement only. Rwy 26 PAPI unusable byd 2.0° left of centerline.

AIRPORT MANAGER: 908-730-9223

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ ALLENTOWN APP/DEP CON 124.45 (Above 3000') 119.65 (3000' and blo)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 281° 12.7 NM to fld. 189/10W. **HIWAS.**

DME unusable:

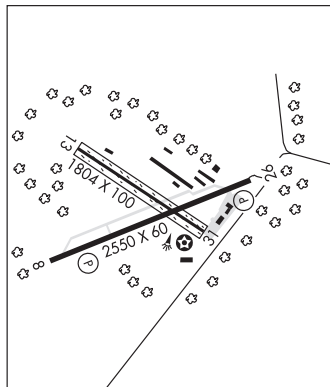
167°-040° byd 34 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at 800-728-6322.

NEW YORK

L-33A, 34H

IAP



SKY MANOR (N40) 2 SW UTC-5(-4DT) N40°33.95' W74°58.76'

560 TPA-1560(1000) NOTAM FILE MIV

RWY 07-25: H2900X50 (ASPH) MIRL 0.3% up NE

RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 31'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 29'. P-line.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 07-25, REIL

Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25 and twy lghts—CTAF.

AIRPORT REMARKS: Attended continuously. Self-serve fuel system on north end of tie-down ramp. Helicopter activity on and invof arpt. Rwy 07 VGSI and descent angles not coincident. Rwy 07 noise abatement procedures VFR dep fly rwy heading until reaching at least 1,300 ft MSL. Rwy 25 noise abatement procedures VFR dep safety permitting at dep end of rwy turn right fly heading 270 until reaching at least 1,300 ft MSL. Avoid overflight of horse farm (stables) 500' north of acft hangars. Rwy 07 PAPI unuse byd 4.0° rgt of centerline.

AIRPORT MANAGER: 908-996-4200

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ ALLENTOWN APP/DEP CON 124.45 (Above 3000') 119.65 (3000' and blo)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98'

W74°44.51' 275° 10.9 NM to fld. 189/10W. **HIWAS.**

DME unusable:

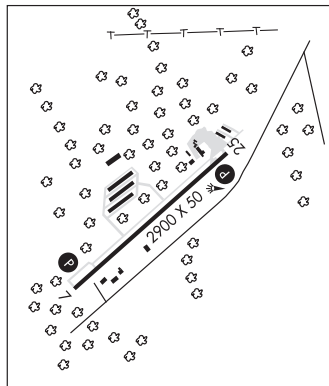
167°-040° byd 34 NM

COMM/NAV/WEATHER REMARKS: GCO 121.725 (If unavailable for Clnc Del ctc ABE Apch at 800-728-6322)

NEW YORK

L-33A, 34H

IAP



PRINCETON (39N) 3 N UTC-5(-4DT) N40°23.95' W74°39.54'

128 B TPA—1203(1075) NOTAM FILE MIV

RWY 10-28: H3499X75 (ASPH) S-15 MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.45° TCH 42'. Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 41'. Thld dsplod 370'. Bldg.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10-28 and REIL Rwy 10—123.05.

AIRPORT REMARKS: Attended 1300-dusk. Unattended Christmas Day and New Years Day. Deer and birds on and invof arpt. Rwy 28 departure no turns until at least 900' MSL and beyond Cherry Hill Road. Rwy 10-28 rgt tfc helicopters.

AIRPORT MANAGER: 609-921-3100

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NEW YORK APP/DEP CON** 132.8

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20'

W74°54.46' 062° 14.4 NM to fld. 294/10W.

VOR portion unusable:

020°-040°

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

300°-353° blo 5,000'

DME portion unusable:

225°-275° byd 25 NM blo 5,000'

VOR/DME unusable:

178 byd 5 NM

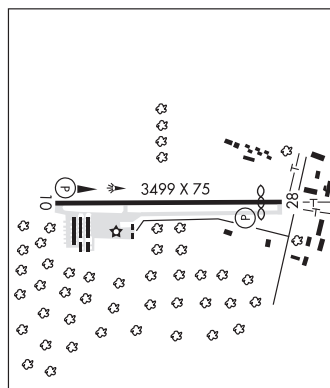
230°-238° byd 8 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc New York Apch at 800-645-3206.

NEW YORK

L-34H

IAP



RAINBOW N39°25.09' W75°08.10' NOTAM FILE MIV.

NDB (HW) 363 **RNB** 147° 4.2 NM to Millville Muni. 92/11W.

WASHINGTON

H-101, L-34G, A

READINGTON

SOLBERG-HUNTERDON (N51) 1 NW UTC-5(-4DT) N40°34.96' W74°44.20'

NEW YORK

189 TPA—See Remarks NOTAM FILE MIV

H-101, 121, L-33A, 34H

RWY 04-22: H5598X50 (ASPH-TURF) MIRL 0.7% up NE

IAP

RWY 04: Thld dsplcd 1301'.

RWY 22: Thld dsplcd 1300'. Tree.

RWY 13-31: 3444X200 (TURF) 1.0% up NW

RWY 13: Tree.

RWY 31: Trees.

RWY 10-28: 2010X100 (TURF) 0.4% up W

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended 1400-2200Z±. Arpt unattended all major holidays and Christmas and New Years eve afternoons. Rwy 04-22 paved portion has numerous cracks along entire length. Deer on and in/ovf arpt. Blimp and hot air balloon activity on and in/ovf arpt, spring through fall. Dsplcd thld Rwy 04 1301' turf, 180' wide. Dsplcd thld Rwy 22 1300' turf, 180' wide. All rwys no touch and go lds.

TPA—1194(1005) for piston acft and 1694(1505) for jet acft. All rwys depart straight out to 1200' before turning. Rwy 04-22 MIRL on paved 3000'X50' portion of rwy.

AIRPORT MANAGER: 908-534-4000

COMMUNICATIONS: CTAF/UNICOM 122.8

SOLBERG RCO 122.1R 112.9T (MILLVILLE RADIO)

Ⓡ **NEW YORK APP/DEP CON** 132.8

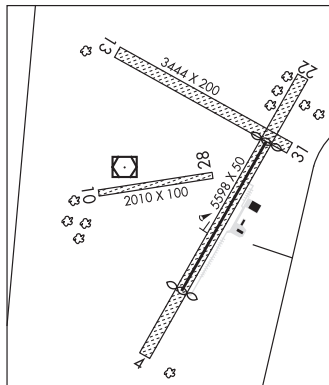
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

(L) **VOR/DME** 112.9 SBJ Chan 76 N40°34.98' W74°44.51' at fld. 189/10W. **HIWAS.**

DME unusable:

167°-040° byd 34 NM

COMM/NAV/WEATHER REMARKS: GCO 121.725 If unable, ctc NY Apch at 800-625-3206). For IFR clnc del ctc NY TRACON 800-645-3206.



RED LION (See VINCENTOWN on page 178)

REDWING (See JOBSTOWN on page 158)

ROBBINSVILLE

TRENTON-ROBBINSVILLE (N87) 1 E UTC-5(-4DT) N40°12.84' W74°36.11'

NEW YORK

118 B TPA—1099(981) NOTAM FILE MIV

L-34H

RWY 11-29: H4275X75 (ASPH) S-25 MIRL

IAP

RWY 11: PAPI(P2L)—GA 4.5° TCH 46'. Thld dsplcd 398'. Trees.

RWY 29: PAPI(P2L)—GA 4.0° TCH 29'. Thld dsplcd 300'. Trees. Rgt ttc.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 11-29—123.3.

AIRPORT REMARKS: Attended 1300-2100Z±. Self svc fuel system mid-fld apron. Wind indicator OTS indef. VFR departure Rwy 11 avoid overfl of Sharon Elementary School 0.75 NM northeast. VFR departure Rwy 29, for NS ABTMT climb straight ahead until reaching 700' AGL before turning. Rwy 11 VGS1 and descent angles not coincident. Rwy 29 VGS1 and descent angles not coincident.

AIRPORT MANAGER: 609-259-1059

COMMUNICATIONS: CTAF/UNICOM 123.0

ROBBINSVILLE RCO 122.1R 113.8T 122.45 (MILLVILLE RADIO)

Ⓡ **MC GUIRE APP/DEP CON** 124.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 288° 5.0 NM to fld. 248/10W.

VOR portion unusable:

135°-149° byd 12 NM blo 2,500'

135°-149° byd 19 NM blo 3,500'

135°-170° byd 27 NM blo 5,000'

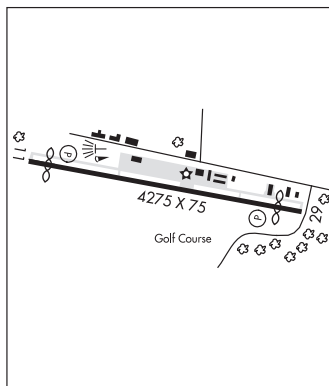
150°-162° byd 24 NM blo 3,500'

163°-170° byd 12 NM blo 2,500'

163°-170° byd 19 NM blo 3,500'

315°-360° byd 10 NM blo 3,500'

COMM/NAV/WEATHER REMARKS: FAR PART 135 wx svc avbl.



ROBBINSVILLE N40°12.14' W74°29.70' NOTAM FILE MIV.

NEW YORK
H-101, L-34H

(H) **VORTAC** 113.8 RBV Chan 85 288° 5.0 NM to Trenton-Robbinsville. 248/10W.
 VOR portion unusable:
 135°-149° byd 12 NM blo 2,500'
 135°-149° byd 19 NM blo 3,500'
 135°-170° byd 27 NM blo 5,000'
 150°-162° byd 24 NM blo 3,500'
 163°-170° byd 12 NM blo 2,500'
 163°-170° byd 19 NM blo 3,500'
 315°-360° byd 10 NM blo 3,500'
RCO 122.1R 122.45 113.8T (MILLVILLE RADIO)

SEA ISLE N39°05.73' W74°48.02' NOTAM FILE MIV.

WASHINGTON
H-101, 121, L-34G, A

(H) **VORTAC** 114.8 SIE Chan 95 233° 7.3 NM to Cape May Co. 8/9W. **HIWAS**.
 VOR unusable:
 060°-110° byd 20 NM blo 3,900'
 DME unusable:
 065°-110°
 238°-048° byd 34 NM blo 1,800'
 TACAN AZIMUTH unusable:
 065°-110°
RCO 122.1R 114.8T (MILLVILLE RADIO)

SKY MANOR (See PITTSTOWN on page 170)

SOLBERG-HUNTERDON (See READINGTON on page 172)

SOLBERG N40°34.98' W74°44.51' NOTAM FILE MIV.

NEW YORK
H-101, 121, L-33A, 34H

(L) **VOR/DME** 112.9 SBJ Chan 76 at Solberg-Hunterdon. 189/10W. **HIWAS**.
 DME unusable:
 167°-040° byd 34 NM
RCO 122.1R 112.9T (MILLVILLE RADIO)

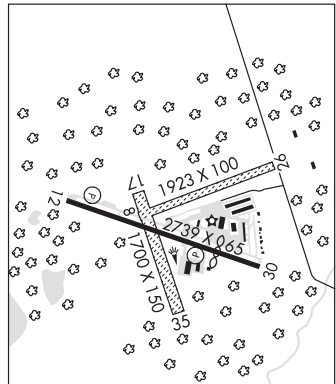
SOMERSET (See SOMERVILLE on page 173)

SOMERVILLE

SOMERSET (SMQ)(KSMQ) 3 N UTC-5(-4DT) N40°37.56' W74°40.20'

NEW YORK
L-33A, 34H
IAP

106 B TPA-1101(995) NOTAM FILE SMQ
RWY 12-30: H2739X65 (ASPH) MIRL 0.7% up SE
RWY 12: REIL. PAPI(P2L)—GA 4.2° TCH 43'. Trees.
RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 43'. Thld dsplcd 200'. Trees.
RWY 08-26: 1923X100 (TURF) 0.4% up E
RWY 08: Tree.
RWY 26: Tree.
RWY 17-35: 1700X150 (TURF) 0.6% up N
RWY 17: Trees.
RWY 35: Trees.
SERVICE: S4 FUEL 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTIVATE MIRL
 Rwy 12-30-118.325. PAPI Rwy 12 and Rwy 30 opr continuously.
AIRPORT REMARKS: Attended 1300-2200Z±. Unattended Thanksgiving,
 Christmas and New Years. Deer on and invof arpt. Rwy 08-26 550'
 west end unsuitable for tkr or ldg due to uneven sfc. Dep Rwy 30; turn
 right 10° followed by a wide left turn; avoid residential areas. No touch
 and go landing.
AIRPORT MANAGER: 908-722-2444
WEATHER DATA SOURCES: ASOS 120.6 (908) 722-2139.
COMMUNICATIONS: CTAF/UNICOM 123.0



Ⓡ NEW YORK APP/DEP CON 132.8

GCO 121.725 (MILLVILLE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 062° 4.2 NM to fld. 189/10W. **HIWAS**.

DME unusable:
 167°-040° byd 34 NM

COMM/NAV/WEATHER REMARKS: For IFR Clnc Del ctc New York App 1-800-645-3206. If GCO unable ctc NY Apch
 800-645-3206.

SOUTH JERSEY RGNL (See MOUNT HOLLY on page 166)

SOUTHERN CROSS (See WILLIAMSTOWN on page 180)

SPARTA N41°04.05' W74°32.30' NOTAM FILE MIV. NEW YORK
(H) VORTACW 115.7 SAX Chan 104 345° 8.8 NM to Sussex. 1400/11W. H-101, L-33A, 34H
 VOR unusable:
 075°-085° blo 6,500'
 155°-165°
RCO 122.5 (MILLVILLE RADIO)

SPITFIRE AERODROME (See PEDRICKTOWN on page 169)

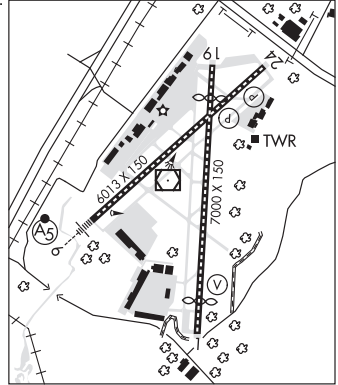
STILLWATER N40°59.75' W74°52.14' NOTAM FILE MIV. NEW YORK
(L) VOR/DME 109.6 STW Chan 33 094° 6.0 NM to Aeroflex-Andover. 920/11W. H-101, L-33A, 34H
 DME unusable:
 089°-099° within 12 NM blo 10,000'
 210°-320° byd 30 NM blo 4,000'
RCO 122.1R 109.6T (MILLVILLE RADIO)

SUSSEX (FWN)(KFWN) 1 SW UTC-5(-4DT) N41°12.01' W74°37.38' NEW YORK
 421 B TPA-1621(1200) NOTAM FILE MIV L-33A, 34H
RWY 03-21: H3499X75 (ASPH) MIRL 0.6% up SW IAP
RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Thld dsplcd 457'. Trees.
RWY 21: REIL. Thld dsplcd 750'. Trees.
SERVICE: S4 FUEL 100LL, JET A LGT PAPI and REIL Rwy 03 OTS indef. Rwy 21 REIL OTS indef. ACTIVATE MIRL Rwy 03-21 and REIL Rwy 03 and Rwy 21—CTAF.
AIRPORT REMARKS: Attended 1300Z±-dusk. Parachute Jumping. Drop zone located southwest side of rwy. Main twy southwest 1500' clsd. Twys in poor condition with potholes, cracks, and asph breaking up. No twy markings. Cold temperature rstd arpt. Altitude correction required at or blo -24C/-11F.
AIRPORT MANAGER: (973) 702-1640
WEATHER DATA SOURCES: ASOS 118.525 (973) 875-0859.
COMMUNICATIONS: CTAF/UNICOM 122.7
 ® **NEW YORK APP/DEP CON** 127.6
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 345° 8.8 NM to fld. 1400/11W.
 VOR unusable:
 075°-085° blo 6,500'
 155°-165°
COMM/NAV/WEATHER REMARKS: For Cinc Del ctc New York Apch at 800-645-3206.

TETERBORO (TEB)(KTEB) 1 SW UTC-5(-4DT) N40°51.01' W74°03.65'
 8 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE TEB
RWY 01-19: H7000X150 (ASPH-GRVD) S-50, D-100 PCN 35 F/C/X/T
 HIRL CL

NEW YORK
COPTER
 H-101, 121, L-33B, 34H
 IAP, AD

RWY 01: REIL. VASI(V4R)—GA 3.46° TCH 59'. Thld dsplcd 771'. Tree.
RWY 19: TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 57'. Thld dsplcd 770'. Bldg.
RWY 06-24: H6013X150 (ASPH-GRVD) S-50, D-100 PCN 35 F/C/X/T
 HIRL CL
RWY 06: MALSR. TDZL. REIL. RVR-T Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.2° TCH 46'. RVR-R Tree.



LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 01	06-24	4550
RWY 06	01-19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7000 TODA-7000 ASDA-6932 LDA-6161
RWY 06: TORA-6013 TODA-6013 ASDA-6013 LDA-6013
RWY 19: TORA-7000 TODA-7000 ASDA-7000 LDA-6230
RWY 24: TORA-6013 TODA-6013 ASDA-6013 LDA-6013

ARRESTING GEAR/SYSTEM

RWY 06: EMAS
RWY 19: EMAS
RWY 24: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 01-19 dsplcd thld centerline lgts OTS indef.

AIRPORT REMARKS: Attended continuously. CLOSED to motorless acft, uncontrolled acft and ultralight activity exc by prior permission. All acft avoid hospital 1.7 miles north of Rwy 01-19. Deer and bird activity on and near arpt. Water ponding condition on pavement edges at intersection of Twy F and Twy L. Helicopter ops over residential areas blo 1000' MSL should be avoided. Daily continuous construction activity all quadrants. Acft and helicopter NS ABTMT rules in effect, ctc NS ABTMT office 201-393-0399/288-1775 for copy of procedures and rules prior to arrival. Rwy 24 noise critical rwy maximum noise limit of 80 db between 0300-1200Z† and 90 db all other hrs. Stage I acft not permitted to opr at Teterboro Arpt. Acft capable of opr abv 100,000 lbs must submit certification to arpt manager verifying acft opr weight is less than 100,000 lbs. Ctc arpt ops at 201-288-1775 for forms. ARFF Index B equipment coverage provided. TPA-1500 (1492) for large/turbine acft, 1000 (992) for all others. Rwy 19 VGSI and RNAV glidepath not coincident. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Wake Turbulence for Intersection Departures, and Terminal Area Graphic Notice.

AIRPORT MANAGER: 201-288-1775

WEATHER DATA SOURCES: ASOS (201) 393-0855

COMMUNICATIONS: D-ATIS 132.85 114.2 201-288-1690

RCO 122.2 122.65 (MILLVILLE RADIO).

Ⓡ NEW YORK APP CON 127.6

TOWER 119.5 125.1 GND CON 121.9 CLNC DEL 128.05

Ⓡ NEW YORK APP/DEP CON 126.7 119.2

CPDLC (LOGON KTEB)

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

(T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' at fld. 3/11W.

DME portion unusable:
 060°-080° byd 22 NM blo 2,500'
 VOR/DME unusable:
 081°-120° blo 4,000'
 121°-180° blo 3,000'

TORBY NDB (LOM) 214 TE N40°48.26' W74°07.95' 062° 4.3 NM to fld. LOM unusable byd 10 NM.

ILS 108.9 I-TEB Rwy 06. Class IE. LOM TORBY NDB. LOM unusable byd 10 NM. LOC unusable byd 15° left of course.

ILS/DME 110.15 I-TJL Chan 38(Y) Rwy 19. Class IE.

COMM/NAV/WEATHER REMARKS: For radar svc blo 1800' ctc Teterboro twr frequency 119.5. Arpt ops frequency 130.575.

TOMS RIVER

OCEAN CO (MJX)(KMJX) 5 SW UTC-5(-4DT) N39°55.56' W74°17.73'

86 B TPA—1004(918) NOTAM FILE MJX

RWY 06-24: H5949X100 (ASPH) S-100, D-176, 2D-581

PCN 45 F/A/X/T HIRL

RWY 06: MALS. PAPI(P2L)—GA 3.0° TCH 53'.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 14-32: H3599X75 (ASPH) S-94, D-150 PCN 35 F/A/X/T MIRL
0.3% Up NW

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A OX3 LGT ACTIVATE HIRL Rwy
06-24, MALS Rwy 06, REIL Rwy 14 and Rwy 32, PAPI Rwy 32,
MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z†, Nov-Mar
1300-2200Z†. Arpt unattended Christmas Day and New Years Day.
Deer on and invof arpt.

AIRPORT MANAGER: 732-929-2054

WEATHER DATA SOURCES: AWOS-3PT 119.875 (732) 797-2542.

COMMUNICATIONS: CTAF/UNICOM 122.7

® MC GUIRE APP/DEP CON 124.15

GCO 121.725 (NEW YORK RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04' W74°25.90' 054° 9.1 NM to fld. 204/10W.

ILS 109.9 I-MJX Rwy 06. Class IA. Unmonitored.

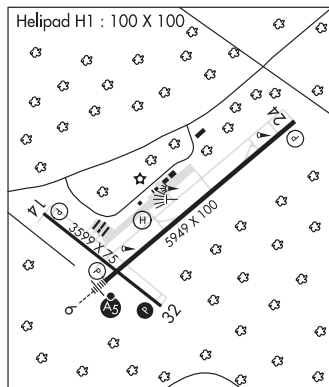
HELIPAD H1: H100X100 (ASPH)

HELIPORT REMARKS: Helipad H1 perimeter lights. ACTIVATE perimeter lghts—CTAF.

WASHINGTON

H-101, 12J, L-34G

IAP



TORBY N40°48.26' W74°07.95' NOTAM FILE TEB.

NDB (LOM) 214 TE 062° 4.3 NM to Teterboro. LOM unusable byd 10 NM.

NEW YORK

TRENTON MERCER (TTN)(KTTN) P (ARNG) 4 NW UTC-5(-4DT) N40°16.60' W74°48.81'
 213 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE TTN

NEW YORK
 H-101, 121, L-34G, A
 IAP, AD

RWY 06-24: H6006X150 (ASPH-GRVD) S-120, D-180, 2S-175,
 2D-320 HIRL 0.5% up NE
RWY 06: MALSR. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 42'.
RWY 16-34: H4800X150 (ASPH-GRVD) S-120, D-180, 2S-175,
 2D-320 HIRL 0.8% up NW
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6006 TODA-6006 ASDA-6006 LDA-6006
RWY 16: TORA-4800 TODA-4800 ASDA-4800 LDA-4800
RWY 24: TORA-6006 TODA-6006 ASDA-6006 LDA-6006
RWY 34: TORA-4800 TODA-4800 ASDA-4800 LDA-4800

ARRESTING GEAR/SYSTEM

RWY 06: EMAS
RWY 16: EMAS
RWY 24: EMAS
RWY 34: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX2, 4 LGT** When twr clsd **ACTIVATE**
 HIRL Rwy 06-24 and HIRL Rwy 16-34, MALSR Rwy 06, PAPI Rwy

24 and Rwy 16 and Rwy 34, REIL Rwy 24 and Rwy 16 and Rwy 34, and twy lgts—CTAF. **MILITARY—FUEL J8** (Mil)—Avbl
 at ARNG ramp, PPR DSN 445-9261 C609-671-4857. (NC-100LL, A, PPR C609-771-9500.) **FLUID LPOX**—avbl on
 prior req 0500-1000Z†, C609-771-9500/883-2146.

AIRPORT REMARKS: Attended continuously. Fuel avbl continuously. Geese and flocks of sea gulls and deer on and invof arpt. No
 touch and go ldg or training ops 0300-1200Z†. NS ABTMT procedures in effect, departures over 12,500 lbs fly rwy
 heading until 1700' MSL, departures under 12,500 lbs fly rwy heading until 1200' MSL. TPA—for acft under 12,500
 lbs 1200(987), acft over 12,500 lbs 1700(1487). Rwy 24 VGSI and RNAV glidepath not coincident. Rwy 16 VGSI
 and RNAV glidepath not coincident. Ldg fee for all tran acft. U.S. Customs user fee arpt.

AIRPORT MANAGER: 609-882-1601

WEATHER DATA SOURCES: ASOS 126.77 (609) 538-8690. LAWR5.

COMMUNICATIONS: CTAF 120.7 ATIS 126.775 UNICOM 122.95

® PHILADELPHIA APP/DEP CON 123.8

TOWER 120.7 (1100-0300Z†) **GND CON** 121.9 **CLNC DEL** 121.9

AIRSPACE: CLASS D svc 1100-0300Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 082° 4.5 NM to fld. 294/10W.

VOR portion unusable:
 020°-040°
 250°-265° blo 3,500'
 266°-280° byd 20 NM blo 5,000'
 281°-300° byd 14 NM blo 6,000'
 300°-353° blo 5,000'

DME portion unusable:
 225°-275° byd 25 NM blo 5,000'

VOR/DME unusable:
 178 byd 5 NM
 230°-238° byd 8 NM blo 3,000'

ILS 111.3 I-TTN Rwy 06. Class IB. Unmonitored when ATCT closed.

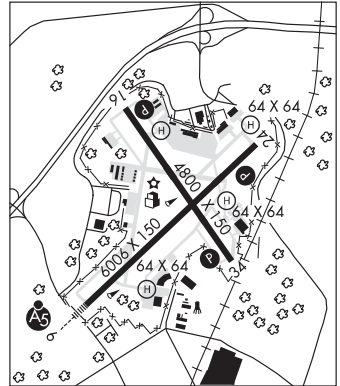
COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc PHL Apch at 757-363-5864.

HELIPAD H1: H64X64 (ASPH)

HELIPAD H2: H64X64 (ASPH)

HELIPAD H3: H64X64 (ASPH)

HELIPORT REMARKS: Helipad H1 located at intersection of Twys A and H. Helipad H2 located at NE end of Twy B. Helipad H3
 located on south apron at Twy F.



TRENTON-ROBBINSVILLE (See ROBBINSVILLE on page 172)

TRINCA (See ANDOVER on page 152)

VINCENTOWN**RED LION** (N73) 2 S UTC-5(-4DT) N39°54.25' W74°44.97'

54 B NOTAM FILE MIV

RWY 05-23: H2880X50 (ASPH) MIRL(NSTD) 0.4% up SW**RWY 05:** PAPI(P2L)—GA 4.0° TCH 28'. Trees.**RWY 23:** PAPI(P2R)—GA 5.0° TCH 35'. Trees.**SERVICE:** S4 FUEL 100LL LGT Rwy 23 PAPI OTS indef. ACTIVATE MIRL

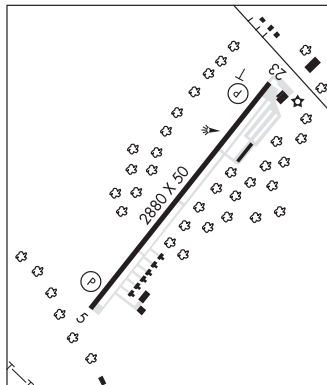
Rwy 05-23—123.5.

AIRPORT REMARKS: Attended 1300Z±-dark. Rwy 05 and Rwy 23 NSTD thld markings, approximately 50' long. Rwy 05-23 NSTD MIRL, Rwy 05 thld lgts installed 110' byd thld. Rwy markings not visible.**AIRPORT MANAGER:** 609-859-8544**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **MC GUIRE APP/DEP CON** 124.15**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COYLE (H) VORTAC** 113.4 CYN Chan 81 N39°49.04' W74°25.90' 300° 15.6 NM to fld. 204/10W.

WASHINGTON

L-34G, A

IAP

**VINELAND****KROELINGER** (29N) 3 N UTC-5(-4DT) N39°31.44' W75°02.78'

93 TPA—893(800) NOTAM FILE MIV

RWY 10-28: 2086X190 (TURF)**RWY 10:** Tree.**RWY 28:** P-line.**AIRPORT REMARKS:** Unattended. Rwy 10 trees near apch end and along rwy sides.**AIRPORT MANAGER:** 856-794-2134**COMMUNICATIONS:** CTAF 122.9**ATLANTIC CITY APP/DEP CON** 124.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**CEDAR LAKE (L) VORTAC** 115.2 VCN Chan 99 N39°32.26' W74°58.03' 267° 3.8 NM to fld. 120/10W.

WASHINGTON

L-34G, A

IAP

VINELAND—DOWNSTOWN (28N) 4 NE UTC-5(-4DT) N39°32.38' W74°58.06'

120 TPA—1320(1200) NOTAM FILE MIV

RWY 02-20: 2251X100 (TURF) LIRL(NSTD)**RWY 02:** Tree.**RWY 20:** Bldg.**RWY 12-30:** 1800X100 (TURF)**RWY 12:** Trees.**RWY 30:** Fence.**SERVICE:** S4 FUEL 100LL, JET A LGT Arpt lgts PPR call 856-697-3300.**AIRPORT REMARKS:** Attended Apr-Nov 1300-2100Z±. Unattended Dec-Mar. Arpt CLOSED at ngt to trans. Radio controlled models opr on Rwy 12. Rwy 12-30 rstd to AG and firefighting acct only. Heavy AG ops Apr-Oct. Rwy 02-20 thld and rwy end lgts NSTD colors.**AIRPORT MANAGER:** 856-697-3300**COMMUNICATIONS:** CTAF/UNICOM 122.8

WASHINGTON

WEST CREEK

EAGLES NEST (31E) 2 N UTC-5(-4DT) N39°39.93' W74°18.48'

WASHINGTON

39 B NOTAM FILE MIV

L-34G

RWY 14-32: H3670X60 (ASPH) HIRL

IAP

RWY 14: PAPI(P2L)—GA 4.0° TCH 45'. Thld dsplcd 400'. Tree.

RWY 32: PAPI(P2L)—GA 4.0° TCH 45'. Thld dsplcd 400'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 14, Rwy 32, HIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Nov-Mar SR-SS, Apr-Oct 1400-2200Z†.

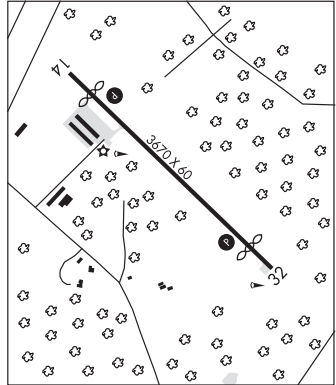
Deer on and invof arpt. Parachute Jumping. Parachute drop zone southwest corner of arpt. Remote controlled acft opr adjacent to rwy. Rwy 14 50' + tree line crossing extdd centerline beginning 750' from thld. Rwy 32 PAPI unusable 5° left of course.

AIRPORT MANAGER: 732-740-2510

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04' W74°25.90' 158° 10.8 NM to fld. 204/10W.



WEST MILFORD

GREENWOOD LAKE (4N1) 1 E UTC-5(-4DT) N41°07.70' W74°20.79'

NEW YORK

790 B TPA-1799(1009) NOTAM FILE MIV

L-33A, 34H

RWY 06-24: H3471X60 (ASPH) MIRL

IAP

RWY 06: Trees. Rgt tfc.

RWY 24: PAPI(P2L)—GA 3.5° TCH 44'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 06-24—CTAF. PAPI Rwy 24 opr continuously.

AIRPORT REMARKS: Attended 1300-2200Z†. Deer and birds on and invof arpt. Arpt subject to gusting wind and frequent cross winds. Rwy 06-24 steep rock ledges located just beyond both rwy ends. Some rwy and twy lgts taller than std. Rwy 24 VGSI and descent angle not coincident.

AIRPORT MANAGER: 973-728-7721

COMMUNICATIONS: CTAF 122.9

® **NEW YORK APP/DEP CON** 127.6

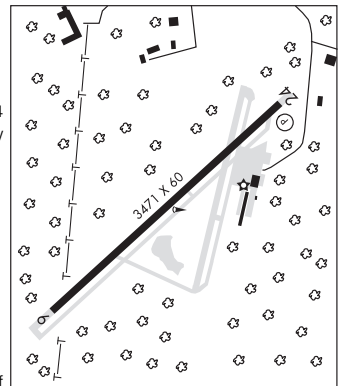
GCO 121.725

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 078° 9.4 NM to fld. 1400/11W.

VOR unusable:
075°-085° blo 6,500'
155°-165°

COMM/NAV/WEATHER REMARKS: DGCO avbl on freq 121.725 thru NYAI FSS, if unable, ctc New York Apch at 800-645-3206.



WILDWOOD

CAPE MAY CO (WWD)(KWWD) 4 NW UTC-5(-4DT) N39°00.51' W74°54.52'

WASHINGTON

H-101, 121, L-34G, A
IAP

21 B TPA—See Remarks NOTAM FILE WWD

RWY 01-19: H5003X150 (ASPH) S-45, D-75, 2S-95, 2D-120 HIRL

RWY 01: PAPI(P4L)—GA 3.5° TCH 53'. Tree.

RWY 19: PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 79'. Road.

RWY 10-28: H4998X150 (ASPH) S-45, D-75, 2S-95, 2D-120 MIRL

RWY 10: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 45'. Tower.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

RWY 10: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

RWY 19: TORA-4998 TODA-4998 ASDA-4998 LDA-4921

RWY 28: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 01-19, MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1300-2300Z \ddagger . Self-svc 100LL fuel avbl on apron near intersection of Twy A and Twy F. Birds on and invof arpt. PAEW within the safety area of all rwys and twys daily May thru Oct. Arpt clsd to ultralight acft, glider ops and formation flights except PPR (609) 886-8652 Mon-Fri 1300-2100Z \ddagger . Rwy 19 designated calm wind rwy. Twy B south of Twy A can only be used by acft with wingspans less than 79'. Twy A west of Twy F can only be used by acft with wingspans less than 79'. TPA—821(800) single engine acft, 1021(1000) twin engine acft. Unmanned aircraft systems (UAS) activity on and around airfield.

AIRPORT MANAGER: 609-886-8652

WEATHER DATA SOURCES: AWOS-3PT 118.275 (609) 886-9089.

COMMUNICATIONS: CTAF/UNICOM 122.7

ATLANTIC CITY APP/DEP CON 124.6

CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SEA ISLE (H) VORTAC 114.8 SIE Chan 95 N39°05.73' W74°48.02' 233° 7.3 NM to fld. 8/9W. HIWAS.

VOR unusable:

060°-110° byd 20 NM blo 3,900'

DME unusable:

065°-110°

238°-048° byd 34 NM blo 1,800'

TACAN AZIMUTH unusable:

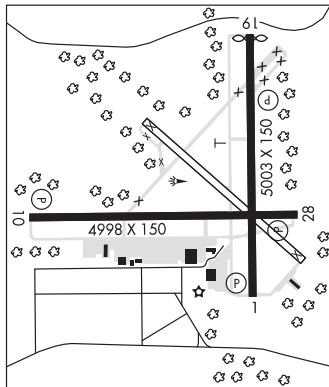
065°-110°

WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 059° 18.5 NM to fld. 5/9W.

DME unusable:

179°-293° byd 30 NM blo 2,000'

LOC 108.9 I-CEJ Rwy 19. LOC unmonitored.



WILLIAMSTOWN

SOUTHERN CROSS (CØ1) 3 SW UTC-5(-4DT) N39°39.33' W75°00.87'

WASHINGTON

145 NOTAM FILE MIV

RWY 09-27: 2400X80 (TURF)

RWY 09: P-line.

RWY 27: Tree.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended dalgt hrs. Rwy 09 p-line marked with orange balls.

AIRPORT MANAGER: 856-629-6699

COMMUNICATIONS: CTAF 122.9

WOODBINE MUNI (OBI)(KOBI) 2 SE N39°13.15' W74°47.69'

41 B NOTAM FILE MIV

RWY 01-19: H3304X75 (ASPH) S-45, D-60, 2D-120 MIRL

0.5% up N

RWY 01: Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.7° TCH 21'. Trees.

RWY 13-31: H3074X75 (ASPH) S-35, D-50, 2D-110 MIRL

RWY 13: PAPI(P2L)—GA 3.0° TCH 20'. Trees.

RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 25'. Trees.

SERVICE: S4 FUEL 100LL LGT Rwy 19 PAPI high intensity only. Rwy 13 PAPI high intensity only. Rwy 31 PAPI high intensity only. ACTIVATE MIRL Rwy 13-31 and Rwy 01-19 —CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-1930Z†. Banner towing ops Memorial through Labor Day occasionally other times. Medevac helicopter activity all days and hrs.

AIRPORT MANAGER: 609-861-1300

WEATHER DATA SOURCES: AWOS-3 120.475 (609) 861-0610.

COMMUNICATIONS: CTAF/UNICOM 123.05

® ATLANTIC CITY APP/DEP CON 124.6

GCO 121.725 (ATLANTIC CITY APP CON)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SEA ISLE (H) VORTAC 114.8 SIE Chan 95 N39°05.73'
W74°48.02' 011° 7.4 NM to fld. 8/9W. HIWAS.

VOR unusable:

060°-110° byd 20 NM blo 3,900'

DME unusable:

065°-110°

238°-048° byd 34 NM blo 1,800'

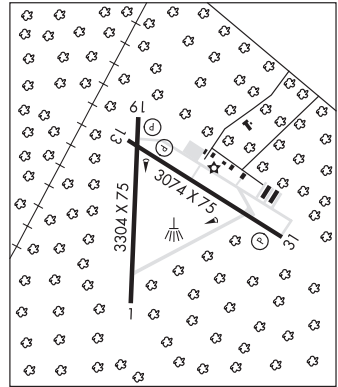
TACAN AZIMUTH unusable:

065°-110°

WASHINGTON

L-34G, A

IAP

**WOODSTOWN** N39°38.16' W75°18.18' NOTAM FILE MIV.

(L) VORTAC 112.8 OOD Chan 75 082° 13.2 NM to Cross Keys. 140/10W.

TACAN AZIMUTH unusable:

Radial 352

RCO 122.1R 112.8T (MILLVILLE RADIO)

WASHINGTON

H-10I, L-34G, A

ADIRONDACK RGNL (See SARANAC LAKE on page 240)

AIRHAVEN (See STAATSBURG on page 246)

AIRLANE ENTERPRISES (See CLAY on page 190)

AIRTREK (See WATERLOO on page 250)

AKRON (9G3) 1 E UTC-5(-4DT) N43°01.27' W78°28.96'

840 B TPA—1840(1000) NOTAM FILE BUF

RWY 07-25: H3268X75 (ASPH) S-8 MIRL 0.3% up NE

RWY 07: PAPI(P2L)—GA 4.0° TCH 54'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 55'. Road.

RWY 11-29: 1955X50 (TURF)

RWY 11: Trees.

RWY 29: Trees.

SERVICE: S4 FUEL 100LL LGT Rwy 25 REIL OTS indef. ACTIVATE

MIRL Rwy 07-25, PAPI Rwy 07 and 25 and REIL Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1300Z†-sunset. Rwy 11-29 CLOSED indef.

Deer and geese on and invof arpt. Arpt manager recommends Rwy

11-29 be used for ldfs only. Parallel twy lighted and 35' wide.

AIRPORT MANAGER: 716-542-4607

COMMUNICATIONS: CTAF/UNICOM 122.725

® **BUFFALO APP/DEP CON** 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 060° 9.1 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

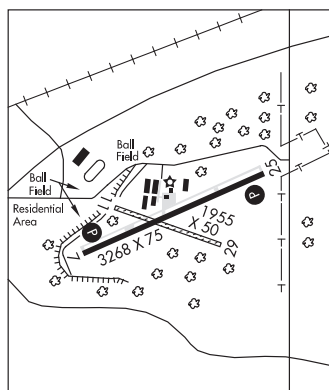
276°-035° blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

L-31E

IAP



ALBANY INTL (ALB)(KALB) P (ARNG) 6 NW UTC-5(-4DT) N42°44.95' W73°48.12'

NEW YORK

285 B AOE Class I, ARFF Index C NOTAM FILE ALB

H-101, 11C, 12K, L-32G, 33B, 34I

RWY 01-19: H8500X150 (ASPH-GRVD) S-140, D-200, 2D-400

IAP, AD

PCN 70 F/C/X/T HIRL CL

RWY 01: MALS.R. TDZL. PAPI(P4R)—GA 3.0° TCH 56'. RVR-TR

RWY 19: MALS.R. PAPI(P4L)—GA 3.0° TCH 54'. RVR-TR

RWY 10-28: H7200X150 (ASPH-GRVD) S-140, D-200, 2D-400

PCN 67 F/C/X/T MIRL CL

RWY 10: REIL. Ground.

RWY 28: REIL. PAPI(P4L)—GA 3.35° TCH 51'. Thld dspld 1193'. Tree.

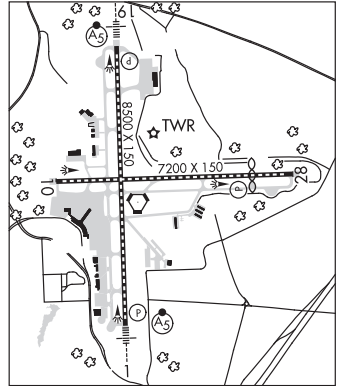
LAND AND HOLD-SHORT OPERATIONS

LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 01	10-28	4150
RWY 28	01-19	3757

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-8500 TODA-8500 ASDA-8500 LDA-8500
RWY 10: TORA-7200 TODA-7200 ASDA-6780 LDA-6780
RWY 19: TORA-8500 TODA-8500 ASDA-8500 LDA-8500
RWY 28: TORA-7200 TODA-7200 ASDA-7200 LDA-6007

SERVICE: S4 FUEL 100LL, JET A OX3 FUEL (NC-100LL, A) FLUID HPOXRB



AIRPORT REMARKS: Attended continuously. Birds, deer and other wildlife on and in/ovf arpt. Mowing within safety areas of all rwys and twys May through Nov. Wx balloon launches approximately 3 miles south of arpt at 1100Z± and 2300Z±. Twy C west of Twy A non movement area. Twy D east of Rwy 01-19 rstd to acft 12,500 lbs and less. No acft parking between fire station and Twy L. Customs/Immigration's Ft Information Service located north end General Aviation apron. Acft clearing Customs utilize painted markings and proceed to minimize blast impact. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 518-242-2352

WEATHER DATA SOURCES: ASOS (518) 464-6423 LLWAS. WSP

COMMUNICATIONS: D-ATIS 120.45 (1-800-342-0120) UNICOM 122.95

RCO 122.2 122.45 (BURLINGTON RADIO)

Ⓡ APP/DEP CON 118.05 (194°-011°) 132.825 (011°-194°)

TOWER 119.5 GND CON 121.7 CLNC DEL 127.5

AIRSPACE: CLASS C svc ctc APP CON

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

(H) VORTACW 115.3 ALB Chan 100 N42°44.84' W73°48.19' at fld. 272/13W.

VOR unusable:

020°-059° byd 13 NM blo 6,000'

060°-080°

100°-135° byd 8 NM blo 10,000'

120°-135° byd 37 NM blo 14,500'

136°-175° byd 8 NM blo 6,000'

176°-193° byd 17 NM blo 8,000'

176°-193° byd 25 NM blo 12,000'

194°-221° blo 6,000'

194°-221° byd 28 NM blo 8,000'

221°-250°

310°-320° byd 30 NM blo 5,000'

330°-019° blo 3,000'

Byd 10 NM blo 6,000'

Byd 19 NM blo 9,000'

Byd 28 NM blo 10,000'

TACAN & DME unusable:

030°-055° byd 10 NM

155°-195° byd 28 NM blo 5,500'

255°-340° byd 28 NM

ILS/DME 109.5 I-DEJ Chan 32 Rwy 01. Class IIE.

ILS/DME 109.5 I-ALB Chan 32 Rwy 19. Class IT.

COMM/NAV/WEATHER REMARKS: Class C information avbl on ATIS frequency 20 NM.

ALBION

PINE HILL (9G6) 5 SW UTC-5(-4DT) N43°10.41' W78°16.48'

669 TPA—2169(1500) NOTAM FILE BUF

RWY 10-28: H2659X36 (ASPH) S-12 LIRL(NSTD) 0.6% up E

RWY 10: Tree.

RWY 28: Thld dsplcd 250'. Road.

SERVICE: LGT ACTIVATE rwy lgts at 585-589-7758.

AIRPORT REMARKS: Unattended. For arpt conditions winter months or LIRL

or REIL Rwy 10, Rwy 28 call 585-589-7758. Parachute Jumping.

Rwy 10-28 ltd to acft 12,500 lbs. 245' twr 1500' SSE AER 28.

70'-80' trees 150' left AER 10. PAEW 75' east of Rwy 28. Rwy

10-28 NSTD LIRL first 225' east end unlgtd.

AIRPORT MANAGER: 585-589-7758

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **BUFFALO APP/DEP CON** 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 056° 22.0 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

276°-035° blo 6,000'

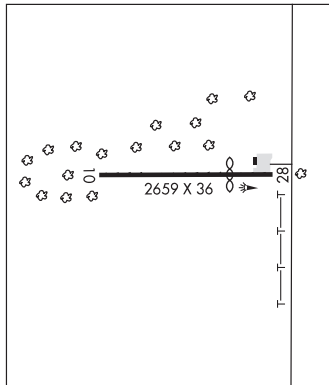
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.

DETROIT

L-31E, 32F

IAP, AD



ALPINE N42°14.32' W76°45.84' NOTAM FILE ELM.

NDB (MHW) 245 ALP 242° 7.4 NM to Elmira/Corning Rgnl. 1287/12W.

NEW YORK

L-30J, 32F

ARCADE TRI-COUNTY (D23) 2 N UTC-5(-4DT) N42°34.00' W78°25.57'

1745 NOTAM FILE BUF

RWY 09-27: 3220X60 (GRVL) MIRL

RWY 09: Tree.

RWY 27: Brush.

RWY 14-32: 2710X80 (TURF)

RWY 14: Tree.

RWY 32: Trees.

SERVICE: LGT ACTIVATE MIRL Rwy 09-27—123.0.

AIRPORT REMARKS: Unattended. Arpt CLOSED winter months. Ultralgt acft prohibited.

AIRPORT MANAGER: 716-537-9172

COMMUNICATIONS: CTAF/UNICOM 123.0

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

ARGYLE (1C3) 2 NE UTC-5(-4DT) N43°15.27' W73°28.21'

330 NOTAM FILE BTV

RWY 03-21: 2400X87 (TURF)

RWY 03: Trees.

RWY 21: Brush.

SERVICE: S4

AIRPORT REMARKS: Attended 1130Z†-dusk. Arpt may be CLOSED wet wx call 518-638-9723. Ultralghts on and invof arpt.

Rwy 03-21 width varies from 87'-100'.

AIRPORT MANAGER: 518-638-9723

COMMUNICATIONS: CTAF 122.9

NEW YORK

BABYLON N40°40.35' W73°23.06' NOTAM FILE FRG.

NDB (HW) 275 BBN 353° 3.6 NM to Republic. 14W.

NDB unusable:

Byd 15 NM

NEW YORK

COPTER

L-33B, 34H

BATAVIA**GENESEE CO** (GVQ)(KGVQ) 2 N UTC-5(-4DT) N43°01.91' W78°10.18'**DETROIT**

914 B TPA—1914(1000) NOTAM FILE GVQ

H-10H, 11B, L-31E, 32F

RWY 10-28: H5499X100 (ASPH) S-21, D-33 HIRL

IAF

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.**RWY 28:** MALSR. PAPI(P2L)—GA 3.0° TCH 62'. Trees.**SERVICE:** S4 FUEL 100LL, JET A1+ OX 1 LGT Rwy 28 MALSR OTS
indef. ACTIVATE HIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28, REIL
Rwy 10 and MALSR Rwy 28—CTAF.**AIRPORT REMARKS:** Attended Apr-Oct 1230-0100Z†, Nov-Mar
1230-2330Z†.**AIRPORT MANAGER:** 585-344-8532**WEATHER DATA SOURCES:** AWOS-3PT 127.525 (585) 343-6369.**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **ROCHESTER APP/DEP CON** 123.7

CLNC DEL 121.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.**GENESEO (L) VOR/DME** 108.2 GEE Chan 19 N42°50.06'
W77°43.97' 311° 22.6 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

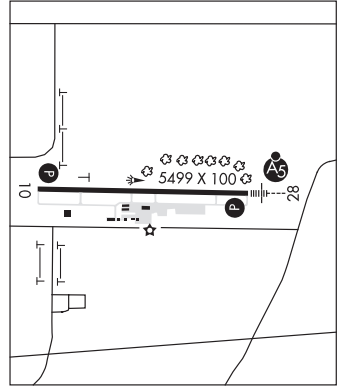
231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

ILS 108.9 I-GVQ Rwy 28. Glideslope unusable for coupled approaches below 1,433'.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.**BAYPORT AERODROME** (23N) 1 NW UTC-5(-4DT) N40°45.51' W73°03.22'**NEW YORK**

41 TPA—641(600) NOTAM FILE ISP

COPTER

RWY 18-36: 2740X150 (TURF)**RWY 18:** Trees. Rgt tfc.**RWY 36:** Thld dsplcd 550'. Trees.**AIRPORT REMARKS:** Attended 1300Z†-dusk. Arprt CLOSED 30 mins after SS-30 mins before SR. Phone at arprt
631-472-4747. Rwy 18-36 west 75' width open May-Sep, east 75' width open Oct-Apr. No clsd tfc pat or touch and
go lds. All tfc enter 45° left base for Rwy 36 at 600' MSL due to heavy jet tfc Rwy 33L at ISP. All tfc enter 45° rgt
downwind for Rwy 18 over lakes at 600' MSL due to heavy jet tfc ldg Rwy 33L at ISP. Rwy 18 thld marked with conc
blocks flush with turf sfc. Rwy 36 thld and dsplcd thld marked with conc blocks flush with turf sfc. Rwy 36 dsplcd thld
marked with 1' wide apron and 2' wide thld (white) both made with conc blocks flush with turf sfc. Pilots be advised
due to pattern procedures, acft in the run-up area or starting takeoff roll on Rwy 36, and acft on final approach to Rwy
36, may not be able to see each other due to trees.**AIRPORT MANAGER:** 631-467-3300**COMMUNICATIONS:** CTAF/UNICOM 122.7**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2963.**BECKS GROVE** (See ROME on page 238)

BINGHAMTON

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)(KBGM) 7 N UTC-5(-4DT)

NEW YORK
H-10H, 11C, 12J, L-30J, 32F, 33A
IAP, AD

N42°12.51' W75°58.78'

1636 B TPA-2436(800) Class I, ARFF Index B NOTAM FILE BGM

RWY 16-34: H7304X150 (ASPH-GRVD) S-112, D-147, 2S-159,
2D-221 PCN 45 F/D/X/T HIRL 0.9% up NW

RWY 16: MALSR. PAPI(P2L)—GA 3.0° TCH 61'. RVR-TR Thld dsplcd 399'. Antenna.

RWY 34: MALSR. PAPI(P2L)—GA 3.0° TCH 64'. RVR-TR Thld dsplcd 205'.

RWY 10-28: H5001X150 (ASPH-GRVD) S-81, D-103, 2S-159,
2D-168 PCN 32 F/D/X/T MIRL 0.4% up W

RWY 10: VASI(V4L)—GA 3.0° TCH 53'.

RWY 28: REIL. VASI(V4L)—GA 3.0° TCH 45'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 16: TORA-7304 TODA-7304 ASDA-7304 LDA-6905

RWY 28: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 34: TORA-7304 TODA-7304 ASDA-7304 LDA-7099

ARRESTING GEAR/SYSTEM

RWY 16: EMAS

RWY 34: EMAS

SERVICE: S2 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd

ACTIVATE HIRL Rwy 16-34, MIRL Rwy 10-28, MALSR Rwy 16 and Rwy 34 and twy lgts—CTAF.

AIRPORT REMARKS: Attended continuously. Lgtd structure 118' AGL 2000' south of AER 10. Bird activity on and invof arpt.

PPR 12 hrs for unscheduled air carrier ops with more than 9 passenger seats 0400-1100Z‡ call arpt manager 607-763-4474. ARFF avbl 1030-0500Z‡ and/or until 15 min after the last scheduled air carrier opr. Twr unable to see hard sfc south of FBO hangar. FBO svcs avbl Sun-Sat 0930-0300Z‡. For after hrs FBO svcs ctc 607-768-2477. Ldg fee for multi-engine and turbine acft over 4000 lbs. U.S. Customs user fee arpt.

AIRPORT MANAGER: 607-763-4471

WEATHER DATA SOURCES: ASOS (607) 729-8335

COMMUNICATIONS: CTAF 119.3 ATIS 128.15 UNICOM 122.95

BINGHAMTON RCO 122.1R 112.2T (BUFFALO RADIO)

Ⓡ BINGHAMTON APP/DEP CON 118.6 (Sfc-5000') 127.55 (6000-8000') (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP/DEP CON 132.175 (0500-1100Z‡)

BINGHAMTON TOWER 119.3 (1100-0500Z‡) GND CON 121.9 CLNC DEL 125.05

AIRSPACE: CLASS D svc 1100-0500Z‡ other times CLASS E.

TRSA svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) VOR/DME 112.2 CFB Chan 59 N42°09.45' W76°08.19' 076° 7.6 NM to fld. 1583/10W.

SMITE NDB (LOMW) 332 BG N42°06.28' W75°53.47' 340° 7.4 NM to fld. 842/12W. NOTAM FILE BGM.

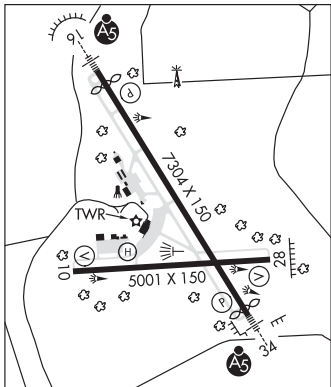
ILS 110.3 I-AAJ Rwy 16. Unmonitored when twr clsd.

ILS 110.3 I-BGM Rwy 34. Class IA. LOM SMITE NDB. Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: When BGM twr clsd, clnc del thru Flight Services on CFB VOR 122.1R/112.2T and 1-888-766-8267.

HELIPAD HI: H54X54 (ASPH) PERIMETER LGTS

HELIPAD REMARKS: Helipad located at the intersection of Twy L and the west apron.



BLUE HERON (See GALLUPVILLE on page 200)

BRIDGE N40°34.09' W73°52.98' NOTAM FILE ISP

NDB (MHW) 414 OGY 060° 6.4 NM to John F Kennedy Intl. 10/12W. SHUTDOWN.

NEW YORK
COPTER
L-34H

BRIEL N44°28.61' W74°07.44' NOTAM FILE SLK.

NDB (LOM) 395 SL 227° 6.5 NM to Adirondack Rgnl.

MONTREAL
L-32G

BROCKPORT

LEDGEDALE AIRPARK (7G0) 3 SE UTC-5(-4DT) N43°10.87' W77°54.93'

665 B NOTAM FILE BUF

RWY 10-28: H4206X75 (ASPH) S-12 MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 25'. Trees.

RWY 28: REIL. PAPI(P2R)—GA 3.0° TCH 17'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 10 and Rwy 28 PAPI OTS indef. Rwy 10 and Rwy 28 REIL OTS indef. ACTIVATE MIRL Rwy 10-28, REIL Rwy 10 and Rwy 28, PAPI Rwy 10 and Rwy 28—123.0

AIRPORT REMARKS: Attended 1500-2100Z±. For attendance other hrs Mon-Fri 585-637-5050. Deer on and invof arpt. Migratory birds on arpt in spring and fall. Rwy 28 VGSI and glidepath not coincident.

AIRPORT MANAGER: (585) 233-5117

COMMUNICATIONS: CTAF/UNICOM 122.7

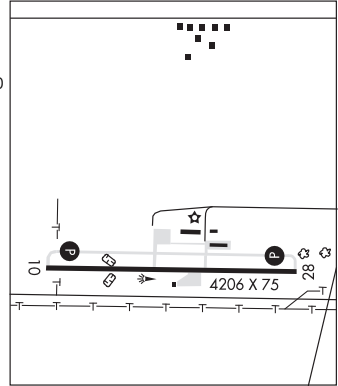
Ⓡ **ROCHESTER APP/DEP CON** 123.7

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.

ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08' W77°40.37' 302° 11.3 NM to fld. 545/12W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT
L-31E, 32F
IAP



BROOKHAVEN (See SHIRLEY on page 244)

BUFFALO

BUFFALO AIRFIELD (9G0) 6 SE UTC-5(-4DT) N42°51.72' W78°43.00'

670 B TPA-1500(830) NOTAM FILE BUF

RWY 06-24: H2668X59 (ASPH) S-8 MIRL 0.3% up NE

RWY 06: Thld dsplcd 70'. Fence.

RWY 24: Brush.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended, on call. Call arpt manager 716-668-4900. Deer on and invof arpt. 24 hrs self fuel with credit card. Rwy 06 218' safety area; Rwy 24 76' safe area. Rwy 24 56' tree 510' from rwy 242' right. Rwy 06, +5' ob, 221' from rwy; +11' brush ob, 235' from rwy.

AIRPORT MANAGER: 716-668-4900

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **APP/DEP CON** 126.15

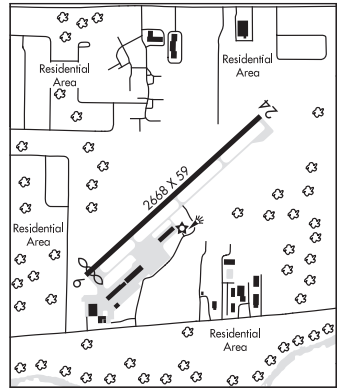
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 226° 5.1 NM to fld. 729/8W.

VOR/DME unusable:
036°-261° blo 11,000'
262°-275° blo 2,300'
276°-035° blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT
L-301, 31E
IAP



BUFFALO NIAGARA INTL (BUF)(KBUF) 5 E UTC-5(-4DT) N42°56.43' W78°43.84'

DETROIT

727 B LRA ARFF Index—See Remarks NOTAM FILE BUF

H-10H, 11B, L-31E

RWY 05-23: H8829X150 (ASPH-GRVD) S-120, D-247, 2S-175,

IAP, AD

2D-429 PCN 64 F/B/W/T HIRL CL

RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-TMR Thld dspclcd 535'. Bldg. 0.9% up.**RWY 23:** ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52'. RVR-TMR Thld dspclcd 725'. Tree.**RWY 14-32:** H7161X150 (ASPH-GRVD) S-120, D-210, 2D-359

PCN 54 F/B/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Thld dspclcd 320'. Tree.**RWY 32:** MALSR. PAPI(P4L)—GA 3.0° TCH 54'. Thld dspclcd 720'.

Sign.

RUNWAY DECLARED DISTANCE INFORMATION**RWY 05:** TORA-8828 TODA-8828 ASDA-8292 LDA-7757**RWY 14:** TORA-7161 TODA-7161 ASDA-6441 LDA-6121**RWY 23:** TORA-8828 TODA-8828 ASDA-8292 LDA-7567**RWY 32:** TORA-7161 TODA-7161 ASDA-6841 LDA-6121**SERVICE:** S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 23 ALSF2 unmonitored.**AIRPORT REMARKS:** Attended continuously. Heavy concentration of gulls, blackbirds, and starlings up to 5000' on and in/ov arpt. Deer on and in/ov arpt. Class I, ARFF Index C. ARFF Index D equipment coverage provided. Twy K1 clsd 0200-1300Z⁺ daily. Twy A SW runup area/holding bay marked design group 3 acft (generally B727 or smaller), unavbl design group 4 (includes but not ltd to B757, DC8). For FBO svcs etc 131.75, for cargo svcs etc 122.95. Ldg fee. Flight Notification Service (ADCUS) avbl.**AIRPORT MANAGER:** (716) 630-6030**WEATHER DATA SOURCES:** ASOS (716) 635-0532 WSP**COMMUNICATIONS:** D-ATIS 135.35

RCO 122.2 (BUFFALO RADIO)

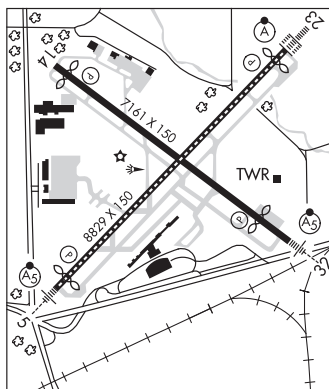
Ⓡ **APP/DEP CON** 126.15 (053°-233°) 126.5 (234°-052°)**TOWER** 120.5 **GND CON** 133.2 **CLNC DEL** 124.7 **PRE TAXI CLNC** 124.7**AIRSPACE:** CLASS C svc ctc **APP CON****VOR TEST FACILITY (VOT)** 109.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**(H) VOR/DME** 116.4 BUF Chan 111 N42°55.74' W78°38.78' 288° 3.8 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

276°-035° blo 6,000'

KLUMP NDB (LOMW) 231 BU N43°00.02' W78°39.05' 233° 5.0 NM to fld. 630/9W.**PLAZZ NDB (LOM)** 204 GB N42°52.43' W78°48.99' 052° 5.5 NM to fld. 593/9W. NOTAM FILE GBD.**ILS** 108.5 I-GBI Rwy 05. Class IA. LOM PLAZZ NDB.**ILS** 111.3 I-BUF Rwy 23. Class IE. LOM KLUMP NDB. Glideslope unusable byd 5° right of course.**ILS/DME** 109.95 I-BNQ Chan 36(Y) Rwy 32.**CLARENCE AERODROME** (D51) 5 NE UTC-5(-4DT) N43°04.00' W78°40.99'

DETROIT

589 NOTAM FILE BUF

RWY 10-28: 2500X67 (TURF) LIRL**RWY 10:** Pole.**RWY 28:** Trees.**SERVICE:** LGT ACTIVATE LIRL Rwy 10-28-122.7.**AIRPORT REMARKS:** Unattended. Ultralights on and in/ov arpt.**AIRPORT MANAGER:** (716) 984-7905**COMMUNICATIONS:** CTAF/UNICOM 122.7**BUFFALO-LANCASTER RGNL** (See LANCASTER on page 212)**BURRELLO-MECHANICVILLE** (See MECHANICVILLE on page 216)**CALVERTON** N40°55.78' W72°47.93' NOTAM FILE ISP.

NEW YORK

(L) VOR/DME 117.2 CCC Chan 119 219° 7.2 NM to Brookhaven. 85/13W.

COPTER

VOR portion unusable:

280°-290° byd 25 NM

H-10I, L-33B, 34I

CAMBRIDGE**CHAPIN FLD** (1B8) 2 N UTC-5(-4DT) N43°03.16' W73°21.79'

NEW YORK

510 NOTAM FILE BTV

RWY 05-23: 2130X65 (TURF)**RWY 05:** Tree.**RWY 23:** Trees.**RWY 07-25:** 2100X63 (TURF)**RWY 07:** Thld dspld 222'. Railroad.**RWY 25:** Thld dspld 306'. Road.**SERVICE:** S2**AIRPORT REMARKS:** Unattended. Rwy 05-23 width varies from 65'-80' based on mowing. Rwy 05-23 and Rwy 07-25 soft and wet Mar-Jun. Lgt 5' fence at Rwy 25 end. Rwy 07 and Rwy 25 dspld thld marked with striped cylinders. 14' hangar, 0' from rwy end, 66' rt.**AIRPORT MANAGER:** 518-677-8938**COMMUNICATIONS:** CTAF 122.9**CAMBRIDGE** N42°59.66' W73°20.64' NOTAM FILE BTV.

NEW YORK

(L) **VOR/DME** 115.0 CAM Chan 97 159° 7.5 NM to William H Morse State. 1490/14W. **HIWAS.** H-11C, 12I, L-32G, 34J

DME portion unusable:

040°-130° blo 9,000'

CANANDAIGUA (D38) 3 NW UTC-5(-4DT) N42°54.53' W77°19.51'

DETROIT

814 B NOTAM FILE BUF

H-12I, L-31E, 32F

RWY 13-31: H5500X100 (ASPH-GRVD) MIRL 0.4% up SE

IAP

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**RWY 31:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**SERVICE:** S4 **FUEL** 100LL, JET A+ **LGT** REIL activated only when rwy lghts are on high ints. **ACTIVATE** MIRL Rwy 13-31—CTAF.**AIRPORT REMARKS:** Attended. For svcs call 716-394-8651. For arpt conditions call 585-393-1470. Frequent medivac helicopter opr monitor CTAF.**AIRPORT MANAGER:** 315-243-7428**WEATHER DATA SOURCES:** AWOS-3 118.675 (585) 396-5861.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **ROCHESTER APP/DEP CON** 119.55**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**GENESEO (L) VOR/DME** 108.2 GEE Chan 19 N42°50.06' W77°43.97' 085° 18.5 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

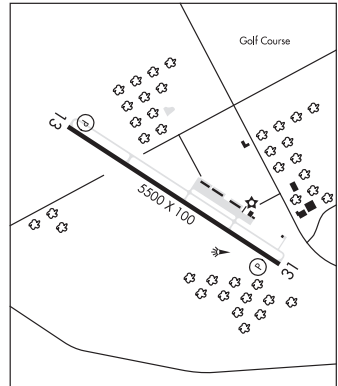
225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.**CANARSIE** N40°36.75' W73°53.67' NOTAM FILE JFK.

NEW YORK

(T) **VOR/DME** 112.3 CRI Chan 70 084° 5.5 NM to John F Kennedy Intl. 10/11W.

COPTER

VOR unusable:

047°-175°

224°-035°

L-33B, 34I

CARMEL N41°16.81' W73°34.88' NOTAM FILE ISP.

NEW YORK

(L) **VOR/DME** 116.6 CMK Chan 113 051° 7.1 NM to Danbury Muni. 694/12W.

COPTER

VOR unusable:

001°-141°

200°-225°

320°-330°

H-10I, L-33B, 34I

CATTARAUGUS CO-OLEAN (See OLEAN on page 231)**CHAPIN FLD** (See CAMBRIDGE on page 189)**CHAUTAUQUA CO/DUNKIRK** (See DUNKIRK on page 193)

CHAUTAUQUA CO/JAMESTOWN (See JAMESTOWN on page 209)

CLARENCE AERODROME (See BUFFALO on page 188)

CLAY
AIRLANE ENTERPRISES (1H1) 1 N UTC-5(-4DT) N43°12.35' W76°10.76' NEW YORK

385 NOTAM FILE BUF

RWY 01-19: 2220X75 (TURF)**RWY 01:** Brush.**RWY 19:** Trees.**RWY 10-28:** 1550X97 (TURF)**RWY 10:** Trees.**RWY 28:** Trees.

AIRPORT REMARKS: Attended dalgt hrs. Fld soft late fall and early spring. Deer on and infov arpt. Ski ops in winters. Paraplane activity, evenings and weekends. Rwy 10 line of trees +95' high, 55' left. Rwy 01-19 width varies 75' to 90'. Rwy 10-28 width varies 97' to 136'. Rwy 10-28 edges marked with barrels. Rwy 01-19 edges marked with barrels.

AIRPORT MANAGER: 315-699-5734**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

COLUMBIA CO (See HUDSON on page 207)

COOPERSTOWN-WESTVILLE (K23) 4 SE UTC-5(-4DT) N42°37.75' W74°53.46' NEW YORK

1260 TPA—2065(805) NOTAM FILE BUF

RWY 02-20: 2337X125 (TURF) MIRL(NSTD)**RWY 02:** NSTD. Trees. Rgt tfc.**RWY 20:** NSTD. Pole.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Unattended. 87 octane also avbl. Self svc fueling avbl. Call manager for svcs. Rwy 02-20 NSTD MIRL spacing, 2 thld lgts each side. Rwy edge denoted by white tires around edge lgts.

AIRPORT MANAGER: 607-287-7032**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

CORNING-PAINTED POST (7N1) 2 NW UTC-5(-4DT) N42°10.81' W77°07.30' DETROIT

963 B NOTAM FILE BUF

RWY 14-32: H3269X75 (ASPH) S-30 MIRL**RWY 14:** REIL. Tree. Rgt tfc.**RWY 32:** REIL. Tree.**SERVICE:** S3 FUEL 100LL, JET A+ LGT ACTIVATE rotating bcn, MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF.**AIRPORT REMARKS:** Attended dalgt hrs.**AIRPORT MANAGER:** 607-962-0053**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE ELM.

ELMIRA (L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 332° 6.7 NM to fld. 1632/12W.

VOR unusable:

Blo 10,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

CORTLAND CO—CHASE FLD (N03) 2 SW UTC-5(-4DT) N42°35.56' W76°12.89'

NEW YORK

1197 B NOTAM FILE N03

L-32F

RWY 06-24: H3400X75 (ASPH-GRVD) S-12 MIRL 1.0% up SW

IAP

RWY 06: PAPI(P2L)—GA 4.0° TCH 40'. Fence.**RWY 24:** REIL. PAPI(P2L)—GA 4.0° TCH 45'. Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06-24, REIL Rwy 24, PAPI Rwy 06 and Rwy24, and twy lghts—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1200-2130Z†, unattended holidays.

Other hrs call arpt manager. Self svc fuel avbl 24 hrs with credit card.

Snow removal during day only. Cold temperature rstd arpt. Altitude correction required at or blo -25C.

AIRPORT MANAGER: 607-745-5872**WEATHER DATA SOURCES:** AWOS-3 132.225 (607) 753-9784.**COMMUNICATIONS:** CTAF/UNICOM 122.8**GEORGETOWN RCO** 122.1R 117.8T (BUFFALO RADIO)**BINGHAMTON APP CON** 118.6 (S-SE) (1100-0500Z†)**ELMIRA APP CON** 124.3 (W) (1100-0500Z†)**SYRACUSE APP CON** 126.125 (N-NE)**NEW YORK CENTER APP CON** 133.35 (0500-1100Z†)**SYRACUSE DEP CON** 126.125**RADIO AIDS TO NAVIGATION:** NOTAM FILE ITH.**ITHACA (L) VOR/DME** 111.8 ITH Chan 55 N42°29.70'

W76°27.58' 072° 12.3 NM to fld. 1102/10W.

VOR portion unusable:

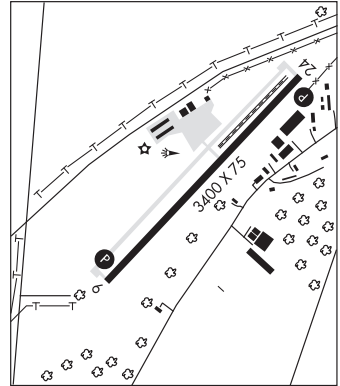
060°-080° byd 28 NM blo 2,500'

081°-150° byd 10 NM blo 3,800'

360°-059° byd 10 NM blo 3,800'

DME portion unusable:

360°-160° byd 20 NM blo 6,500'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**DANSVILLE MUNI** (DSV)(KDSV) 1 NW UTC-5(-4DT) N42°34.24' W77°42.78'

DETROIT

660 B NOTAM FILE DSV

L-301, 31E, 32F

RWY 14-32: H3500X100 (ASPH) S-30 MIRL 0.7% up SE

IAP

RWY 14: VASI(V2L)—GA 3.0° TCH 35'. Road.**RWY 32:** VASI(V4L)—GA 4.0° TCH 53'. Road.**SERVICE:** S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 14-32 and VASI Rwy 14 and Rwy 32—123.0.**AIRPORT REMARKS:** Attended Mon-Fri 1400-2130Z†. Ctc arpt manager for svc on weekend. Call arpt manager for fuel availability. Extensive glider activity. Normal glider ops utilize rgt hand pat for the turf area to the rgt of Rwy 32, left hand pat for the turf area to the left of Rwy 14. Cold temperature rstd arpt. Altitude correction required at or blo -18C.**AIRPORT MANAGER:** 585-335-5433**WEATHER DATA SOURCES:** ASOS 118.325 (585) 335-2380.**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **ROCHESTER APP/DEP CON** 123.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**GENESEO (L) VOR/DME** 108.2 GEE Chan 19 N42°50.06'

W77°43.97' 186° 15.8 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

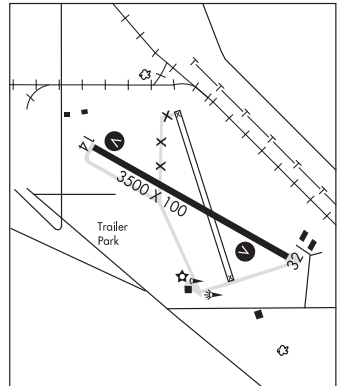
225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**DART** (See MAYVILLE on page 216)

DEER PARK N40°47.50' W73°18.22' NOTAM FILE ISP. NEW YORK
 (L) **VOR/DME** 117.7 DPK Chan 124 245° 6.3 NM to Republic. 123/12W. COPTER
 VOR/DME unusable: H-10I, L-33B, 34H
 Byd 25 NM blo 5,000'
 DME unusable:
 265°-274° byd 17 NM blo 5,000'
 275°-280°
 281°-015° byd 17 NM blo 5,000'

DEGRASSE

MOORES (1E8) 3 N UTC-5(-4DT) N44°23.28' W75°03.98' MONTREAL
 815 NOTAM FILE BTW
RWY 02-20: 2200X55 (TURF)
RWY 02: Trees.
RWY 20: Trees.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Dirt road to hangar crosses approximate midpoint of rwy. Rwy 20 58' trees 263' from rwy beginning, across rwy width and approximately 800' along both sides. Rwy 02 ditch immediately right of thld marked by cones. Rwy 20 starts at approximately 250' from trees on rwy end.
AIRPORT MANAGER: 315-276-5212
COMMUNICATIONS: CTAF 122.9

DELANCEY N42°10.70' W74°57.42' NOTAM FILE BUF. NEW YORK
 (L) **VOR/DME** 112.1 DNY Chan 58 301° 21.8 NM to Sidney Muni. 2560/11W. **HIWAS.** H-11C, 12H, L-33A

DOLGEVILLE (1F6) 1 NE UTC-5(-4DT) N43°07.00' W74°44.98' NEW YORK
 945 NOTAM FILE BUF
RWY 11-29: 1360X100 (TURF)
RWY 11: Road.
RWY 29: Trees.
AIRPORT REMARKS: Unattended. There is no definite edge for Rwy 11 which is part of a playing fld. Athletics may be going on from Jun to Nov. Radio control airplanes invof rwy throughout the year. Rwy 11-29 soft and wet during spring.
AIRPORT MANAGER: 315-429-3341
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DOWNTOWN MANHATTAN/WALL ST HELIPORT (See NEW YORK on page 220)

DRUM N44°04.23' W75°44.23' NOTAM FILE GTB. NEW YORK
NDB (MHW) 257 GTB 559/13W. L-32F

DUANESBURG (4B1) 0 S UTC-5(-4DT) N42°45.59' W74°08.08' NEW YORK
 714 TPA-1514(800) NOTAM FILE BTW
RWY 10-28: H2600X45 (ASPH) 0.5% up E
RWY 10: Road.
RWY 28: Trees.
SERVICE: FUEL 100LL
AIRPORT REMARKS: Unattended. Rwy 10-28 broken asph and loose material entire length of rwy, check with arpt management for current condition at 518-605-4502. Rwy 10 safety area has -20' slope 25' from thld. Rwy 10-28 65' trees in primary sfc south side of rwy.
AIRPORT MANAGER: 518-421-8881
COMMUNICATIONS: CTAF/UNICOM 123.0

DUNKIRK**CHAUTAQUA CO/DUNKIRK** (DKK)(KDKK) 3 E UTC-5(-4DT) N42°29.64' W79°16.27'**DETROIT**
H-10H, L-30H
IAP, AD

692 B NOTAM FILE DKK

RWY 06-24: H6000X100 (ASPH-GRVD) S-45 HIRL**RWY 06:** REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.**RWY 24:** REIL. PAPI(P4L)—GA 3.0° TCH 44'. Tree.**RWY 15-33:** H4000X100 (ASPH) S-25 MIRL 0.8% up SE**RWY 15:** PAPI(P4L)—GA 3.0° TCH 36'. Tree.**RWY 33:** PAPI(P4L)—GA 3.1° TCH 45'. Trees.**SERVICE:** S4 FUEL 100LL, JET A, A+ OX3 LGT ACTIVATE HIRL Rwy 06-24 and MIRL Rwy 15-33, and PAPI Rwy 06, Rwy 24, Rwy 15 and Rwy 33, and REIL Rwy 06 and Rwy 24—CTAF.**AIRPORT REMARKS:** Attended Nov 15–Mar 31 Mon–Fri 1100–1930Z††, Apr 1–Nov 15 Mon–Fri 1200–2030Z†. Attendance hrs are subject to change, call arpt manager at 716-484-0204 to confirm. Deer and birds invof arpt. During winter normal attendance hrs snow removal opr are avbl, snow removal may be limited on holidays, airfield rwy/twy conditions not monitored outside of normal attendance hrs. PPR for svcs outside FBO hrs, FBO opr hrs are 1300–2200Z† Mon–Sun. Please call FBO at 716-366-6938 during opr hrs or 716-410-1441 after hrs. FBO svcs include Jet A, 100LL, plane side pickup, crew car, lounge, hangar space, maintenance, and repair svcs. Cold temperature rstd arpt. Altitude correction required at or below -20C.**AIRPORT MANAGER:** 716-664-9715**WEATHER DATA SOURCES:** ASOS 119.275 (716) 366-7664.**COMMUNICATIONS:** CTAF/UNICOM 123.075**RCO** 122.1R 116.2T (BUFFALO RADIO)® **BUFFALO APP/DEP CON** 126.5**RADIO AIDS TO NAVIGATION:** NOTAM FILE DKK.**DUNKIRK (H) VOR/DME** 116.2 DKK Chan 109 N42°29.43' W79°16.45' at fld. 680/7W.

DME unusable:

100°–169° byd 17 NM blo 4,700'

170°–190° byd 17 NM blo 7,500'

191°–205° byd 17 NM blo 5,500'

206°–235° byd 17 NM blo 4,500'

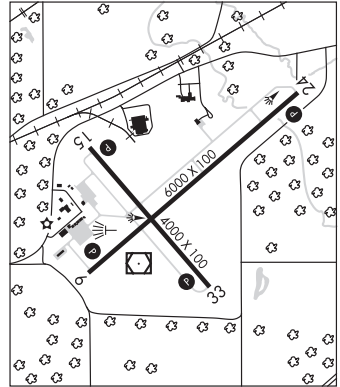
VOR portion unusable:

120°–180° byd 22 NM blo 4,000'

TACAN AZIMUTH unusable:

All radials

Dstcs blo 7,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services on DKK VOR 122.1R, 116.2T and 1-888-766-8267. Unicom, cinc del thru BUF ARTC 716-633-0676/0664.**EAST 34TH STREET HELIPORT** (See NEW YORK on page 221)

EAST HAMPTON (HTO)(KHTO) 3 W UTC-5(-4DT) N40°57.57' W72°15.10'NEW YORK
COPTER
L-33C, 341
IAP

55 B TPA—See Remarks NOTAM FILE HTO

RWY 10-28: H4255X100 (ASPH-GRVD) S-60 MIRL 0.6% up W**RWY 10:** REIL. PAPI(P2L)—GA 3.3° TCH 49'. Trees.**RWY 28:** REIL. PAPI(P2R)—GA 3.0° TCH 54'. Pole.**RWY 16-34:** H2060X75 (ASPH) S-8 0.6% up NW**RWY 16:** Road.**RWY 34:** Trees.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10, PAPI Rwy 28, REIL Rwy 10, REIL Rwy 28—CTAF (PAPI and REIL 7 clicks CTAF).**AIRPORT REMARKS:** Attended continuously. Deer on and in/ov arpt. Rwy 16-34 cracked with vegetation growing through, standing water. NS ABTMT procedures in effect. Go to:

www.ehamptonny.gov/311/airport or ctc airport manager.

TPA—1000, Jet—1500. Rwy 10 VGSI and RNAV glidepath not coincident. Twr opr from 12 May thru 10 Sept (other times by NOTAM.) Ldg fee for all tran acft to include touch and go ops.

AIRPORT MANAGER: 631-537-1130 X 5**WEATHER DATA SOURCES:** AWOS-3PT 118.075 (631) 537-2527. HIWAS 113.6 HTO.**COMMUNICATIONS:** CTAF 125.225 UNICOM 122.7**HAMPTON RCO** 122.1R 113.6T 122.6 (NEW YORK RADIO)® **NEW YORK APP/DEP CON** 125.975 **CLNC DEL** 118.95**TOWER** 125.225 (1300-0100Z†, 23 May 2016-11 Sep 2016) **GND CON** 121.9**AIRSPACE:** CLASS D svc 1300-0100Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE HTO.**HAMPTON (H) VORTAC** 113.6 HTO Chan 83 N40°55.14' W72°19.00' 064° 3.8 NM to fld. 22/13W. HIWAS.

HIWAS OTS indef

DME portion unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

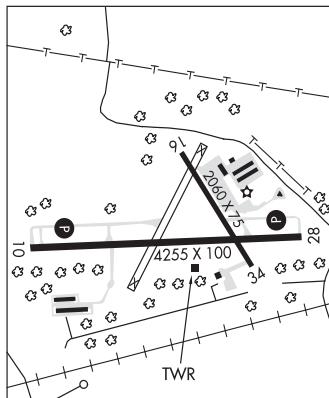
280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

VOR unusable:

055°-100° byd 22 NM

221°-231° blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2963. When twr not in use do not use 122.7.**EAST MORICHES****LUFKER** (49N) 1 NE UTC-5(-4DT) N40°49.49' W72°45.06'NEW YORK
COPTER

57 NOTAM FILE ISP

RWY N-S: 2300X100 (TURF)**RWY N:** Trees.**RWY S:** Tree. Rgt tfc.**AIRPORT REMARKS:** Attended dalgt hrs. Banner towing ops May-Oct. Glider and ultralights ops dalgt hrs May-Oct. Spadaro arpt tfc pat 590' east. Rwy N acft tiedowns 25-30' rgt from centerline 100-450' southend of rwy. Rwy N +35' powerlines 80' from rwy beginning, road 45' from rwy beginning. Rwy N-S south end of rwy marked with boards. Ldg fee.**AIRPORT MANAGER:** 631-523-6577**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2963.

SPADARO (1N2) 1 NE UTC-5(-4DT) N40°49.67' W72°44.92'

50 NOTAM FILE ISP

RWY 18-36: H2400X25 (ASPH) S-12.5

RWY 18: Trees.

RWY 36: Thld dsplcd 485'. P-line. Rgt tfc.

AIRPORT REMARKS: Attended May-Oct dalgt hrs. Parachute Jumping. Ultralghts on and infov arpt. PAEW 75' east of Rwy 18. Due to close proximity of Lufker arpt (590' between rwys) adhere to the following tfc pat. North ops, Spadaro-Rgt tfc, LUFKER-Left tfc. South ops, Spadaro-Left tfc, Lufker-Rgt tfc. Arrivals, intercept final apch 45° to final apch leg 1500' from apch end of rwy. Departures, make 45° turn as soon as possible after t/kf to intercept crosswind leg. Use south ops for l/dg when winds are 5 kts or less, or when winds are more than 5 kts 90° either side of centerline. Use north ops for t/kf with no wind, heavy gross weight and for NS ABTMT.

AIRPORT MANAGER: 631-878-1125

COMMUNICATIONS: CTAF/UNICOM 123.0

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2963.

**NEW YORK
COPTER**

EDINBURG

PLATEAU SKY RANCH (1F2) 1 NW UTC-5(-4DT) N43°13.54' W74°06.89'

1070 NOTAM FILE BTV

RWY 06-24: 2400X100 (TURF)

RWY 06: Road.

RWY 24: Road.

RWY 01-19: 2000X100 (TURF) 1.0% up N

RWY 01: Road.

RWY 19: Road.

AIRPORT REMARKS: Unattended. Ultralght acct on and infov arpt. Trap and skeet shooting between Rwy 01 and 06. Rwy 1; +30'-60' trees, 0'-240' from thld, 15'-100' left and right of centerline. Rwy 6; +20'-65' trees, 0'-500' from thld, 30'-150' left and right of centerline. Rwy 19; +17'-52' trees, 0'-230' from thld, 50'-100' right of centerline. Rwy 24; +35'-50' trees, 90'-250' from thld, 0'-125' right of centerline and +50' trees, 350'-425' from thld 110'-150' left of centerline. Rwy 01-19 edges marked with red cones all seasons exc winter. Rwy 06-24 edges marked with red cones all seasons exc winter. Acft parked/hangared on non-arpt land. Cross public road to/from arpt.

AIRPORT MANAGER: (518) 863-4338

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK

ELIZABETH FLD (See FISHERS ISLAND on page 199)

ELLENVILLE

JOSEPH Y RESNICK (N89) 1 NE UTC-5(-4DT) N41°43.67' W74°22.64'

292 B NOTAM FILE ISP

RWY 04-22: H3838X75 (ASPH) MIRL

RWY 04: REIL. PAPI(P2L). Trees.

RWY 22: REIL. PAPI(P2L). Thld dsplcd 300'. Crops. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

RWY 22: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

SERVICE: S2 FUEL 100LL LGT ACTIVATE REIL Rwy 04 and Rwy 22, MIRL Rwy 04-22 —CTAF. PAPI Rwy 04 and Rwy 22 opr continuously.

AIRPORT REMARKS: Attended 1300Z†-dusk. Rwy 04 +60' trees 200' from rwy 191' rgt. Rwy 22 +8' fence crosses runway, 24' from thld. Avoid fit over school and village when taking off Rwy 22 or apch to Rwy 04, helicopter operations follow fixed wing flight pattern. Cold temperature rstd arpt. Altitude correction required at or blo -12C.

AIRPORT MANAGER: 845-647-8401

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'

W73°49.33' 291° 25.2 NM to fld. 582/12W. **HIWAS.**

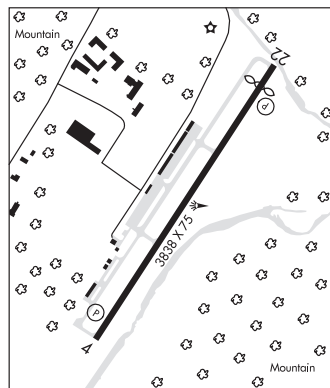
VOR portion unusable:

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.

**NEW YORK
L-33B, 34I
IAP**



ELMIRA/CORNING RGNL (ELM)(KELM) 6 NW UTC-5(-4DT) N42°09.59' W76°53.50'

NEW YORK

955 B TPA-2100(1145) ARFF Index—See Remarks NOTAM FILE ELM

H-10H, 12I, L-30J, 32F

RWY 06-24: H8001X150 (ASPH-GRVD) S-80, D-121, 2S-154,
2D-200 HIRL CL

RWY 06: MALSR. VASI(V4L)—GA 3.0° TCH 51'. RVR-TMR Thld dsplcd
600'. Tree.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. RVR-TMR Thld dsplcd
202'. Tree.

RWY 10-28: H5404X150 (ASPH-GRVD) S-57, D-90, 2S-114, 2D-150
MIRL

RWY 28: PAPI(P4L)—GA 3.0° TCH 40'. Thld dsplcd 402'.

RWY 05-23: 2017X150 (TURF)

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-2017 TODA-2017 ASDA-2017 LDA-2017

RWY 06: TORA-8001 TODA-8001 ASDA-8001 LDA-7401

RWY 10: TORA-5404 TODA-5404 ASDA-5004 LDA-5004

RWY 23: TORA-2017 TODA-2017 ASDA-2017 LDA-2017

RWY 24: TORA-8001 TODA-8001 ASDA-8001 LDA-7799

RWY 28: TORA-5404 TODA-5404 ASDA-5404 LDA-5004

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT When twr clsd ACTIVATE

MALSR Rwy 06-24, centerline lgts Rwy 06-24, HIRL Rwy 06-24, Twy A, Twy B, Twy D, Twy E, Twy J, Twy K, and Twy C north of Rwy 06-24—CTAF. When twr clsd MIRL Rwy 10-28; twy lights on Twy C, G, H south of Rwy 06-24 not avbl.

AIRPORT REMARKS: Attended continuously. Extensive glider activity on and in/ovf arpt. Birds and deer on and in/ovf arpt. Blimp activity rqr PPR, ctc arpt management at 607-426-5621. Class I, ARFF Index B. ARFF index C equipment coverage is avbl upon req ctc arpt management at 607-426-5621. Rwy 10 opr prohibited for acft with apch speeds greater than or equal to 121 knots and/or wingspans greater than or equal to 118'. Acft with wing spans greater than 93' should use extreme care when taxiing on Twy A adjacent to aprons. Rwy 05-23 (southeast of Rwy 06-24) unmarked seasonal use turf rwy clsd 1 Dec through 30 Apr. For land side access from apron when FBO clsd ctc ELM arpt attendant at 607-426-5621. Rwy 05-23 marked with asph L corner markers. Winter deicing on glycol apron only. Cold temperature rstd arpt. Altitude correction required at or blo -16C. PAPI Rwy 24 unusable byd 9° rgt of centerline. Ldg fee for all non based acft.

AIRPORT MANAGER: 607-739-5621

WEATHER DATA SOURCES: ASOS (607) 796-0065

COMMUNICATIONS: CTAF 121.1 ATIS 125.475 UNICOM 122.95

RCO 122.1R 122.2 122.4 (BUFFALO RADIO)

Ⓡ ELMIRA APP/DEP CON 128.425 (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z‡)

ELMIRA TOWER 121.1 (1100-0500Z‡) GND CON 121.9 CLNC DEL 121.9

AIRSPACE: CLASS D svc 1100-0500Z‡ other times CLASS E.

TRSA svc ctc APP CON (within 15 NM)

RADIO AIDS TO NAVIGATION: NOTAM FILE ELM.

(L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 068° 7.1 NM to fld. 1632/12W.

VOR unusable;

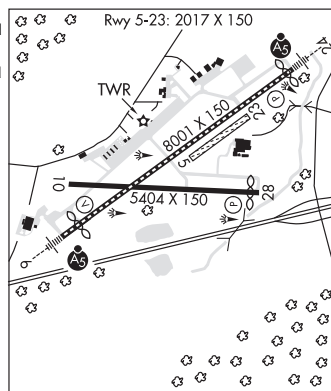
Blo 10,000'

ALPINE NDB (MHW) 245 ALP N42°14.32' W76°45.84' 242° 7.4 NM to fld. 1287/12W.

ILS 109.1 I-UEK Rwy 06. Class IA. Unmonitored when twr clsd.

ILS 109.1 I-ELM Rwy 24. Class IB. Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: When ELM APCH clsd clnc del through BUFFALO RADIO on ITH VOR 122.1R, 111.8T/800-622-6640/716-631-1096.



ENDICOTT**TRI-CITIES** (CZG)(KCZG) 3 SW UTC-5(-4DT) N42°04.71' W76°05.78'

833 B NOTAM FILE CZG

RWY 03-21: H3900X75 (ASPH) S-30 MIRL**RWY 03:** REIL. Road.**RWY 21:** REIL. PAPI(P2R)—GA 4.0° TCH 40'. Road.**SERVICE:** FUEL 100LL, JET A+ LGT Rotating bcn obscured north and west of arpt due to high terrain. ACTIVATE REIL Rwy 03 and Rwy 21; MIRL Rwy 03-21 —CTAF.**AIRPORT REMARKS:** Attended, call arpt manager for specific attendance times. High terrain all quadrants. Rwy 21 extended safety area has sfc variations/depressions. Grvl access road crosses Rwy 03 apch. High tension towers 2000' from Rwy 21 thld 60-70' tall. Microwave tower +600' 2.8 miles out 3150' left of Rwy 21; apch—unmarked/unlighted 24:1 slope. Cold temperature rstd arpt. Altitude correction required at or blo -15C/5F.**AIRPORT MANAGER:** 607-785-0467**WEATHER DATA SOURCES:** AWOS-3 119.075 (607) 785-2926.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ BINGHAMTON APP/DEP CON 118.6 (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z‡)

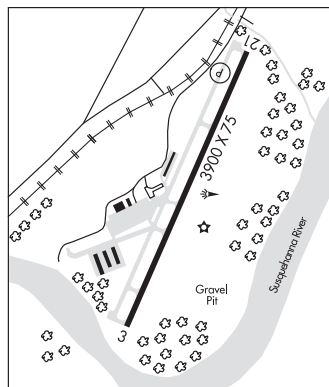
CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.**BINGHAMTON (L) VOR/DME** 112.2 CFB Chan 59 N42°09.45' W76°08.19' 169° 5.1 NM to fld. 1583/10W.**COMM/NAV/WEATHER REMARKS:** Clnc del thru Flight Services 1-888-766-8267.

NEW YORK

L-30J

IAP

**EVERS SPB** (See NEW YORK on page 221)**FALLN** N43°17.25' W76°18.28' NOTAM FILE FZY.**NDB (LOMW)** 220 FZ 329° 5.3 NM to Oswego Co. 417/13W.

NEW YORK

FARMINGDALE

REPUBLIC (FRG)(KFRG) 1 E UTC-5(-4DT) N40°43.73' W73°24.81'

NEW YORK

80 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE FRG

COPTER

RWY 14-32: H6833X150 (ASPH-GRVD) S-45, D-60 HIRL

H-101, 121, L-338, 34H

RWY 14: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 676'.

IAP, AD

Pole.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Road. Rgt tfc.

RWY 01-19: H5516X150 (ASPH-GRVD) S-45, D-60 MIRL

0.3% up N

RWY 01: REIL. PAPI(P4R)—GA 3.0° TCH 35'. Pole. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dspcd 789'. Bldg.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 32	01-19	3650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5516 TODA-5516 ASDA-5516 LDA-5516

RWY 14: TORA-6833 TODA-6833 ASDA-6833 LDA-6157

RWY 19: TORA-5516 TODA-5516 ASDA-5516 LDA-4727

RWY 32: TORA-6833 TODA-6833 ASDA-6833 LDA-6833

ARRRESTING GEAR/SYSTEM

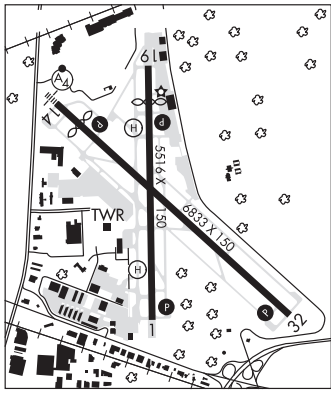
RWY 14: EMAS

RWY 32: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd

ACTIVATE HIRL Rwy 14-32, MIRL Rwy 01-19, REIL Rwys 01, 19, and 32, PAPI Rwys 01, 19, 14, and 32, and twy lgts—CTAF.

AIRPORT REMARKS: Attended continuously. Birds in/ovf arpt. Except for taxiing, Rwy 01-19 CLOSED for arrivals and departures of the following acft: scheduled air carrier acft opr with more than 9 seats and unscheduled air carrier acft opr with more than 30 seats. Voluntary NS ABTMT procedures in effect for fixed wing and helicopter. Ctc arpt management 631-752-7707 extension 6108. Class IV ARFF Index A. Index B avbl on request call 631-752-7707. Rwy 01-19 hold lines located 125' from the rwy centerline at Twy G4 and Twy G6 and Twy G7. Acft with wingspan 79' or larger are advised to taxi or back-taxi on rwys. Twys may not provide adequate width, turning radius, and or separation from obstructions. Acft with wingspan of 79' or larger are advised that clnc distances may not be adequate for tkf on Rwy 01-19 when acft are on Twy B or Twy G between Twys G4 and D and are rstd on Twy A between Twys A1 and A2. Wooded area south of Twy A, east of Twy G clsd to helicopters. Jet maintenance run ups permitted only in the Twy A6, Twy D, Twy F, and Twy G holding bays. TPA-1180(1100) conventional, 1680(1600) turbo. Acft parking for US CSTMS is located on the main terminal ramp. All international arrivals must ctc FBO for svc when clearing CSTMS. All international arrivals must not enter the main terminal ramp until FBO personnel are present for marshalling. Ctc arpt ops 122.9 MHz for instructions. Terminal use fees apply. Ldg fee for all acft exc mil and government.



AIRPORT MANAGER: 631-752-7707

WEATHER DATA SOURCES: ASOS (631) 752-8129 LAWRS.

COMMUNICATIONS: CTAF 118.8 ATIS 126.65 UNICOM 122.95

NEW YORK APP CON 128.12

NEW YORK DEP CON 125.7

TOWER 118.8 (1200-0400Z±) GND CON 121.6 CLNC DEL 128.25

AIRSPACE: CLASS D svc 1200-0400Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISF.

DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.50' W73°18.22' 245° 6.3 NM to fld. 123/12W.

VOR/DME unusable:

Byd 25 NM blo 5,000'

DME unusable:

265°-274° byd 17 NM blo 5,000'

275°-280°

281°-015° byd 17 NM blo 5,000'

BABYLON NDB (HW) 275 BBN N40°40.35' W73°23.06' 353° 3.6 NM to fld. 14W. NOTAM FILE FRG.

NDB unusable:

Byd 15 NM

FRIKK NDB (LOM) 407 FR N40°46.59' W73°28.95' 146° 4.3 NM to fld. 153/14W. NOTAM FILE FRG.

ILS 111.9 I-FRG Rwy 14. Class IE. LOM FRIKK NDB. Glideslope unusable for coupled apch blo 310' MSL. LOM NDB unmonitored.

HELIPAD H1: H79X79 (ASPH)

HELIPAD H2: H44X44 (ASPH)

HELIPORT REMARKS: H1 located on Twy B at the intersection of Twy F. H2 located on Twy B north of Twy B4.

FINGER LAKES RGNL (See SENECA FALLS on page 243)

FISHERS ISLAND

ELIZABETH FLD (ØB8) 8 SE UTC-5(-4DT) N41°15.08' W72°01.90'

NEW YORK

9 NOTAM FILE BDR

L-33C, 34I

RWY 12-30: H2328X100 (ASPH) MIRL

IAP

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Road.

RWY 30: REIL. PAPI(P2R)—GA 3.0° TCH 20'.

RWY 07-25: H1792X75 (ASPH) MIRL

RWY 07: REIL. PAPI(P2L)—GA 3.75° TCH 20'. Ground.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Trees.

SERVICE: LGT ACTIVATE MIRL Rwy 07-25 and 12-30, PAPI Rwy 07, Rwy 12, Rwy 25 and Rwy 30, REIL Rwy 07, Rwy 12, Rwy 25 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended May-Oct Mon-Sat 1300-2130Z†, Sun 1500-2130Z†. Unattended 1 Nov-30 Apr. Arpt located 7.0 NM SE of New London CT. Ldg fee.

AIRPORT MANAGER: 631-788-7463

COMMUNICATIONS: CTAF/UNICOM 122.8

GROTON RCO 122.1R 110.85T (BRIDGEPORT RADIO)

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045-0500Z‡)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

GROTON (T) VOR/DME 110.85 GON Chan 45(Y) N41°19.82'

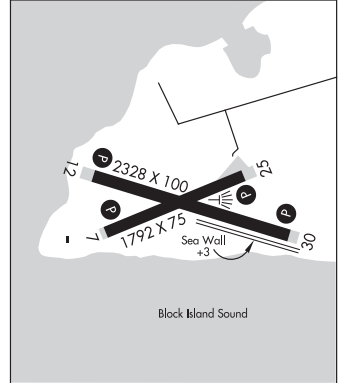
W72°03.12' 183° 4.8 NM to fld. 9/14W.

VOR portion unusable:

241°-265° blo 5,000'

DME unusable:

355°-019° blo 3,000'



FLOYD BENNETT MEM (See GLENS FALLS on page 202)

FORT ANN

HARRIS (83K) 2 W UTC-5(-4DT) N43°24.59' W73°31.96'

NEW YORK

261 NOTAM FILE BTV

RWY 04-22: 2200X50 (TURF) 1.7% up SW

RWY 04: Tree. Rgt tfc.

RWY 22: Tree.

AIRPORT REMARKS: Unattended. No flying west of rwy over houses. Upslope at thld Rwy 22.

AIRPORT MANAGER: (518) 361-1380

COMMUNICATIONS: CTAF 122.9

FRANCIS S GABRESKI (See WESTHAMPTON BEACH on page 252)

FRANKFORT-HIGHLAND (See UTICA/FRANKFORT on page 248)

FREEHOLD (115) 1 NW UTC-5(-4DT) N42°21.84' W74°03.90'

NEW YORK

440 NOTAM FILE BTV

RWY 12-30: H2275X22 (ASPH) 0.7% up NW

RWY 12: Fence.

RWY 30: Brush.

AIRPORT REMARKS: Attended Apr-Dec 1400Z†-dusk. Extensive glider activity, especially on weekends. Rwy 12-30 sfc broken and spalling for entire length. Ctc arpt manager for fld conditions Dec 1-Apr 1, 518-966-8503. Rgt tfc for gliders Rwy 12 only. Rwy 12-30 100' by 2640' turf rwy adjacent to paved rwy (south edge) beginning at 735' from Rwy 30 thld.

AIRPORT MANAGER: 518-966-8503

COMMUNICATIONS: CTAF 122.85

FRIKK N40°46.59' W73°28.95' NOTAM FILE FRG.

NEW YORK

NDB (LOM) 407 FR 146° 4.3 NM to Republic. LOM NDB unmonitored.

FULTON**OSWEGO CO** (FZY)(KFZY) 3 NE UTC-5(-4DT) N43°21.05' W76°23.28'

NEW YORK

475 B NOTAM FILE FZY

H-11C, 12J, L-32F

RWY 15-33: H5196X100 (ASPH-GRVD) S-30 HIRL 0.6% up SE

IAP, AD

RWY 15: REIL. Pole.**RWY 33:** REIL. PAPI(P4L)—GA 3.55° TCH 38'. Thld dsplcd 414'. Fence.**RWY 06-24:** H3996X100 (ASPH-GRVD) S-38, D-70 MIRL

0.3% up NE

RWY 06: REIL. Trees.**RWY 24:** REIL. Hill.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 33:** TORA-5196 TODA-5196 ASDA-5196 LDA-5196**SERVICE:** S4 FUEL 100LL, JET A LGT HIRL Rwy 15-33 and PAPI Rwy

33 preset low ints SS-SR, to increase ints ACTIVATE—CTAF.

ACTIVATE REIL Rwy 15-33, MIRL Rwy 06-24, PAPI Rwy 33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1230-2100Z, Sat-Sun

1300-2130Z. Attendance other hrs, call arpt manager. Rwy

conditions may not be monitored or reported when arpt is unattended.

During periods of snow removal operations Nov 1 thru Apr 1 acft must

ctc arpt on freq 123.0 10 minutes prior to ldg. Deer and birds on or

invol arpt. Ultralight activity on and invol arpt. Acft de-icing avbl, ctc

arpt manager at 315-591-9130. Rwy 33 designated calm wind rwy.

Grass cutting equipment operations adjacent to all operational surfaces daylight hours May thru Oct.

AIRPORT MANAGER: 315-591-9130**WEATHER DATA SOURCES:** AWOS-3 119.275 (315) 598-8773.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® SYRACUSE APP/DEP CON 134.275

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.**SYRACUSE (H) VORTACW** 117.0 SYR Chan 117 N43°09.63' W76°12.27' 336° 14.0 NM to fld. 453/11W.

HIWAS.

TACAN AZIMUTH & DME unusable:

Byd 35 NM blo 4,000'

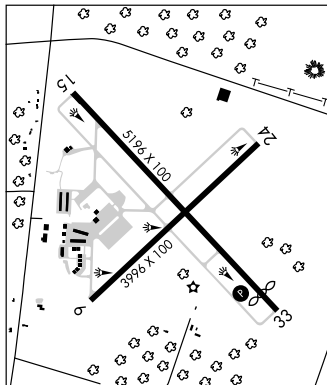
VOR unusable:

067°-077° byd 30 NM

134°-144° byd 19 NM

FALLN NDB (LOMW) 220 FZ N43°17.25' W76°18.28' 329° 5.3 NM to fld. 417/13W. NOTAM FILE FZY.

ILS/DME 110.9 I-FZY Chan 46 Rwy 33. LOM FALLN NDB.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**FULTON CO** (See JOHNSTOWN on page 210)**GALLUPVILLE****BLUE HERON** (N25) 3 NE UTC-5(-4DT) N42°41.84' W74°11.97'

NEW YORK

1200 NOTAM FILE BTV

RWY 09-27: 2600X70 (TURF)**RWY 09:** Road.**RWY 27:** Trees.**AIRPORT REMARKS:** Attended Apr-Oct dawn-dusk. Ctc arpt manager for fld conditions during winter and Apr-May. Rwy 27;

+40'-100' trees, across thld.

AIRPORT MANAGER: 518-872-2638**COMMUNICATIONS:** CTAF 122.9**GANSE** N43°15.31' W73°36.35' NOTAM FILE GFL.

NEW YORK

NDB (LOM) 209 GF 012° 5.2 NM to Floyd Bennett Mem.

GANSEVOORT**HEBER AIRPARK** (K3Ø) 2 SE UTC-5(-4DT) N43°11.00' W73°37.99'

NEW YORK

230 NOTAM FILE BTV

RWY 06-24: H2200X24 (ASPH) MIRL(NSTD)**RWY 06:** Thld dspclcd 200'. Road. Rgt tfc.**RWY 24:** Tree.**SERVICE:** LGT ACTIVATE NSTD MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Unattended. Birds and wildlife on and invof arpt. 25' dropoff 10' from Rwy 24 thld. Rwy 24 uphill grade exceeds 2% up. Recommended ldg Rwy 24, tlf Rwy 06. Skydiving on and invof arpt May-Oct. Lgt colored full width conc pavement section 144' from Rwy 24 thld, 20' long. Golf course adjacent to rwy both sides.. Rwy 06-24 NSTD MIRL due to spacing, 33' from rwy edge on 3' wood posts. Rwy 06-24 NSTD dspclcd thld, no bar.**AIRPORT MANAGER:** 518-793-8983**COMMUNICATIONS:** CTAF 122.9**GARNSEYS** (See SCHUYLERVILLE on page 242)**GASPORT****ROYALTON** (9G5) 1 SE UTC-5(-4DT) N43°10.92' W78°33.47'

DETROIT

628 NOTAM FILE BUF

RWY 07-25: H2530X35 (ASPH) MIRL**RWY 07:** Road.**RWY 25:** Thld dspclcd 300'. Tree.**SERVICE:** FUEL 100LL, MOGAS LGT ACTIVATE MIRL Rwy 07-25—CTAF.**AIRPORT REMARKS:** Attended 1400-2300Z±. Ultralghts on and invof arpt.**AIRPORT MANAGER:** 716-804-6857**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Clnc del thru Flight Services 1-888-766-8267.**GENESEE CO** (See BATAVIA on page 185)**GENESEO** (D52) 1 W UTC-5(-4DT) N42°47.92' W77°50.55'

DETROIT

560 TPA—1960(1400) NOTAM FILE BUF

RWY 05-23: 4695X90 (TURF)**RWY 05:** Trees.**RWY 23:** Trees. Rgt tfc.**AIRPORT REMARKS:** Attended Apr-Sep 1500-2100Z±; Oct-Mar, Mon, Wed, Fri 1500-2100Z±. Attendance requests for other than scheduled times call 585-243-2100. Two lgt antenns left of Rwy 23 in the village of Geneso. Rwy 05-23 ends are not clearly marked. Rwy 05 end marked with white paint at edges and orange cones only during airshow. Rwy 23 end marked with white paint at edges only during airshow. Rwy 23 end marked with white paint at edges. Rwy 05 has +90° trees 155' from rwy beginning 110' right and continues across centerline at an angle. Rwy 05 has +29° powerline 38' from rwy, 125' right and continues across rwy centerline at an angle. Rwy 23 has 50-75° trees 250' from rwy 125' centerline. Turf soft and wet for first 1000 ft from thld of Rwy 23 during Oct-May.**AIRPORT MANAGER:** 585-243-2100**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru Flight Services 1-888-766-8267.**GENESEO** N42°50.06' W77°43.97' NOTAM FILE BUF.

DETROIT

(L) VOR/DME 108.2 GEE Chan 19 324° 12.5 NM to Le Roy. 990/9W.

H-10H, 11C, 12I, L-31E, 32F

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

RCO 122.1R 108.2T (BUFFALO RADIO)**GEORGETOWN** N42°47.34' W75°49.60' NOTAM FILE BUF.

NEW YORK

(L) VORTAC 117.8 GGT Chan 125 085° 12.2 NM to Hamilton Muni. 2040/11W.

L-32F

VOR unusable:

105°-279° blo 4,000'

RCO 122.1R 117.8T (BUFFALO RADIO)

GHENT

KLINE KILL (NY1) 2 N UTC-5(-4DT) N42°21.01' W73°38.22'

NEW YORK

380 NOTAM FILE BTV

RWY 01-19: 4000X75 (TURF)

RWY 01: Trees.

RWY 19: P-line.

SERVICE: S4

AIRPORT REMARKS: Unattended. Rwy 19 has +16' road, 22' from rwy, at centerline. Unmarked turf area adjacent to rwy may be used for twy on north and south ends. Turf grades near south paved apron unsuitable for acft movement.

AIRPORT MANAGER: 518-527-2762

COMMUNICATIONS: CTAF 122.9

GIERMEK EXECUTIVE (See OLEAN on page 231)

GLENS FALLS

FLOYD BENNETT MEM (GFL)(KGFL) 3 NE UTC-5(-4DT) N43°20.47' W73°36.62'

NEW YORK

328 B TPA-1128(800) LRA Class IV, ARFF Index A NOTAM FILE GFL

H-11C, 12K, L-32G

RWY 01-19: H5000X150 (ASPH-GRVD) S-80, D-110, 2S-117,

2D-180 PCN 48 F/A/X/T HIRL

RWY 01: MALSR. PAPI(P4L)—GA 3.0° TCH 53'.

RWY 19: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 12-30: H3999X100 (ASPH) S-39, D-53, 2D-76

PCN 48 F/A/X/T MIRL

RWY 12: Tree.

RWY 30: Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 12: TORA-3999 TODA-3999 ASDA-3999 LDA-3999

RWY 19: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 30: TORA-3999 TODA-3999 ASDA-3999 LDA-3999

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 01-19, MIRL Rwy 12-30, MALSR Rwy 01, PAPI Rwy 19 and twy lghts—CTAF.

AIRPORT REMARKS: Attended 1300-2300Z±. Self-svc 100LL fuel avbl. Full svc fueling avbl after hrs by pre-arrangement, call 518-798-3091. Birds and deer on and in/ov arpt. PJE airspace defined as 5 NM radius of GFL. Ultralight activity on and in/ov arpt. Grass cutting equipment ops adjacent to all opr fcfs dalgt hours May thru Oct. During periods of snow removal ops Nov 1-Apr 1 acft must ctc arpt on frequency 123.0 10 minutes prior to ldg. Rwy conditions may not be monitored or reported when the arpt is unattended. Ultralight acft use 500' AGL left tfc for all rwys. Four obstruction lgt poles 1 1/2 mile to 1 3/4 mile N of Rwy 19. Rwy 01 designated as calm wind rwy. Rwy 12 and 19 approaches obscured from one another due to high ground. PPR 48 hrs for air carrier ops with more than 30 passenger seats call arpt manager 518-792-5995. Index B coverage is provided. For after hrs acft maintenance assistance call 518-928-8515. Cold temperature rstd arpt. Altitude correction required at or blo -18°C.

AIRPORT MANAGER: 518-792-5995

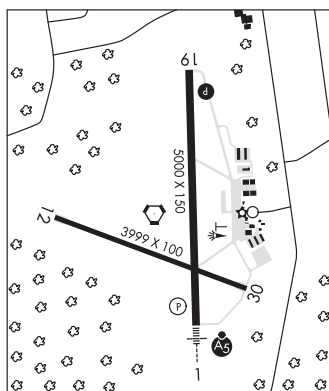
WEATHER DATA SOURCES: ASOS 119.925 (518) 743-1728.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 110.2T (BURLINGTON RADIO)

GLENS FALLS RCO 122.2 122.4 (BURLINGTON RADIO)

Ⓡ ALBANY APP/DCP CON 132.825



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE GFL.

GLENS FALLS (L) VORTAC 110.2 GFL Chan 39 N43°20.50' W73°36.71' at fld. 324/14W.

DME unusable:

Blo 9,000'

VOR unusable:

002°-009° blo 11,000'

010°-020° byd 20 NM blo 6,000'

010°-020° byd 30 NM

021°-090° blo 10,000'

091°-159° blo 7,000'

160°-170° byd 30 NM

171°-198° blo 7,000'

199°-203° blo 10,000'

204°-269° blo 7,000'

270°-299° blo 10,000'

300°-001° blo 10,000'

TACAN AZIMUTH unusable:

Blo 9,000'

TACAN azimuth OTS indef

GANSE NDB (LOM) 209 GF N43°15.31' W73°36.35' 012° 5.2 NM to fld.

ILS 110.7 I-GFL Rwy 01. Class IT. LOM GANSE NDB.

GLENS FALLS N43°20.50' W73°36.71' NOTAM FILE GFL.

NEW YORK

(L) VORTAC 110.2 GFL Chan 39 at Floyd Bennett Mem. 324/14W.

H-11C, 12I, L-32G

DME unusable:

Blo 9,000'

VOR unusable:

002°-009° blo 11,000'

010°-020° byd 20 NM blo 6,000'

010°-020° byd 30 NM

021°-090° blo 10,000'

091°-159° blo 7,000'

160°-170° byd 30 NM

171°-198° blo 7,000'

199°-203° blo 10,000'

204°-269° blo 7,000'

270°-299° blo 10,000'

300°-001° blo 10,000'

TACAN AZIMUTH unusable:

Blo 9,000'

TACAN azimuth OTS indef

RCO 122.1R 110.2T (BURLINGTON RADIO)**RCO** 122.2 122.4 (BURLINGTON RADIO)

GORHAM

MIDLAKES (92G) 3 W UTC-5(-4DT) N42°48.85' W77°12.18'

DETROIT

1080 NOTAM FILE BUF

Rwy 14-32: 1820X55 (TURF) 1.1% up SE**Rwy 14:** Trees.**Rwy 32:** Road.**SERVICE:** S2**AIRPORT REMARKS:** Attended irregularly. Rwy 14-32 soft and wet during Mar-Jun. Rwy 32 +80' trees 735' from thld +80' left and right of centerline. Rwy 14-32 marked with orange cones.**AIRPORT MANAGER:** 585-554-4168**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

GOWANDA (D59) 3 N UTC-5(-4DT) N42°30.24' W78°57.04' DETROIT
 830 NOTAM FILE BUF
RWY 09-27: 3430X100 (TURF) LIRL(NSTD)
RWY 09: Trees. Rgt tfc.
RWY 27: Thld dsplcd 1132'. Rgt tfc.
SERVICE: FUEL 80, 100 LGT Rwy 09-27 rwy lgts OTS indef. For rwy lgts key 121.65.
AIRPORT REMARKS: Unattended. Fuel dispenser labeled as 87 octane. Rwy 09-27 soft and wet Mar-Jun. Truck tfc near Rwy 27. Rwy 09-27 dirt road crosses rwy at approximately midpoint of rwy. Rwy 27, 88' high conveyor belt/crane and dirt pile, 200' from AER, 81' left. Rwy 09-27 NSTD LIRL, dsplcd portion of rwy has blue lgts. Dsplcd thld, several lgts knocked down, bulbs missing, dsplcd thld unmarked. No lights on first 200' of Rwy 27. Bulbs missing from REIL.
AIRPORT MANAGER: 716-532-3371
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

GREAT VALLEY (N56) 1 SE UTC-5(-4DT) N42°12.30' W78°38.84' DETROIT
 1450 NOTAM FILE BUF
RWY 06-24: 3800X60 (TURF) LIRL(NSTD)
RWY 06: Tree. Rgt tfc.
RWY 24: Tree. Rgt tfc.
SERVICE: LGT ACTIVATE LIRL Rwy 06-24—CTAF.
AIRPORT REMARKS: Attended dalgt hrs. During winter months call 716-945-5106 for rwy conditions. Rwy 06 +6' brush 40' from rwy end both sides of centerline, trees 30'-80', 100'-300' fm rwy end. 90'-200' left of centerline. Rwy 24 44' tree 52' fm rwy end 95' left of centerline. Rwy 06-24 LIRL NSTD due to spacing also thld lgts not red/green. Rwy 24 unlighted first 400'. Rwy 06-24 width is 60' but lgts are 90' across.
AIRPORT MANAGER: 716-904-0280
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 124.325 or call ZOB 440-774-0227.

GREATER BINGHAMTON/EDWIN A LINK FLD (See BINGHAMTON on page 186)

GREATER ROCHESTER INTL (See ROCHESTER on page 237)

GREEN ACRES (See LIVINGSTON on page 213)

GREENE (4N7) 2 SW UTC-5(-4DT) N42°18.25' W75°47.23' NEW YORK
 935 NOTAM FILE BUF
RWY 07-25: 2665X200 (TURF) LIRL
RWY 07: Tree.
RWY 25: Tree.
SERVICE: S4 LGT ACTIVATE LIRL Rwy 07-25 4 clicks—CTAF.
AIRPORT REMARKS: Attended dalgt hrs. Rwy 25 has numerous +30'-90' trees, both sides at thld. Rwy numbers etched into turf sfc both ends. Deer and geese on and invof arpt. During winter check FSS for NOTAMs.
AIRPORT MANAGER: (607) 358-5801
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

GREENVILLE-RAINBOW (1H4) 1 E UTC-5(-4DT) N42°25.00' W74°00.97' NEW YORK
 840 NOTAM FILE BTV
RWY 17-35: 1801X75 (TURF) 2.2% up N
RWY 17: Thld dsplcd 112'. Trees.
RWY 35: Trees.
AIRPORT REMARKS: Attended May-Nov. dalgt hrs. Arpt CLOSED Dec. 1-Apr 1. Rwy 17-35 may be clsd after rains due to wetness. Rwy 17-35 soft and wet during Mar-Jun. +30' p-line parallel to and 150' west of rwy centerline. Rwy 35 edges and thld marked by white markers (1' square). Rwy 17 edges and dsplcd thld marked by white markers (1' square), end of usable rwy not marked and is 112' north of white thld markers.
AIRPORT MANAGER: 518-966-5343
COMMUNICATIONS: CTAF/UNICOM 122.8

GRIFFISS INTL (See ROME on page 239)

HAMBURG INC (4G2) 4 W UTC-5(-4DT) N42°42.05' W78°54.89'

DETROIT

751 NOTAM FILE BUF

L-30H, 31E

RWY 01-19: H2465X30 (ASPH) LIRL(NSTD)**RWY 01:** Thld dspclcd 462'. Trees.**RWY 19:** Thld dspclcd 456'. Pole.**SERVICE:** S2 **FUEL** 100 **LGT** ACTIVATE LIRL Rwy 01-19—CTAF.**AIRPORT REMARKS:** Unattended. Self serve fuel. Ultraflight acct on and invof arpt. Tie down area avbl east of Rwy 19 end. Rwy 01-19 NSTD LIRL due to placement.**AIRPORT MANAGER:** 716-627-2440**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**BUFFALO (H) VOR/DME** 116.4 BUF Chan 111 N42°55.74' W78°38.78' 229° 18.1 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

276°-035° blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**HAMILTON MUNI** (VGC)(KVGC) 1 NE UTC-5(-4DT) N42°50.61' W75°33.67'

NEW YORK

1137 TPA—2103(966) NOTAM FILE BUF

H-10I, 11C, 12I, L-32F

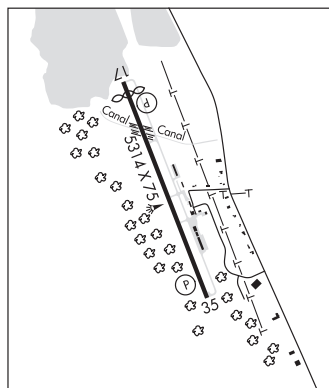
RWY 17-35: H5314X75 (ASPH-GRVD) S-20, D-60 MIRL

IAF

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dspclcd 300'.**RWY 35:** REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 17:** TORA-5314 TODA-5314 ASDA-5314 LDA-5014**RWY 35:** TORA-5314 TODA-5314 ASDA-5014 LDA-5014**SERVICE:** S4 **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE MIRL Rwy 17-35, and REIL Rwy 17 and Rwy 35-122.7.**AIRPORT REMARKS:** Attended 1400-2200Z. After hrs fuel avbl by appointment for a fee ctc arpt mgr. Maintenance shop airframe/powerplant and inspection authorization avbl Mon-Fri 1400-2200Z. Deer on and invof Rwy 17-35. Migratory birds on and invof arpt spring and fall. Ultraflgts on and invof arpt. Rwy 17-35 south end has 572' safety area. Windmills north of Rwy 35. Taxi svc and car rental avbl. NS ABTMT procedures in effect, all acct depart and maintain rwy heading until 2100' MSL before making turn out. Cold temperature rstd arpt. Altitude correction required at or blo -25C/-13F.**AIRPORT MANAGER:** 315-824-6681**WEATHER DATA SOURCES:** AWOS-3P 119.425 (315) 824-1825.**COMMUNICATIONS:** CTAF/UNICOM 123.0**GEORGETOWN RCO** 122.1R 117.8T (BUFFALO RADIO)Ⓡ **SYRACUSE APP/DEP CON** 126.125**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**GEORGETOWN (L) VORTAC** 117.8 GGT Chan 125 N42°47.34' W75°49.60' 085° 12.2 NM to fld. 2040/11W.

VOR unusable:

105°-279° blo 4,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**HAMPTON** N40°55.14' W72°19.00' NOTAM FILE HTO.

NEW YORK

(H) VORTAC 113.6 HTO Chan 83 064° 3.8 NM to East Hampton. 22/13W. **HIWAS.**

COPTER

HIWAS OTS indef

H-10I, 12I, L-33C, 34I

DME portion unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

VOR unusable:

055°-100° byd 22 NM

221°-231° blo 6,000'

RCO 122.1R 122.6 113.6T (NEW YORK RADIO)**HANCOCK** N42°03.78' W75°18.98' NOTAM FILE BUF.

NEW YORK

(H) VOR/DME 116.8 HNK Chan 115 2070/11W. **HIWAS.**

H-10I, 11C, 12I, L-30K, 33A

RCO 122.1R 116.8T (BUFFALO RADIO)

HARRIS (See FORT ANN on page 199)

HASTERSTRAW HELIPORT (H43) 1 E UTC-5(-4DT) N41°12.66' W73°58.16'
12 NOTAM FILE ISP

NEW YORK

HELIPAD H1: H50X50 (ASPH) RWY LGTS(NSTD)

HELIPAD H1: Bldg.

SERVICE: FUEL JET A LGT For flood lgts call 914-429-1200.

HELIPORT REMARKS: Attended 1200-0000Z†. For svc after hrs call 212-883-0999. Helipad H1 350' twrs 800' north of helipad. Helicopters descend to point on turf area west of pavement and taxi to paved location. NS ABTMT, avoid residential area west of heliport. Helipad H1 flood lgts.

AIRPORT MANAGER: 845-429-1200

COMMUNICATIONS: CTAF/UNICOM 123.05

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2849.

HEBER AIRPARK (See GANSEVOORT on page 201)

HOLLANDS INTL FLD (See NEWFANE on page 228)

HORNELL MUNI (HTF)(KHTF) 3 N UTC-5(-4DT) N42°22.93' W77°40.93'
1219 B TPA-2219(1000) NOTAM FILE BUF

DETROIT

H-10H, 11C, 12J, L-301, 31E, 32F
IAP

RWY 18-36: H5000X75 (ASPH-GRVD) MIRL 0.5% up N

RWY 18: REIL. Thid dsplcd 500'. Hill.

RWY 36: REIL. PAPI(P4L)-GA 3.0° TCH 50'. Trees.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 18-36 and REIL Rwy 18-36-CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. Frequent helicopter medivac ops, monitor CTAF. Cold temperature rstd arpt. Altitude correction required at or blo -21C/-6F. Rwy 36 PAPI unusable byd 5 degs right and left of centerline.

AIRPORT MANAGER: 607-324-2742

WEATHER DATA SOURCES: AWOS-3 118.475 (607) 324-9138.

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEVELAND CENTER APP/DEP CON 124.325 or call ZOB 440-774-0227

RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.

WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38'

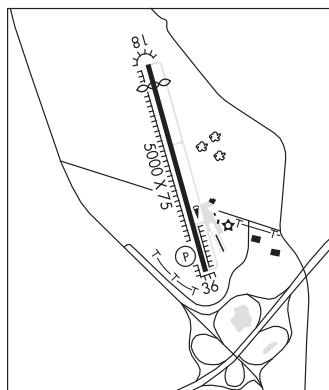
W77°59.97' 048° 22.5 NM to fld. 2297/9W.

VOR unusable:

038°-058° byd 36.0 NM blo 5,000'

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services

1-888-766-8267.



HUDSON

COLUMBIA CO (1B1) 4 NE UTC-5(-4DT) N42°17.48' W73°42.62'

198 B LRA NOTAM FILE BTV

RWY 03-21: H5350X100 (ASPH-GRVD) S-69, D-111, 2D-358

PCN 29 F/C/X/T MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 29'.

RWY 21:—GA 3.52° TCH 41'. Thld dspcd 160'. Tree.

SERVICE: S3 FUEL 100, 100LL, JET A1+ OX 1, 3 LGT ACTIVATE

MIRL Rwy 03-21 and PAPI Rwy 03—CTAF.

AIRPORT REMARKS: Attended 1200-2300Z†.

AIRPORT MANAGER: 518-828-7011

WEATHER DATA SOURCES: AWOS-3 133.525 (518) 828-2577.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **ALBANY APP/DEP CON** 132.825

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (H) VORTACW 115.3 ALB Chan 100 N42°44.84'

W73°48.19' 184° 27.7 NM to fld. 272/13W.

VOR unusable:

020°-059° byd 13 NM blo 6,000'

060°-080°

100°-135° byd 8 NM blo 10,000'

120°-135° byd 37 NM blo 14,500'

136°-175° byd 8 NM blo 6,000'

176°-193° byd 17 NM blo 8,000'

176°-193° byd 25 NM blo 12,000'

194°-221° blo 6,000'

194°-221° byd 28 NM blo 8,000'

221°-250°

310°-320° byd 30 NM blo 5,000'

330°-019° blo 3,000'

Byd 10 NM blo 6,000'

Byd 19 NM blo 9,000'

Byd 28 NM blo 10,000'

TACAN & DME unusable:

030°-055° byd 10 NM

155°-195° byd 28 NM blo 5,500'

255°-340° byd 28 NM

PHILMONT NDB (MHW) 272 PFH N42°15.19' W73°43.40' 027° 2.4 NM to fld. 340/13W. NOTAM FILE BTV.

HUDSON VALLEY RGNL (See POUGHKEEPSIE on page 236)

HUGUENOT N41°24.58' W74°35.50' NOTAM FILE ISP

(H) **VOR/DME** 116.1 HUO Chan 108 093° 9.1 NM to Randall. 1300/11W.

VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

RCO 122.1R 116.1T (NEW YORK RADIO)

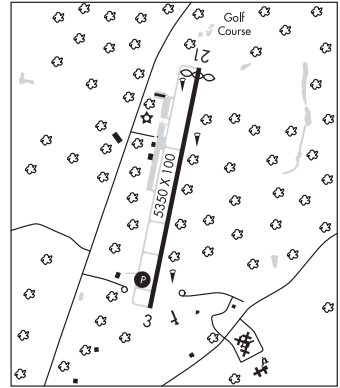
HUNTER N42°51.25' W73°56.01' NOTAM FILE SCH.

NDB (MHW) 356 HEU at Schenectady Co. 333/14W.

NEW YORK

H-101, 11C, 12K, L-33B, 34I

IAP



NEW YORK

H-101, 12I, L-33A, 34H

NEW YORK

L-32G

ITHACA TOMPKINS RGNL (ITH)(KITH) 3 NE UTC-5(-4DT) N42°29.48' W76°27.52'

NEW YORK

1099 B ARFF Index—See Remarks NOTAM FILE ITH

H-10H, 11C, 12I, L-30J, 32F

IAP, AD

RWY 14-32: H6977X150 (ASPH-GRVD) S-100, D-192, 2S-114,

2D-574, 2D/2D2-1044 PCN 58 F/C/W/T HIRL 0.3% up SE

RWY 14: PAPI(P4L)—GA 3.0° TCH 50'. RVR-R

RWY 32: MALSR, PAPI(P4L)—GA 3.2° TCH 53'. RVR-T Trees.

RWY 15-33: 2018X50 (TURF) 0.3% up SE

RWY 15: Road.

RWY 33: Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6977 TODA-6977 ASDA-6602 LDA-6602

RWY 32: TORA-6977 TODA-6977 ASDA-6602 LDA-6602

SERVICE: S4 FUEL 100LL, JET A LGT PAPI Rwy 14 and Rwy 32 opr continuously. When twr clsd ACTIVATE HIRL Rwy 14-32, twy lgts and MALSR Rwy 32—CTAF.

AIRPORT REMARKS: Attended 1000-0500Z†. FBO avbl 1100-0200Z†, for FBO svcs ctc 131.6. For FBO svcs after hrs call 607-279-0392 or 800-876-1551. Rwy 15-33 CLOSED nghts, winter months, and after heavy rain. Deer and flocks of birds on and invof arpt. Class I, ARFF Index B. PPR 24 hrs for unscheduled air carrier ops. Call arpt mgr 607-257-6666. ARFF avbl 0930-0500Z† and/or 15 min prior to or 15 min after scheduled air carrier ops. Index C coverage avbl. Rwy 15-33 thlds marked with white lime bar, edges marked with reflectors. Cold temperature rstd arpt. Altitude correction required at or blo -19°C. Ldg fee for tran acft.

AIRPORT MANAGER: 607-257-0456

WEATHER DATA SOURCES: AWOS-3PT 125.175 (607) 257-2390.

COMMUNICATIONS: CTAF 119.6 ATIS 125.175 UNICOM 122.95

RCO 122.1R 111.8T (BUFFALO RADIO)

Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100-0500Z†)

Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500-1100Z†)

TOWER 119.6 (1130-0300Z†) **GND CON** 121.8

AIRSPACE: CLASS D svc 1130-0300Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

(L) **VOR/DME** 111.8 ITH Chan 55 N42°29.70' W76°27.58' at fld. 1102/10W.

VOR portion unusable:

060°-080° byd 28 NM blo 2,500'

081°-150° byd 10 NM blo 3,800'

360°-059° byd 10 NM blo 3,800'

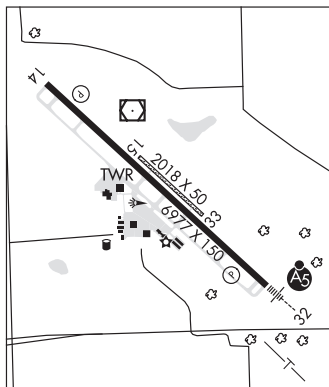
DME portion unusable:

360°-160° byd 20 NM blo 6,500'

VRNAH NDB (LOMW) 266 IT N42°25.80' W76°22.08' 324° 5.5 NM to fld. 1497/12W.

ILS 108.7 I-ITH Rwy 32. Class IA. LOM VRNAH NDB. Unmonitored when ATCT closed. LOM unusable byd 10 NM. Glideslope unusable byd 9 NM.

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored. When Ithaca twr clsd, Cinc Del and cancellations avbl thru Elmira Apch 124.3. Dur hrs Elmira Apch is clsd, Cinc Del and cancellations avbl thru Flight Services on Ithaca VOR 122.1R, 111.8T and 1-888-766-8267.



JAMESTOWN**CHAUTAUQUA CO/JAMESTOWN** (JHW)(KJHW) 3 N UTC-5(-4DT) N42°09.20' W79°15.48'**DETROIT**

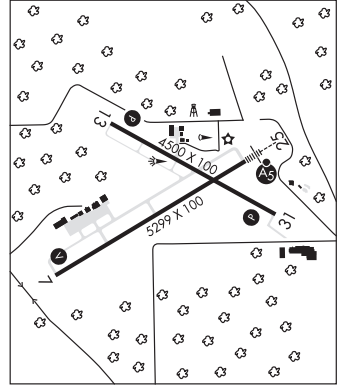
1723 B Class IV, ARFF Index A NOTAM FILE JHW

H-10H, L-30H**RWY 07-25:** H5299X100 (ASPH-GRVD) S-57, D-95, 2D-125**IAP, AD**

PCN 24 F/C/W/T HIRL

RWY 07: VASI(V4L)—GA 3.0° TCH 51'.**RWY 25:** MALSR.**RWY 13-31:** H4500X100 (ASPH) S-31, D-56 PCN 13 F/C/W/T

MIRL 0.4% up NW

RWY 13: PAPI(P4L)—GA 3.0° TCH 45'. Tree.**RWY 31:** REIL. PAPI(P4L)—GA 3.0° TCH 51'. Bldg.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 07:** TORA-5299 TODA-5299 ASDA-5299 LDA-5299**RWY 13:** TORA-4500 TODA-4500 ASDA-4500 LDA-4500**RWY 25:** TORA-5299 TODA-5299 ASDA-5299 LDA-5299**RWY 31:** TORA-4500 TODA-4500 ASDA-4500 LDA-4500**SERVICE:** S4 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE HIRL Rwy 07-25, MIRL Rwy 13-31, VASI Rwy 07, PAPI Rwy 13 and Rwy 31, MALSR Rwy 25 and twy lgts—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1200-2030Z†. Rwy/twy conditions not monitored outside of normal attendance hrs. Deer and birds on and in/ovf arpt. Attendance hrs and svcs avbl are subject to change, call arpt manager at 716-484-0204 to confirm. Rwy/twy conditions not monitored outside normal attendance hrs. Snow removal ops avbl during normal attendance hours; snow removal may be limited on holidays and weekends. 24 hr PPR for air carrier ops with more than 9 PAX seats. Ctc arpt manager at 716-484-0204. For emergencies after hrs, call 911 for mutual aid svc. Ldg fee multi-engine acft only.**AIRPORT MANAGER:** 716-484-0204**WEATHER DATA SOURCES:** AWOS-3 118.425 (716) 664-6005.**COMMUNICATIONS:** CTAF/UNICOM 122.7**RCO** 122.1R 114.7T (BUFFALO RADIO)**ERIE APP/DEP CON** 126.05 (1100-0500Z†)**CLEVELAND CENTER APP/DEP CON** 127.075 or call ZOB 440-774-0227 (0500-1100Z†)**AIRSPACE:** CLASS E svc 1100-0300Z† Sun-Fri, 1200-2300Z† Sat other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE JHW.**JAMESTOWN (H) VOR/DME** 114.7 JHW Chan 94 N42°11.32' W79°07.28' 258° 6.5 NM to fld. 1786/7W.**ILS/DME** 109.7 I-JHW Chan 34 Rwy 25. Class IE. Unmonitored.**COMM/NAV/WEATHER REMARKS:** Cinc del thru Erie apch 126.05. When Erie apch clsd ctc AFSS 888-766-8267, or airborne above 4500 MSL ctc Cleveland Center 127.07.**JOHN F KENNEDY INTL** (See NEW YORK on page 222)

JOHNSTOWN**FULTON CO** (NYØ) 2 E UTC-5(-4DT) N42°59.89' W74°19.77'

881 B TPA—1681(800) NOTAM FILE BTV

RWY 10-28: H4000X75 (ASPH) MIRL 0.4% up E**RWY 10:** REIL. PAPI(P2L)—GA 3.0° TCH 34'. Trees.**RWY 28:** REIL. PAPI(P2L)—GA 3.0° TCH 42'. Trees.**SERVICE:** S3 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10-28—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2200Z†. Parachute Jumping.

Landing fee.

AIRPORT MANAGER: 518-882-6392**WEATHER DATA SOURCES:** AWOS-3 119.225 (518) 762-0322.**COMMUNICATIONS:** CTAF/UNICOM 122.7**ALBANY APP/DEP CON** 118.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALB.**ALBANY (H) VORTAC** 115.3 ALB Chan 100 N42°44.84'

W73°48.19' 316° 27.7 NM to fld. 272/13W.

VOR unusable:

020°-059° byd 13 NM blo 6,000'

060°-080°

100°-135° byd 8 NM blo 10,000'

120°-135° byd 37 NM blo 14,500'

136°-175° byd 8 NM blo 6,000'

176°-193° byd 17 NM blo 8,000'

176°-193° byd 25 NM blo 12,000'

194°-221° blo 6,000'

194°-221° byd 28 NM blo 8,000'

221°-250°

310°-320° byd 30 NM blo 5,000'

330°-019° blo 3,000'

Byd 10 NM blo 6,000'

Byd 19 NM blo 9,000'

Byd 28 NM blo 10,000'

TACAN & DME unusable:

030°-055° byd 10 NM

155°-195° byd 28 NM blo 5,500'

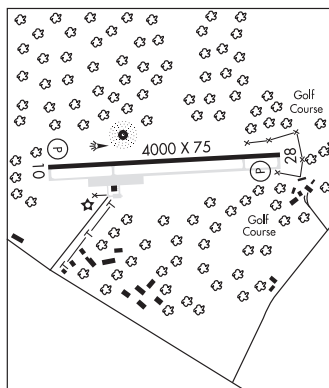
255°-340° byd 28 NM

JOHNSTOWN NDB (MHW) 523 JHH N42°59.97' W74°19.89' at fld. 867/14W. NOTAM FILE BTV.

NEW YORK

L-32G

IAP

**JOSEPH Y RESNICK** (See ELLENVILLE on page 195)**KATHI** N43°06.54' W78°50.30' NOTAM FILE IAG.**NDB (LOM)** 329 IA 279° 4.7 NM to Niagara Falls Intl.

DETROIT

KEENE**MARCY FLD** (111) 2 S UTC-5(-4DT) N44°13.25' W73°47.48'

985 NOTAM FILE BTV

RWY N-S: 2390X95 (TURF)**RWY N:** Road.**RWY S:** Trees.**AIRPORT REMARKS:** Unattended. Closes late Oct reopens mid May. May through Oct dates by NOTAM.**AIRPORT MANAGER:** 518-576-4444**COMMUNICATIONS:** CTAF/UNICOM 122.9

MONTREAL

KENNEDY N40°37.97' W73°46.28' NOTAM FILE JFK.**(H) VOR/DME** 115.9 JFK Chan 106 at John F Kennedy Intl. 11/12W.

VOR/DME unusable:

100°-299° byd 30 NM blo 2,000'

300°-059° byd 30 NM blo 2,500'

060°-099° byd 25 NM blo 2,500'

RCO 122.1R 115.9T (NEW YORK RADIO)

NEW YORK

COPTER

H-101, 121, L-33B, 34H

KINGSTON—ULSTER (2ØN) 4 N UTC-5(-4DT) N41°59.12' W73°57.86'
147 TPA—1198(1051) NOTAM FILE ISP

NEW YORK
L-33B, 34I
IAP

RWY 15-33: H3100X60 (ASPH) S-12.5 MIRL 0.4% up NW
RWY 15: PAPI(P2L)—GA 4.5° TCH 50'. Thld dsplcd 235'. Tree.
RWY 33: REIL. PAPI(P2L)—GA 3.6° TCH 53'. Thld dsplcd 309'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-3100 TODA-3100 ASDA-3010 LDA-2775
RWY 33: TORA-3100 TODA-3100 ASDA-2939 LDA-2630

SERVICE: S4 FUEL 100LL LGT MIRL Rwy 15-33, REIL Rwy 33 and twy lgts opr 123.3 dusk-dawn. ACTIVATE PAPI Rwy 15 and Rwy 33—123.3.

AIRPORT REMARKS: Attended 1400-2200Z±, exc Thanksgiving, Christmas, and New Years. PAEW adjacent twy/rwy. No runups at Rwy 15 thld. No line of sight between Rwy 33 hold line and acft in final 0.25 mile of apch to Rwy 33. Voluntary NS ABTMT procedures in effect call 845-336-8401. Avoid overflight of housing development adjacent to north end of rwy. Rental car avbl 845-338-6929. Cold temperature rstd arpt. Altitude correction required at or blo -21C. Rwy 15 PAPI unusable 5° left of course and 8° right of course.

AIRPORT MANAGER: 845-336-7700

COMMUNICATIONS: CTAF/UNICOM 122.8

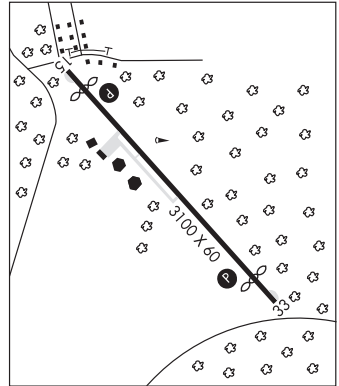
Ⓡ NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP

(L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 354° 20.2 NM to fld. 582/12W. HIWAS.

VOR portion unusable:
045°-050° byd 35 NM blo 4,300'
070°-140° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc New York Apch at 516-683-2967.



KINGSTON N41°39.93' W73°49.33' NOTAM FILE ISP

NEW YORK

(L) VOR/DME 117.6 IGN Chan 123 242° 3.6 NM to Hudson Valley Rgnl. 582/12W. HIWAS.

H-10I, 12I, L-33B, 34H

VOR portion unusable:
045°-050° byd 35 NM blo 4,300'
070°-140° byd 30 NM blo 3,400'

RCO 122.1R 117.6T (NEW YORK RADIO)

KLJNE KILL (See GHENT on page 202)

KLUMP N43°00.02' W78°39.05' NOTAM FILE BUF.

DETROIT

NDB (LOMW) 231 BU 233° 5.0 NM to Buffalo Niagara Intl. 630/9W.

KOBELT (See WALKILL on page 249)

KRING N42°35.08' W74°59.19' NOTAM FILE N66.

NEW YORK

NDB (LOM) 279 OZ 237° 5.0 NM to Oneonta Muni. LOM unmonitored.

LA GUARDIA N40°47.02' W73°52.12' NOTAM FILE LGA.

NEW YORK

(L) VOR/DME 113.1 LGA Chan 78 at Laguardia. 9/12W.

H-10I, 12I, L-33B, 34H

VOR unusable:
245°-280° byd 25 NM blo 6,000'
DME unusable:
245°-280° byd 25 NM blo 6,000'

RCO 122.1R 113.1T (NEW YORK RADIO)

LAGUARDIA (See NEW YORK on page 223)

LAKE PLACID (LKP)(KLKP) 1 SE UTC-5(-4DT) N44°15.87' W73°57.71'
1747 NOTAM FILE BTV

MONTREAL
L-32G
IAP

RWY 14-32: H4196X60 (ASPH) S-8 PCN 24 F/B/X/T MIRL

RWY 14: PAPI(P2L)—GA 3.5° TCH 47'. Trees.

RWY 32: Thld dsplcd 1140'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 14-32, PAPI Rwy 14 and twy lgts—CTAF.

AIRPORT REMARKS: Attended May-Sep 1300-2100Z†, Oct-Apr 1300-2100Z†. Extensive glider activity. Mountains on both apchs 1-5 miles from rwy ends. 24 hrs advanced notice required for all Jet A svcs after posted business hrs. Cold temperature rstd arpt. Altitude correction required at or blo -12 C. Rwy 14 PAPI unusable byd 3 NM.

AIRPORT MANAGER: 518-523-2473

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 120.35

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VOR/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 272° 34.5 NM to fld. 416/15W. **HIWAS.**

VOR unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

DME portion unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'



LANCASTER

BUFFALO-LANCASTER RGNL (BQR)(KBQR) 3 NE UTC-5(-4DT) N42°55.32' W78°36.72'

DETROIT
L-31E

752 B NOTAM FILE BUF

RWY 08-26: H3199X75 (ASPH) MIRL

RWY 08: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Tree.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

SERVICE: S6 **FUEL** 100LL, JET A1 **LGT** ACTIVATE MIRL Rwy 08-26, REIL Rwys 08 and 26 and PAPI Rwys 08 and 26—CTAF. Rwy 08 PAPI unusable byd 3 deg right of RCL.

AIRPORT REMARKS: For attendance call 716-860-6044. +28' railroad 215' S of rwy centerline parallel to Rwy 08-26.

AIRPORT MANAGER: 716-860-6044

COMMUNICATIONS: CTAF/UNICOM 123.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) VOR/DME 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 113° 1.6 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

276°-035° blo 6,000'

COMM/NAV/WEATHER REMARKS: AUNICOM SUPER, 617-262-3825. Clncl Del thru Flight Services 1-888-766-8267.



LE ROY (5GØ) 2 E UTC-5(-4DT) N42°58.88' W77°56.12'
780 B NOTAM FILE BUF

DETROIT
L-31E, 32F
IAF

RWY 10-28: H3854X60 (ASPH) S-12.5 MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 31'. Fence.

RWY 28: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Fence.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28 and REIL Rwy 10 and Rwy 28—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-2100Z†, except State and Federal legal holidays. Deer on and in/ov arpt. Rwy 28 +12' fence, 280' from rwy.

AIRPORT MANAGER: 585-259-9308

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ROCHESTER APP/DEP CON** 123.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W77°43.97' 324° 12.5 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

LEDGEDALE AIRPARK (See BROCKPORT on page 187)

LIVINGSTON

GREEN ACRES (1A1) 2 NE UTC-5(-4DT) N42°08.97' W73°45.03'
297 NOTAM FILE BTV

NEW YORK

RWY 03-21: 2275X75 (TURF)

RWY 03: Trees.

RWY 21: Tree.

SERVICE: S2

AIRPORT REMARKS: Attended dalgt hours. Rwy 03 has + 15' road across beginning of rwy. Rwy 21 first 400' of rwy downslopes 20' to low point of rwy.

AIRPORT MANAGER: 518-851-7460

COMMUNICATIONS: CTAF 122.9

LOCKPORT

NORTH BUFFALO SUBURBAN (ØGØ) 3 S UTC-5(-4DT) N43°06.19' W78°42.20'
588 B TPA-1401(813) NOTAM FILE BUF

DETROIT
L-31E
IAF

RWY 10-28: H2830X50 (ASPH) S-6 MIRL

RWY 10: Trees.

RWY 28: TRCV(TRIL)—GA 3.0°. Thld dspcd 355'. P-line.

SERVICE: **FUEL** 100LL **LGT** Arpt bcn OTS indef. MIRL opr low ints only. ACTIVATE MIRL Rwy 10-28—123.0.

AIRPORT REMARKS: Attended 1330-2200Z†. Rwy safety area 500' X60' west end Rwy 10. Asph broken along rwy north edge in several areas, marked by orange cones.

AIRPORT MANAGER: 716-625-8111

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **BUFFALO APP/DEP CON** 126.5

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 355° 10.7 NM to fld. 729/8W.

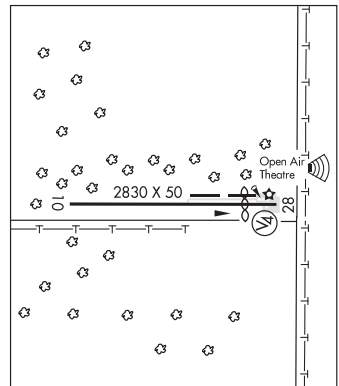
VOR/DME unusable:

036°-261° blo 11,000'

262°-275° blo 2,300'

276°-035° blo 6,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services
1-888-766-8267.



LOKKS N40°43.74' W73°11.41' NOTAM FILE ISP
NDB (LOMW) 366 IS 060° 5.7 NM to Long Island Mac Arthur. 13/14W.

NEW YORK

LONG ISLAND MAC ARTHUR (See NEW YORK on page 225)

LONG LAKE**LONG LAKE/HELMS SPB** (NY9) 0 N UTC-5(-4DT) N43°58.50' W74°25.23'

NEW YORK

1629 NOTAM FILE BUF

WATERWAY NE-SW: 15000X1500 (WATER)**SERVICE:** S2 FUEL 100LL

SEAPLANE REMARKS: Attended Apr-Nov 1300Z±-dusk. Bridge across lake (Route 30) 500' NW of base. Do not taxi under bridge at high water levels, possible at low water level, stay to west (high) side of bridge. Water levels may vary +/- 10'. Pline at base and building across from base, +50' plines along road and bridge (Route 30). One rwy north of bridge and the other rwy south of bridge.

AIRPORT MANAGER: 518-624-3931**COMMUNICATIONS:** CTAF/UNICOM 122.8**LONG LAKE SAGAMORE SPB & MARINA SPB** (KØ3) 1 N UTC-5(-4DT) N43°58.14' W74°25.73'

NEW YORK

1629 NOTAM FILE BUF

WATERWAY ALL-WAY: 15000X2000 (WATER)

SEAPLANE REMARKS: Attended April-Nov dawn-dusk. Major rwy orientation is NE-SW. Do not taxi under bridge at high water levels, possible at low water levels. Stay to west (high) side of bridge. Water levels vary +/- 10'. Access to Sagamore Base from land side via Sagamore Road off of Rt 30 north of US Post Office on east side. One rwy north of bridge, another rwy south of bridge. Bridge across lake (Route 30) and building across road. +50' P-lines along road and bridge (Route 30). Sagamore Base located 1/4 mile south of bridge on east shore. SPB located 60 NM east of Carthage, NY.

AIRPORT MANAGER: 518-624-5520**COMMUNICATIONS:** CTAF/UNICOM 122.8**LT WARREN EATON** (See NORWICH on page 230)**LUFKER** (See EAST MORICHES on page 194)**MALONE-DUFORT** (MAL)(KMAL) 2 W UTC-5(-4DT) N44°51.22' W74°19.74'

MONTREAL

790 B TPA-1590(800) NOTAM FILE BTV

L-32G

RWY 05-23: H3994X100 (ASPH) S-20 MIRL 0.4% up SW

IAP

RWY 05: REIL. Trees.**RWY 23:** REIL. Trees.**RWY 14-32:** H3250X75 (ASPH) S-12.5 MIRL 0.9% up SE**RWY 32:** Thld dsplcd 348'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-3994 TODA-3994 ASDA-3994 LDA-3994**RWY 14:** TORA-3250 TODA-3250 ASDA-3250 LDA-3250**RWY 23:** TORA-3994 TODA-3994 ASDA-3994 LDA-3994**RWY 32:** TORA-3250 TODA-3250 ASDA-3250 LDA-2902**SERVICE:** LGT Rotating bcn OTS indef. Rwy 05 REIL OTS indef.

ACTIVATE MIRL Rwy 05-23, Rwy 14-33, and twy lgts-CTAF.

AIRPORT REMARKS: Attended Apr-Nov, Sat-Sun and holidays, other times call 518-483-2431. Rwy 14-32 has snow removal but visual inspection and NOTAM check must be done as town roads are plowed before arpt. Haying activity and equipment present Jun-Sept.

AIRPORT MANAGER: (518) 483-4740**WEATHER DATA SOURCES:** AWOS-AV 122.8 (518) 651-2601.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.**MASSENA (H) VORTACW** 114.1 MSS Chan 88 N44°54.87' W74°43.36' 116° 17.2 NM to fld. 198/14W. HIWAS.

VOR unusable:

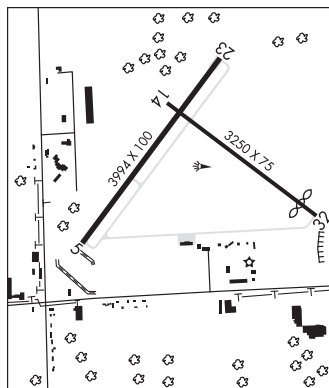
056°-066° blo 14,000'

067°-260°

261°-271° blo 18,000'

261°-271° byd 38 NM

272°-055°

**MARCY FLD** (See KEENE on page 210)

MASSENA INTL—RICHARDS FLD (MSS)(KMSS) 2 E UTC-5(-4DT) N44°56.18' W74°50.71'**MONTREAL**

221 B AOE Class II, ARFF Index A NOTAM FILE MSS

H-11C, 12K, L-32G**RWY 05-23:** H5601X100 (ASPH-GRVD) S-30, D-50, 2D-76**IAP**

PCN 18 F/C/X/T HIRL 0.3% up NE

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 58'. Tree.**RWY 23:** PAPI(P4L)—GA 3.0° TCH 43'.**RWY 09-27:** H4001X100 (ASPH-GRVD) S-30, D-50, 2D-76 MIRL**RWY 09:** Trees.**RWY 27:** REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-5601 TODA-5601 ASDA-5601 LDA-5601**RWY 09:** TORA-4001 TODA-4001 ASDA-3880 LDA-3880**RWY 23:** TORA-5601 TODA-5601 ASDA-5601 LDA-5601**RWY 27:** TORA-4001 TODA-4001 ASDA-4001 LDA-4001**SERVICE:** S1 **FUEL** 100LL, JET A **LGT** ACTIVATE HIRL Rwy 05-23, MIRL Rwy 09-27, PAPI Rwy 05, Rwy 23 and Rwy 27, REIL Rwy 05 and Rwy 27 and twy lgts—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1230-2200Z†, Sat 1300-1700Z†.

Unattended holidays. Birds and deer on and in/ov arpt. Frequent concentration of seagulls and Canada geese on and in/ov arpt particularly during poor wx periods. 421' lgtd/marked twr 6000' south of arpt. Rwy conditions reported during normal hrs of ops. PPR 24 hrs for air carrier ops with more than 30 passenger seats, call arpt manager 315-769-7605. Rwy 05 and Rwy 09-27 first 50' not grvd. Overnight acft parking avbl at terminal apron. After attendance hrs vehicle and pedestrian access to FBO apron and hangar only avbl with key card for automatic gate. Commuter acft secure area clsd to general aviation acft clearing customs. Parking avbl to right of terminal bldg. Cold temperature rstd arpt. Altitude correction required at or blo -34C. Flight Notification Service (ADCUS) avbl. Ldg fee.

AIRPORT MANAGER: 315-769-7605**WEATHER DATA SOURCES:** ASOS 128.075 (315) 764-0481. HIWAS 114.1 MSS.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RCO** 122.2 (BURLINGTON RADIO)Ⓡ **BOSTON CENTER APP/DEP CON** 135.25**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE MSS.**(H) VORTACW** 114.1 MSS Chan 88 N44°54.87' W74°43.36' 298° 5.4 NM to fld. 198/14W. **HIWAS.**

VOR unusable:

056°-066° blo 14,000'

067°-260°

261°-271° blo 18,000'

261°-271° byd 38 NM

272°-055°

MISSE NDB (LOMW) 278 MS N44°51.25' W74°54.95' 045° 5.8 NM to fld. 245/14W.**ILS** 108.7 I-MSS Rwy 05. Class IE. LOM MISSE NDB. LOM unmonitored.**MATTITUCK** (21N) 1 SE UTC-5(-4DT) N40°59.22' W72°31.15'**NEW YORK**

30 NOTAM FILE ISP

COPTER**RWY 01-19:** H2200X60 (ASPH)**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S7**AIRPORT REMARKS:** Unattended. All training ops, tkf and ldg practice and ngt ops are prohibited. Deer on and in/ov arpt. Rwy 19, extensive pavement rutting at centerline, 240'-350' from thld. Segmented circle has no tfc pat indicator.**AIRPORT MANAGER:** (631) 445-4348**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2963.

MAYVILLE

DART (D79) 2 E UTC-5(-4DT) N42°16.09' W79°28.90'

DETROIT

1330 TPA—2130(800) NOTAM FILE BUF

RWY 10-28: 3800X60 (TURF)

RWY 13-31: 2750X60 (TURF)

RWY 13: P-line.

RWY 31: P-line.

RWY 06-24: 1840X80 (TURF)

RWY 06: Trees.

RWY 24: P-line.

AIRPORT REMARKS: Attended daltg hours. Extensive glider ops on and infov arpt. Ultralight activity on and infov arpt. Pole line running along north side of Rt. 430.

AIRPORT MANAGER: 716-753-6711

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 124.325 or call ZOB 440-774-0227.

MECHANICVILLE

BURRELLO-MECHANICVILLE (K27) 1 SE UTC-5(-4DT) N42°53.59' W73°40.11'

NEW YORK

195 NOTAM FILE BTV

L-33B, 34I

RWY 14-32: H2600X21 (ASPH-TURF)

RWY 14: Pole.

RWY 32: Trees.

AIRPORT REMARKS: Unattended. First 440' Rwy 14 gravel/turf. Ultralgt on and infov arpt. Trailers parked on first 350' of Rwy 14. Rwy 32 first 500' excessive grass in cracks. Pavement spalling at 500' and 800' from Rwy 32 thld. Rwy 14-32 southeast 1800' asph, northwest 800' alternating grvl, turf and grvl. First 800' Rwy 14 grvl. 40' dropoff 16' from southeast edge Rwy 32.

AIRPORT MANAGER: 518-423-7382

COMMUNICATIONS: CTAF 122.9

MIDDLESEX VALLEY (4N2) 1 NW UTC-5(-4DT) N42°42.84' W77°16.32'

DETROIT

770 NOTAM FILE BUF

RWY 03-21: 2130X175 (TURF) 2.1% up NE

RWY 03: Tree.

RWY 21: Pole.

SERVICE: S2

AIRPORT REMARKS: Attended SR-SS. Rwy 03-21 not plowed in winter. Call arpt manager for fld condition 585-554-4024.

AIRPORT MANAGER: 585-554-4024

COMMUNICATIONS: CTAF/UNICOM 122.7

COMM/NAV/WEATHER REMARKS: Clnc del thru Buffalo Flight Services 1-888-766-8267.

MIDDLETOWN

RANDALL (Ø6N) 2 SE UTC-5(-4DT) N41°25.91' W74°23.49'

NEW YORK

523 NOTAM FILE ISP

L-33A, 34H

RWY 08-26: H2811X60 (ASPH) S-25 MIRL 0.6% up E

IAP

RWY 08: PAPI(P2L)—GA 4.0° TCH 44'. Thld displcd 563'. Road.

RWY 26: PAPI(P2L)—GA 4.0° TCH 36'. Trees.

SERVICE: FUEL 100LL LGT Several rwy and twy lgts OTS indef. PAPI Rwy 26 OTS indef. ACTIVATE MIRL and PAPI Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Fuel avbl for based acft owners with special key. Heavy glider and hang glider activity on weekends and holidays. Ultralgt in and around vicinity of arpt. Cold temperature rstd arpt. Altitude correction required at or blo -20C. Rwy 08-26 sfc treatment, single wheel strength is 12.5.

AIRPORT MANAGER: 845-343-5965

COMMUNICATIONS: CTAF/UNICOM 122.8

HUGENOT RCO 122.1R 116.1T (NEW YORK RADIO)

Ⓡ NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58'

W74°35.50' 093° 9.1 NM to fld. 1300/11W.

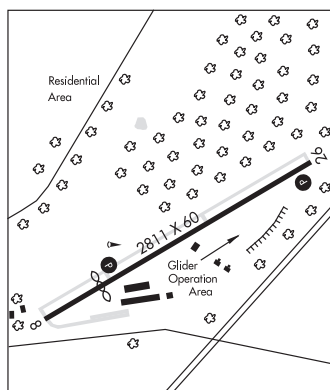
VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.



MIDLAKES (See GORHAM on page 203)

MILLBROOK

SKY ACRES (44N) 6 SW UTC-5(-4DT) N41°42.45' W73°44.28'

698 NOTAM FILE ISP

RWY 17-35: H3830X60 (ASPH) S-20 MIRL 1.3% up S

RWY 17: Trees.

RWY 35: PAPI(P2L)—GA 3.0° TCH 33'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 17-35 and PAPI Rwy 35—122.8.

AIRPORT REMARKS: Attended 1300-2100Z†. Self-svc fuel avbl 24 hrs. Rwy 17-35 safety areas have 30' dropoffs sloping 20' from thld at both ends. Parallel twy not lgtd. PAPI Rwy 35 unusable 8° right of centerline.

AIRPORT MANAGER: 845-677-5010

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 068° 4.5 NM to fld. 582/12W. **HIWAS.**

VOR portion unusable:

045°-050° byd 35 NM blo 4,300'

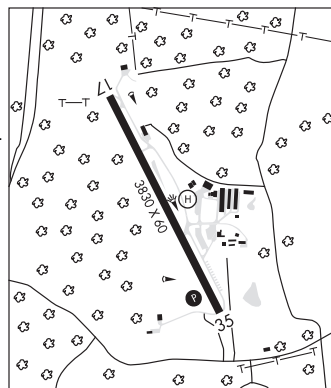
070°-140° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.

NEW YORK

L-33B, 34I

IAP



MISSE N44°51.24' W74°54.95' NOTAM FILE MSS.

NDB (LOM) 278 MS 045° 5.8 NM to Massena Intl-Richards Fld. LOM unmonitored.

MONGA N41°46.00' W74°51.64' NOTAM FILE MSV.

NDB (MHW/LOM) 359 MS 155° 4.9 NM to Sullivan Co Intl. 1387/12W.

NDB unusable:

Byd 15 NM

NEW YORK

L-33A, 34H

MONTAUK (MTP)(KMTP) 3 NE UTC-5(-4DT) N41°04.60' W71°55.23'
7 NOTAM FILE MTP

NEW YORK
COPTER
L-33C
IAP

RWY 06-24: H3246X75 (ASPH) MIRL

RWY 06: PAPI(P2R)—GA 3.83° TCH 45'. Thld dsplcd 302'. Trees.

RWY 24: PAPI(P2L)—GA 4.0° TCH 24'. Thld dsplcd 668'. Hill. Rgt t/c.

SERVICE: LGT ACTIVATE MIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24—121.7.

AIRPORT REMARKS: Attended Apr-Oct dalgt hrs, other times irregularly. Arpt clsd to helicopter ops SS-SR; PPR. Helicopters call for prior permission to land on ramp area. Arpt clsd to jet acft exc PPR call arpt manager 631-668-3738. Deer on or invof arpt. No touch and goes Rwy 06-24. Rwy 06 18' brush along rwy edge 90' left, 30' pole 400' from thld 79' left, 31' pole 216' from rwy thld 233' right. Rwy 06, 26' tree 382' from thld 21' left, 25'-32' trees 180'-255' from thld 60'-90' left, 11'-17' trees 225'-270' from thld 4'-95' right. Rwy 24, 21' brush along rwy edge 87' rgt. Ldg fee.

AIRPORT MANAGER: 631-668-3738

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK APP CON** 125.975

Ⓡ **PROVIDENCE DEP CON** 125.75 (1045-0500Z‡)

Ⓡ **BOSTON CENTER DEP CON** 124.85 (0500-1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE HTO.

HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40°55.14'

W72°19.00' 075° 20.3 NM to fld. 22/13W. **HIWAS.**

HIWAS OTS indef

DME portion unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

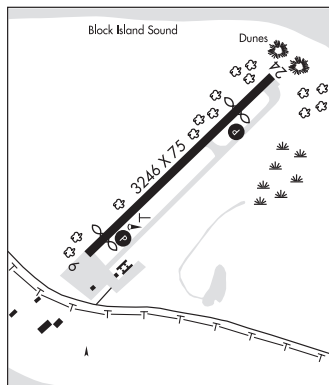
280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

VOR unusable:

055°-100° byd 22 NM

221°-231° blo 6,000'



MONTGOMERY**ORANGE CO** (MGJ)(KMGJ) 1 SW UTC-5(-4DT) N41°30.60' W74°15.88'

364 B TPA—See Remarks NOTAM FILE MGJ

RWY 03-21: H5006X100 (ASPH-GRVD) S-30, D-57, 2D-85 HIRL**RWY 03:** REIL. VASI(V4L)—GA 3.0° TCH 52'. Thld dsplcd 301'. Trees.**RWY 21:** REIL. PAPI(P2L)—GA 3.0° TCH 38'. Trees. Rgt tfc.**RWY 08-26:** H3664X100 (ASPH) S-30, D-57, 2D-85 MIRL

0.3% up E

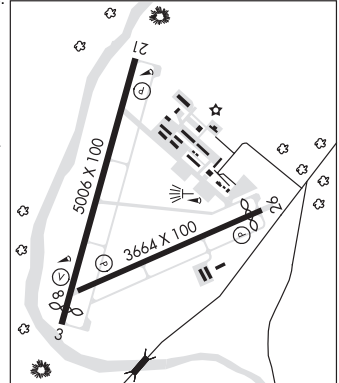
RWY 08: PAPI(P2L)—GA 3.5° TCH 49'. Trees.**RWY 26:** PAPI(P2L)—GA 3.5° TCH 43'. Thld dsplcd 315'. Fence. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** VASI Rwy 03 opr continuously. PAPI Rwy 08-26 opr continuously. PAPI Rwy 21 opr continuously. **ACTIVATE** HIRL Rwy 03-21, MIRL Rwy 08-26, REIL Rwys 03 and 21, twy lghts—CTAF.**AIRPORT REMARKS:** Attended May-Sep Mon-Fri 1230-2300Z†, May-Sep Sun 1500-2100Z†, Oct-Apr Mon-Fri 1230-2200Z†, Oct-Apr Sun 1600-2000Z†, Sat 1430-2200Z†. Deer and birds on and invof arpt. Rwy 03 designated calm wind rwy. Twy C btn Twy A and Twy G one-way east bound only. Twy G btn Twy A and Twy C one-way west bound only. Be aware of large turbojet acft vcnty of Stewart arpt lctd 7 NM east-southeast. 800' hill 1/2 mile northwest of arpt on downwind/base leg for Rwy 21. NS ABTMT procedures in effect, ctc arpt mgr 845-457-4925. TPA—Single engine propeller acft 1399 (1035), twin engine/turbojet acft 1699 (1335). 23' stabilized shoulder each side of Rwy 03-21. 9' stabilized shoulder each side of Rwy 08-26.**AIRPORT MANAGER:** 845-457-4925**WEATHER DATA SOURCES:** ASOS 119.275 (845) 457-1486.**COMMUNICATIONS:** CTAF/AUNICOM 122.725**HUGUENOT RCO** 122.1R 116.1T (NEW YORK RADIO)**NEW YORK APP/DEP CON** 132.75**MONTGOMERY CLNC DEL** 123.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**HUGUENOT (H) VOR/DME** 116.1 HUO Chan 108 N41°24.58' W74°35.50' 079° 15.9 NM to fld. 1300/11W.

VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

ILS 111.7 I-MGJ Rwy 03. Class IB.**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2967.**NEW YORK**

H-10I, 12I, L-33B, 34H

IAP

MONTICELLO

SULLIVAN CO INTL (MSV)(KMSV) 6 NW UTC-5(-4DT) N41°42.10' W74°47.70'

NEW YORK

1403 B Class IV, ARFF Index A NOTAM FILE MSV

H-101, 121, L-33A, 34H

RWY 15-33: H6298X150 (ASPH-GRVD) S-36, D-49, 2D-74.5

IAP

PCN 28 F/B/W/U HIRL 0.4% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dsplcd 298'. Trees.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dsplcd 300'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-6298 TODA-6298 ASDA-6198 LDA-5900

RWY 33: TORA-6298 TODA-6298 ASDA-6098 LDA-5798

SERVICE: S3 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 15-33, REIL Rwy 15 and Rwy 33, and twy lgts—CTAF. PAPI Rwy 15 and Rwy 33 opr continuously.

AIRPORT REMARKS: Attended 1130-2200Z†. Self service 100LL fuel avbl 24 hrs daily. JET A fuel avbl 1300-2200Z†, after hrs call 845-421-1792. Birds/waterfowl, coyote and deer on and invof arpt. PPR 24 hrs for air carrier ops call arpt manager 845-807-0325. Rwy 15-33 longitudinal cracking with weeds in cracks. Ldg fee for acft over 8,000 lbs and all commercial acft regardless of weight.

AIRPORT MANAGER: (845) 807-0267

WEATHER DATA SOURCES: AWOS-3 124.725 (845) 583-5056.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK APP/DEP CON 132.75

MONTICELLO CLNC DEL 121.6

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58' W74°35.50' 343° 19.8 NM to fld. 1300/11W.

VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

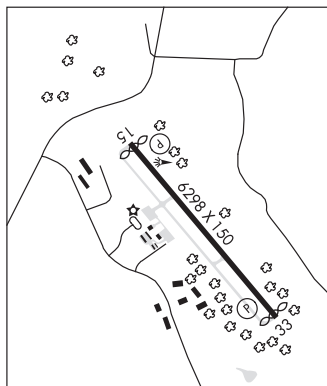
MONGA NDB (MHW/LOM) 359 MS N41°46.00' W74°51.64' 155° 4.9 NM to fld. 1387/12W. NOTAM FILE MSV.

NDB unusable:

Byd 15 NM

ILS 109.1 I-MSV Rwy 15. Class IB. LOM MONGA NDB.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.



MOORES (See DEGRASSE on page 192)

NEELY N41°29.15' W74°13.67' NOTAM FILE SWF.

NEW YORK

NDB (MHW/LOM) 335 SW 093° 5.7 NM to Stewart Intl. 405/14W. mhw/lom unmonitored when ATCT clsd.

L-33B, 34H

NEW YORK

DOWNTOWN MANHATTAN/WALL ST HELIPORT (JRB)(KJRB) 3 SE N40°42.07' W74°00.54'

NEW YORK

7 NOTAM FILE ISP

COPTER

HELIPAD HI: H62X62 (CONC) S-50 PERIMETER LGTS

SERVICE: FUEL JET A

HELIPORT REMARKS: Attended Mon-Fri 1200-0300Z†, Sat 1200-0000Z†, Sun 1200-2200Z†. Attendance early hrs holiday and weekend schedules rqr 24 hrs notice call 212-248-7240. Birds on and invof heliport. Boats may navigate in water along heliport pier. No flts or apchs over FDR drive, two-way radio rqr. 13 helicopter parking spaces with additional tran positions avbl. Fire stand pipes on site. Ldg fee.

AIRPORT MANAGER: 212-248-7240

WEATHER DATA SOURCES: AWOS-3PT 128.175 (212) 425-1534.

COMMUNICATIONS: CTAF/UNICOM 123.05

APP/DEP CON 120.8

EAST 34TH STREET HELIPORT (6N5) 0 E N40°44.56' W73°58.32'

NEW YORK
COPTER

10 B NOTAM FILE ISP

HELIPAD H-I: H44X44 (ASPH) RWY LGTS(NSTD)

HELIPAD H1: H37X37 (ASPH-CONC) RWY LGTS(NSTD)

HELIPAD H2: H44X44 (ASPH) RWY LGTS(NSTD)

HELIPAD H3: H44X44 (ASPH) RWY LGTS(NSTD)

HELIPAD H4: H44X44 (ASPH) RWY LGTS(NSTD)

SERVICE: FUEL JET A1

HELIPORT REMARKS: Attended Mon-Fri 1300-0100Z†. Heliport clsd Sat and Sun. Lctd 4.3 SW of La Guardia Arprt. Bcn lctd abv office trailer blo elev highway. NX RAD wx sys avbl. No late or early ops avbl. All ops over East River. IFR Clnc LGA 1-718-779-7901. Call ahead for parking. Rwy H1 lgtd bldg and fence NW and SE, elev highway and bldg to the west, fence and bldg to the north and south. River on the east side, sailboats and ferries possible rwy edge of pad. NSTD red perimeter lgts. Ldg fee.

AIRPORT MANAGER: 212-889-6370

COMMUNICATIONS: CTAF/UNICOM 123.075

APP/DEP CON 120.8

EVERS SPB (6N6) 12 NE UTC-5(-4DT) N40°50.76' W73°48.97'

NEW YORK
COPTER

00 NOTAM FILE ISP

WATERWAY ALL-WAY: 5000X400 (WATER)

WATERWAY ALL: Boat.

WATERWAY WAY: Boat.

SEAPLANE REMARKS: Attended April-Oct 1300-0000Z†. Dalgt ops only.

AIRPORT MANAGER: 718-863-9111

COMMUNICATIONS: CTAF 122.9

JOHN F KENNEDY INTL (JFK)(KJFK) 13 SE UTC-5(-4DT) N40°38.40' W73°46.72'

13 B LRA Class I, ARFF Index E NOTAM FILE JFK

RWY 13R-31L: H14511X200 (CONC-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 98 R/B/W/T HIRL CL

RWY 13R: RLLS. PAPI(P4L)—GA 3.0° TCH 79'. RVR-TMR Thld dsplcd 2043'. Rgt tfc.

RWY 31L: PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Thld dsplcd 3263'.

RWY 04L-22R: H12079X200 (CONC-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 90 R/B/W/T HIRL CL

RWY 04L: REIL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TR Thld dsplcd 460'.

RWY 22R: PAPI(P4L)—GA 3.0° TCH 77'. RVR-TR Thld dsplcd 3425'. Tree.

RWY 13L-31R: H10000X150 (ASPH-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 90 F/B/W/T HIRL CL

RWY 13L: ALSF2. TDZL. PAPI(P4L)—GA 2.75° TCH 65'. RVR-TR Thld dsplcd 907'. Pole. Rgt tfc.

RWY 31R: MALSR. TDZL. RVR-TR Thld dsplcd 1027'. Tree.

RWY 04R-22L: H8400X200 (ASPH-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 90 F/B/W/T HIRL CL

RWY 04R: ALSF2. TDZL. RVR-TMR

RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 66'. RVR-TMR Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:TORA-11351 TODA-11351 ASDA-11470 LDA-11010

RWY 04R:TORA-8400 TODA-8400 ASDA-8400 LDA-8400

RWY 13L:TORA-10000 TODA-10000 ASDA-10000 LDA-9093

RWY 13R:TORA-14511 TODA-14511 ASDA-14511 LDA-12468

RWY 22L:TORA-8400 TODA-8400 ASDA-8400 LDA-8400

RWY 22R:TORA-12079 TODA-12079 ASDA-11219 LDA-7795

RWY 31L:TORA-14511 TODA-14511 ASDA-14511 LDA-11248

RWY 31R:TORA-10000 TODA-10000 ASDA-9513 LDA-8486

ARRESTING GEAR/SYSTEM

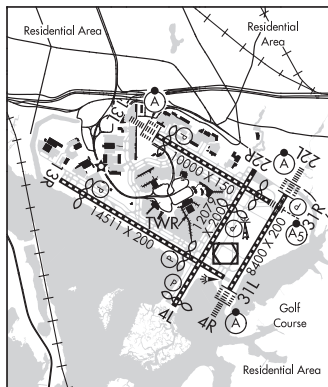
RWY 04R: EMAS

RWY 22L: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 3

AIRPORT REMARKS: Special Air Traffic Rules—Part 93 High Density Arprt. Prior reservation rqrtd. See Aeronautical Information Manual. Attended continuously. General Aviation, non based coml acft ops must make arrangements for fuel prior to arr call 347-566-6620 or UNICOM 122.95. Acft opr and twy restrictions exist for A380, B747-800, B777-300ER and A340-600, please ctc JFK arprt ops for more info. Para-sail and banner towing ops 1000' and blo in upper and lower New York bays incl Rockaway inlet indef. For NS ABTMT restrictions call 212-435-3747 dur nml business hrs. Flocks of birds on and in/ov arprt. Converging ops on Rwy 13R and Rwy 22L conducted via arr distance window. Coded transponder rqrtd. Exp to leave and re-enter the Class B Airspace dur moderate to heavy arr periods. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Metering procedures in effect—ctc ramp ctl prior to pushback 1200-1500Z† daily, 1900-0300Z† daily. RLLS Rwy 13L uses 1000' lgt station of the ALS only with CRI VOR apchs and is angled toward AQUEDUCT, also 5 SFL from 1200'-2000' and a 5 SFL grouping aprx 1 mile from rwy +1 adjacent forming apch. Apch gate angled 35° south of Rwy 13L cntrln designed to provide earlier ident of rwy environment. Rwy 22L ALSF2 NSTD lgt spacing. Rwy 13R first P4L horizontal offset 22° left. Rwy 13R has two (2) PAPI-P4L systems. (Rwy 13R) offset PAPI supports VOR or GPS Rwy 13R and parkway visual Rwy 13R. Rwy 22L PAPI horizontal offset 4° to left. Rwy 13L VASI unusable left side cntrln. Rwy 22R PAPI unusable beyond 8° rgt of centerline. Twy A between Twy NA and Twy NB acft speed restriction of 17 kts/20 mph maximum for A380, B747-800, B777-400, B777-300ER, B777-200, A340, A330, and B787. UFN Twy D between Twy C and hangar 7 clsd. Twy H CL lghts between Twy A and Rwy 04L-22R OTS. Twy H CL lghts between terminal 4 ramp and Twy A OTS. Rwy 31R holding position markings at Rwy 04L-22R southeast side obsc. Rwy 13L holding position markings at Rwy 04L-22R northwest side obsc. Obstruction bldg lgt OTS 6.3 NM ESE JFK 222' MSL (220' AGL). NSTD engineered materials Arresting System (EMAS) 393' in length by 226' in width lctd at ther DER 04R. NSTD engineered materials Arresting System (EMAS) 405' in length by 226' in width lctd at ther DER 22L. Rwy status lghts in ops. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices-Intersection Departures During Period of Darkness and Continuous Power Facilities.

**NEW YORK
COPTER
H-101, 121, L-33B, 34H
IAP, AD**



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AIRPORT MANAGER: (718) 244-3501

WEATHER DATA SOURCES: ASOS (718) 656-0956 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR/DEP 128.725 D-ATIS ARR-SW 115.4 D-ATIS ARR-NE 117.7 UNICOM 122.95

KENNEDY RCO 122.1R 115.9T (NEW YORK RADIO)

Ⓡ NEW YORK APP CON 125.7 128.12

Ⓡ NEW YORK DEP CON 135.9

TOWER 119.1 (Rwys 04R-22L and 13L-31R) 123.9 (Rwy 04L-22R and 13R-31L)

GND CON 121.9 CLNC DEL/PRE TAXI CLNC 135.05 GATE HOLD 125.05

CPDLC (LOGON KJFK)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

KENNEDY (H) VOR/DME 115.9 JFK Chan 106 N40°37.97' W73°46.28' at fld. 11/12W.

VOR/DME unusable:

100°-299° byd 30 NM blo 2,000'

300°-059° byd 30 NM blo 2,500'

060°-099° byd 25 NM blo 2,500'

CANARSIE (T) VOR/DME 112.3 CRI Chan 70 N40°36.75' W73°53.67' 084° 5.5 NM to fld. 10/11W.

VOR unusable:

047°-175°

224°-035°

ILS/DME 110.9 I-HIQ Chan 46 Rwy 04L. Class IE. Glideslope unusable byd 5° right of course.

ILS/DME 109.5 I-JFK Chan 32 Rwy 04R. Class IIIE. DME also serves Rwy 22R.

ILS/DME 111.5 I-TLK Chan 52 Rwy 13L. Class IIE. LOC unusable byd 11 DME. DME unusable byd 30° right of centerline. Glideslope unusable byd 8 NM.

ILS/DME 110.9 I-IWY Chan 46 Rwy 22L.

ILS/DME 109.5 I-JOC Chan 32 Rwy 22R. Localizer offset angle 2.5 deg. DME also serves Rwy 04R.

ILS 111.35 I-MOH Rwy 31L. Class IT.

ILS/DME 111.5 I-RTH Chan 52 Rwy 31R. Class ID. LOC unusable byd 15° left side of course. ILS rth markings obsc at twy k indef.

COMM/NAV/WEATHER REMARKS: Use caution for possible radio interference or false instructions on twr frequencies.

LAGUARDIA (LGA)(KLGA) 4 E UTC-5(-4DT) N40°46.64' W73°52.36'

NEW YORK

21 B LRA Class I, ARFF Index D NOTAM FILE LGA

COPTER

RWY 13-31: H7003X150 (ASPH-CONC-GRVD) S-80, D-170, 2S-175, 2D-360 PCN 63 F/B/W/T H-101, 121, L-33B, 34H IAP, AD

HIRL CL

RWY 13: MALSR. TDZL. REIL. PAPI(P4L)—GA 3.1° TCH 55'. RVR-TR

RWY 31: REIL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TR Bldg.

RWY 04-22: H7001X150 (ASPH-CONC-GRVD) S-80, D-170, 2S-175, 2D-360 PCN 63 F/B/W/T HIRL CL

RWY 04: MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 76'. RVR-TR Bldg.

RWY 22: ALSF1. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 67'. RVR-TR

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 13: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 22: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 31: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

ARRESTING GEAR/SYSTEM

RWY 04: EMAS

RWY 13: EMAS

RWY 22: EMAS

RWY 31: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Special Air Traffic Rules—Part 93, High Density Arpt, Prior Reservation Required, see Aeronautical Information Manual. Coded Transponder reqrd. VFR reservation info avbl on ATIS. Attended continuously. Ship masts in apch Rwy 31. Flocks of birds on and in/ovf arpt. Obst sign structure unknown (39' AGL) 500' east of Rwy 04-22 cntrln and 4,800' south of Rwy 13-31 cntrln. Exp to leave and re-enter the Class B Airspace dur moderate to heavy arr periods. Magnetic anomalies may affect compass hdg when using extn Rwy 13 and Rwy 22 for tkf. NS ABTMT procedures in effect for details ctc afld mgr. Helicopter pad lctd at the int of Twy D and Twy F clsd indef. Twy G, Twy P, Twy R and Twy U conc deck rstd to 5 kts turns, 10 kts straight. Twy F and Twy D west of Twy BB clsd to acft with wingspans in excess of 113'. Twy F lctd btn Twy BB and Twy Y clsd indef. B767-400 acft rstd to 10 kts on Twy DD, Twy Z, Twy B, and Twy AA. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Rwy status lgts in opr. Rwy 13 PAPI and ILS not coincidental. Rwy 13 PAPI and RNAV glidepath not coincident. Rwy 22 PAPI and glidepath not coincident. Rwy 31 PAPI and RNAV glidepath not coincident. PAPI Rwy 13 unusable 8° left of cntrln and 9° rgt of cntrln. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Continuous Power Facilities.

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AIRPORT MANAGER: 718-533-3401

WEATHER DATA SOURCES: ASOS (718) 672-6317 LLWAS.

COMMUNICATIONS: D-ATIS ARR 125.95 (718) 424-4713 D-ATIS DEP 127.05 (718) 424-4713 UNICOM 122.95

RCO 122.1R 113.1T (NEW YORK RADIO)

Ⓜ NEW YORK APP CON 120.8 120.05

TOWER 118.7 GND CON 121.7 CLNC DEL 135.2 (121.875 helicopters) PRE TAXI CLNC 135.2

Ⓜ NEW YORK DEP CON 120.4

CPDLC (LOGON KLGA)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE LGA.

LA GUARDIA (L) VOR/DME 113.1 LGA Chan 78 N40°47.02' W73°52.12' at fld. 9/12W.

VOR unusable:

245°-280° byd 25 NM blo 6,000'

DME unusable:

245°-280° byd 25 NM blo 6,000'

ILS 110.5 I-LGA Rwy 04. Class II. LOC unusable byd 20° left of course.

ILS/DME 108.5 I-GDI Chan 22 Rwy 13. Class IE. Glideslope unusable byd 5° left of course.

ILS 110.5 I-URD Rwy 22. Class IIE.

LDA/DME 111.15 I-TKD Chan 48(Y) Rwy 22X. LOC course unusable inbound 2 DME. LOC unusable byd 25° left side of course. LOC unusable byd 20° right side of course. LOC unusable for coupled apchs.

LOC/DME 108.5 I-PZV Chan 22 Rwy 31. Offset localizer angle 1.7 degrees.

• •

HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: H1 lctd int Twys BB between Twys D and F. Helicopter pad lctd at the int of Twy D, Twy F and Twy Y clsd indef. H1 helipad NSTD markings and lgtg.

LONG ISLAND MAC ARTHUR (ISP)(KISP) P (ARNG) 40 E UTC-5(-4DT) N40°47.72' W73°06.01'

**NEW YORK
COPTER**
H-101, 121, L-33B, 341
IAP, AD

99 B TPA—1099(1000) LRA ARFF Index—See Remarks NOTAM FILE ISP

RWY 06-24: H7006X150 (ASPH-GRVD) S-100, D-210, 2S-175, 2D-300 PCN 55 F/B/X/U HIRL CL

RWY 06: MALSR (NSTD) VASI(V4L)—GA 3.0° TCH 51'. RVR-TR Tree.

RWY 24: MALSR. TDZL. VASI(V4L)—GA 3.0° TCH 52'. RVR-TR Rgt tfc.

RWY 15R-33L: H5186X150 (ASPH-GRVD) S-100, D-170, 2S-175, 2D-300 PCN 55 F/B/X/U MIRL 0.4% up NW

RWY 15R: VASI(V4L)—GA 3.1° TCH 45'. Rgt tfc.

RWY 33L: VASI(V4L)—GA 3.2° TCH 60'. Trees.

RWY 10-28: H5034X150 (ASPH) S-32, D-56, 2D-92
RWY 10: Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 43'. Trees.

RWY 15L-33R: H3175X75 (ASPH) S-25 PCN 19 F/B/X/U 0.3% up NW

RWY 33R: Rgt tfc.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	15R-33L	4200
RWY 10	15R-33L	3350
RWY 15L	10-28	3000
RWY 15R	10-28	4600
RWY 24	10-28	4600
RWY 28	06-24	4500
RWY 33R	06-24	3000

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7006 TODA-7006 ASDA-7006 LDA-7006
RWY 10: TORA-5034 TODA-5034 ASDA-5034 LDA-5034
RWY 15L: TORA-3175 TODA-3175 ASDA-3175 LDA-3175
RWY 15R: TORA-5186 TODA-5186 ASDA-5186 LDA-5186
RWY 24: TORA-7006 TODA-7006 ASDA-7006 LDA-7006
RWY 28: TORA-5034 TODA-5034 ASDA-5034 LDA-5034
RWY 33L: TORA-5186 TODA-5186 ASDA-5186 LDA-5186
RWY 33R: TORA-3175 TODA-3175 ASDA-3175 LDA-3175

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** MALSR Rwy 06 or 24 preset med ints for prevailing wind rwy. When twr clsd ACTIVATE MIRL Rwy 15R-33L, twy lgts—CTAF. HIRL Rwy 06-24 preset low ints, to incr ints ACTIVATE—CTAF. **MILITARY—FUEL** A+ (1100-0200Z‡, C631-588-5400; OT 1 hr PN req, fone dur nml bus hr, \$100 fee per hr.) (NC-100LL, A)

AIRPORT REMARKS: Attended continuously. Bird activity on and invof arpt. Advsy, tfc ldg Rwy 33L high density VFR tfc opr 600' MSL and blo vcntry Bayport Aerodrome 3 miles southeast. Updrafts may be encountered invof powerplant 1.5 NM northeast Rwy 24. Voluntary NS ABTMT procedures in effect for fixed wing acft and helicopters. Ctc arpt management 631-467-3300. Rwy 15L-33R and Rwy 10-28 clsd to fixed wing acft at ngt and avbl for taxiing. Rwy 15L-33R not avbl for ngt tkf and ldg ops. Ltd to 48,000 lbs or less. Class I, ARFF Index B. ARFF Index C coverage is avbl upon request. Call arpt manager at 631-467-3300. Twy S unlgtd east of terminal apron. Rwy 15L NSTD markings, thld bar missing on rwy end. Rwy 33R NSTD markings, thld bar missing on rwy end. Rwy 06 NSTD MALSR, three outermost flasher lgts exceed std spacing. Ldg fee. Ldg fee for all acft exc mil, government and not-for-profit medical flights.

AIRPORT MANAGER: 631-467-3300

WEATHER DATA SOURCES: ASOS (631) 471-0131

COMMUNICATIONS: CTAF 119.3 ATIS 120.725 UNICOM 122.95

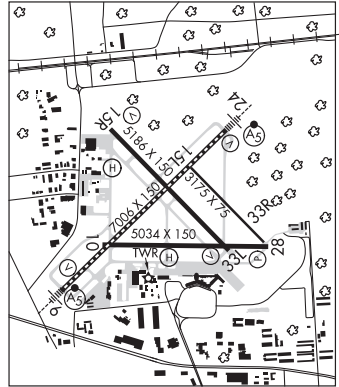
NEW YORK RCO 122.2 122.6 (NEW YORK RADIO)

® **NEW YORK APP/DEP CON** 120.05

LONG ISLAND TOWER 119.3 (1100-0400Z‡) **GND CON** 135.3 **CLNC DEL** 121.85

AIRSPACE: CLASS C svc ctc **APP CON** svc 1100-0500Z‡ other times CLASS E.

VOR TEST FACILITY (VOT) 109.4



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NEW YORK
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RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.50' W73°18.22' 101° 9.3 NM to fld. 123/12W.

VOR/DME unusable:

Byd 25 NM blo 5,000'

DME unusable:

265°-274° byd 17 NM blo 5,000'

275°-280°

281°-015° byd 17 NM blo 5,000'

LOKKS NDB (LOMW) 366 IS N40°43.74' W73°11.41' 060° 5.7 NM to fld. 13/14W.

ILS/DME 108.3 I-ISP Chan 20 Rwy 06. Class IIE. LOM LOKKS NDB. Unmonitored when ATCT clsd.

ILS 108.3 I-RXN Rwy 24. Class IT. Unmonitored when ATCT clsd. Glideslope unusable for coupled apchs below 700'.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc New York Apch at 516-683-2963.

HELIPAD H1: H50X50 (ASPH)

HELIPAD : MALSR (NSTD)

HELIPAD H2: H50X50 (ASPH)

HELIPAD : MALSR (NSTD)

HELIPORT REMARKS: Helipad H1 lctd on Twy W south of the int of Twy B. Helipad H2 lctd on Twy C btn Rwy 10-28 and Twy S.

NEW YORK SKYPORTS INC SPB (6N7) O E UTC-5(-4DT) N40°44.04' W73°58.37'

NEW YORK
COPTER

00 NOTAM FILE ISP

WATERWAY N-S: 10000X1000 (WATER)

SEAPLANE REMARKS: Attended 1300Z±-dusk. No tie-downs and no overnight stays avbl. Pilots must complete a proving flt with an authorized member of the N.E. Seaplanes Pilots Association prior to spbase use. 3-bladed props rqrd on all seaplanes.

Pilots rqrd not to fly over the 59th Street Bridge. East River velocity 2.6 miles per hr in SSW direction. Heavy boat tfc in river. Pilots rqrd to taxi 1000' offshore on Manhattan side before beginning tkf. Ldg fee.

AIRPORT MANAGER: (347) 522-8049

COMMUNICATIONS: CTAF 122.9

STEWART INTL (SWF)(KSWF) P (A AR ANG MC) 3 NW UTC-5(-4DT) N41°30.25' W74°06.29'

NEW YORK
H-101, 12J, L-33B, 34I
IAP, AD

491 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE SWF

RWY 09-27: H11817X150 (ASPH-GRVD) S-85, D-175, 2S-175, 2D-350, 2D/2D2-775 PCN 65 F/A/W/T HIRL CL

RWY 09: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 65'. RVR-TMR Thld dspcd 2000'. Fence. 0.4% down.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 56'. RVR-TMR Thld dspcd 2000'. Tree.

RWY 16-34: H6004X150 (ASPH-GRVD) S-120, D-190, 2S-175, 2D-350, 2D/2D2-800 PCN 65 F/A/W/T HIRL 0.6% up NW

RWY 16: REIL.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-11817 TODA-11817 ASDA-10817 LDA-8817

RWY 16: TORA-6004 TODA-6004 ASDA-6004 LDA-6004

RWY 27: TORA-11817 TODA-11817 ASDA-11817 LDA-9817

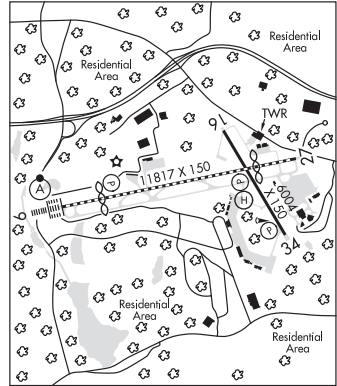
RWY 34: TORA-6004 TODA-6004 ASDA-6004 LDA-6004

SERVICE: S4 FUEL 100LL, JET A LGT SFL Rwy 09 O/S UFN. Rwy 9

VGSI and ILS GP not coincident. **MILITARY—JASU** 1(MA-1A)

1(M32-60) 1(MD-3) **FUEL** A++ (Mil), A+ (C845-567-9800)

(NC-100LL) **TRAN ALERT** No tran maint.



AIRPORT REMARKS: Attended continuously. All sfc. Work in progress grass cutting conducted April through October. Be aware, extensive glider activity 8 miles east of HUO VORTAC in a 5 mile radius. Hudson Valley Rgnl located 3.3 NM southwest IGN VORTAC, do not mistake for Stewart Intl. Birds and deer on and invof arpt. NS ABTMT procedures in effect ctc arpt manager 845-838-8200. TPA for piston acft 1500(1009), jet acft 2500(2009), rotorcraft 1200(709). Avoid Orange Co. Arpt, located 7 NM west-northwest during VFR apchs. Rgt tfc on Rwy 16 and 27 may be used for NS ABTMT. Twy L clsd exc 20 minutes PPR. Ctc arpt ops 845-567-1562. Twys B and H rstd to acft with wingspan greater than 118'. Twy C between Twy B and Twy F not visible from twr. Twy C rstd to acft with wingspan greater than 125' between Hangar B and Building 118. Acft with wingspan 172' or more rqr vehicle escort for all Twy C ops south of terminal apron. Ctc arpt ops 845-567-1562. No jet training 0300-1200Z. Rwy 16 and Rwy 34 has mil assault ldg zone and basic markings with aiming points. Rwy 09 VGSI and ILS glidepath not coincident. Compass calibration pad located on the Twy G runup apron. User fee charged to all intl flts. Fee for acft \$1.53 per 1,000 lbs. Certificated gross maximum tkof weight. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 845-838-8200

COMMUNICATIONS: ATIS 124.575 845-567-9311 **UNICOM** 122.95

® **NEW YORK APP/DEP CON** 132.75

TOWER 121.0 **GND CON** 121.9

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 245° 16.0 NM to fld. 582/12W. HIWAS.

VOR portion unusable:

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

NEELY NDB (LOM) 335 SW N41°29.15' W74°13.68' 093° 5.7 NM to fld.

ILS 110.1 I-SWF Rwy 09. Class IIIE. LOM NEELY NDB.

ILS/DME 109.95 I-JKH Chan 36(Y) Rwy 27. Class IB.

HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Helipad located intersection Twy B and Twy C and east of Twy C.

WEST 30TH ST HELIPORT (JRA)(KJRA) 0 N N40°45.27' W74°00.43'

**NEW YORK
COPTER**

7 NOTAM FILE ISP

HELIPAD H1: H44X44 (ASPH) S-6 PERIMETER LGTS**HELIPAD H1:** Rgt tfc.**HELIPAD H2:** H44X44 (ASPH) S-6**HELIPAD H2:** Rgt tfc.**HELIPAD H3:** H44X44 (ASPH)**HELIPAD H4:** H44X44 (ASPH)**HELIPAD H5:** H44X44 (ASPH)**HELIPAD H6:** H44X44 (ASPH)**HELIPAD H8:** H44X44 (ASPH)**HELIPAD H9:** H44X44 (ASPH)**HELIPAD H10:** H44X44 (ASPH)**HELIPAD H11:** H44X44 (ASPH)**SERVICE:** FUEL JET A

HELIPORT REMARKS: Attended continuously. North and south finger pier pads are clsd. +40' lgts lctd at south end of heliport. +10' fencing lctd along east edge of heliport and btn ldg spots 2 and 3. All tkfs and ldgs made over Hudson River. Fire alarm box to nearby firehouse lctd at facility. All helipads, Rwy H-1 to H-11 circular. H-8 marked as H-A. H-9 marked as H-13. H-10 marked as H-C. H-11 marked as H-D. Helipad H3 no ingress/egress over 12th Avenue. Parking avbl. Helipad H1 perimeter lgts.

AIRPORT MANAGER: 212-563-4442**COMMUNICATIONS:** CTAF/UNICOM 123.05**APP/DEP CON** 126.05 127.85

NEWFANE
HOLLANDS INTL FLD (85N) 3 SW UTC-5(-4DT) N43°16.00' W78°46.07'**DETROIT**

360 NOTAM FILE BUF

RWY NE-SW: 2875X75 (TURF)**RWY NE:** Trees.**RWY SW:** Trees.

AIRPORT REMARKS: Unattended. Parachute Jumping. Parachute club uses arpt during Apr-Nov. Rwy SW; numerous +20'-80' trees 50'-120' left and rgt of centerline 0'-865' from thld. Rwy NE; numerous +25'-70' trees 74'-136' left and rgt of centerline. 10' brush at thld 75' right. +39' tree 54' from thld on centerline.

AIRPORT MANAGER: 716-751-6170**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru Flight Services 1-888-766-8267.

NIAGARA FALLS INTL (IAG)(KIAG) P (AFRC ANG) 4 E UTC-5(-4DT) N43°06.45' W78°56.75' **DETROIT**
592 B LRA ARFF Index—See Remarks NOTAM FILE IAG **H-10H, 11B, L-31E**

RWY 10L-28R: H9826X150 (ASPH-CONC-GRVD) S-120, D-240,
2D-447, 2D/2D2-957 PCN 74 R/B/W/T HIRL CL

RWY 10L: VASI(V4L)—GA 3.0° TCH 50'. RVR-R Thld dsplcd 700'.
Tree.

RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 2.5° TCH 67'. RVR-T Tree.

RWY 06-24: H5188X150 (ASPH) S-120, D-250, 2D-462
PCN 69 F/B/W/T MIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 48'. Tree.

RWY 10R-28L: H3972X78 (ASPH) S-73, D-97 PCN 29 F/C/X/T MIRL

RWY 10R: REIL. PAPI(P2L)—GA 3.26° TCH 31'. Tree.

RWY 28L: REIL. PAPI(P2L)—GA 3.06° TCH 30'. Stack.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5188 TODA-5188 ASDA-5188 LDA-5188

RWY 10L: TORA-9829 TODA-10829 ASDA-9829 LDA-9129

RWY 10R: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

RWY 24: TORA-5188 TODA-5188 ASDA-5108 LDA-5108

RWY 28L: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

RWY 28R: TORA-9829 TODA-10529 ASDA-9129 LDA-9129

SERVICE: S2 FUEL 100LL, JET A, A+ LGT When twr clsd ACTIVATE

MALSR Rwy 28R HIRL 10L-28R, MIRL Rwy 06-24, MIRL Rwy 10R-28L, REIL and PAPI Rwy 06, Rwy 24, Rwy 10R, and Rwy 28L and twy lghts—CTAF. SSALR Rwy 28R preset med ints. **MILITARY—JASU 2(A/M32A-86) 1(A/M32A-60) 1(MA-1A) FUEL A++(Mil) FLUID SP LOX OIL O-148(Mil)**

AIRPORT REMARKS: Attended continuously. Heavy concentrations of gulls, blackbirds, starlings up to 5000' AGL on and in/ovf arpt. Bird acct strike haz Phase II ops at KIAG Mar-May and Sep-Nov. Class I, ARFF Index B. ARFF Index E equipment coverage provided. Extensive acct activity opr in/ovf US/Canadian falls all alts. Night vision device ops periodically conducted in the arpt tfc area. Military assault ldg zone and non-precision instrument markings Rwy 06. Military assault ldg zone and non-precision instrument markings Rwy 24. Rwy 28 rollout end of rwy—last 900' not grvd. Rwy 28R 100' by 150' blast pad. Twy E clsd indef from Rwy 10L-28R to Rwy 06-24. Twy D3 rstd to 12,500 lbs or less. Twy E pavement spalling between Twy C and Twy D. Twy E clsd permanently btm Twy C and Twy D. Ldg fee. Parking fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Recommended VFR Flt Procedures.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** All mil acct opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when departing/arrival route avoids identified bird activity, no local IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Comd Post for current Bird Watch Condition.

MISC Local mission acct have priority for de-icing, full acct de-icing for C-17 and C-5 acct not avbl. All mil acct only minimal classified materials avbl, aircrews should arrive with appropriate amount to complete their mission. For current Mil Rwy Condition Reading (RCR) call or ctc 914 AW comdpost or 914th AW afld management. **AFRC/ANG PPR** ctc Afld mgmt DSN 238-2176, C716-236-2176. Afld OPS svc 1200-0400Z† Mon-Fri exc hol and 1230-2130Z† Sun and UTAS. Afld management does not issue or store COMSEC, for COMSEC storage ctc Command Post DSN 238-2150, C716-236-2150. Minimum alt over Niagara Falls scenic falls is 3500'. No fleet svc avbl. NSTD apron marks identifying parking rows and parking locations.

AIRPORT MANAGER: 716-855-6450

WEATHER DATA SOURCES: ASOS (716) 297-6984

COMMUNICATIONS: CTAF 118.5 ATIS 120.8 269.4 UNICOM 122.95 PTD (HORSESHOE) 371.25

Ⓡ **BUFFALO APP/DEP CON** 126.5 317.6

TOWER 118.5 349.0 (1200-0400Z†) **GND CON** 121.7 275.8 **CLNC DEL** 119.25 251.1

914 AW COMD POST (CARBONATE) 340.025

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VORW/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 317° 17.0 NM to fld. 729/8W.

VOR/DME unusable:

036°-261° blo 11,000'

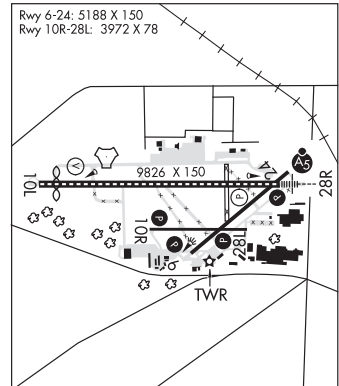
262°-275° blo 2,300'

276°-035° blo 6,000'

(T) **TACAN** Chan 47 IAG (111.0) N43°06.75' W78°57.61' at fld. 592/10W. NOTAM FILE IAG.

KATHI NDB (LOMW) 329 IA N43°06.55' W78°50.30' 279° 4.7 NM to fld. 615/10W. NOTAM FILE KIAG.

ILS 110.1 I-IAG Rwy 28R. Class IE. LOM KATHI NDB. Unmonitored when ATCT clsd.



NORTH BUFFALO SUBURBAN (See LOCKPORT on page 213)

NORWICH

LT WARREN EATON (OIC)(KOIC) 2 N UTC-5(-4DT) N42°33.99' W75°31.45'

1024 B NOTAM FILE OIC

RWY 01-19: H4727X75 (ASPH-GRVD) S-48.5, D-68 PCN 14 F/A/X/T

HIRL 0.3% up N

RWY 01: PAPI(P2L)—GA 4.0° TCH 34'. Thld dsplcd 275'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 38'. Thld dsplcd 333'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4727 TODA-4727 ASDA-4394 LDA-4119

RWY 19: TORA-4727 TODA-4727 ASDA-4452 LDA-4119

SERVICE: FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 01-19, PAPI and REIL Rwy 01 and Rwy 19—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2000Z. Unattended

Christmas. Self-svc fuel avbl 24 hrs with credit card. Geese and deer

on and invof arpt. Rwy 19 has 15' dropoff 30' from thld on west side.

Rwy safety areas have depressions in sfc. PAPI Rwy 19 unusable 5° flt of centerline. South parallel twy not lgtd. Overnight tie-down fee, fee

waived with fuel purchase.

AIRPORT MANAGER: 607-334-9430

WEATHER DATA SOURCES: AWOS-3 119.025 (607) 336-8583.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

BOSTON CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

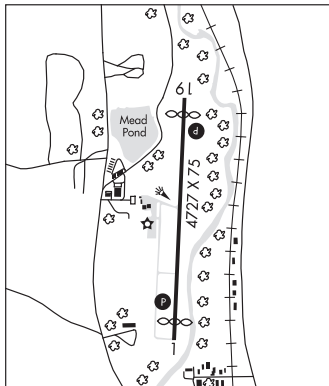
ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98' W75°14.36' 307° 14.0 NM to fld. 2027/11W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

NEW YORK

L-32F

IAP



OGDENSBURG INTL (OGS)(KOGS) 2 SE UTC-5(-4DT) N44°40.93' W75°27.80'

302 B AOE ARFF Index—See Remarks NOTAM FILE OGS

RWY 09-27: H6400X150 (ASPH-GRVD) S-114, D-151, 2D-225

PCN 46 F/D/W/T HIRL

RWY 09: PAPI(P4L)—GA 3.0° TCH 46'. Tree.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-6400 TODA-6400 ASDA-6006 LDA-6006

RWY 27: TORA-6400 TODA-6400 ASDA-6035 LDA-6035

SERVICE: FUEL 100LL, JET A LGT PAPI Rwy 09 and Rwy 27, HIRL Rwy 09-27 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z. For attendant after

2130Z call 315-528-4857. Self svc 100LL avbl 24 hrs daily. Birds

and deer on or invof arpt. Class I, ARFF Index A. PPR 24 hrs for

unscheduled air carrier ops with more than 30 passenger seats, call

arpt manager 315-393-4080 ext 239. ARFF Index B coverage is

provided. Acft approaching from the west and landing on Rwy 09

should monitor Brockville Arpt (CNL3) UNICOM on 123.0. Ldg fee.

Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 315-393-4080

WEATHER DATA SOURCES: AWOS-3 118.525 (315) 393-8982.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.4 (BURLINGTON RADIO)

BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.87' W74°43.36' 260° 34.6 NM to fld. 198/14W. HIWAS.

VOR unusable:

056°-066° blo 14,000'

067°-260°

261°-271° blo 18,000'

261°-271° byd 38 NM

272°-055°

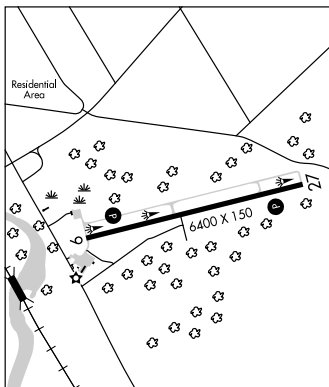
OGIVE NDB (LOMW) 358 OG N44°42.09' W75°21.18' 269° 4.9 NM to fld. 358/13W. NOTAM FILE OGS.

LOC/DME 110.7 I-OGS Chan 44 Rwy 27. LOM OGIVE NDB. Loc/LOM unmonitored.

MONTREAL

H-11C, 12K, L-32G

IAP, AD



OGIVE N44°42.09' W75°21.18' NOTAM FILE OGS.

NDB (LOM) 358 OG 269° 4.9 NM to Ogdensburg Intl. Loc/LOM unmonitored.

MONTREAL

L-32G

OLCOTT-NEWFANE (D80) 2 SW UTC-5(-4DT) N43°19.25' W78°43.74'

DETROIT

315 NOTAM FILE BUF

RWY 09-27: 2500X60 (TURF)

RWY 09: Trees.

RWY 27: Pole.

RWY 06-24: 2408X30 (TURF)

RWY 06: Trees.

RWY 24: Trees.

AIRPORT REMARKS: Attended dalgt hrs. Arpt CLOSED indef. Ultralight activities on arpt. Deer on and invof arpt. P-line off end of Rws 24 and 27, +35' high as close as 250' from rwy end on centerline. Rwy 06; +72'-80' trees, 19'-42' from thld, across centerline. Rwy 09; +31'-100' trees, 25'-120' from thld, 3'-125' left and right of centerline. Rwy 27; +14'-100' trees, 5'-650' from thld, 45'-135' left and right of centerline.

AIRPORT MANAGER: 716-778-6700

COMMUNICATIONS: CTAF/UNICOM 122.7

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

OLEAN

CATTARAUGUS CO-OLEAN (OLE)(KOLE) 10 N UTC-5(-4DT) N42°14.47' W78°22.28'

DETROIT

2135 B NOTAM FILE OLE

L-301

RWY 04-22: H4800X100 (ASPH-GRVD) S-45, D-50, 2D-46 HIRL

0.4% up SW

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 100'. Trees.

RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 200'. Trees.

RWY 16-34: 2117X100 (TURF) 0.9% up NW

RWY 16: Trees.

RWY 34: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-4800 TODA-4800 ASDA-4600 LDA-4500

RWY 22: TORA-4800 TODA-4800 ASDA-4700 LDA-4500

SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE HIRL Rwy 04-22 and REIL and PAPI Rws 04 and 22—CTAF. Rwy 26 unusable byd 5 deg left of RCL.

AIRPORT REMARKS: Attended 1300-2100Z. Arpt CLOSED holidays. Fuel avbl 24/7. Snow plowing and braking action and fld condition reports not avbl when arpt is not attended. Deer on and invof arpt. Terrain drops off on all rwy ends. Rwy 04 250' X 250' safety area. Rwy 22, 225' X 110' safety area. Rwy 16-34 has reflective edge and thld markings. Rwy 16-34 CLOSED winter months, soft in spring. Unmanned acft 1 NM radius SFC-500'.

AIRPORT MANAGER: 716-557-8800

WEATHER DATA SOURCES: AWOS-3 118.375 (716) 557-2001.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEVELAND CENTER APP/DEP COD 124.325 or call ZOB 440-774-0227

RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.

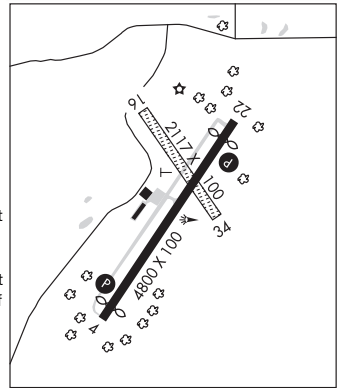
WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38' W77°59.97' 308° 18.9 NM to fld. 2297/9W.

VOR unusable:

038°-058° byd 36.0 NM blo 5,000'

LOC 109.3 I-OLE Rwy 22.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



GIERMEK EXECUTIVE (8G3) 2 SE UTC-5(-4DT) N42°04.06' W78°24.33'

DETROIT

1420 NOTAM FILE BUF

RWY 10-28: 3150X80 (TURF)

RWY 10: Trees.

RWY 28: Trees.

AIRPORT REMARKS: Attended Mon-Fri 2200-0100Z, Sat-Sun 1300-2100Z. Arpt CLOSED nights. Rwy not snow plowed. Call 716-307-8966 or 716-307-3581 for conditions. Deer and migratory birds on and invof arpt. Frequent air ambulance ops invof arpt on CTAF frequency. Rwy 10-28 1-2' deep depression/rut located 50' from beginning of Rwy 10 rgt of centerline across rwy. Rwy 10 has 1' depression located 50' from beginning of AER 10 right of centerline across rwy. Rwy 10 and Rwy 28 ends have numerous trees 30'-70' on centerline and both sides. Rwy 10-28 width varies 80-100'. Rwy 10-28 outlined white cones.

AIRPORT MANAGER: (716) 307-3581

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 124.325 or call ZOB 440-774-0227.

ONEONTA MUNI (N66) 3 N UTC-5(-4DT) N42°31.49' W75°03.87'

NEW YORK

1763 B NOTAM FILE BUF

L-32G, 33A

RWY 06-24: H4200X75 (ASPH) S-12 MIRL 0.3% up SW

RWY 06: REIL. VASI(V4R)—GA 3.0° TCH 55'. Tree.

RWY 24: MALS. REIL. PAPI(P2L)—GA 3.0°. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 24 REIL OTS indef.

ACTIVATE MALS Rwy 24, REIL Rwy 06 and Rwy 24, VASI Rwy 06 and Rwy 24, MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z±. Bcn twr partially obscured by trees.

AIRPORT MANAGER: 607-433-3420

WEATHER DATA SOURCES: AWOS-3 119.575 (607) 643-0253.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

BOSTON CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98'

W75°14.36' 077° 8.5 NM to fld. 2027/11W.

KRING NDB (LOM) 279 OZ N42°35.08' W74°59.19'

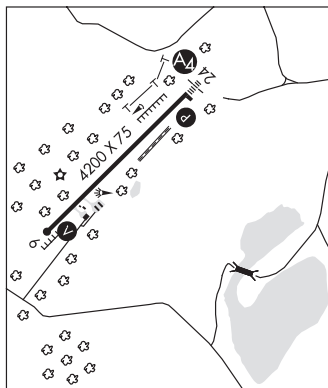
237° 5.0 NM to fld. LOM unmonitored.

LOC 108.9 I-OZX Rwy 24. LOM KRING NDB. LOC unusable 1.0

NM inbound to thld. LOC unusable byd 20° left of course. LOM

unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



ORANGE CO (See MONTGOMERY on page 219)

OSWEGO CO (See FULTON on page 200)

OVID (D82) 2 SE UTC-5(-4DT) N42°39.29' W76°47.78'

NEW YORK

1062 NOTAM FILE BUF

RWY 01R-19L: H2800X40 (ASPH)

RWY 01R: Trees.

RWY 19L: Trees.

RWY 01L-19R: 2200X60 (TURF)

RWY 01L: Trees.

RWY 19R: Trees.

SERVICE: FUEL MOGAS

AIRPORT REMARKS: Attended Apr-Nov dawn-dusk, Dec-Mar call arpt manager at 607-869-5601. Parachute Jumping. Arpt clsd to tran acft 1 Dec-1 Apr (annually). Emergency fuel only, ctc arpt manager (607)869-5601. Turf Rwy 19R thld begins 470' byd paved Rwy 19L thld. Rwy 01L-19R soft and wet Mar-Jun. Use Rwy 19L for calm wind ldgs. Rwy 19L slopes uphill.

AIRPORT MANAGER: 607-869-5601

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

PAWLING N41°46.19' W73°36.03' NOTAM FILE ISP

NEW YORK

(L) VOR/DME 114.3 PWL Chan 90 247° 27.7 NM to Stewart Intl. 1250/12W.

H-101, L-33B, 341

PENN YAN (PEO)(KPEO) 1 S UTC-5(-4DT) N42°38.23' W77°03.17'

988 B TPA-1788(800) NOTAM FILE PEO

RWY 01-19: H5499X100 (ASPH-GRVD) S-82.6, D-112, 2D-195

PCN 33 F/C/Y/T MIRL 1.3% up S

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 28'. Fence.**RWY 19:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**RWY 10-28:** H3561X50 (ASPH) S-12.5 PCN 4 F/B/X/U LIRL 1.6% up E**RWY 10:** PAPI(P2L)—GA 3.0° TCH 40'. Thld dspcd 361'. Pole.**RWY 28:** PAPI(P2R)—GA 3.5° TCH 43'. Thld dspcd 383'. Trees.**SERVICE:** S4 FUEL 100LL, JET A 0X3, 4 LGT ACTIVATE PAPI Rwy 01, Rwy 10, Rwy 19, Rwy 28, MIRL Rwy 01-19, LIRL Rwy 10-28—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2200Z†, Sat and Sun on call.

The pavement section for Rwy 10-28 is greater than the required thickness for the fleet of acft that currently utilize the rwy. The PCN listed is the largest acft classification number for the current acft using Rwy 10-28. Helicopter airframe repairs.

AIRPORT MANAGER: 315-536-4471**WEATHER DATA SOURCES:** ASOS 121.175 (315) 536-4102.**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100-0500Z‡)**CLEVELAND CENTER APP/DEP CON** 127.475 (0500-1100Z‡)**RADIO AIDS TO NAVIGATION:** NOTAM FILE ITH.**ITHACA (L) VOR/DME** 111.8 ITH Chan 55 N42°29.70' W76°27.58' 298° 27.6 NM to fld. 1102/10W.

VOR portion unusable:

060°-080° byd 28 NM blo 2,500'

081°-150° byd 10 NM blo 3,800'

360°-059° byd 10 NM blo 3,800'

DME portion unusable:

360°-160° byd 20 NM blo 6,500'

NDB (MHW) 260 PYA N42°38.64' W77°03.37' at fld. 859/12W. NOTAM FILE PEO.

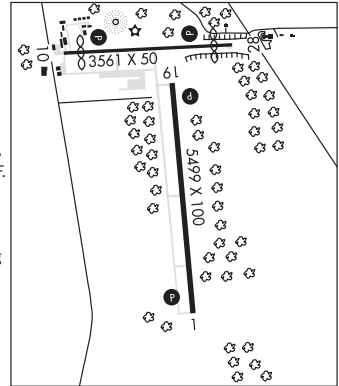
NDB unmnt

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

H-11C, 12J, L-301, 32F

IAF

**PERRY-WARSAW** (Ø1G) 3 NW UTC-5(-4DT) N42°44.48' W78°03.13'

1558 B TPA-2351(793) NOTAM FILE BUF

RWY 10-28: H3429X60 (ASPH) MIRL**RWY 10:** REIL. PAPI(P4L)—GA 3.0° TCH 41'. Brush.**RWY 28:** REIL. Thld dspcd 640'. Tree.**RWY 04-22:** 1806X60 (TURF) 0.5% up NE**RWY 04:** Trees.**RWY 22:** Fence.**SERVICE:** S4 FUEL 100LL LGT Rwy 10 and Rwy 28 REIL OTS indef. ACTIVATE MIRL Rwy 10-28 and REIL Rws 10 and 28—CTAF.**AIRPORT REMARKS:** Attended Fri-Sun 1400-2200Z†. Call manager for svc. Fuel avbl 24 hrs self serve and credit card only.

Parachute jumping. First 700' Rwy 28 slopes uphill. First 1,700' of Rwy 10 slopes uphill. Rwy 28 200' from thld has 8' dropoff both sides. Rwy 04 safety area drops off 100' before rwy beginning, at 125' left and right of centerline. Rwy 04-22 soft and wet during Mar-Jun, call arpt manager for fld condns. Turf Rwy 04-22 may be unusable during months Oct-May, call 716-237-9938 for condition. Parallel twy unlgtd.

AIRPORT MANAGER: 595-237-9938**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**GENESE0 (L) VOR/DME** 108.2 GEE Chan 19 N42°50.06' W77°43.97' 258° 15.2 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

L-301, 31E, 32F

PHILMONT N42°15.19' W73°43.40' NOTAM FILE BTV.**NDB (MHW)** 272 PFH 027° 2.4 NM to Columbia Co. 340/13W.

NEW YORK

L-33B, 34I

PINE HILL (See ALBION on page 184)

PISECO (KØ9) 1 N UTC-5(-4DT) N43°27.20' W74°30.90'
1703 NOTAM FILE BUF

NEW YORK
L-32G

RWY 04-22: H3016X60 (ASPH) S-8 MIRL 0.3% up NE

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 22: REIL. PAPI(P2R). Ground.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 04-22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22 and helipad perimeter lgts—CTAF.

AIRPORT REMARKS: Attended May-Oct, Sat-Sun 1400-2200Z±. Airport unattended Nov-Apr. Large birds, deer, bears occasionally invof rwy during summer months. Expect turbulence and downdrafts during periods of strong crosswinds. Area not maintained for ski equipped acft. Rwy 04-22 may be unusable due to snow accumulation Nov-Apr. Check NOTAMS or call 518-548-3415 for afld conditions. Acft departing Rwy 22 are requested to maintain rwy heading until past Island checkpoint, prior to making left turn. Acft arriving maintain rgt downwind heading until past Island checkpoint. Rwy lgts (electric eye over-ride).

AIRPORT MANAGER: 518-548-8794

COMMUNICATIONS: CTAF/UNICOM 122.8

UTICA RCO 122.1R 111.2T (BUFFALO RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

UTICA (L) VORTAC 111.2 UCA Chan 49 N43°01.59' W75°09.87' 060° 38.3 NM to fld. 1420/12W.

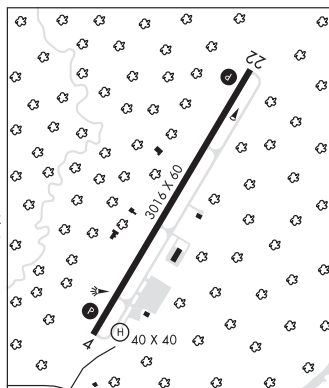
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

• • • • •

HELIPAD H1: H40X40 (ASPH) PERIMETER LGTS

HELIPAD H1: RLLS.

HELIPORT REMARKS: Helipad H1 perimeter lgts



PLATEAU SKY RANCH (See EDINBURG on page 195)

PLATTSBURGH INTL (PBG)(KPBG) 3 S UTC-5(-4DT) N44°39.06' W73°28.09'

MONTREAL

234 B TPA-2034(1800) ARFF Index—See Remarks NOTAM FILE PBG

H-11C, 12K, L-32G

RWY 17-35: H11759X200 (ASPH-CONC-GRVD) S-119, D-174, 2S-175, 2D-510, 2D/2D2-780

IAP, AD

PCN 57 F/C/W/T HIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree. Rgt tfc. 0.8% down.

RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Tree. 0.5% up.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-11759 TODA-11759 ASDA-11759 LDA-11759

RWY 35: TORA-11759 TODA-11759 ASDA-11759 LDA-11759

SERVICE: S1 **FUEL** 100LL, JET A **LGT** ACTIVATE HIRL Rwy 17-35, MALSR Rwy 35 REIL Rwy 17, and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1030-0230Z±. During periods of snow removal ops Nov 1-May 1 acft ctc 122.7 or 518-335-3279 15 min prior to ldg. Class I, ARFF Index B. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats. Call arpt manager at 518-565-4794 or 518-565-4008. Index E coverage is avbl upon request, 24 hrs prior notice required. Call arpt manager at 518-565-4794 or 518-565-4008. First 2700' asph, concrete portion has numerous cracks and spalling currently being repaired. Expect downdrafts and turbulence during periods of strong cross winds. Acft arriving or departing PBG must announce intentions on CTAF. Cold temperature rstd arpt. Alt correction rqr at or blo -29 C. Ldg fee for acft over 12,500 lbs max gross ldg weight. No ldg fee for government acft.

AIRPORT MANAGER: 518-565-4794

WEATHER DATA SOURCES: ASOS 132.225 (518) 324-5539.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **BURLINGTON APP/DEP CON** 121.1 (1030-0500Z±)

Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500-1030Z±)

CLNC DEL 121.85

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VORW/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 336° 19.5 NM to fld. 416/15W.

HIWAS.

VOR unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

DME portion unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

ILS/DME 109.7 I-FQV Chan 34 Rwy 35. Class IE.

PLAZZ N42°52.43' W78°48.99' NOTAM FILE GBD.
NDB (LOM) 204 GB 052° 5.5 NM to Buffalo Niagara Intl. 593/9W.

DETROIT
 L-31E

PORT WASHINGTON

SANDS POINT SPB (7N3) 2 NW UTC-5(-4DT) N40°49.65' W73°43.03'

NEW YORK
COPTER

00 NOTAM FILE ISP

WATERWAY 01-19: 6000X300 (WATER)

WATERWAY 12-30: 6000X300 (WATER)

SEAPLANE REMARKS: SPB tmpy out of opr. Attended Apr 1-Nov 1 1300Z±-dusk. Numerous +60' sailboats and masts.

AIRPORT MANAGER: 516-883-7800

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2849.

POTSDAM MUNI(DAMON FLD) (PTD)(KPTD) 2 E UTC-5(-4DT) N44°40.60' W74°56.91'

MONTREAL
 L-32G
 IAP

474 B TPA-1274(800) NOTAM FILE PTD

RWY 06-24: H3703X60 (ASPH) S-30 MIRL

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Tree.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 06-24, REIL Rwys 06 and 24, PAPI Rwys 06 and 24, and twy lghts—CTAF.

AIRPORT REMARKS: Unattended. Fuel 24 hr self-serve. Rwy condition not monitored, recommend visual inspection prior to use. Deer on and infov arpt. Expect fit training ops infov arpt. NS ABTMT procedures in effect. Left turn when able departing Rwy 24.

AIRPORT MANAGER: 315-268-1000

WEATHER DATA SOURCES: AWOS-3 118.325 (315) 265-6106.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.87' W74°43.36' 228° 17.2 NM to fld. 198/14W. **HIWAS.**

VOR unusable:

056°-066° blo 14,000'

067°-260°

261°-271° blo 18,000'

261°-271° byd 38 NM

272°-055°

NDB (MHW) 400 PTD N44°43.40' W74°52.96' 239° 4.0 NM to fld. 360/14W. NOTAM FILE PTD.

NDB unusable:

Byd 20 NM

POUGHKEEPSIE

HUDSON VALLEY RGNL (POU)(KPOU) 4 S UTC-5(-4DT) N41°37.60' W73°53.05'

NEW YORK

164 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE POU

H-101, 121, L-33B, 341

RWY 06-24: H5001X100 (ASPH-GRVD) S-50, D-60, 2D-110

IAP, AD

PCN 42 F/D/W/T HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.42° TCH 57'. Thld dspcd 115'. Tree.

RWY 15-33: H2744X100 (ASPH-CONC) S-35, D-45, 2D-80

PCN 26 F/D/W/T MIRL 0.3% up SE

RWY 15: Trees.

RWY 33: REIL. VASI(V4L)—GA 3.5° TCH 59'. Trees.

RWY 07-25: 1358X100 (TURF-DIRT)

RWY 25: Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 07: TORA-1358 TODA-1358 ASDA-1358 LDA-1358

RWY 15: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

RWY 24: TORA-5001 TODA-5001 ASDA-5001 LDA-4888

RWY 25: TORA-1358 TODA-1358 ASDA-1358 LDA-1358

RWY 33: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE HIRL

Rwy 06-24, REIL Rwy 24, MALSR Rwy 06—CTAF.

AIRPORT REMARKS: Attended 1200-0230Z†. Ctc FBO during business hrs at 845-849-3770 for after hrs fuel svc. Rwy 15-33 CLOSED to air carrier acft. Rwy 07-25 CLOSED ngts, during instrument meteorological conditions and from Nov 1-Apr 15. Rwy 07-25 rstd to acft less than 12,500 lbs. Deer and birds on and in/ov arpt. NS ABTMT procedures in effect, ctc arpt manager for details. TPA-1197(1034) small acft 1997(1834) large acft. Rwy 33 use of VASI rstd to category A acft only. Class IV, ARFF Index A. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 845-463-6000. Index B coverage is provided. Twy B-1, Twy G T-hangar taxilane, and Twy J t-hangar taxilane clsd to air carrier acft. Ground soft in tie down areas. Rwy 07 edges marked with reflectors. Rwy 06 EMAS OTS indef. Ldg fee for multi-engine acft.

AIRPORT MANAGER: 845-463-6000**WEATHER DATA SOURCES:** ASOS 126.75 (845) 462-0648. LAWRS.**COMMUNICATIONS:** CTAF 124.0 ATIS 126.75 UNICOM 122.95

POUGHKEEPSIE RCO 122.2 122.4 (NEW YORK RADIO)

® NEW YORK APP/DEP CON 132.75

TOWER 124.0 (1200-0300Z† 15 May-14 Sept, 1200-0200Z† 15 Sept-14 May) GND CON 121.8 CLNC DEL 121.8

AIRSPACE: CLASS D svc 1200-0300Z† 15 May-14 sep; 1200-0200Z† 15 Sept-14 May other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISF.**KINGSTON (L) VOR/DME** 117.6 IGN Chan 123 N41°39.93' W73°49.33' 242° 3.6 NM to fld. 582/12W. HIWAS.

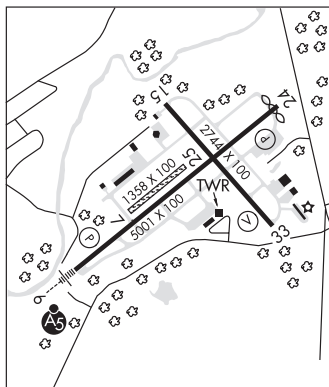
VOR portion unusable:

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

ILS 111.3 I-POU Rwy 06. Class IA. ILS unmonitored 0200-1200Z† Sep 15-May 14 and loc/gs unmonitored

0300-1200Z† May 15-Sep 14.



POUGHKEEPSIE N41°37.60' W73°53.02'

NEW YORK

RCO 122.2 122.4 (NEW YORK RADIO)

L-33B, 341

PRATT'S EASTERN DIVIDE (See SHERMAN on page 243)

R & R AERO (See WARSAW on page 249)

RANDALL (See MIDDLETOWN on page 216)

RED HOOK

SKY PARK (46N) 2 E UTC-5(-4DT) N41°59.08' W73°50.16'

NEW YORK
L-33B, 34I

323 NOTAM FILE ISP

RWY 01-19: H2664X30 (ASPH) S-30 0.3% up S

RWY 01: Trees.

RWY 19: Trees.

AIRPORT REMARKS: Unattended. Arpt access road gate locked call at least three (3) hours prior minimum for PPR at 914-380-3903. Rwy safety areas have dropoffs and rough terrain. Rwy 01-19 pavement has small potholes and loose aggregate. Rwy 01 +60' trees 130' left, 219' from rwy. Parking fee weekends during air show at Rhinebeck.

AIRPORT MANAGER: (914)380-3903

COMMUNICATIONS: CTAF 122.9

Ⓡ **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP:

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'

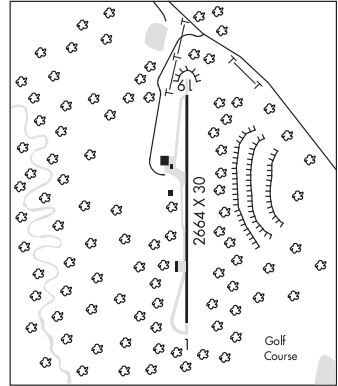
W73°49.33' 010° 19.2 NM to fld. 582/12W. **HIWAS.**

VOR portion unusable:

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc New York Apch at 516-683-2967.



RENSELAER CO (See TROY on page 248)

REPUBLIC (See FARMINGDALE on page 198)

ROCHESTER

GREATER ROCHESTER INTL (ROC)(KROC) P (ARNG) 3 SW UTC-5(-4DT) N43°07.15'

DETROIT

W77°40.31'

H-10H, 11C, 12I, L-31E, 32F

559 B TPA—See Remarks AOE Class I, ARFF Index C NOTAM FILE ROC

IAP, AD

RWY 04-22: H8001X150 (ASPH-GRVD) S-126, D-160, 2D-265

PCN 55 R/C/X/T HIRL CL

RWY 04: ALSF2. TDZL. RVR-TR Trees. 0.3% up.

RWY 22: MALSR. PAPI(P4L)—GA 3.0° TCH 67'. RVR-TR Tree. Rgt tfc. 0.5% down.

RWY 10-28: H6402X150 (ASPH-GRVD) S-126, D-160, 2D-265

PCN 47 R/C/X/T HIRL

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 54'. RVR-T Thld dsplcd 300'. Trees. Rgt tfc.

RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. RVR-T Thld dsplcd 600'. Trees.

RWY 07-25: H4000X100 (ASPH) S-32, D-42 PCN 95 F/C/X/T MIRL

RWY 07: REIL. Pole. Rgt tfc.

RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-8001 TODA-8001 ASDA-8001 LDA-8001

RWY 07: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 10: TORA-6402 TODA-6402 ASDA-5802 LDA-5502

RWY 22: TORA-8001 TODA-8001 ASDA-8001 LDA-8001

RWY 25: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

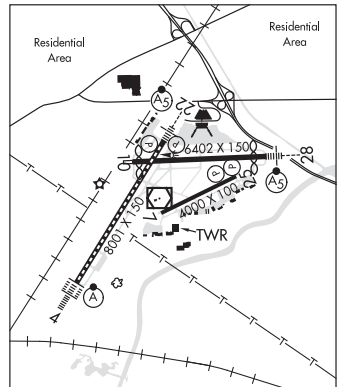
RWY 28: TORA-6402 TODA-6402 ASDA-6402 LDA-5802

ARRESTING GEAR/SYSTEM

RWY 28: EMAS

SERVICE: S4 **FUEL** 100LL, JET A, J8 **OX** 1, 2, 3, 4 **LGT** REIL Rwy 07, REIL Rwy 10 and Rwy 25 REIL controlled by twr but not monitored. PAPI Rwy 22, PAPI Rwy 10, Rwy 25 and Rwy 28 operate 24 hrs. **MILITARY—A-GEAR** Rwy 28 EMAS 368' x 160'. **FUEL** J8(Mil) (NC-100LL, A)

AIRPORT REMARKS: Attended continuously. J8 avbl for DoD acft. Birds, deer and coyote on and invof arpt. Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other. No practice apchs or maintenance engine run-ups between 0400-1100Z±. +80' obstruction lgtd twr 1250' west of Rwy 04-22 centerline 1000' south of exdtd centerline Rwy 10-28. Multiple unshielded lgts in final apch area Rwy 28. Twy A from Twy E to Rwy 28 clsd to acft with wingspan greater than 170'. Twy A2 clsd to heavy acft. Twy F from Twy F1 to Rwy 07 clsd to acft with wingspan greater than 100'. TPA—1400(841) small acft, 2000(1441) large acft/turbine. Flight Notification Service (ADCUS) avbl.



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRPORT MANAGER: 585-753-7056

WEATHER DATA SOURCES: ASOS 124.825 (585) 235-7322. WSP

COMMUNICATIONS: ATIS 124.825 UNICOM 122.95

ROCHESTER RCO 122.6 (BUFFALO RADIO)

Ⓡ APP/DEP CON 119.55 (330°-160°) 123.7 (161°-329°)

TOWER 118.3 GND CON 121.7 CLNC DEL 118.8 PRE TAXI CLNC 118.8

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.

ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08' W77°40.37' at fld. 545/12W.

ILS 110.7 I-MCU Rwy 04. Class IIE.

ILS 110.7 I-MWD Rwy 22. Class IT. OM unmonitored.

ILS/DME 109.5 I-ROC Chan 32 Rwy 28. Class IT.

ROCKDALE N42°27.98' W75°14.36' NOTAM FILE BUF.

(L) VOR/DME 112.6 RKA Chan 73 077° 8.5 NM to Oneonta Muni. 2027/11W.

RCO 122.1R 112.6T (BUFFALO RADIO)

NEW YORK

H-10I, 11C, 12I, L-32F, 33A

ROME

BECKS GROVE (K16) 8 NW UTC-5(-4DT) N43°15.05' W75°36.26'

450 NOTAM FILE BUF

RWY 06-24: H3000X23 (ASPH) S-12

RWY 06: Trees.

RWY 24: Road.

AIRPORT REMARKS: Attended Mon-Fri dalgt hrs. Large birds (turkeys) and deer on and invof Rwy 06-24. Note that bldg, bushes are 45-55' north of centerline at 495' from Rwy 24 thld.

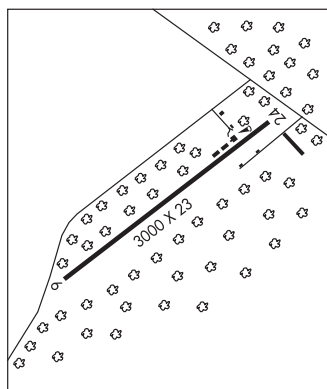
AIRPORT MANAGER: 315-337-3367

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services
1-888-766-8267.

NEW YORK

L-32F



GRIFFISS INTL (RME)(KRME) 1 NE UTC-5(-4DT) N43°14.03' W75°24.42'
 504 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE RME
RWY 15-33: H11821X200 (CONC-GRVD) S-100, D-240, 2D-500

NEW YORK
H-11C, 12K, L-32F
IAP, AD

PCN 71 R/B/W/T HIRL
RWY 15: PAPI(P4L)—GA 3.0° TCH 55'. 0.3% down..
RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-11820 TODA-11820 ASDA-11820 LDA-11820
RWY 33: TORA-11820 TODA-11820 ASDA-11820 LDA-11820

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE MALSR
 Rwy 33, HIRL Rwy 15-33, and twy lgtS —CTAF.

AIRPORT REMARKS: Attended continuously. Migratory bird alert Aug-Nov and
 Apr-May. Class IV, ARFF Index A. PPR 24 hrs for air carrier ops with
 more than 30 passenger seats call arpt manager 315-736-4171. Index
 B is provided. Index C avbl upon request 315-736-4171. Military
 assault ldg zone and precision instrument markings Rwy 15. Military
 assault ldg zone and precision instrument markings Rwy 33. Rwy 33
 designated calm wind rwy. TPA-2004(1500) piston acft, 2504 (2000)
 turbine acft. Portions of apron not visible from twr. International opr US
 Customs user fee arpt. US Customs avbl 1300-2200Z† Mon-Fri.

AIRPORT MANAGER: 315-736-4171

WEATHER DATA SOURCES: ASOS (315) 334-4360

COMMUNICATIONS: CTAF 118.1 ATIS 118.7 UNICOM 122.95

Ⓡ SYRACUSE APP/DEP CON 127.425

TOWER 118.1 (1200-0200Z†) **GND CON** 121.9

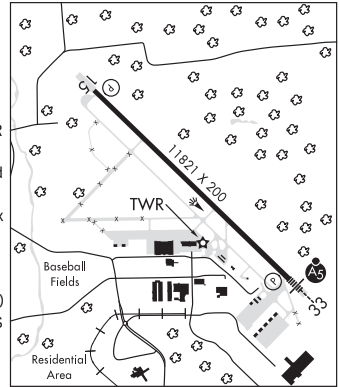
AIRSPACE: CLASS D svc 1200-0200Z† other times CLASS E.

TRSA

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

UTICA (L) VORTAC 111.2 UCA Chan 49 N43°01.59' W75°09.87' 331° 16.4 NM to fld. 1420/12W.

ILS/DME 110.1 I-RME Chan 38 Rwy 33. Class IT. LOC unusable byd 6.0 NM fm thld abv 4,200'. LOC unusable
 within thld abv 1,500'. Unmonitored when twr clsd.



ROUND LAKE (W57) 2 E UTC-5(-4DT) N42°55.87' W73°46.25'

NEW YORK

178 NOTAM FILE BTW

RWY 14-32: 1927X76 (TURF) 1.0% up SE

RWY 14: Tree.

RWY 32: Trees.

AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Arpt clsd to itinerant acft Nov-May. Rwy 14-32 has 80' trees rgt
 and left of centerline in primary sfc. Rwy 14-32 soft during spring (Mar-Jun). Military helicopters and ultralight acft use
 rwy.

AIRPORT MANAGER: 518-899-6316

COMMUNICATIONS: CTAF/UNICOM 122.8

.....
WATERWAY 14W-32W: 4000X600 (WATER)

ROUSES POINT SPB (K21) 0 E UTC-5(-4DT) N44°59.50' W73°21.81'

MONTREAL

95 AOE NOTAM FILE BTW

WATERWAY ALL-WAY: 7900X500 (WATER)

SERVICE: FUEL MOGAS

SEAPLANE REMARKS: Unattended. Marine 91 octane avbl only. Extensive watercraft activity on and in vicinity of arpt. Marine
 activity in vicinity sailboat mast +40 ft - stored boat masts to 90 ft. Landing possible all directions. Call US CUSTOMS
 prior to arrival at 518-298-8346 or 518-298-7904. Coordinate actual point of ldg at 1-800-827-2851. 1 hour
 advance notice required.

AIRPORT MANAGER: 518-297-7000

COMMUNICATIONS: CTAF 122.9

ROYALTON (See GASPORT on page 201)

SANDS POINT SPB (See PORT WASHINGTON on page 235)

SARANAC LAKE**ADIRONDACK RGNL** (SLK)(KSLK) 4 NW UTC-5(-4DT) N44°23.12' W74°12.37'

1663 B ARFF Index—See Remarks NOTAM FILE SLK

RWY 05-23: H6573X150 (ASPH-GRVD) S-40, D-73, 2S-92, 2D-115

PCN 64 F/B/W/T HIRL 0.3% up NE

RWY 05: PAPI(P4L)—GA 3.0° TCH 35'. Trees.**RWY 23:** MALSR. Trees.**RWY 09-27:** H3998X100 (ASPH) S-40, D-73, 2S-92, 2D-115

PCN 61 F/B/W/T MIRL

RWY 09: Trees.**RWY 27:** Thld dsplcd 400'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-6573 TODA-6573 ASDA-6573 LDA-6573**RWY 09:** TORA-3998 TODA-3998 ASDA-3998 LDA-3998**RWY 23:** TORA-6573 TODA-6573 ASDA-6367 LDA-6367**RWY 27:** TORA-3998 TODA-3998 ASDA-3998 LDA-3598**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 05-23,

MIRL Rwy 09-27, MALSR Rwy 23, PAPI Rwy 05 and twy lgts—CTAF.

AIRPORT REMARKS: Attended May-Oct 1100-0200Z†. Nov-Apr

1100-0100Z†. For arpt attendant after hrs call 518-637-7329.

Class IV, ARFF Index A. PPR 48 hr for unscheduled acft ops with more

than 30 passenger seats call arpt manager 518-891-4600 ext 106.

Index B coverage is avbl. Twy B unavbl to acft with wingspan 79' and

abv. Abv ground twy edge lgts adjacent to Twy B tie down apron area.

Rwy 09 NSTD markings, thld markings 400' from rwy end. Cold temperature rstd arpt. Altitude correction required at or

blo -26C. Ldg fee.

AIRPORT MANAGER: 518-891-4600**WEATHER DATA SOURCES:** ASOS 124.175 (518) 891-6696.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RCO 122.1R 395.0T (BURLINGTON RADIO)****BOSTON CENTER APP/DEP CON 120.35****RADIO AIDS TO NAVIGATION:** NOTAM FILE SLK.**SARANAC LAKE (L) VOR/DME 109.2** SLK Chan 29 N44°23.07' W74°12.27' at fld. 1647/14W.

VOR unusable:

295°-305° byd 15 NM blo 9,000'

295°-305° byd 25 NM

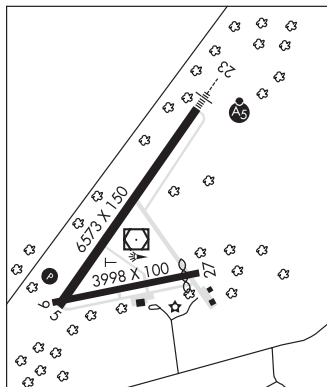
DME unusable:

089°-104° byd 25 NM blo 10,000'

105°-110° byd 25 NM

111°-165° byd 25 NM blo 10,000'

300°-350° byd 36 NM blo 10,000'

BRIEL NDB (MHW) 395 SLK N44°28.61' W74°07.44' 227° 6.5 NM to fld. 1677/14W.**ILS 108.9 I-SLK** Rwy 23. Class IA. LOM BRIEL NDB. Unmonitored.MONTREAL
H-11C, 12K, L-32G
IAP**SARANAC LAKE** N44°23.07' W74°12.27' NOTAM FILE SLK.**(L) VOR/DME 109.2** SLK Chan 29 at Adirondack Rgnl. 1647/14W.

VOR unusable:

295°-305° byd 15 NM blo 9,000'

295°-305° byd 25 NM

DME unusable:

089°-104° byd 25 NM blo 10,000'

105°-110° byd 25 NM

111°-165° byd 25 NM blo 10,000'

300°-350° byd 36 NM blo 10,000'

RCO 122.1R 395.0T (BURLINGTON RADIO)MONTREAL
L-32G**SARATOGA CO** (See SARATOGA SPRINGS on page 241)

SARATOGA SPRINGS

SARATOGA CO (5B2) 3 SW UTC-5(-4DT) N43°03.04' W73°51.70'

434 B TPA-1201(767) LRA NOTAM FILE 5B2

RWY 05-23: H4699X100 (ASPH-CONC-GRVD) S-30 MIRL

RWY 05: REIL. Trees.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.

RWY 14-32: H4000X100 (ASPH-CONC) S-30 MIRL

RWY 14: Trees.

RWY 32: REIL. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4** **LGT** Rwy 14-32 rwy lgts OTS.

Rwy 05 right REIL OTS. **ACTIVATE** MIRL Rwy 05-23 and Rwy 14-32, REIL Rwy 05 and Rwy 23 and Rwy 32—CTAF.

AIRPORT REMARKS: Attended 1230Z±-dusk. Albany ANG helicopters do touch and go ldg ops usually during dalgt hrs. Glider activity on weekends and occasionally weekdays with extensive pre-launch and after ldg ground ops on shoulders of rwy in use. Year round federally and state protected habitat for Karner Blue Butterfly, unauthorized off-pavement ops prohibited. VASI clearance plane obstruction exists on Rwy 32 due to tree height.

AIRPORT MANAGER: 518-885-5470

WEATHER DATA SOURCES: AWOS-3 132.025 (518) 884-9289.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **ALBANY APP/DEP CON** 118.05

GCO 118.125 (ALBANY CLNC DEL)

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 293° 23.0 NM to fld. 1490/14W.

HIWAS.

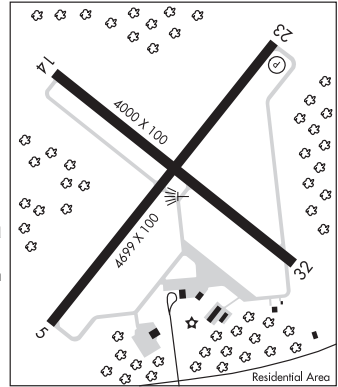
DME portion unusable:

040°-130° blo 9,000'

NEW YORK

L-32G

IAP



SCHEENECTADY CO (SCH)(KSCH) P (ANG) 3 N UTC-5(-4DT) N42°51.15' W73°55.74'

378 B LRA NOTAM FILE SCH

RWY 04-22: H7001X150 (ASPH-GRVD) S-95, D-175, 2D-348, 2D/2D-850 HIRL 0.9% up NE

RWY 04: MALSR. PAPI(P2L)—GA 3.0° TCH 55'. Trees.

RWY 22: PAPI(P2L)—GA 3.0° TCH 50'. Trees.

RWY 10-28: H4850X150 (ASPH-GRVD) S-55, D-134, 2S-170, 2D-218, 2D/D1-430, 2D/2D2-541, C5-559 MIRL

RWY 10: PAPI(P2L)—GA 4.0° TCH 50'. Thld dsplcd 200'. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 50'.

SERVICE: S6 **FUEL** 100LL, JET A **OX 2** **LGT** REIL Rwy 28 OTS indef.

When twr clsd, **ACTIVATE** HIRL Rwy 04-22 and MIRL Rwy 10-28 and MALSR Rwy 04—CTAF. **MILITARY—JASU** (A/M32A-86) (MA-1A) (AM32-95) **FUEL** A++ (Mil) (NC-100LL, A) **FLUID** SP(Mil) LOX(Mil) OIL O-148-156(Mil).

AIRPORT REMARKS: Attended 1230-0330Z±. 60' dropoff 150' from Rwy 28 end. Birds on and invof arpt. Noise abatement procedure in effect for large acft remaining in pattern ctc airfield manager for details. No ultra-light opr in Class D airspace without apvl from ATCT. Military C130 pattern opr conducted daily. No fld or braking action reports avbl between 0330Z± and 1230Z± daily. Cold temperature rstd arpt. Altitude correction required at or blo -21°C/-6°F. Ldg fee for itinerant multi-engine acft requesting twr svc 0330-1200Z±. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (518) 399-0111

WEATHER DATA SOURCES: AWOS-3 119.275 (518) 399-6586.

COMMUNICATIONS: CTAF 121.3 UNICOM 122.95

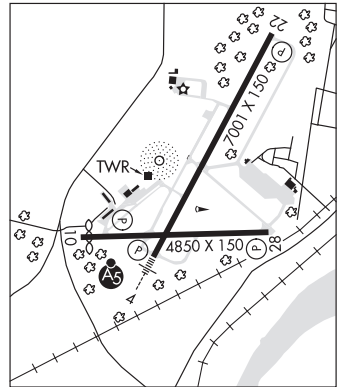
Ⓡ **ALBANY APP/DEP CON** 118.05

TOWER 121.3 (1230-0330Z±) **GND CON** 121.9

NEW YORK

H-11C, 12K, L-32G

IAP, AD



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1230-0330Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (H) VORTACW 115.3 ALB Chan 100 N42°44.84' W73°48.19' 332° 8.4 NM to fld. 272/13W.

VOR unusable:

- 020°-059° byd 13 NM blo 6,000'
 - 060°-080°
 - 100°-135° byd 8 NM blo 10,000'
 - 120°-135° byd 37 NM blo 14,500'
 - 136°-175° byd 8 NM blo 6,000'
 - 176°-193° byd 17 NM blo 8,000'
 - 176°-193° byd 25 NM blo 12,000'
 - 194°-221° blo 6,000'
 - 194°-221° byd 28 NM blo 8,000'
 - 221°-250°
 - 310°-320° byd 30 NM blo 5,000'
 - 330°-019° blo 3,000'
 - Byd 10 NM blo 6,000'
 - Byd 19 NM blo 9,000'
 - Byd 28 NM blo 10,000'
- TACAN & DME unusable:
- 030°-055° byd 10 NM
 - 155°-195° byd 28 NM blo 5,500'
 - 255°-340° byd 28 NM

HUNTER NDB (MHW) 356 HEU N42°51.25' W73°56.01' at fld. 333/14W. NOTAM FILE SCH.

ILS 109.7 I-SCH Rwy 04. Class IB. Glideslope unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: UNICOM use 130.55 for svc from FBO.

SCHROON LAKE (4B7) 2 N UTC-5(-4DT) N43°51.75' W73°44.43'

NEW YORK

834 NOTAM FILE BTW

L-32G

RWY 16-34: H3000X60 (ASPH) S-13

RWY 16: Thld dsplcd 100'. Road.

RWY 34: Trees.

AIRPORT REMARKS: Attended dalgt hrs. Debris from adjacent land fill is occasionally blown onto and across rwy. Trees penetrate transition sfcs both sides, rock ledge penetrates transition sfc rgt side. 25' dropoff 30' from Rwy 34 end. Recommend ldg Rwy 16, tkf Rwy 34.

AIRPORT MANAGER: 518-532-7737

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE GFL.

GLENS FALLS (L) VORTAC 110.2 GFL Chan 39 N43°20.50' W73°36.71' 004° 31.7 NM to fld. 324/14W.

DME unusable:

- Blo 9,000'
- VOR unusable:
- 002°-009° blo 11,000'
 - 010°-020° byd 20 NM blo 6,000'
 - 010°-020° byd 30 NM
 - 021°-090° blo 10,000'
 - 091°-159° blo 7,000'
 - 160°-170° byd 30 NM
 - 171°-198° blo 7,000'
 - 199°-203° blo 10,000'
 - 204°-269° blo 7,000'
 - 270°-299° blo 10,000'
 - 300°-001° blo 10,000'

TACAN AZIMUTH unusable:

- Blo 9,000'
- TACAN azimuth OTS indef

SCHUYLERVILLE

GARNSEYS (BØ4) 1 S UTC-5(-4DT) N43°04.06' W73°35.03'

NEW YORK

100 NOTAM FILE BTW

RWY 02-20: 2500X90 (TURF)

RWY 02: Road.

RWY 20: Road.

AIRPORT REMARKS: Attended May-Sep dalgt hours. Arpt open dalgt hours only. Numerous buildings in apch to Rwy 20.

Tiedowns located immediately north of driveway adjacent to Rwy 20 end.

AIRPORT MANAGER: 518-695-3346

COMMUNICATIONS: CTAF 122.9

• • • • •

WATERWAY 02W-20W: 9999X750 (WATER)

SENECA FALLS

FINGER LAKES RGNL (ØG7) 2 SE UTC-5(-4DT) N42°53.01' W76°46.87'

NEW YORK

492 B NOTAM FILE BUF

L-32F

RWY 01-19: H4592X75 (ASPH) S-12.5, D-30 MIRL

IAF

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 392'.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 11-29: 1850X60 (TURF) 1.3% up W

RWY 11: Trees.

RWY 29: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4592 TODA-4592 ASDA-4592 LDA-4199

RWY 19: TORA-4592 TODA-4592 ASDA-4592 LDA-4292

SERVICE: S4 FUEL 100LL, JET A LGT REIL Rwy 19 OTS indef. PAPI

Rwy 19 OTS indef. ACTIVATE MIRL Rwy 01-19, and REIL Rwy 01 and Rwy 19—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z†. Sat-Sun

1300-2000Z†. Medivac heliport flight svc on arpt, monitor CTAF for ops. Ldg fee. \$50 landing fee for jets and turbo props.

AIRPORT MANAGER: 315-568-0110

WEATHER DATA SOURCES: AWOS-3 120.0 (315) 568-5362.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ SYRACUSE APP CON 126.125 (E-NE)

Ⓡ ELMIRA APP CON 124.3 (SW-SE) (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP CON 133.35 (SW-SE) (0500-1100Z‡)

Ⓡ ROCHESTER APP CON 119.55 (W-NW)

Ⓡ SYRACUSE DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70' W76°27.58' 339° 27.3 NM to fld. 1102/10W.

VOR portion unusable:

060°-080° byd 28 NM blo 2,500'

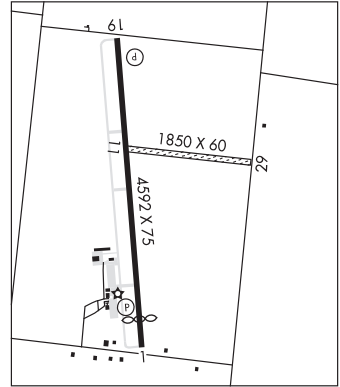
081°-150° byd 10 NM blo 3,800'

360°-059° byd 10 NM blo 3,800'

DME portion unusable:

360°-160° byd 20 NM blo 6,500'

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.



SHARON (K31) 2 SE UTC-5(-4DT) N42°46.70' W74°34.66'

NEW YORK

1508 TPA-2500(992) NOTAM FILE BUF

RWY 13-31: 2570X120 (TURF)

RWY 13: Thld dsplcd 200'. Trees.

RWY 31: Tree.

AIRPORT REMARKS: Attended irregularly. P-line parallel on SW side of rwy. Rwy 13 thld dsplcd ngt ops only. Rwy shortened by 200' on the west end due to turf holes/crevasses.

AIRPORT MANAGER: 518-284-2081

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.

SHERMAN

PRATT'S EASTERN DIVIDE (D88) 4 W UTC-5(-4DT) N42°09.00' W79°41.15'

DETROIT

1640 NOTAM FILE BUF

RWY 08-26: 2600X75 (TURF)

RWY 08: Road.

RWY 26: Trees.

AIRPORT REMARKS: Attended irregularly. Deer on and invof rwy. Ultralight on and invof arpt. There are 28' p-lines running along south side of Hazen Rd sighted 115' left and 495' from Rwy 08 end.

AIRPORT MANAGER: 814-725-5923

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 127.075 or call ZOB 440-774-0227.

SHIRLEY

BROOKHAVEN (HWV)(KHVV) 1 N UTC-5(-4DT) N40°49.32' W72°52.02'

81 B TPA—1081(1000) NOTAM FILE HWV

RWY 15-33: H4222X150 (ASPH-CONC) S-52, D-70, 2S-89, 2D-120

MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 47'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Trees.

RWY 06-24: H4200X100 (ASPH) S-32, D-56, 2D-93 MIRL

0.3% up NE

RWY 06: MALS. REIL. VASI(V4L)—GA 3.0° TCH 47'. Trees.

RWY 24: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT All twy lgt opr. ACTIVATE MALS

Rwy 06, REIL Rwy 06, Rwy 24, Rwy 15 and Rwy 33, VASI Rwy 06,

PAPI Rwy 15, Rwy 33, MIRL Rwy 06-24 and MIRL Rwy

15-33—CTAF.

AIRPORT REMARKS: Attended 1300-0000Z. Deer all areas of arpt especially at ngt. Glider ops dalgt hrs. Pilots be aware when conducting practice ILS apchs, extensive lgt acct training on and invof arpt all hrs. Gliders use rgt tfc pat for Rwy 24 and Rwy 33, gliders use left tfc pat for Rwy 06 and Rwy 15. Parachute Jumping. Extensive parachute jumping activity invof arpt. Upper air balloons launched 3 miles north of arpt 1100Z and 2300Z. Rwy 06 VGS and glidepath not coincident. Overnight ramp parking \$5.00. Ldg fee.

AIRPORT MANAGER: 631-281-5100

WEATHER DATA SOURCES: ASOS 119.625 (631) 399-7095.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 120.05

CLNC DEL 133.2

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) VOR/DME 117.2 CCC Chan 119 N40°55.78' W72°47.93' 219° 7.2 NM to fld. 85/13W.

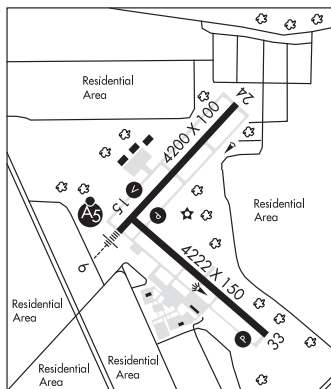
VOR portion unusable:

280°-290° byd 25 NM

ILS 108.95 I-HWV Rwy 06. Glideslope unmonitored. LOC unusable byd 4.6 NM fm thld abv 2,100'. LOC unusable within thld abv 1,000'. LOC unusable within 0.5 NM.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2963.

NEW YORK
COPTER
L-33B, 341
IAP



SIDNEY MUNI (N23) 1 W UTC-5(-4DT) N42°18.16' W75°24.96'

1027 B TPA—1081(1000) NOTAM FILE BUF

RWY 07-25: H4201X75 (ASPH) S-25, D-45 MIRL

RWY 07: REIL. Brush.

RWY 25: REIL. PAPI(P2R)—GA 3.66° TCH 48'. Fence. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE MIRL Rwy 07-25 and REIL Rwy 07 and 25—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. For attendant other times call 607-561-2346. Numerous hills surround arpt up to 800' abv arpt elevation. High tension lines 1 NM from AER 07. Cold temperature rst arpt. Altitude correction required at or blo -20C/-4F.

AIRPORT MANAGER: 607-561-2346

WEATHER DATA SOURCES: AWOS-3 118.275 (607) 561-2333.

COMMUNICATIONS: CTAF/UNICOM 122.8

HANCOCK RCO 122.1R 116.8T (BUFFALO RADIO)

ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

Ⓡ **BOSTON APP/DEP CON** 133.25

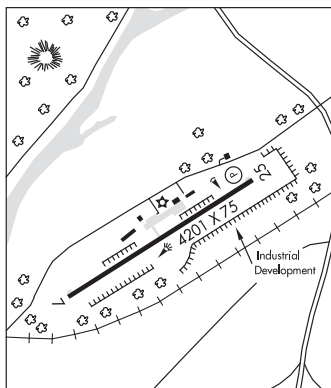
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

DELANCEY (L) VOR/DME 112.1 DNY Chan 58 N42°10.70' W74°57.42' 301° 21.8 NM to fld. 2560/11W. HIWAS.

ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98' W75°14.36' 230° 12.6 NM to fld. 2027/11W.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.

NEW YORK
L-30K, 32F, 33A
IAP



SKANEATELES AERO DROME (6B9) 2 SW UTC-5(-4DT) N42°54.84' W76°26.45'

NEW YORK

1038 TPA-1838(800) NOTAM FILE BUF

L-32F

RWY 04-22: 3350X130 (TURF)

IAP

RWY 04: Trees.

RWY 22: Fence.

RWY 10-28: H3134X58 (ASPH) S-9 MIRL(NSTD) 0.4% up W

RWY 10: Trees.

RWY 28: Trees.

SERVICE: FUEL 100LL LGT Arpt lgt OTS indef. ACTIVATE MIRL Rwy 10-28-CTAF.

AIRPORT REMARKS: Unattended, call manager. Fuel avbl 24 hr self svc credit card. Rwy 28 two 55' power poles 70' either side centerline 700' from thld. Rwy 04-22 avbl 15 May to 15 Oct. Rwy 10-28 NSTD MIRL, lghts are 38' from pavement edge, no thld lghts. Rwy 28 has 4 lghts out and 2 lghts very dim. One thld lgt is rotated 90° (red/green lens). Rwy 10 3' fence 20' from thld on both sides, 15' road 30' from thld on both sides and 4' fence 80' from thld on both sides. -10' culvert/ditch 50' left of centerline at thld. Rwy 04-22 has variations in rwy sfc.

AIRPORT MANAGER: 315-263-3491**WEATHER DATA SOURCES:** AWOS-3P 120.125 (315) 685-5790.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ SYRACUSE APP/DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 226° 18.1 NM to fld. 453/11W. HIWAS.

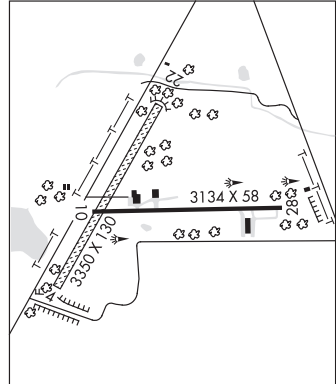
TACAN AZIMUTH & DME unusable:

Byd 35 NM blo 4,000'

VOR unusable:

067°-077° byd 30 NM

134°-144° byd 19 NM

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.**SKY ACRES** (See MILLBROOK on page 217)**SKY PARK** (See RED HOOK on page 237)**SMITE** N42°06.28' W75°53.47' 842/12W NOTAM FILE BGM.

NEW YORK

NDB (LOMW) 332 BG 340° 7.4 NM to Greater Binghamton/Edwin A Link Fld.

SOUTH ALBANY (See SOUTH BETHLEHEM on page 245)**SOUTH BETHLEHEM****SOUTH ALBANY** (4B0) 2 N UTC-5(-4DT) N42°33.64' W73°50.04'

NEW YORK

196 TPA-996(800) NOTAM FILE BTV

L-32G, 33B, 34I

RWY 01-19: H2853X60 (ASPH) LIRL 0.4% up N

IAP

RWY 01: RVR-T Thld dsplcd 150'. Fence.

RWY 19: RVR-R Thld dsplcd 124'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE LIRL Rwy 01-19 and windsck lgt-CTAF.

AIRPORT REMARKS: Attended Nov-Mar 1300-2100Z, Apr-Oct 1100-0200Z. Arpt clsd to acct over 12,500 lbs. Birds on and invof arpt. Helicopter NS ABTMT procedures in effect. VFR dep maintain rwy hdg until pat alt reached. Avoid arr and dep to/from the west. +17' railroad across centerline 200' S of Rwy 01.

AIRPORT MANAGER: (518) 281-5430**COMMUNICATIONS:** CTAF 122.9

Ⓡ ALBANY APP/DEP CON 118.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 234° 33.8 NM to fld. 1490/14W.

HIWAS.

DME portion unusable:

040°-130° blo 9,000'

SOUTHAMPTON HELIPORT (87N) 4 SE N40°50.84' W72°27.84'

5 NOTAM FILE ISP

HELIPAD H1: H44X44 (ASPH)

HELIPORT REMARKS: Attended continuously. Noise sensitive area due to houses nearby. No idling or waiting on helipad permitted. Rwy H1; +3' fence 22' S; +15' road 25' S; +47' house 230' S. Rwy H1; +24' brush 65' SE; +31' AWOS twr 165' SE; +45' bldg 430' SE. Rwy H1; +52' bldg 550' SW. Ldg fee \$150 for less than 5,000 lbs max gross ldg weight and \$200 for greater than or equal to 5,000 lbs max gross ldg weight.

AIRPORT MANAGER: 631-283-0247**COMMUNICATIONS:** CTAF 122.9**NEW YORK APP/DEP CON** 125.975**RADIO AIDS TO NAVIGATION:** NOTAM FILE HTO.**HAMPTON (H) VORTAC** 113.6 HTO Chan 83 N40°55.14'W72°19.00' 250° 8.0 NM to fld. 22/13W. **HIWAS.**

HIWAS OTS indef

DME portion unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

280°-325° byd 35 NM blo 1,700'

325°-355° byd 30 NM blo 2,000'

VOR unusable:

055°-100° byd 22 NM

221°-231° blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2963.

NEW YORK

COPTER

L-33C, 341

IAP

**SPADARO** (See EAST MORICHES on page 195)**SPENCERPORT AIRPARK** (D91) 2 S UTC-5(-4DT) N43°10.17' W77°49.10'

614 NOTAM FILE BUF

RWY E-W: 2450X90 (TURF)**RWY E:** Trees.**RWY W:** Trees.

AIRPORT REMARKS: Attended irregularly. Rwy E-W soft in winter. For rwy conditions call 585-737-3018. +80' antenna 2270' from thld 10' south of centerline.

AIRPORT MANAGER: (585) 737-3018**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru Flight Services 1-888-766-8267.

DETROIT

STAATSBURG**AIRHAVEN** (Ø9N) 3 SE UTC-5(-4DT) N41°49.96' W73°52.57'

450 NOTAM FILE ISP

RWY 02-20: 1863X75 (TURF) 1.5% up N**RWY 02:** Tree.**RWY 20:** Trees.**SERVICE:** S4

AIRPORT REMARKS: Unattended. Rwy not plowed in winter. Rwy 02-20 2' pvc reflective markers, blue markers at thld, all others along edges are white. Rwy 20 has +50' trees, 30' from thld, 50' left. Steep grades and drop-offs located in Rwy 02 safety area.

AIRPORT MANAGER: 845-889-4717**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc New York Apch at 516-683-2967.

NEW YORK

STEWART INTL (See NEW YORK on page 227)

STORMVILLE (N69) 1 NE UTC-5(-4DT) N41°34.62' W73°43.94'
 358 NOTAM FILE ISP
RWY 06-24: H3315X50 (ASPH) S-25 0.8% up NE
RWY 06: Trees.
RWY 24: Trees.

NEW YORK
 L-33B, 34I
 IAP

AIRPORT REMARKS: Unattended. Geese on and in/ov rwy Aug-Oct. Rwy 06-24 wide cracks and weeds on rwy. Rwy 06-24 not plowed. Various materials may be next to rwy ends after flea markets.

AIRPORT MANAGER: 845-221-6561

COMMUNICATIONS: CTAF/UNICOM 122.8

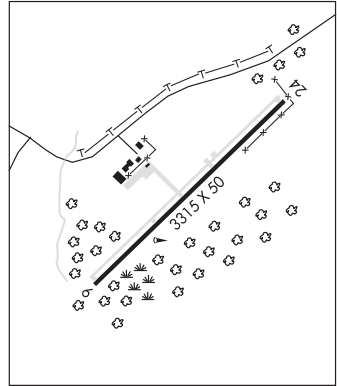
Ⓡ NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'
 W73°49.33' 155° 6.7 NM to fld. 582/12W. **HIWAS.**

VOR portion unusable:
 045°-050° byd 35 NM blo 4,300'
 070°-140° byd 30 NM blo 3,400'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.



SUFFOLK CO N40°50.27' W72°37.91' NOTAM FILE FOK.
(T) TACAN 111.0 FOK Chan 47 at Francis S Gabreski. 50/13W. TACAN unmonitored when twr clsd.
 No NOTAM MP: 1600-2000Z† Mon

NEW YORK
 L-33B, 34I

SULLIVAN CO INTL (See MONTICELLO on page 220)

SYRACUSE HANCOCK INTL (SYR)(KSYR) P (ANG AR) 4 NE UTC-5(-4DT) N43°06.67'
 W76°06.38'

NEW YORK
 H-11C, 12I, L-32F
 IAP, AD

421 B LRA Class I, ARFF Index C NOTAM FILE SYR
RWY 10-28: H9003X150 (ASPH-GRVD) S-115, D-156, 2D-257
 PCN 121F/B/W/T HIRL CL

RWY 10: MALSR. VASI(V4L)—GA 3.0° TCH 55'. RVR-TMR Trees.

RWY 28: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 60'. RVR-TMR Trees.
 0.3% up.

RWY 15-33: H7500X150 (ASPH-GRVD) S-115, D-156, 2D-257
 PCN 143F/B/W/T HIRL CL

RWY 15: MALSR. VASI(V4L)—GA 3.0° TCH 53'. RVR-R Trees.

RWY 33: PAPI(P4L)—GA 3.0° TCH 53'. RVR-T Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 15: TORA-7500 TODA-7500 ASDA-7500 LDA-7500

RWY 28: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 33: TORA-7500 TODA-7500 ASDA-7500 LDA-7500

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 MILITARY—JASU
 2(A/M32A-86) 1(MC-1A) 2(MC-2A) 3(M32A-60A) 2(MC-11) FUEL
 A+ ((NC-100LL, A)

AIRPORT REMARKS: Attended continuously. No charter ops through passenger terminal bldg without prior permission. No jet engine maintenance runs abv idle between 0400-1100Z†. No tran acct parking on main terminal ramp. Deer, coyote, birds on and in/ov arpt. Rwy 28 touchdown RVR also used for Rwy 33. Direct custom notification is required. Hrs of notification are Mon-Sat 1300-2200Z†. Arrivals outside of these hrs must make arrangements during regular work hrs, call 315-455-2271. NS ABTMT procedures in effect. UAS operate within the confines of the Syracuse Class C, times vary. UAS ops in Syracuse Apch/Dep airspace will be controlled by SYR ATC at all times.

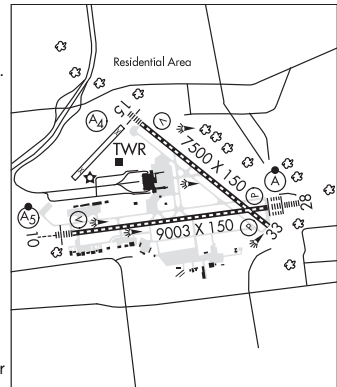
AIRPORT MANAGER: 315-454-3263

WEATHER DATA SOURCES: ASOS (315) 455-3444 HIWAS 117.0 SYR. WSP.

COMMUNICATIONS: ATIS 124.225 UNICOM 122.95

Ⓡ APP/DEP CON 126.125 (100°-278°) 134.275 (279°-99°)

TOWER 120.3 GND CON 121.7 CLNC DEL 125.05



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

(H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 135° 5.2 NM to fld. 453/11W. HIWAS.

TACAN AZIMUTH & DME unusable:

Byd 35 NM blo 4,000'

VOR unusable:

067°-077° byd 30 NM

134°-144° byd 19 NM

ILS/DME 109.9 I-MRZ Chan 36 Rwy 10. Class IB. Monitored by ATCT.

ILS/DME 109.9 I-SYR Chan 36 Rwy 28. Class IIE.

COMM/NAV/WEATHER REMARKS: Fld condition reports recording avbl call 315-455-3444.

TICONDEROGA MUNI (4B6) 2 NE UTC-5(-4DT) N43°52.64' W73°24.79'

NEW YORK

274 B NOTAM FILE BTV

L-32G

RWY 02-20: H4041X60 (ASPH) MIRL

IAP

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Fence.

RWY 20: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees. Rgt tfc.

SERVICE: FUEL 100LL LGT Rwy 02 2 thld lgts OTS indef. ACTIVATE

MIRL Rwy 02-20, PAPI Rwys 02 and 20, REIL Rwys 02 and

20—CTAF.

AIRPORT REMARKS: Unattended. Winter opr Dec-Mar call for rwy conditions.

100LL self svc credit. Arpt fees—hangar, tie down, ldg. Rwy 02 50'

trees 1150' from rwy end 50' left. Cold temperature rstd arpt. Altitude

correction required at or below -27C. Ldg fee for jet/turbine and air taxi.

AIRPORT MANAGER: 518-585-6265

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VOR/DME 117.5 BTW Chan 122 N44°23.83'

W73°10.96' 213° 32.7 NM to fld. 416/15W. HIWAS.

VOR unusable:

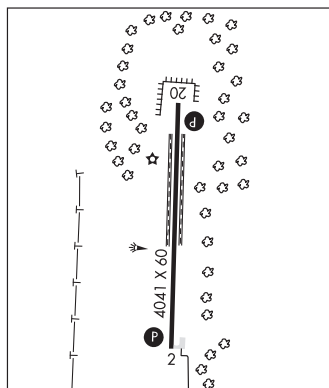
075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

DME portion unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'



TRI-CITIES (See ENDICOTT on page 197)

TROY

RENSELAEER CO (5B7) 6 SE UTC-5(-4DT) N42°41.50' W73°34.80'

NEW YORK

440 TPA—1500(1060) NOTAM FILE BTV

RWY 18-36: H2670X50 (ASPH) S-8

RWY 18: Trees.

RWY 36: Trees.

AIRPORT REMARKS: Unattended. Tran acct call 518-596-5947 for fld conditions prior to arrival. Deer and birds on and invof

arpt. Surrounding terrain slopes down to rwy, due to higher surrounding terrain recommend use of the following

procedures, departing Rwy 36, use best angle of climb speed until well clear of residential area north of Rwy 36, arrivals

Rwy 18 maintain sufficient alt on final so as to avoid low alt and/or high power over residential area which underlies final

apch to Rwy 18. Departures Rwy 18 and arrivals Rwy 36 use normal procedures. Rwy 18-36 pavement cracked, loose

rocks and vegetation. Rwy 18 first 40' overgrown with grass. Rwy 18 markings not visible.

AIRPORT MANAGER: (518) 596-5947

COMMUNICATIONS: CTAF/UNICOM 122.7

UTICA/FRANKFORT

FRANKFORT-HIGHLAND (6B4) 4 SE UTC-5(-4DT) N43°00.97' W75°10.17'

NEW YORK

1325 NOTAM FILE BUF

RWY 13-31: H2750X60 (ASPH) S-12 LIRL 0.4% up NW

RWY 13: Thld dsplcd 200'. Trees.

RWY 31: Thld dsplcd 205'.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Self-serve fuel. Geese on and invof arpt during spring and fall. Model plane club opr on arpt.

Rwy 31 has 120' dropoff 90' from thld on both sides. LIRL Rwy 13-31 not avbl to tran acct.

AIRPORT MANAGER: 315 732-9888

COMMUNICATIONS: CTAF/UNICOM 122.8

UTICA N43°01.59' W75°09.87' NOTAM FILE BUF.
 (L) VORTAC 111.2 UCA Chan 49 331° 16.4 NM to Griffiss Intl. 1420/12W.
 RCO 122.1R 122.2 122.65 111.2T (BUFFALO RADIO)

NEW YORK
 L-32G

VARNAH N42°25.80' W76°22.08' NOTAM FILE ITH.
 NDB (LOMW) 266 IT 324° 5.5 NM to Ithaca Tompkins Rgnl. 1497/12W.

NEW YORK

WALLKILL

KOBELT (N45) 2 NE UTC-5(-4DT) N41°37.45' W74°08.50'
 420 B NOTAM FILE ISP
 RWY 03-21: H2864X50 (ASPH) S-13
 RWY 03: Trees.
 RWY 21: Trees.

NEW YORK

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Arpt clsd to acft 13,500 lbs and over. Deer on and in/ov arpt. PJE at arpt 3.0 NM radius SFC-14,500'. Rwy 03 has access road 16' from thld both sides. Rwy center width of 30' in good condition, 10' width on both sides of centerline in poor condition with extensive cracks and vegetation. Rwy 03-21 slight depression in grass areas opposite south end of rwy. Rwy center 30' recently overlaid. Outside edges beyond this in poor condition. 18' wide parallel twy, stub connectors to rwy between ends in fair condition.

AIRPORT MANAGER: 845-255-1087

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.

WARSAW

R & R AERO (5R5) 3 WSW UTC-5(-4DT) N42°43.25' W78°11.08'
 1650 NOTAM FILE ISP
 RWY 10-28: 4000X140 (TURF)
 RWY 10: Trees.
 RWY 28: Trees. Rgt tfc.

DETROIT

AIRPORT REMARKS: Attended irregularly. Clsd during snow months (Nov-Apr).

AIRPORT MANAGER: 585-786-8574

COMMUNICATIONS: CTAF 122.9

WARWICK MUNI (N72) 3 NE UTC-5(-4DT) N41°17.26' W74°17.23'
 540 TPA-1500(960) NOTAM FILE ISP
 RWY 08-26: 2250X80 (TURF)

NEW YORK

RWY 08: Tree.

RWY 26: Trees.

RWY 03R-21L: H2150X28 (ASPH) LIRL(NSTD)

RWY 03R: Tree.

RWY 21L: Trees.

RWY 03L-21R: 2100X50 (TURF)

RWY 03L: Trees.

RWY 21R: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 03R-21L-CTAF.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED to tran acft sunset-sunrise. Deer and bird act near movement areas.

Mountains and twrs in close vicinity of arpt. Self svc fuel avbl. Rwy 03R-21L numerous transverse cracks 1-3". Rwy 08 has 6' chain link fence 58' left, parallel to rwy. No practice ldfs. Rwy 03R-21L NSTD LIRL, spacing 400' apart and no thld lgts.

AIRPORT MANAGER: 845-987-1320

COMMUNICATIONS: CTAF/UNICOM 123.0

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.

WATERLOO

AIRTREK (D93) 3 S UTC-5(-4DT) N42°51.00' W76°50.98'

NEW YORK

590 NOTAM FILE BUF

RWY 10-28: 2275X85 (TURF) LIRL(NSTD)

RWY 10: Tree.

RWY 28: Thld dspcd 541'. Tree.

SERVICE: LGT For LIRL Rwy 10-28 call 315-246-8594.

AIRPORT REMARKS: Unattended. Call manager for fld condition 315-246-8594. Ultralight on and invof arpt. Grass overgrown entire rwy length, turf soggy. Rwy soft in spring, 300' of Rwy 28 rutted under repair. NSTD dspcd thld markings Rwy 28 marked with one white and two green lgts each side. Rwy 10 30' to 47' powerline, 450' from thld, across rwy centerline; 50' high tree, 134' right, 369' from thld. Rwy 28 + 22' P-line, 31' past (into) rwy thld.

AIRPORT MANAGER: 315-246-8594

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1-888-766-8267.

WATERTOWN INTL (ART)(KART) 5 W UTC-5(-4DT) N43°59.51' W76°01.17'

NEW YORK

331 B AOE ARFF Index—See Remarks NOTAM FILE ART

H-11C, 12K, L-32F

RWY 10-28: H7001X150 (ASPH-GRVD) S-109, D-154, 2D-254

PCN 43 F/C/X/T MIRL 0.3% up E

RWY 10: PAPI(P4L)—GA 3.0° TCH 47'. Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 07-25: H4999X150 (ASPH-GRVD) S-105, D-147, 2D-244

PCN 41 F/C/X/T HIRL 0.3% up NE

RWY 07: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Trees.

RWY 25: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-4999 TODA-4999 ASDA-4599 LDA-4599

RWY 10: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 25: TORA-4999 TODA-4999 ASDA-4999 LDA-4999

RWY 28: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 07-25,

MIRL Rwy 10-28, MALSR Rwy 07, PAPI Rwys 10 and Rwy 28, REIL

Rwy 28 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1300Z±-dusk. For fuel after hrs call

315-816-2331 or 315-816-2334. Deer and birds on and invof

arpt. PPR for use of unimproved sfcs on arpt ctc arpt manager

315-786-6002. Military helicopters training on and invof arpt. Class

I, ARFF Index A. PPR 2 hrs for unscheduled ops with more than 30 passenger seats call 315-466-6741 or

315-447-6405. Index B coverage is provided. Cold temperature rstd arpt. Altitude correction required at or blo -37 C.

Acft de/anti icing avbl, ctc FBO 315-786-6001. Ldg fee for acft over 6000 lbs gross weight. 2 hrs advance notice to U.S.

CSTMS by pilot rqrd, call 315-482-2261.

AIRPORT MANAGER: 315-786-6002

WEATHER DATA SOURCES: ASOS 132.325 (315) 639-4002.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 109.8T (BURLINGTON RADIO)

RCO 122.2 122.3 (BURLINGTON RADIO)

® **WHEELER-SACK APP/DEP CON** 124.875

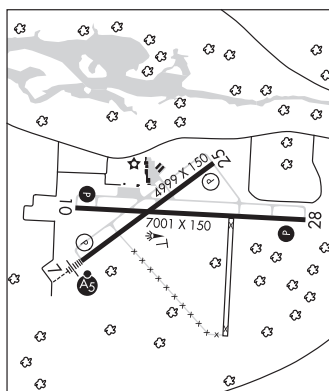
CLNC DEL 120.8

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

(L) VORTAC 109.8 ART Chan 35 N43°57.13' W76°03.88' 051° 3.1 NM to fld. 374/12W.

ILS 111.1 I-ART Rwy 07. Class ID.



WEEDSPORT

WHITFORDS (B16) 2 NE UTC-5(-4DT) N43°04.82' W76°32.30'

NEW YORK

400 B TPA—1200(800) NOTAM FILE BUF

L-32F

RWY 10-28: H3630X60 (ASPH) MIRL

IAP

RWY 10: Thld dspclcd 430'. Trees.

RWY 28: Thld dspclcd 350'. Trees.

RWY E-W: 2800X100 (TURF)

RWY E: Hiil.

RWY W: Trees.

SERVICE: FUEL 100LL, MOGAS LGTACTIVATE MIRL Rwy

10-28—122.7. Bcn OTS indef. Bcn dusk-0400Z‡, for rotating bcn after 0400Z‡ call 315-834-9950.

AIRPORT REMARKS: Attended dalgt hours. Parachute jumping. 91 octane no-ethanol avbl. Rwy E-W CLOSED Nov 1-May 15. Ultralghts on and invof arpt.

AIRPORT MANAGER: 315-834-9950

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **SYRACUSE APP/DEP CON** 134.275

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63'

W76°12.27' 263° 15.4 NM to fld. 453/11W. **HIWAS.**

TACAN AZIMUTH & DME unusable:

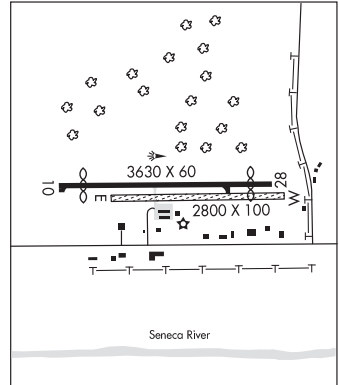
Byd 35 NM blo 4,000'

VOR unusable:

067°-077° byd 30 NM

134°-144° byd 19 NM

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



WELLSVILLE MUNI ARP/TARANTINE FLD (ELZ)(KELZ) 2 SW UTC-5(-4DT) N42°06.57'

DETROIT

W77°59.40'

H-10H, 12J, L-30I, 32F

2124 B NOTAM FILE ELZ

IAP

RWY 10-28: H5301X100 (ASPH-GRVD) S-25, D-45 HIRL

0.4% up W

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dspclcd 400'.

RWY 28: MALS. PAPI(P2L)—GA 3.0° TCH 52'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-5300 TODA-6300 ASDA-5300 LDA-4900

RWY 28: TORA-5300 TODA-6300 ASDA-4900 LDA-4900

SERVICE: S4 FUEL 100LL, JET A LGTACTIVATE MALS Rwy 28, PAPI

Rwy 10 and Rwy 28, HIRL Rwy 10-28, REIL Rwy 10—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡. Clsd weekends, Memorial Day, 4th of July, Labor Day, Thanksgiving, Christmas Eve, Christmas and New Years Day. After hrs svcs are avbl call 585-593-3350 for after hrs numbers. 24 hr access to the lobby and restrooms. 24 hr self svc AVGAS and Jet-A.

AIRPORT MANAGER: 585-593-3350

WEATHER DATA SOURCES: ASOS 119.275 (585) 593-0203.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 111.4T (BUFFALO RADIO)

CLEVELAND CENTER APP/DEP CON 124.325 or call ZOB 440-774-0227

RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.

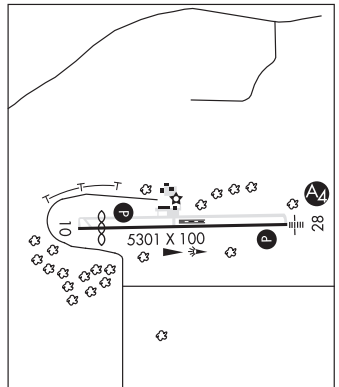
(L) VORTAC 111.4 ELZ Chan 51 N42°05.38' W77°59.97' 029° 1.3 NM to fld. 2297/9W.

VOR unusable:

038°-058° byd 36.0 NM blo 5,000'

LOC 110.5 I-ELZ Rwy 28.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



WEST 30TH ST HELIPORT (See NEW YORK on page 228)

WESTCHESTER CO (See WHITE PLAINS on page 254)

WESTHAMPTON BEACH

FRANCIS S GABRESKI (FOK)(KFOK) P (ANG) 3 N UTC-5(-4DT) N40°50.62' W72°37.91'

NEW YORK

COPTER

66 B TPA—1166(1100) LRA NOTAM FILE FOK

H-101, 121, L-33B, 341

RWY 06-24: H9001X150 (ASPH-CONC) S-50, D-50, 2D-100

IAP, DIAP, AD

PCN 31 F/B/X/T HIRL

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 66'. Trees.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 85'. Trees. Rgt tfc.

RWY 15-33: H5003X150 (ASPH) S-50, D-50, 2D-100

PCN 42 F/B/W/T MIRL 0.3% up NW

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 67'. Trees.

RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 57'. Trees. Rgt tfc.

RWY 01-19: H5001X150 (ASPH-CONC) S-50, D-50, 2D-100

PCN 17 R/B/Y/T 0.4% up N

RWY 01: Trees.

RWY 19: Trees.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT When twr clsd ACTIVATE

HIRL Rwy 06-24, MIRL Rwy 15-33, VASI Rwy 33, PAPI Rwy 06, Rwy

15 and Rwy 24, MALSR Rwy 24, REIL Rwy 06, Rwy 15 and Rwy

33—CTAF. MILITARY—JASU Avbl dur ANG opr hr. (A/M32A-86)

2(MA-1A) FUEL Avbl dur ANG opr hr. A++(Mil) (NC-100LL, A) FLUID

SP De-Ice LOX OIL O-148-156(Mil) SOAP

AIRPORT REMARKS: Attended 1200-0400Z†. Parachute Jumping. Extv glider

activity. Birds and deer on and in/ov arpt. Voluntary NS ABTMT

procedures in effect, ctc arpt mgr 631-852-8095. No 180° turns

permitted on asph section of Rwy 06-24. All rwys ltd by arpt opr to 50,000 lbs single and dual wheel and 100,000 lbs

dual tandem wheel. Mil parachute drops on fld and offshore from Shinnecock Inlet, 8 miles ESE of fld, 2000' AGL and

blo. Rwy 15-33 mil max effort ldg strip markings (3500X60) on rwy. Rwy 06-24 6000' asph overlay in ctr of rwy. Rwy

06 VGSi and RNAV glidepath not coincident. Rwy 24 VGSi and ILS glidepath not coincident.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. CAUTION Birds and deer haz. PJE vcntry of arpt. ANG Radio ctl

acft opr 0.5 NM north of AER 15 SR-SS, ctc twr for advsy. PPR DSN 456-7362/4, C631-723-7362/4. PPR OFFICIAL

BUSINESS. For use of ANG ramp. Normal opr 1200-0300Z† Mon-Fri. Clsd Sat, Sun, hol and every other Mon. Limited

ramp space. Tran acft may be diverted to civ FBO during non-duty hr. Rwy clsd to acft AUW 100,000 lb exc C130/emerg

UFN. CSTMS/AG/IMG US CSTMS clnc svc avbl with PN. (JFK) 718-487-2691 (Mil fits will coord through Base Ops

631-723-7362/7364). Mon-Fri minimum 24 hr PN, Sun and hol before 2200Z† on regular business day preceding svc

req date, maximum pax 15.

AIRPORT MANAGER: 631-852-8095

WEATHER DATA SOURCES: ASOS 119.925 (631) 288-0588.

COMMUNICATIONS: CTAF 125.3 UNICOM 122.95

① NEW YORK APP/DEP CON 125.975 343.75 343.65

TOWER 125.3 236.6 (1200-0400Z†) GND CON 121.8 225.4

ANG OPS (RESCUE OPS) 328.475

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) VOR/DME 117.2 CCC Chan 119 N40°55.78' W72°47.93' 137° 9.2 NM to fld. 85/13W.

VOR portion unusable:

280°-290° byd 25 NM

SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27' W72°37.91' at fld. 50/13W. NOTAM FILE FOK.

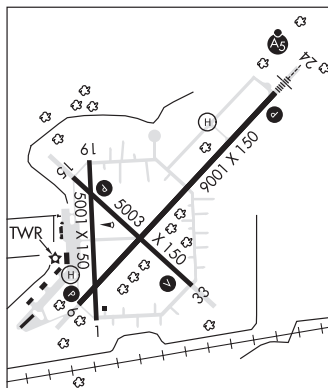
TACAN unmonitored when twr clsd.

No NOTAM MP: 1600-2000Z† Mon

WEST HAMPTON BEACH NDB (LOWW) 400 FO N40°50.02' W72°38.52' at fld. 39/13W. NOTAM FILE FOK.

ILS/DME 111.7 I-FOK Chan 54 Rwy 24. LOM WEST HAMPTON BEACH NDB. Unmonitored when ATCT closed. OM

unmonitored.



WHEELER—SACK AAF (GTB)(KGTB) A 1 NE UTC-5(-4DT) N44°03.34' W75°43.19'

690 B TPA—See Remarks NOTAM FILE GTB Not insp.

RWY 03-21: H1000X150 (CONC) PCN 85 R/B/W/T HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 64'. Thld displd 1363'.

RWY 21: PAPI(P4L)—GA 3.0° TCH 72'.

RWY 15-33: H5002X150 (CONC) PCN 39 R/C/W/T HIRL

RWY 15: MALSR.

RWY 08-26: H4501X150 (CONC) PCN 9 R/C/W/T LIRL

SERVICE: **MILITARY—LGT** When twr clsd HIRL Rwy 08-26 opr low ints. To ACTIVATE higher ints—CTAF. ACTIVATE MIRL Rwy 12-30, MALSR Rwy 08 and twy lghts—CTAF. **FUEL** PPR. J8 avbl 1400-0300Z± Mon-Fri, exc federal hol OT PN. **FLUID** De-icing Type I and Type IV avbl with 3 hr PN. **TRAN ALERT** Ltd. All tran acct must notify Base OPS no later than 20 min prior arr.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** 24 hr PPR DSN 772-5681, C315-772-5681. Prior notice rqr by 2100Z± for following Mon. Tkf Rwy 26 and ldg Rwy 08 VFR only for Category B, C, D acct. Rwy 03-21 accelerate stop and tkf run distance avbl 10,000'. Aerial port missions and other tran acct requiring pol, tran alert, or departure/arrival control group support must schedule arrival and departure between the hrs of 1300-0300Z± Mon-Fri exc federal hol. Any support requests outside of published hrs req advance coordination and approval. Section of Rwy 08-26 between Rwy 03-21 and Twy D rated CON PCN 80 R/B/W/T. All tran acct must notify Base Ops no later than 20 minutes out and must contact GTB Apch Ctl within 25-30 NM of GTB and advise of intentions. Acft that plan on arriving GTB via an IFR military training route or VFR military training route must inform Base Ops when requesting a PPR.

CAUTION Lgt stack 860' ± 2 NM west of arpt. R5201 east of afld, heavy artillery, rotary wing and fixed wing jet acct activity. **TFC PAT** TPA—Rotary wing 1400(710), fixed wing 2000(1310), turbojet 2500(1810), overhead 3000(2310).

NS ABTMTNT Fly friendly program in effect. Does not apply to Aerial Port of Embarkation mission acct. Quiet hr policy for tran aircrews conducting practice apchs and training flts 0300-1100Z±, ctc afld manager thru base ops for exceptions.

CSTMS/AG/IMG No onsite customs, 24 hr prior notice required. When KGTB is the first port of entry into the US, all passengers, to include all thru passengers, will be directed to disembark the acct and proceed thru a mandatory US CSTMS inspection prior to proceeding. For additional information see AP/1. **MISC** Wx svc avbl 0900Z± Mon-2100Z± Fri (or end of local flying), exc holidays. DSN 772-6065, C315-772-6065. After duty hr wx brief avbl from 15 OWS Scott AFB DSN 576-9755/9702, C618-256-9755/9702. During augmentation/back-up exc obsn point is 033°-062°. ATC will assist in cooperative watch by notifying wx of unreported conditions. Notify twr 20 minutes out with Code 6 and avb on board. All tran copter enroute R5201 must stop GTB for rqr safety brief. Base OPS Mon-Fri 1200-0400Z±, other times prior notice. After hrs ctc C315-775-6524 or C315-836-6114. Narrow Twy A, Twy B, ARC 40' wide. Vis ltd to 1/4 to 1/16 of a mile in this sector. Tight turns rqr from Twy A to B and B to A, advise GND if acct cannot make these turns. Acft inbound for Directorate of Logistics Avn Intermediate Maint must arrive no later than 1900Z±, ctc C315-772-7536, DSN 772-7536. Base Ops Mon-Fri 1200-0400Z±, exc federal hol, OT PN. After duty hrs ctc C315-767-7955 or C315-836-6114.

COMMUNICATIONS: ATIS 119.525

Ⓡ **APP/DEP CON** 124.875 257.6

TOWER 118.75 290.25 **GND CON** 121.9 229.8 **CLNC DEL** 121.9 **PMSV SACK METRO** 304.3

BASE OPS 126.2 280.8 **FORT DRUM FLT FLW** 141.025 397.75

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

WATERTOWN (L) VORTAC 109.8 ART Chan 35 N43°57.13' W76°03.88' 079° 16.2 NM to fld. 374/12W.

DRUM NDB (MHW) 257 GTB N44°04.23' W75°44.23' 153° 1.2 NM to fld. 559/13W. NOTAM FILE GTB.

ILS/DME 108.5 I-AEZ Chan 22 Rwy 03.

ILS/DME 108.5 I-GTB Chan 22 Rwy 21. Class IE.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. 128.875 and 257.8 in all apch plates/mins.

WHITE PLAINS

WESTCHESTER CO (HPN)(KHPN) 3 NE UTC-5(-4DT) N41°04.02' W73°42.45'

NEW YORK

439 B LRA Class I, ARFF Index B NOTAM FILE HPN

COPTER

RWY 16-34: H6549X150 (ASPH-GRVD) D-120, 2S-152

H-101, 121, L-33B, 34H

PCN 34 F/B/X/U HIRL CL 0.9% up NW

IAP, AD

RWY 16: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-T

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 56'. RVR-R Bldg.

RWY 11-29: H4451X150 (ASPH-GRVD) S-70, D-120, 2S-152, 2D-120

PCN 28 F/B/X/U MIRL

RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 29: Thld dspclcd 1292'. Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 11	16-34	2500
RWY 16	11-29	4000

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-4451 TODA-4451 ASDA-4451 LDA-4451

RWY 16: TORA-6549 TODA-6549 ASDA-6549 LDA-6549

RWY 29: TORA-4451 TODA-4451 ASDA-4451 LDA-3159

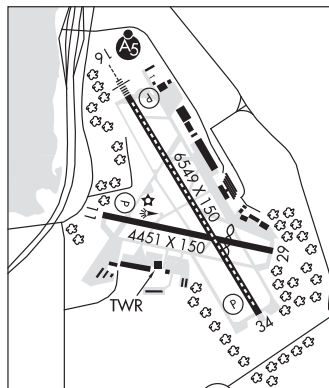
RWY 34: TORA-6549 TODA-6549 ASDA-6549 LDA-6549

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd

ACTIVATE REIL Rwy 11; MIRL RY11-29; MALS Rwy 16; REIL RY 34;

TDZ lgts Rwy 16; centerline lgts Rwy 16-34; HIRL RY 16-34 and Twy

lgts — CTAF.



AIRPORT REMARKS: Attended continuously. Deer, birds and other wildlife on and invof arpt. Except for taxiing, Rwy 11-29

CLOSED for arrivals and departures of the following acft: scheduled air carrier acft opr with more than 9 seats and

unscheduled air carrier acft opr with more than 30 seats. Rwy 29 clsd to ldg acft more than 12500 lbs. Snow removal

equipment operating on all acft movement areas Nov thru Apr. Mowing within safety areas of all rwys and twys May thru

Nov. Equipment and materials staged adjacent to the southern edge of Hangar 6 ramp. Be alert: Ground equipment opr

adjacent to the east side of Twy A between Twy G and Twy F. Noise abatement procedures in effect ctc arpt management

914-995-4861. Four designated helicopter routes in use for noise abatement. Acft over 120,000 lbs gross ldg weight

must have prior permission. ATC clnc rqrdr for pushback onto movement areas. Ctc arpt manager or designee

914-995-4856 with maximum gross tkf weight. Acft over 100,000 lbs must ctc arpt opr on 122.95 with actual tkf and

ldg weights. Terminal Gates 5 and 6 rstd to acft with wingspan greater than 112'. Arpt opr avbl continuously on 122.95.

Hangar D3 ramp adj to active PAX loading area at main terminal ramp acft requested use minimum thrust and avoid

excess power and jet blast. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special

Notices—Westchester Co Noise Abatement Procedures.

AIRPORT MANAGER: 914-995-4850

WEATHER DATA SOURCES: ASOS (914) 288-0216 WSP

COMMUNICATIONS: D-ATIS 133.8 (914) 948-0130 CTAF 118.575 UNICOM 122.95

Ⓡ NEW YORK APP CON 126.4 (1200-0400Z‡) 120.8 (0400-1200Z‡)

Ⓡ NEW YORK DEP CON 120.55

TOWER 118.575 (1100-0400Z‡) GND CON 121.825 CLNC DEL 127.25 PRE TAXI CLNC 127.25

CPDLC (LOGON KHPN)

AIRSPACE: CLASS D svc 1100-0400Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CARMEL (L) VORW/DME 116.6 CMK Chan 113 N41°16.81' W73°34.88' 216° 14.0 NM to fld. 694/12W.

VOR unusable:

001°-141°

200°-225°

320°-330°

ILS/DME 109.7 I-HPN Chan 34 Rwy 16. Class IIE.

ILS/DME 109.7 I-OJZ Chan 34 Rwy 34. Class IA.

COMM/NAV/WEATHER REMARKS: ATIS can also be received via CMK VOR frequency 116.6 (CARMEL)

WHITFORDS (See WEEDSPORT on page 251)

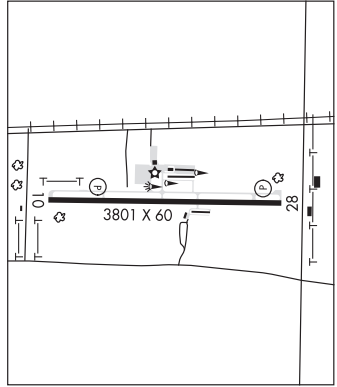
WILLIAMSON—SODUS (See WILLIAMSON/SODUS on page 255)

WILLIAMSON/SODUS

WILLIAMSON-SODUS (SDC)(KSDC) 3 W UTC-5(-4DT) N43°14.08' W77°07.17'

DETROIT
L-31E, 32F
IAP

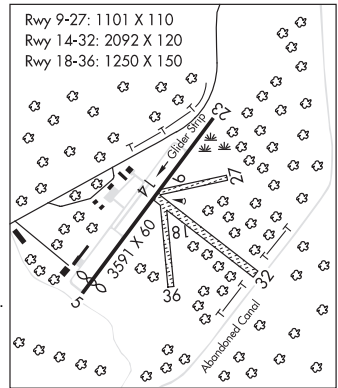
424 B TPA-1099(675) NOTAM FILE BUF
RWY 10-28: H3801X60 (ASPH) S-12 MIRL
RWY 10: PAPI(P2L)—GA 3.0° TCH 40'. Tree.
RWY 28: PAPI(P2R)—GA 3.0° TCH 40'. Tree.
SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 10-28—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z†. Credit card fuel avbl
 24 hrs. Geese and deer on and invof arpt.
AIRPORT MANAGER: 315-483-6011
WEATHER DATA SOURCES: AWOS-3 124.2 (315) 483-6171.
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ **ROCHESTER APP/DEP CON** 119.55
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08'
 W77°40.37' 086° 25.3 NM to fld. 545/12W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services
 1-888-766-8267.



WURTSBORO-SULLIVAN CO (N82) 2 NE UTC-5(-4DT) N41°35.83' W74°27.50'

NEW YORK
L-33A, 34H
IAP

548 NOTAM FILE ISP
RWY 05-23: H3591X60 (ASPH) S-30 0.3% up SW
RWY 05: Thld dspclcd 233'. Pole.
RWY 23: Trees.
RWY 14-32: 2092X120 (TURF) 0.6% up NW
RWY 14: Hill.
RWY 32: Trees.
RWY 18-36: 1250X150 (TURF) 0.3% up N
RWY 18: Hill.
RWY 36: Trees.
RWY 09-27: 1101X110 (TURF) 0.7% up W
RWY 09: Trees.
RWY 27: Trees.
SERVICE: S4 FUEL 100LL
AIRPORT REMARKS: Attended 1400-2200Z†. Winter months attended till
 dusk. Extensive glider activity. Deer on and in vicinity of arpt. Twr
 elevation 1690' MSL 250' AGL, located 9000' NE thld apch Rwy 23.
AIRPORT MANAGER: (845) 888-2791
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33'
 274° 28.9 NM to fld. 582/12W.
HIWAS.
 VOR portion unusable:
 045°-050° byd 35 NM blo 4,300'
 070°-140° byd 30 NM blo 3,400'
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc New York Apch at 516-683-2967.



ALBERT (See PHILIPSBURG on page 297)

ALLEGHENY CO (See PITTSBURGH on page 298)

ALLENTOWN

ALLENTOWN QUEEN CITY MUNI (XLL)(KXLL) 2 SW UTC-5(-4DT) N40°34.22' W75°29.30'

NEW YORK
L-30K, 33A, 34G
IAP

399 B TPA—1599(1200) NOTAM FILE IPT

RWY 07-25: H3949X75 (ASPH-GRVD) S-12 MIRL

RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 41'. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Pole.

RWY 15-33: H3159X75 (ASPH) S-12 MIRL 0.4% up SE

RWY 15: Tree.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25 and Rwy 15-33, REIL Rwy 07 and Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1200-2300Z†. For svc after hrs ctc 610-266-6000. Deer, groundhogs and birds on and invof arpt. Noise abatement procedures in effect, for details call arpt manager at 610-791-5193. Rwy 25 PAPI unusable byd 3° left of course.

AIRPORT MANAGER: 610-791-5193

WEATHER DATA SOURCES: AWOS-3 127.875 (610) 231-3111. Unavbl byd 8 nm.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ APP/DEP CON 119.65 (3000' and bld) 124.45 (above 3000')

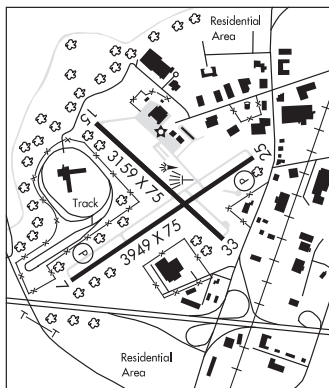
CLNC DEL 118.9

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 103° 9.0 NM to fld. 742/9W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at 800-728-6322.



LEHIGH VALLEY INTL (ABE)(KABE) 3 NE UTC-5(-4DT) N40°39.14' W75°26.43'

NEW YORK
H-101, 121, L-33A, 34G
IAP AD

394 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE ABE

RWY 06-24: H7599X150 (ASPH-GRVD) S-75, D-209, 2S-175,

2D-370 PCN 49 F/A/W/U HIRL CL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 48'. RVR-TR

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 60'. RVR-TR Thld displd 510'. Road.

RWY 13-31: H5800X150 (ASPH-GRVD) S-75, D-161, 2S-175,

2D-290 PCN 35 F/A/W/U HIRL

RWY 13: MALSR. Trees.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7599 TODA-7599 ASDA-7599 LDA-7599

RWY 13: TORA-5800 TODA-5800 ASDA-5800 LDA-5800

RWY 24: TORA-7599 TODA-7599 ASDA-7599 LDA-7089

RWY 31: TORA-5800 TODA-5800 ASDA-5800 LDA-5800

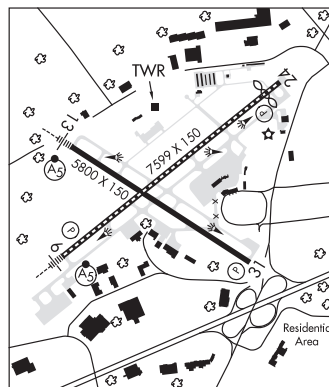
ARRESTING GEAR/SYSTEM

RWY 13: EMAS

RWY 31: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2

AIRPORT REMARKS: Attended continuously. Birds, groundhogs and deer on and invof arpt. Noise abatement procedures for turbojet powered acft in effect; preferential Rwy 06-24. Rwy 06-24 fly rwy heading until 2000'. Rwy 06, Rwy 13 and Rwy 24 departures be advised that departures are over a noise sensitive area. Rwy 31 turbojet departures turn right heading 360° until 2000' MSL. TPA—1399(1006) reciprocating props, 1999(1606) turbine powered acft. Military acft plan to park and refuel on Hangar 7 apron. Twy C rstd to maximum acft weight 12,500 lbs. Twy B south of Twy B3 rstd to acft with wingspan 118' or less. Twy B3 west of Rwy 13-31 rstd to acft with wingspan 118' or less. Twy E north of Rwy 06-24 in very poor condition with sections of broken pavement. Rstd to maximum acft weight 12,500 lbs. Twy J south of Twy A rstd to acft with wingspan 118' or less. Trml apron taxilane btn trml bldgs closed to acft with wingspan greater than 100'. Rwy 06 VGS1 and ILS glidepath not coincident. Rwy 24 VGS1 and ILS glidepath not coincident. U.S. Customs user fee arpt. Ldg fee. Flight Notification Service (ADCUS) avbl—2 hours PPR.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 610-266-6001

WEATHER DATA SOURCES: ASOS (610) 266-3579

COMMUNICATIONS: ATIS 126.975 UNICOM 122.95

ALLENTOWN RCO 122.1R 117.5T (WILLIAMSPORT RADIO)

® ALLENTOWN APP/DEP CON 119.65 (3000' & blo) 124.45 (abv 3000') 124.45 (from west)

TOWER 120.5 GND CON 121.9 CLNC DEL 124.05

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

ALLENTOWN (L) VORTAC 117.5 FJC Chan 122 N40°43.60' W75°27.29' 182° 4.5 NM to fld. 681/10W.

TACAN AZIMUTH & DME unusable:

061°-299° byd 30 NM blo 4,000'

300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM

190°-260° blo 9,000'

190°-260° byd 24 NM

261°-306° byd 9 NM blo 4,000'

307°-349°

350°-020° blo 3,500'

350°-020° byd 33 NM blo 4,000'

ILS 110.7 I-ABE Rwy 06.

ILS 111.9 I-BXY Rwy 13. Class IB.

ILS/DME 108.55 I-GUW Chan 22(Y) Rwy 24. Class "IE".

ALLENTOWN N40°43.60' W75°27.29' NOTAM FILE ABE.

NEW YORK

(L) VORTAC 117.5 FJC Chan 122 182° 4.5 NM to Lehigh Valley Intl. 681/10W.

H-10I, L-30K, 33A, 34G

TACAN AZIMUTH & DME unusable:

061°-299° byd 30 NM blo 4,000'

300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM

190°-260° blo 9,000'

190°-260° byd 24 NM

261°-306° byd 9 NM blo 4,000'

307°-349°

350°-020° blo 3,500'

350°-020° byd 33 NM blo 4,000'

RCO 122.1R 117.5T (WILLIAMSPORT RADIO)

ALTOONA-BLAIR CO (AOO)(KAOO) 12 S UTC-5(-4DT) N40°17.78' W78°19.20'

DETROIT

1503 B Class I, ARFF Index A NOTAM FILE AOO

H-10H, 12L, 29D, A

RWY 03-21: H5465X100 (ASPH-GRVD) S-16, D-44 HIRL IAP

0.6% up S

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.**RWY 21:** MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Trees.**RWY 12-30:** H3668X75 (ASPH) S-11.5, D-33 MIRL**RWY 12:** REIL. PAPI(P4L)—GA 3.0° TCH 54'.**RWY 30:** REIL. PAPI(P4R)—GA 4.0° TCH 54'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 03:** TORA-5465 TODA-5465 ASDA-5465 LDA-5465**RWY 12:** TORA-3668 TODA-3668 ASDA-3668 LDA-3668**RWY 21:** TORA-5465 TODA-5465 ASDA-5465 LDA-5465**RWY 30:** TORA-3668 TODA-3668 ASDA-3668 LDA-3668**SERVICE:** S4 FUEL 100LL, JET A OX 1, 3 L&T Rwy 03-21, thld lgts

and edge lgts OTS exc with PCL, avbl fr 0100-1300Z† daily. Rwy

12-30, thld lgts and edge lgts OTS exc with PCL avbl fr 0100-1300Z†

daily. HIRL Rwy 03-21 and MIRL Rwy 12-30 preset low ints; to

increase ints and ACTIVATE PAPI Rwy 12, Rwy 30, Rwy 03 and Rwy

21, MALSR Rwy 21 and REIL Rwy 03, Rwy 12 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1030-0300Z†, Sat 1030-2000Z†,

Sun 1330-2300Z†. Preferred rwy is Rwy 21; for NS ABTMT when

departing Rwy 03, maintain rwy heading until 2 NM north of arpt. Specialized acft (ultralgt, homebuilt, etc) ctc arpt

manager 814-793-2027 or UNICOM 123.0 prior to ldg. PPR 24 hrs for unscheduled air carrier and non-air carrier ops

with more than 30 passenger seats call arpt manager 814-793-2027.

AIRPORT MANAGER: 814-793-2027**WEATHER DATA SOURCES:** ASOS 127.125 (814) 793-9655.**COMMUNICATIONS:** CTAF 123.6 UNICOM 123.0

RCO 122.2 (ALTOONA RADIO)

Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†, other times ctc)

Ⓡ CLEVELAND CENTER APP/DEP CON 121.2 or call ZOB 440-774-0226 (0400-1200Z†)

AIRSPACE: CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE JST.

(T) VORW 108.8 AOO N40°19.53' W78°18.22' 210° 1.9 NM to fld. 1637/7W. NOTAM FILE AOO.

VOR unusable:

070°-125°

235°-260°

290°-352°

180°-220° blo 5,000'

180°-220° byd 12.6 NM

JOHNSTOWN (L) VORTAC 113.0 JST Chan 77 N40°19.00' W78°50.05' 099° 23.6 NM to fld. 2279/6W.

DME unusable:

110°-135°

TACAN AZIMUTH OTS indef

VOR unusable:

110°-135°

255°-280° blo 10,000'

ILS 111.1 I-AOO Rwy 21. Class IA. LOC unusable byd 25° right of course.**AMBLER** N40°07.56' W75°17.11' NOTAM FILE IPT.

NEW YORK

NDB (MHW) 275 ING 065° 1.2 NM to Wings Fld. 12W.

L-34G

ots indef

ARNOLD PALMER RGNL (See LATROBE on page 285)

BALLY**BUTTER VALLEY GOLF PORT** (7N8) 1 E UTC-5(-4DT) N40°23.89' W75°33.86'

NEW YORK

500 NOTAM FILE IPT

RWY 16-34: H2420X85 (ASPH-TURF)**RWY 16:** Thld dsplcd 205'. Road.**RWY 34:** Thld dsplcd 250'. Road.

AIRPORT REMARKS: Attended daylight hours. Rwy 16-34 lies in middle of golf course. Trees and substantial terrain elevation changes within 125' of each rwy edge. Rwy 16-34 1535X24 ASPH at south end; remainder turf. Rwy 16 end marked with yellow wood panels; turf rwy edges marked with tires painted yellow. Rwy 34 dsplcd thld marked with 3 white lines. Rwy 16 dsplcd thld marked by 3 yellow tires.

AIRPORT MANAGER: 610-845-2491**COMMUNICATIONS:** CTAF 122.8**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc ABE Apch at 800-728-6322.**BANDEL** (See EIGHTY FOUR on page 272)**BAUBLITZ COMMERCIAL** (See BROGUE on page 262)**BEAVER CO** (See BEAVER FALLS on page 259)**BEAVER FALLS****BEAVER CO** (BVI)(KBVI) 3 NW UTC-5(-4DT) N40°46.35' W80°23.49'

1253 B NOTAM FILE BVI

RWY 10-28: H4501X100 (ASPH-GRVD) S-16, D-32 MIRL

1.1% up E

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.**RWY 28:** REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd MIRL Rwy 10-28 and twy lgts opr low ints. Increase ints and ACTIVATE REIL Rwy 10 and Rwy 28—CTAF. PAPI Rwy 10 and Rwy 28 opr continuously. Rwy 28 REIL OTS indef. Rwy 10 visual glideslope indicator and glidepath not coincident. Rwy 28 visual glideslope indicator and glidepath not coincident.

AIRPORT REMARKS: Attended Mon-Fri 1200-0200Z‡, Sat-Sun 1400-2100Z‡. Unattended all federal holidays. Noise abatement procedures in effect, ctc arpt manager 1300-2100Z‡ for details at 724-847-4662.

AIRPORT MANAGER: 724-847-4662**WEATHER DATA SOURCES:** AWOS-3PT 118.35 (724) 843-1024.**COMMUNICATIONS:** CTAF 120.3 ATIS 118.35

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

Ⓡ PITTSBURGH APP/DEP CON 124.75

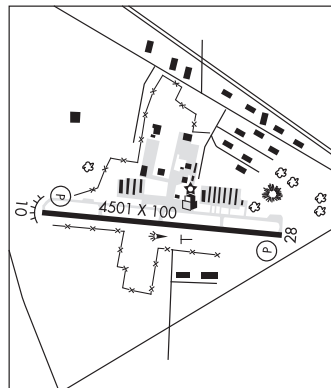
TOWER 120.3 (1200-0200Z‡, Sun clsd) **GND CON** 121.8

CLNC DEL 124.85 (when twr clsd.)

AIRSPACE: CLASS D svc 1200-0200Z‡, sun clsd 1400-0100Z‡ other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.ELLWOOD CITY (L) **VORTAC** 115.8 EWC Chan 105 N40°49.50' W80°12.69' 257° 8.8 NM to fld. 1227/8W.

VOR unusable:

285°-335°

LOC 109.3 I-BVI Rwy 10. LOC unmonitored when ATCT clsd**COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not available at twr.

DETROIT

L-29C

IAP, AD

BEDFORD CO (HMZ)(KHMZ) 4 N UTC-5(-4DT) N40°05.17' W78°30.81'
1162 B NOTAM FILE AOO

WASHINGTON
H-10H, 12I, L-29D
IAP

RWY 14-32: H5005X75 (ASPH) S-38, D-60, 2D-100 MIRL

RWY 14: REIL. PAPI(P2R)—GA 3.0° TCH 41'. Trees. Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 4.0° TCH 54'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX1 LGT ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF. REIL ACTIVATE only with 5 or 7 clicks. PAPI Rwy 14 and Rwy 32 opr continuously.

AIRPORT REMARKS: Attended Mon-Thu 1200-2300Z†, Fri-Sun 1300-2200Z†. For svc after hrs ctc 814-494-0929. High terrain (mountain ridges) southeast of arpt lgtd with red obstruction lgts.

AIRPORT MANAGER: 814-623-0704

WEATHER DATA SOURCES: AWOS-3 123.675 (814) 623-2936.

COMMUNICATIONS: CTAF/UNICOM 122.7

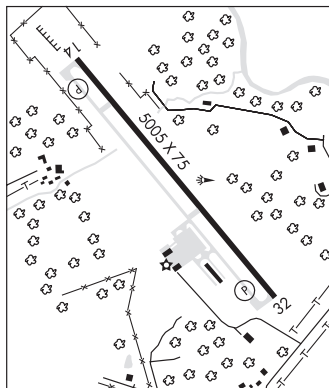
Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†, other times ctc)

Ⓡ CLEVELAND CENTER APP/DEP CON 124.4 or call ZOB 440-774-0226 (0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99'

W77°57.06' 297° 27.5 NM to fld. 2338/7W.



BELLEFONTE (N96) 3 SW UTC-5(-4DT) N40°53.13' W77°48.97'
1072 B TPA-2101(1029) NOTAM FILE AOO

DETROIT
L-30I
IAP

RWY 07-25: H3632X60 (ASPH) LIRL 0.3% up SW

RWY 07: Road.

RWY 25: PAPI(P2L)—GA 3.5° TCH 40'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 25, LIRL Rwy 07-25—122.7. ACTIVATE rotating bcn—122.7. Rwy 25 rwy thld lgts located 43' past rwy thld marking.

AIRPORT REMARKS: Attended 1300Z†-dusk. For svc after hrs ctc 814-355-7407 or 814-883-7646. Ultralights on and invof arpt. All helicopters rqrtd to use fixed wing tfc pat. Heavy glider activity during dalgt hrs, all alts within 10 NM area, all directions, especially along ridge 1 NM west and north of arpt. Ctc unv twr (University Park) 128.475 prior to entering Class D airspace. Cold temperature rstd arpt. Altitude correction required at or blo -21C/-6F.

AIRPORT MANAGER: 814-355-7407

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK CENTER APP/DEP CON 134.8

CLNC DEL 119.625

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98'

W77°59.56' 113° 8.2 NM to fld. 2443/10W.



BELLGROVE N40°26.16' W76°33.18' NOTAM FILE IPT.
NDB (MHW) 328 BZJ at Muir AAF (Fort Indiantown Gap). 518/10W.

NEW YORK
L-30J, 34G, A

BELTZVILLE (See LEHIGHTON on page 286)

BENDIGO (See TOWER CITY on page 313)

BENSALEM

TOTAL RF HELIPORT (ØØA) 1 E UTC-5(-4DT) N40°04.25' W74°56.02'

NEW YORK

11 NOTAM FILE IPT

HELIPAD H1: H80X80 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Unattended. After hrs 215-990-5300. Ingress/egress 290°-110° and 20'-200'.

AIRPORT MANAGER: 215-990-5300

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

BERMUDIAN VALLEY AIRPARK (See KRALLTOWN on page 283)

BETHEL**GRIMES** (8N1) 2 E UTC-5(-4DT) N40°29.09' W76°15.81'

NEW YORK

582 NOTAM FILE IPT

RWY 11-29: 2720X100 (TURF)**RWY 11:** Thld dspcd 250'. Road.**RWY 29:** Thld dspcd 270'. Road.**AIRPORT REMARKS:** Attended irregularly. AD clsd SS-SR. Parachute Jumping. Rwy 11-29 first 700 ft of rwy on west end unusable in early spring due to wet conditions. Rwy 11-29 marked with white discs. Rwy 11-29 dspcd thlds marked by red ground pavers.**AIRPORT MANAGER:** 717-933-9566**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc RDG ATCT, when clsd ctc MDT Apch at 800-932-0712.**BLOOMSBURG MUNI** (N13) 0 E UTC-5(-4DT) N40°59.86' W76°26.11'

NEW YORK

481 B TPA-1581(1100) NOTAM FILE IPT

L-30J

RWY 09-27: H3200X60 (ASPH) S-12.5 MIRL

IAP

RWY 09: Road.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 09-27-122.8.**AIRPORT REMARKS:** Attended Mon-Sat 1300-1900Z†, Sat-Sun irregularly.

For svc after hrs call 570-317-1966. Deer and geese invof rwy.

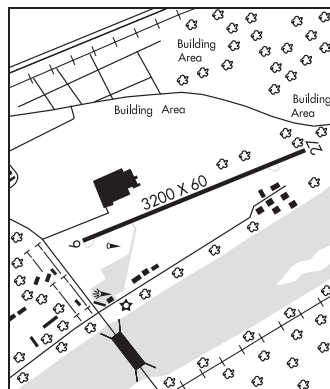
Overnight fee. Fee waived with fuel purchase.

AIRPORT MANAGER: (570) 317-2481**COMMUNICATIONS:** CTAF/UNICOM 122.8

® WILKES-BARRE APP/DEP CON 126.3

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.**MILTON (L) VORTACW** 109.2 MIP Chan 29 N41°01.40'

W76°39.92' 107° 10.6 NM to fld. 1000/9W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc AVP Apch at 570-655-2084.**BLUE KNOB VALLEY** (See NEWRY on page 292)**BRADEN AIRPARK** (See EASTON on page 271)**BRADFORD CO** (See TOWANDA on page 312)

BRADFORD RGNL (BFD)(KBFD) 10 S UTC-5(-4DT) N41°48.18' W78°38.40'

DETROIT

2143 B ARFF Index—See Remarks NOTAM FILE BFD

H-10H, 12I, L-30I

RWY 14-32: H6306X150 (ASPH-GRVD) S-48, D-60, 2D-92 HIRL

IAP

RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 42'. Trees.**RWY 32:** MALSR. Trees.**RWY 05-23:** H4499X100 (ASPH-GRVD) S-48, D-60 MIRL

0.3% up NE

RWY 05: REIL. Trees.**RWY 23:** REIL. PAPI(P4L)—GA 3.0° TCH 40'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-4499 TODA-4499 ASDA-4499 LDA-4499**RWY 14:** TORA-6306 TODA-6306 ASDA-6306 LDA-6306**RWY 23:** TORA-4499 TODA-4499 ASDA-4499 LDA-4499**RWY 32:** TORA-6306 TODA-6306 ASDA-6306 LDA-6306**SERVICE:** S2 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 05, Rwy 14, Rwy 23, MALSR Rwy 32, HIRL Rwy 14-32, MIRL Rwy 05-23, VASI Rwy 14, PAPI Rwy 23, twy lgts—CTAF.**AIRPORT REMARKS:** Attended 1200-0100Z†. Class I, ARFF Index A. PPR 24 hrs for unscheduled acft ops with more than 30 pax seats, call arprt mgr 814-368-5928 x 10. Index B coverage avbl 1200-0100Z†, after 0100Z† for emerg call McKean County 911 at 814-887-4911. Deer and birds on and in/ov arprt. No snow removal avbl 1200-0100Z†. Acft deicing avbl. Ldg fee.**AIRPORT MANAGER:** 814-368-5928**WEATHER DATA SOURCES:** ASOS 133.825 (814) 368-2581.**COMMUNICATIONS:** CTAF/UNICOM 123.075

RCO 122.1R 116.6T (ALTOONA RADIO)

RCO 122.2 122.3 (ALTOONA RADIO)

CLEVELAND CENTER APP/DEP CON 124.325 or call ZOB 440-774-0227

AIRSPACE: CLASS E svc 1100-0330Z† mon-Fri, 1100-2330Z† sat, 1300-0330Z† sun other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BFD.

(L) VOR/DME 116.6 BFD Chan 113 N41°47.18' W78°37.16' 324° 1.4 NM to fld. 2111/7W.

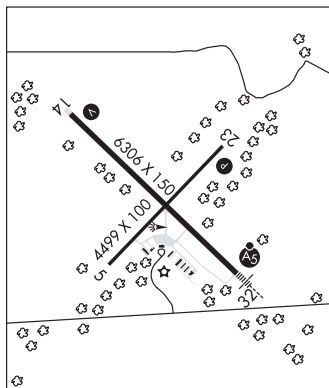
VOR portion unusable:

145°-156° byd 10 NM

156°-262°

341°-049°

ILS 108.3 I-BFD Rwy 32. Class IT.

**BRANDYWINE** (See WEST CHESTER on page 315)**BROGUE****BAUBLITZ COMMERCIAL** (9W8) 1 S UTC-5(-4DT) N39°51.14' W76°29.18'

WASHINGTON

750 B NOTAM FILE IPT

RWY 10-28: 2493X100 (TURF)**RWY 10:** Thld dsplcd 476'. Pole.**RWY 28:** Thld dsplcd 200'. Road.**SERVICE:** S2 FUEL 100LL**AIRPORT REMARKS:** Attended dalgt hrs. Dalgt ops only. No winter snow removal. Rwy 10-28 edges marked by white flush painted markers. Rwy ends marked by red flush painted markers. Rwy 10 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 at west end last 400' slopes downward 16'.**AIRPORT MANAGER:** (717) 870-4076**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For pick-up clearance call 410-859-7256. For Clnc Del ctc Potomac Apch at 866-429-5882.**BROKENSTRAW** (See PITTSFIELD on page 300)

BUTLER**BUTLER CO/K W SCHOLTER FLD** (BTP)(KBTP) 5 SW UTC-5(-4DT) N40°46.60' W79°57.07'**DETROIT**
L-29C
IAP

1248 B NOTAM FILE BTP

RWY 08-26: H4801X100 (ASPH-GRVD) S-37, D-50 HIRL

0.3% up E

RWY 08: MALSF. PAPI(P4L)—GA 3.0° TCH 53'. Trees.**RWY 26:** REIL. PAPI(P4L)—GA 3.5° TCH 52'. Trees.**SERVICE:** S4 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE HIRL Rwy

08-26, MALSF Rwy 08, PAPI Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z‡, Sat-Sun 1300-2300Z‡. Unattended Christmas Day and Easter Day. Deer on and in/ovf arpt. NS ABTMT procedures in effect, ctc arpt manager 724-586-6665.**AIRPORT MANAGER:** 724-586-6665**WEATHER DATA SOURCES:** AWOS-3 121.450 (724) 586-6434. SAWRS.**COMMUNICATIONS:** CTAF/UNICOM 123.05

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

Ⓡ PITTSBURGH APP/DEP CON 124.75

CLNC DEL 119.4

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (L) VORTAC 115.8 EWC Chan 105 N40°49.50'

W80°12.69' 112° 12.2 NM to fld. 1227/8W.

VOR unusable:

285°-335°

ILS 111.5 I-BTP Rwy 08.

**BUTLER FARM SHOW** (3G9) 3 W UTC-5(-4DT) N40°51.15' W79°58.49'**DETROIT**

1333 B NOTAM FILE AOO

RWY 18-36: H2580X38 (ASPH) S-9 LIRL(NSTD)**RWY 18:** Thld dsplcd 180'. Pole.**RWY 36:** Thld dsplcd 197'. Trees.**SERVICE:** FUEL 100LL LGT LIRL Rwy 18-36 opr dusk-0500Z‡. After 0500Z‡ ACTIVATE LIRL Rwy 18-36—CTAF. Rwy 18-36 NSTD LIRL edge lgts 50' from rwy edge. Arpt bcn ops dusk-1000Z‡. Rwy 18-36 lgtd thld Rwy 18 dsplcd 180', lgtd thld Rwy 36 dsplcd 123'. Lgtd wind "T" dusk to dawn.**AIRPORT REMARKS:** Attended irregularly. Pre-coordinate fuel svc. Rwy 18-36 CLOSED to touch and go ldg. Ultralight ops prohibited. Deer and bird activity on and in/ovf rwy. Rwy 18-36 single wheel capacity 9000 lbs per arpt manager. + 22' marked p-line 292' from Rwy 18 thld on extdd centerline. Rwy 18-36 dsplcd rwy ends avbl for txf and rollout.**AIRPORT MANAGER:** 724-991-2208**COMMUNICATIONS:** CTAF/UNICOM 122.7**BUTTER VALLEY GOLF PORT** (See BALLY on page 259)

CAMOR N39°52.97' W79°44.68' NOTAM FILE AOO.
NDB (MHW/LOM) 299 VV 049° 6.1 NM to Joseph A Hardy Connellsville. 1020/8W.
 NDB unusable:
 Byd 10 NM

CINCINNATI
 L-29C

CANADENSIS

FLYING DOLLAR (8N4) 2 N UTC-5(-4DT) N41°12.90' W75°14.81'

NEW YORK

1430 NOTAM FILE IPT

RWY 02-20: 2405X100 (TURF) 4.5% UP N

RWY 20: Trees.

AIRPORT REMARKS: Attended irregularly. Deer and wildlife on and invof rwy. No snow removal. Ldg prohibited Rwy 20, departure prohibited Rwy 02. Rwy 02-20 marked with white cones. Announce tfc on—CTAF 122.9

AIRPORT MANAGER: (646) 298-4753

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc AVP Apch at 570-655-2084.

CAPITAL CITY (See HARRISBURG on page 278)

CARLISLE (N94) 2 SE UTC-5(-4DT) N40°11.27' W77°10.46'

DETROIT

510 B TPA—See Remarks NOTAM FILE IPT

L-29E, A

RWY 10-28: H4008X60 (ASPH) S-12.5, D-12.5 LIRL

IAP

RWY 10: Tree.

RWY 28: PVASI(P SIL)—GA 4.0° TCH 45'. Thld dsplcd 126'. Tree.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE LIRL Rwy

10-28—CTAF. Rwy 10-28 rwy lgts from each thld to opposite rwy end.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z†. Nov 15-Mar 1 Sat-Sun unattended. Mar 2-Nov 14 Sat-Sun 1400-2100Z†. During ngt ops trailer park lgts located south of rwy could be mistaken for rwy lgts. Deer and birds on and invof arpt. File IFR and pickup clearance toll free number 800-932-0712. TPA—1510 (1000) small acft, 2010 (1500) large and turbine powered acft.

AIRPORT MANAGER: 717-448-7730

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HARRISBURG APP/DEP CON 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13'

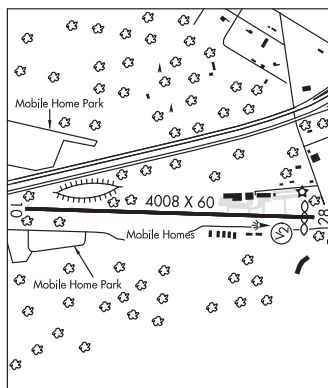
W77°04.17' 225° 8.4 NM to fld. 1301/10W.

VOR unusable:

097°-107° byd 10 NM

146°-168° byd 20 NM blo 7,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.



CASCADE N42°07.15' W80°06.28' NOTAM FILE ERI.

DETROIT

NDB (MHW) 372 CQD 245° 3.8 NM to Erie Int/Toon Ridge Fld. 662/10W. NDB unmonitored when ATCT closed.

L-30H

CASTLE N41°01.38' W80°24.95' NOTAM FILE AOO.

DETROIT

NDB (MHW) 272 UCP at New Castle Muni. 1110/9W.

L-30H

CENTRE AIRPARK (See CENTRE HALL on page 264)

CENTRE HALL

CENTRE AIRPARK (N16) 2 SE UTC-5(-4DT) N40°48.70' W77°39.43'

DETROIT

1307 NOTAM FILE AOO

RWY 06-24: 3100X210 (TURF)

RWY 06: Thld dsplcd 400'. Trees.

RWY 24: Thld dsplcd 400'. Trees.

AIRPORT REMARKS: Attended dawn to dusk. For svc after hrs call 814-364-1403. Ultralight activity on and invof arpt. RC airplane ops on invof arpt. Rwy 06-24 not maintained winter months. Rwy 06-24 marked with red painted barrels.

AIRPORT MANAGER: 814-364-1153

COMMUNICATIONS: CTAF/UNICOM 122.7

PENNS CAVE (N74) 4 NE UTC-5(-4DT) N40°53.42' W77°36.15'
 1260 NOTAM FILE AOO
RWY 07-25: H2500X40 (ASPH)
RWY 07: Tree.
RWY 25: Tree.

DETROIT

AIRPORT REMARKS: Attended irregularly. For svc call (814) 364-1479. Deer on and infov arpt at ngt. 750' AGL mountains 1/2 mile south and 700' AGL mountain 1/2 mile north, both unlgtd and unmarked. Rwy 07-25 first 864' of Rwy 07 has a 3.3% upslope. No ngt ops.

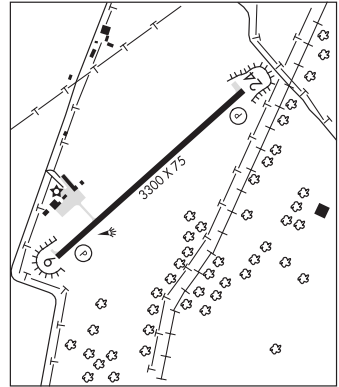
AIRPORT MANAGER: 814-364-1479
COMMUNICATIONS: CTAF/UNICOM 122.8

CHAMBERSBURG

FRANKLIN CO RGNL (N68) 3 N UTC-5(-4DT) N39°58.38' W77°38.60'
 688 B TPA-1488(800) NOTAM FILE IPT
RWY 06-24: H3300X75 (ASPH) S-12.5 MIRL
RWY 06: PAPI(P2R)-GA 3.0° TCH 40'. Pole.
RWY 24: PAPI(P2L)-GA 3.0° TCH 40'. Trees. Rgt tfc.
SERVICE: S2 LGT ACTIVATE MIRL Rwy 06-24-CTAF. PAPI Rwy 06 and Rwy 24 opr continuously.
AIRPORT REMARKS: Unattended. Parachute Jumping. Parachute jumping activity on and infov arpt.
AIRPORT MANAGER: 717-948-3900
COMMUNICATIONS: CTAF 122.9

WASHINGTON
 L-29D, A
 IAP

ST THOMAS RCO 122.1R 115.0T (ALTOONA RADIO)
 Ⓡ **HARRISBURG APP/DEP CON** 124.1
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99' W77°57.06' 087° 14.4 NM to fld. 2338/7W.
COMM/NAV/WEATHER REMARKS: For Cinc Del ctc MDT Apch at 800-932-0712.



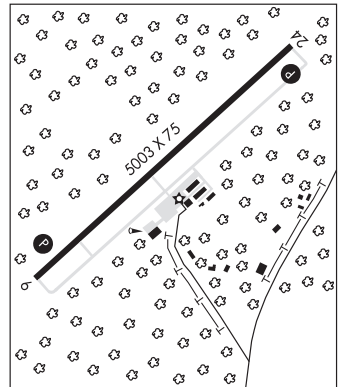
CHERRY RIDGE (See HONESDALE on page 280)

CHESTER CO G O CARLSON (See COATESVILLE on page 266)

CLARION CO (AXQ)(KAXQ) 3 NW UTC-5(-4DT) N41°13.50' W79°26.53'
 1458 B NOTAM FILE AOO
RWY 06-24: H5003X75 (ASPH) S-15 MIRL 0.5% up NE
RWY 06: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Trees.
RWY 24: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Trees.
SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24-CTAF.
AIRPORT REMARKS: Attended 1300-2100Z±. Unattended Christmas and Thanksgiving. Single point refueling avbl upon request.
AIRPORT MANAGER: (814) 538-9333
WEATHER DATA SOURCES: AWOS-3 118.275 (814) 227-2899.
COMMUNICATIONS: CTAF/UNICOM 122.8

DETROIT
 H-10H, 12I, L-30H
 IAP

RCO 122.1R 112.9T (ALTOONA RADIO)
 Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.72
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
(L) VOR/DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 015° 4.8 NM to fld. 1520/6W.
COMM/NAV/WEATHER REMARKS: Ctc Cleveland ARTCC on 126.72 or call on 440-774-0226.



CLEARFIELD—LAWRENCE (FIG)(KFIG) 2 NE UTC-5(-4DT) N41°02.95' W78°24.91'
1516 B NOTAM FILE FIG

DETROIT
L-301
IAP

RWY 12-30: H4499X75 (ASPH) S-12.5 MIRL

RWY 12: PAPI(P2L)—GA 3.1° TCH 29'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 27'. Trees.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 12-30; REIL Rwy 30, PAPI Rwy 12 and Rwy 30—CTAF. Rwy 12 VGSi and descent angles not coincident. Rwy 30 VGSi and RNAV glidepath not coincident.

AIRPORT REMARKS: Attended 1300-2200Z±. After hrs call 814-765-9108. CLOSED Christmas. Deer and birds on rwy periodically.

AIRPORT MANAGER: 814-768-7710

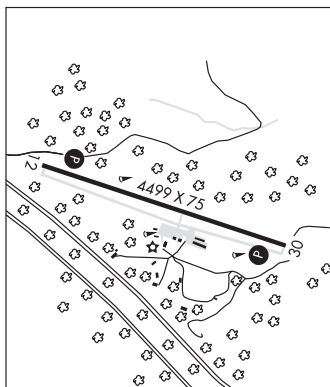
WEATHER DATA SOURCES: ASOS 119.275 (814) 765-9703.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **NEW YORK CENTER APP/DEP CON** 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 303° 20.8 NM to fld. 2443/10W.



COATESVILLE

CHESTER CO G O CARLSON (MQS)(KMQS) 2 W UTC-5(-4DT) N39°58.74' W75°51.93'

WASHINGTON
H-101, 121, L-346, A
IAP

660 B NOTAM FILE IPT

RWY 11-29: H5400X100 (ASPH-GRVD) S-30, D-48 HIRL
0.4% up E

RWY 11: REIL. VASI(V4R)—GA 3.0° TCH 52'. Tree.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 57'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE HIRL
Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF.

AIRPORT REMARKS: Attended 1100-0300Z±. For svc after hrs ctc 610-384-9000. Migratory birds and deer on and in/ov arpt. Helicopter ops in/ov arpt south and southwest of Rwy 11 thld. Helicopter t/c requested to land and t/kf from rwy only. Hover taxi along Twy A prohibited. Wheel taxi on b/y or hover from rwy to ramp side parking spot by crossing perpendicular to Alpha. Helicopter hover taxiing, t/kfs and ldgs prohibited from Twy A. +164' water twr 1343' from Rwy 11 thld 1842' right marked with strobe lgt dalgt hrs, standard obstruction lgt ngt hrs. NS ABTMT procedures in effect ctc FBO 610-384-9000.

AIRPORT MANAGER: 610-383-6057

WEATHER DATA SOURCES: AWOS-3 126.25 (610) 384-6132.

COMMUNICATIONS: CTAF/UNICOM 122.7

MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

® **PHILADELPHIA APP/DEP CON** 124.35

CLNC DEL 125.6 (800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08' W75°40.25' 301° 9.7 NM to fld. 473/9W. HIWAS.

VOR unusable.

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

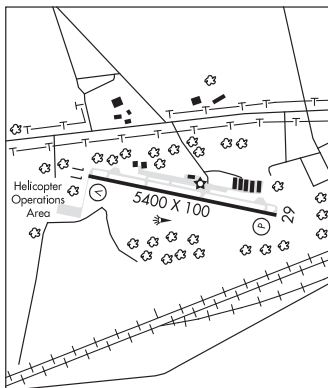
268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

ILS 108.5 I-MQS Rwy 29. Class IA.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.



COLLEGEVILLE

PERKIOMEN VALLEY (N10) 2 NE UTC-5(-4DT) N40°12.24' W75°25.82'

NEW YORK
L-34G, A
IAF

277 NOTAM FILE IPT

RWY 09-27: H2880X40 (ASPH) S-12.5 1.0% up E

RWY 09: Thld dsplcd 420'. Trees.

RWY 27: Thld dsplcd 370'. Trees.

AIRPORT REMARKS: Unattended. Deer, fox and geese on and invof rwy. NS ABTMT procedures in effect, ctc arpt manager at 610-551-0216. Rwy 09-27 clsd to touch and go ldfs. Rwy 09-27 markings, arrows small and misaligned, double thld bar and small numbers. Rwy 27 dsplcd thld marked with 2 parallel white lines, lgttd with 4 red and green lgts each side of rwy. Rwy 09 dsplcd thld lgts 150' down rwy from thld markings. Night ops at arpt prohibited.

AIRPORT MANAGER: (610) 551-0216

COMMUNICATIONS: CTAF/UNICOM 122.8

® **PHILADELPHIA APP/DEP CON** 126.85

CLNC DEL 118.55 (800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

POTTSTOWN (L) VORTAC 116.5 PTW Chan 112 N40°13.33' W75°33.62' 109° 6.1 NM to fld. 285/9W.

VOR portion unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-319° byd 10 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

TACAN AZUMUTH & DME unusable:

241°-286° byd 30 NM blo 5,500'

TACAN azimuth OTS indef

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

CONNELLSVILLE

JOSEPH A HARDY CONNELLSVILLE (VVS)(KVVS) 5 SW UTC-5(-4DT) N39°57.54' W79°39.45'

CINCINNATI
L-29C
IAF

1264 B TPA-2064(800) NOTAM FILE AOO

RWY 05-23: H3833X100 (ASPH) S-12.5 MIRL 1.2% up NE

RWY 05: REIL. PAPI(P2L)-GA 3.0° TCH 41'.

RWY 23: PAPI(P2R)-GA 3.0° TCH 20'. Trees.

RWY 14-32: H2404X100 (ASPH) S-12.5 MIRL 0.4% up SE

RWY 14: PAPI(P2L)-GA 3.0° TCH 27'. Trees.

RWY 32: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 05-23 and Rwy 14-32 and REIL Rwy 05-CTAF. Rwy 14-32 edge and thld lgts OTS indef.

AIRPORT REMARKS: Attended 1300-2200Z. After hrs fuel call 412-916-6282. Deer and birds on and invof arpt. Rwy 05 has a 110' relocated thld, Rwy 23 has a 265' relocated thld for taxi only. Rwy 14 has a 315' relocated thld, Rwy 32 has a 260' relocated thld for taxi only. Twy B clsd to acft wingspan more than 40'. Ldg fee for all acft over 6,000 lbs gross weight waived for fuel purchase.

AIRPORT MANAGER: 724-628-2276

WEATHER DATA SOURCES: AWOS-3 133.325 (724) 626-8745.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **CLARKSBURG APP/DEP CON** 119.425 (1100-0400Z† Mon-Fri, 1200-0400Z† Sat-Sun)

® **CLEVELAND CENTER APP/DEP CON** 124.4 or call ZOB 440-774-0226 (0400-1100Z† Mon-Fri, 0400-1200Z† Sat-Sun)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 272° 13.8 NM to fld. 2820/6W.

VOR & TACAN AZIMUTH OTS indef

VOR voice OTS indef

CAMOR NDB (MHW/LOM) 299 VV N39°52.97' W79°44.68' 049° 6.1 NM to fld. 1020/8W.

NDB unusable:

Byd 10 NM

LOC 110.7 I-VVS Rwy 05. LOM CAMOR NDB. LOC unmonitored indef.

CORRY—LAWRENCE (8G2) 1 S UTC-5(-4DT) N41°54.45' W79°38.46'

1766 B NOTAM FILE AOO

RWY 14-32: H4101X75 (ASPH) S-12.5 MIRL 1.7% up SE**RWY 14:** REIL. Trees.**RWY 32:** REIL.**SERVICE:** FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 14-32 and REIL Rwys 14 and 32—CTAF.**AIRPORT REMARKS:** Attended irregularly. Birds on and invof arpt.**AIRPORT MANAGER:** (814) 462-7576**COMMUNICATIONS:** CTAF/AUNICOM 122.8**TIDIOUTE RCO** 122.1R 117.6T (ALTOONA RADIO)Ⓡ **ERIE APP/DEP CON** 121.0 126.05 (1100-0500Z‡)Ⓡ **CLEVELAND CENTER APP/DEP CON** 127.075 or call ZOB 440-774-0227 (0500-1100Z‡)**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**TIDIOUTE (L) VORTAC** 117.6 TDT Chan 123 N41°42.78' W79°25.04' 328° 15.4 NM to fld. 1710/9W.**TACAN AZIMUTH & DME unusable:**

041°-051° byd 30 NM blo 4,000'

340°-005° byd 24 NM blo 5,000'

305°-340° byd 24 NM blo 3,500'

VOR unusable:

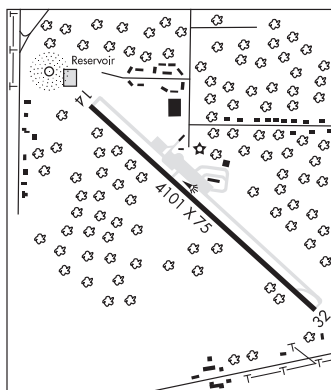
299°-309° byd 14.0 NM blo 4,000'

NDB (MHW) 258 ORJ N41°54.76' W79°38.91' at fld. 1665/10W.

DETROIT

L-30H

IAP

**COVE VALLEY** (See WILLIAMSBURG on page 317)**GRESKO****ROCKY HILL** (48P) 1 SE UTC-5(-4DT) N41°08.91' W75°16.52'

1240 NOTAM FILE IPT

RWY 09-27: 1000X100 (TURF)**RWY 09:** Thld dsplcd 130'. Trees.**RWY 27:** Thld dsplcd 80'. Trees.**AIRPORT REMARKS:** Unattended. Deer and wildlife on and invof arpt. Announce tfc on—CTAF 122.9.**AIRPORT MANAGER:** 570-595-2269**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For Cinc Del ctc ABE Apch at 800-728-6322.

NEW YORK

DANVILLE (8N8) 3 SW UTC-5(-4DT) N40°56.90' W76°38.64'

559 B NOTAM FILE IPT

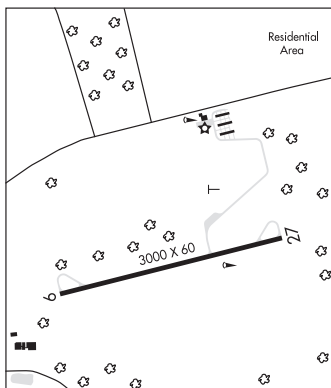
RWY 09-27: H3000X60 (ASPH) S-12.5 MIRL 0.4% up E**RWY 09:** Trees.**RWY 27:** Trees.**SERVICE:** S2 FUEL 100LL **LGT** Lighting non-std. ACTIVATE MIRL Rwy 09-27—CTAF 122.8.**AIRPORT REMARKS:** Attended irregularly. After hrs ctc 570-274-6190. Tran acft call ahead for fuel 570-274-6190. Deer and wildlife on and invof arpt. Rwy 27 thld lgts dsplcd 365' from rwy end. Rwy end lgtd with two white lgts. Radio controlled airplane ops N of rwy.**AIRPORT MANAGER:** 570-274-6190**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **WILKES-BARRE APP/DEP CON** 126.3**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**MILTON (L) VORTACW** 109.2 MIP Chan 29 N41°01.40'

W76°39.92' 177° 4.6 NM to fld. 1000/9W.

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc AVP Apch at 570-655-2084.

NEW YORK

L-30J

**DECK** (See MYERSTOWN on page 291)**DONEGAL SPRINGS AIRPARK** (See MOUNT JOY/MARIETTA on page 289)

DOVER

LAZY B BRANCH (ØP8) 3 E UTC-5(-4DT) N40°01.36' W76°49.00'

NEW YORK

450 NOTAM FILE IPT

RWY 05-23: H2600X100 (ASPH-CONC) LIRL

RWY 05: Brush.

RWY 23: Tree.

SERVICE: LGT For LIRL Rwy 05-23 key 122.9 five times.

AIRPORT REMARKS: Unattended. Ctc arpt manager 717-292-7029. Rwy 05-23 60' wide concrete with 38' wide macadam centered on rwy. Edge of macadam 1" higher than concrete. Turf area parallel to Rwy 05-23, for taxi only, marked with yellow cones. Rwy 23 dsplcd tch marking 210' from rwy end.

AIRPORT MANAGER: 717-332-9233

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

DOYLESTOWN (DYL)(KDYL) 2 N UTC-5(-4DT) N40°19.98' W75°07.34'

NEW YORK

394 B TPA-1394(1000) NOTAM FILE DYL

L-34G, A

RWY 05-23: H3002X60 (ASPH) S-12 MIRL

IAP

RWY 05: SAVASI(S2L)-GA 5.0°. Tree.

RWY 23: REIL. PAPI(P2L)-GA 3.0° TCH 20'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 23-CTAF.

AIRPORT REMARKS: Attended 1200Z†-dusk. No svcs avbl Christmas, New Years and Thanksgiving. Geese and other wildlife on and invof rwy. Touch and go lds prohibited. Midfield twy clsd indef. Noise abatement procedures in effect, ctc arpt manager 215-340-0707. Rwy 05 is used for crosswind and calm wind rwy.

AIRPORT MANAGER: 215-340-0707

WEATHER DATA SOURCES: ASOS 118.875 (215) 345-0392.

COMMUNICATIONS: CTAF/UNICOM 122.975

® PHILADELPHIA APP/DEP CON 123.8

CLNC DEL 118.55 (TF 800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20'
W74°54.46' 306° 11.0 NM to fld. 294/10W.

VOR portion unusable:

020°-040°

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

300°-353° blo 5,000'

DME portion unusable:

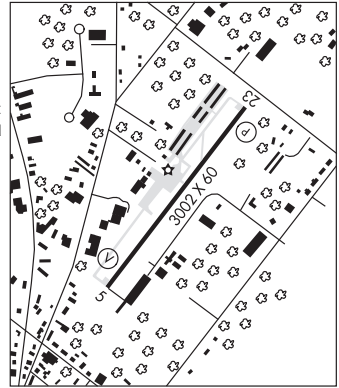
225°-275° byd 25 NM blo 5,000'

VOR/DME unusable:

178 byd 5 NM

230°-238° byd 8 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.



DUBOIS RGNL (DUJ)(KDUJ) 7 NW UTC-5(-4DT) N41°10.70' W78°53.92'

1817 B TPA-2800(983) Class II, ARFF Index A NOTAM FILE DUJ

RWY 07-25: H5503X100 (ASPH-TRTD-GRVD) S-45, D-60, 2D-93

PCN 18 F/C/X/U HIRL

RWY 07: REIL. VASI(V4L)—GA 3.0° TCH 28'. Trees.

RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5503 TODA-5503 ASDA-5503 LDA-5503

RWY 25: TORA-5503 TODA-5503 ASDA-5503 LDA-5503

SERVICE: FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 07-25, REIL and VASI Rwy 07, MALS Rwy 25, twy lghts—CTAF.

AIRPORT REMARKS: Attended Sun-Fri 1000-0300Z‡, Sat 1100-0100Z‡.

Flocks of birds on and in/ov arpt. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 814-328-5311.

AIRPORT MANAGER: 814-328-5311

WEATHER DATA SOURCES: ASOS 119.025 (814) 328-5140.

COMMUNICATIONS: CTAF/UNICOM 123.0

DU BOIS RCO 122.2 (ALTOONA RADIO)

® **CLEVELAND CENTER APP/DEP CON** 126.72 or call ZOB 440-774-0227

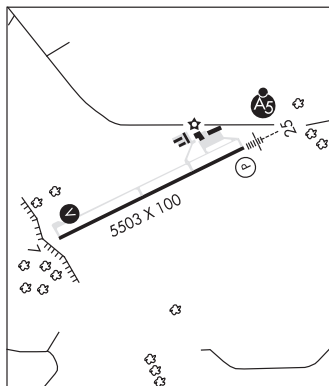
AIRSPACE: CLASS E svc 1025-0330Z‡ Mon-Fri, 1300-2300Z‡ Sat, 1300-0330Z‡ Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 091° 25.4 NM to fld. 1520/6W.

ILS 109.9 I-DUJ Rwy 25. Class IT. Unmonitored.

DETROIT
H-10H, 12I, L-30I
IAP



EAST STROUDSBURG

STROUDSBURG-POCONO (N53) 3 N UTC-5(-4DT) N41°02.15' W75°09.64'

480 B TPA-1280(800) NOTAM FILE IPT

RWY 08-26: H3087X30 (ASPH) LIRL(NSTD) 0.3% up E

RWY 08: Thld dsplcd 100'. Tree.

RWY 26: Thld dsplcd 770'. Tree.

SERVICE: FUEL 100LL LGT Rwy lights OTS. ACTIVATE LIRL Rwy 08-26 and rotating bcn—CTAF. Rwy 08-26 NSTD LIRL, Rwy 26 end lgt offset from rwy centerline.

AIRPORT REMARKS: Unattended. For svc call 540-577-4940. 100LL self-serve with credit card. Parachute Jumping. Deer on and in/ov arpt. Ultralghts on and in/ov arpt. Rwy 26 no markings/arrows to 770' dsplcd thld. Cracking in pavement, spalling, heaving.

AIRPORT MANAGER: 540-577-4940

COMMUNICATIONS: CTAF/UNICOM 123.0

STILLWATER RCO 122.1R 109.6T (MILLVILLE RADIO)

® **ALLENTOWN APP/DEP CON** 119.65 (3000' and blo) 124.45 (abv 3000')

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75' W74°52.14' 291° 13.5 NM to fld. 920/11W.

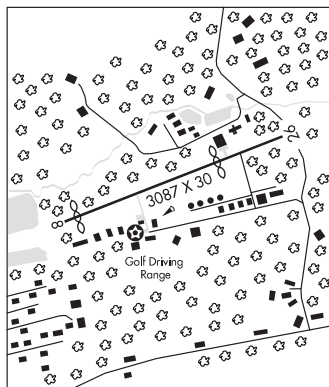
DME unusable:

089°-099° within 12 NM blo 10,000'

210°-320° byd 30 NM blo 4,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc ABE Apch at 800-728-6322.

NEW YORK
L-33A, 34H
IAP



EAST TEXAS N40°34.86' W75°41.04' NOTAM FILE IPT.

(L) **VOR/DME** 110.2 ETX Chan 39 103° 9.0 NM to Allentown Queen City Muni. 742/9W.

NEW YORK
H-10I, L-30K, 34G

EASTON

BRADEN AIRPARK (N43) 3 N UTC-5(-4DT) N40°44.53' W75°14.58'

397 B NOTAM FILE IPT

Rwy 18-36: H1956X165 (ASPH-TURF) LIRL(NSTD) 0.5% up N

Rwy 18: Thld dspicd 192'. Tree.

Rwy 36: Trees.

SERVICE: FUEL 100LL, JET A LGT Rwy 18-36 NSTD LIRL, lgts spaced at 400' intervals.

AIRPORT REMARKS: Attended Wed-Sun 1330-2200Z†. Rwy 18-36 1956' by 50' asph aligned in center of 165' turf strip. Acft may not be visible on all parts of fld. 24 hr self serve fuel avbl.

AIRPORT MANAGER: 610-231-5270

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ALLETOWN APP/DEP CON** 119.65 (3000' and blo) 124.45 (abv 3000')

RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

ALLETOWN (L) VORTAC 117.5 FJC Chan 122 N40°43.60'

W75°27.29' 094° 9.7 NM to fld. 681/10W.

TACAN AZIMUTH & DME unusable:

061°-299° byd 30 NM blo 4,000'

300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM

190°-260° blo 9,000'

190°-260° byd 24 NM

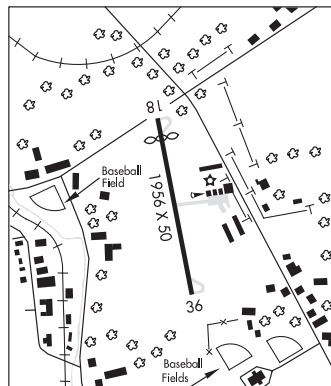
261°-306° byd 9 NM blo 4,000'

307°-349°

350°-020° blo 3,500'

350°-020° byd 33 NM blo 4,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at 800-728-6322.



NEW YORK
L-33A, 34H
IAP

EBENSBURG (9G8) 3 SW UTC-5(-4DT) N40°27.67' W78°46.51'

2099 B NOTAM FILE AOO

Rwy 07-25: H3204X50 (ASPH) S-12.5 MIRL 0.6% up NE

Rwy 07: Trees.

Rwy 25: Road.

Rwy 11U-29U: 1636X150 (TURF-DIRT)

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 07-25 and twy lgts—CTAF.

AIRPORT REMARKS: Attended irregularly. 24 hr self-serve fuel avbl. Deer on and invof arpt. Rwy 11U-29U long grass and rocks in various locations. Rwy 11U-29U for ultralights only. Rwy 11U-29U rwy boundary marked with yellow cones. Barrels are rusting and grass covered.

AIRPORT MANAGER: (814) 472-0843

COMMUNICATIONS: CTAF/UNICOM 122.8

REVLOC RCO 122.1R 110.6T (ALTOONA RADIO)

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z†, other times ctc)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 121.2 or call ZOB 440-774-0226 (0400-1200Z†)

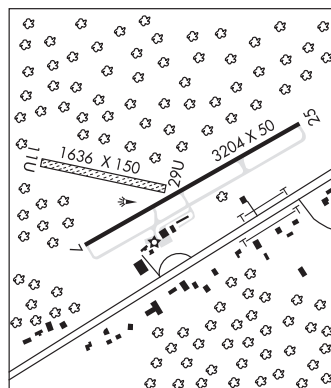
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79'

W78°44.82' 203° 5.3 NM to fld. 2340/9W.

VOR unusable:

070°-085°



DETROIT
L-29D
IAP

EIGHTY FOUR

BANDEL (22D) 3 SE UTC-5(-4DT) N40°07.84' W80°05.77' **DETROIT**
 1210 NOTAM FILE AOO
RWY 01-19: 2260X100 (TURF-DIRT) 1.9% up S
RWY 01: Hill.
RWY 19: Trees.
AIRPORT REMARKS: Attended irregularly. PAEW adjacent Rwy 01-19 indef. Extensive glider operations weekends. Local aircraft and gliders monitor frequency 123.3. 250' high terrain 3450' north of Rwy 19. Rwy 01-19 marked with flush white bucket lids boundary markers. Rwy not maintained during winter months.
AIRPORT MANAGER: 412-877-4584
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Local aircraft and gliders monitor frequency 123.3.

ELLWOOD CITY N40°49.50' W80°12.69' NOTAM FILE AOO. **DETROIT**
(L) VORTAC 115.8 EWC Chan 105 257° 8.8 NM to Beaver Co. 1227/8W. **H-10H, L-29C**
 VOR unusable:
 285°-335°
RCO 122.1R 115.8T (ALTOONA RADIO)

ENOLA N40°14.78' W76°54.04' NOTAM FILE MDT. **NEW YORK**
NDB (LOMW) 204 MD 128° 7.1 NM to Harrisburg Intl. 461/11W.

ERIE

ERIE INTL/TOM RIDGE FLD (ERI)(KERI) 5 SW UTC-5(-4DT) N42°04.99' W80°10.44' **DETROIT**
 732 B LRA Class I, ARFF Index B NOTAM FILE ERI **H-10H, L-30H**
RWY 06-24: H8420X150 (ASPH-GRVD) S-114, D-161, 2S-124, **IAP, AD**
 2D-264 PCN 45 F/C/X/T HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TR Thld dsplcd 919'. Railroad.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TR Trees.

RWY 02-20: H3508X150 (ASPH) S-50, D-60, 2D-150 MIRL

RWY 02: Thld dsplcd 817'. Trees.

RWY 20: VASI(V4L)—GA 4.0° TCH 69'. Thld dsplcd 306'. Road.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 24	02-20	6550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3508 TODA-3508 ASDA-3508 LDA-2691

RWY 06: TORA-8420 TODA-8420 ASDA-8420 LDA-7501

RWY 20: TORA-3508 TODA-3508 ASDA-3508 LDA-3202

RWY 24: TORA-8420 TODA-8420 ASDA-7501 LDA-7501

SERVICE: S2 FUEL 100, JET A OX 3, 4 LGT When twr clsd ACTIVATE
 MALSR Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24, HIRL Rwy 06-24, VASI Rwy 20, MIRL Rwy 02-20 and twy lgts—CTAF. Rwy 06 MALSR unmonitored. Rwy 24 MALSR unmonitored. Lgtd supplemental windcone located at north side Rwy 24 1000' west AER.

AIRPORT REMARKS: Attended continuously. Rwy 02-20 not avbl for air carrier ops. Extensive non-radio and ultralight acft opr 3.5-5 NM southwest of arpt at or blo 700' AGL May 1-Oct 31 annually SR-SS. Birds on and invof arpt. Ldg fee for multi engine acft. Flight Notification Service (ADCUS) available, prior reservation required, phone 814-833-1355.

AIRPORT MANAGER: 814-833-4258

WEATHER DATA SOURCES: ASOS 120.35 (814) 835-7112.

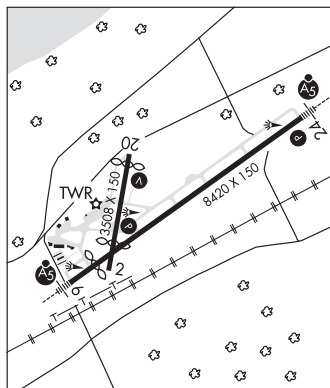
COMMUNICATIONS: CTAF 118.1 ATIS 120.35 UNICOM 122.95

RCO 122.1R 109.4T (ALTOONA RADIO)

Ⓡ **APP/DEP CON** 121.0 (1100-0500Z‡)

CLEVELAND CENTER APP/DEP CON 127.075 or call ZOB 440-774-0227 (0500-1100Z‡)

TOWER 118.1 (1100-0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.8



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1100-0500Z† other times CLASS E.

TRSA svc ctc APP CON within 20 NM

RADIO AIDS TO NAVIGATION: NOTAM FILE ERI.

(L) VORTAC 109.4 ERI Chan 31 N42°01.04' W80°17.56' 059° 6.6 NM to fld. 797/6W.

VOR unusable:

048°-066°

076°-154° byd 30 NM blo 5,000'

155°-190° byd 30 NM

191°-249° byd 30 NM blo 6,000'

250°-274° byd 20 NM

TACAN AZIMUTH unusable:

076°-109° byd 30 NM blo 5,000'

110°-180° byd 25 NM blo 5,000'

181°-249° byd 30 NM blo 5,000'

250°-274° byd 20 NM

295°-315° byd 35 NM blo 3,000'

DME unusable:

076°-109° byd 30 NM blo 5,000'

110°-180° byd 25 NM blo 5,000'

181°-249° byd 30 NM blo 5,000'

250°-274° byd 20 NM

295°-315° byd 35 NM blo 3,000'

CASCADE NDB (MHW) 372 CQD N42°07.15' W80°06.28' 245° 3.8 NM to fld. 662/10W. NDB unmonitored when ATCT closed.

ctld fm erie twr

ILS/DME 110.3 I-ERI Chan 40 Rwy 06. Class IE. Unmonitored when ATCT closed. LOM unmonitored when ATCT closed.

ILS/DME 110.3 I-AWY Chan 40 Rwy 24. Class ID.

THERMAL-G (Ø3G) 3 W UTC-5(-4DT) N42°01.24' W80°04.24'

DETROIT

1434 NOTAM FILE AOO

RWY 07-25: 1264X110 (TURF) 1.0% up E

RWY 07: Rgt tfc.

AIRPORT REMARKS: Attended continuously. Glider ops on the arpt. Rwy 07-25 NSTD markings, rwy marked with white tires. Rwy turf with topsoil base, can be soft in spring and fall and after rains. 945' turf twy on east end of rwy. 1,000' turf twy on west end of rwy. 1 circular hot air balloon launching pad, radio controlled model airplane circle.

AIRPORT MANAGER: 814-866-1131

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 127.075 or call ZOB 440-774-0227.

ERWINNA

VANSANT (9N1) 2 SW UTC-5(-4DT) N40°29.06' W75°05.98'

NEW YORK

390 TPA—See Remarks NOTAM FILE IPT

RWY 07-25: 3058X120 (TURF)

RWY 07: Thld dspcd 365'. Road.

RWY 25: Tree.

RWY 05G-23G: 1340X200 (TURF)

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended 1330Z†-dark. Arpt CLOSED dusk to dawn. Rwy 05 ldg and tkf prohibited. Arpt clsd to tran tfc Dec thru Apr. Heavy glider tfc. Glider TPA-1190(800), Power Plane TPA-1390(1000). Power plane tfc remain outside glider tfc pat and avoid flying directly over arpt. Gliders occasionally use power plane rwy for ldgs to the West. Rwy 23 gliders only. Rwy 07-25 marked with white tires, dspcd thld marked with white tires.

AIRPORT MANAGER: 610-847-8494

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at 800-728-6322.

ESSINGTON

PHILADELPHIA SPB (9N2) 1 S UTC-5(-4DT) N39°51.54' W75°17.98'

WASHINGTON

00 NOTAM FILE IPT

WATERWAY 11-29: 9100X250 (WATER)

WATERWAY 11: Rgt tfc.

SEAPLANE REMARKS: Unattended. Call 610-521-3530 prior to arrival. No night ops. TPA-300, check PHILADELPHIA TAC Chart for ldg area. Tran tfc ctc Philadelphia App Con for tfc advisories.

AIRPORT MANAGER: 610-521-3530

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

FACTORYVILLE**SEAMANS FLD** (9N3) 2 N UTC-5(-4DT) N41°35.36' W75°45.36'

1209 B TPA—2009(800) NOTAM FILE IPT

RWY 04-22: H2500X50 (ASPH) LIRL**RWY 22:** Tree.**SERVICE:** S2 **FUEL** 100LL**AIRPORT REMARKS:** Attended 1400-2200Z†. For svc after hrs ctc 570-419-6879.**AIRPORT MANAGER:** 570-945-5125**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **WILKES-BARRE APP/DEP CON** 120.95**RADIO AIDS TO NAVIGATION:** NOTAM FILE AVP.**WILKES-BARRE (L) VORTACW** 111.6 LVZ Chan 53 N41°16.37'

W75°41.37' 001° 19.2 NM to fld. 2119/10W.

VOR portion unusable:

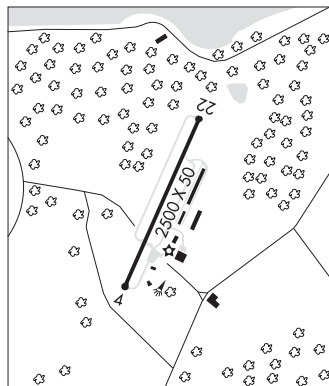
290°-305° byd 15 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc AVP Apch at 570-655-2084.

NEW YORK

L-30K, 33A

IAP

**FAIRFIELD****MID ATLANTIC SOARING CENTER** (W73) 2 SE UTC-5(-4DT) N39°45.42' W77°21.08'

WASHINGTON

573 TPA—1373(800) NOTAM FILE IPT

RWY 15-33: H2700X50 (ASPH) S-12.5, D-12.5**RWY 15:** Tree.**RWY 33:** Thld dsplcd 900'. Tree. Rgt tfc.**AIRPORT REMARKS:** Attended Sat-Sun dalgt hrs. Unattended Mon-Fri. Arpt ops rstd, in accordance with Temporary Flight Restriction rules, when P-40 expanded to 10 NM radius. Rwy 15 CLOSED for ldg. Extensive glider ops. Gliders occasionally land on turf area adjacent to Rwy 15-33. Rwy 15 not marked with thld or magnetic heading.**AIRPORT MANAGER:** 717-642-9886**COMMUNICATIONS:** CTAF 123.3**COMM/NAV/WEATHER REMARKS:** Multicom 123.3 used during glider activity. For Clnc Del ctc Potomac Apch at 866-709-4993.**FARMERS PRIDE** (See FREDERICKSBURG on page 275)**FINLEYVILLE AIRPARK** (GØ5) 1 SW UTC-5(-4DT) N40°14.75' W80°00.74'

DETROIT

1236 B TPA—See Remarks NOTAM FILE AOO

RWY 14-32: H2505X50 (ASPH) LIRL**RWY 32:** Tank.**SERVICE:** S4 **FUEL** 100LL **LGT** After 0500Z† **ACTIVATE** LIRL and rotating bcn—CTAF.**AIRPORT REMARKS:** Attended irregularly. Deer on and invof rwy. Terrain falls off rapidly off apch end Rwy 14; terrain rises off apch end Rwy 32. Tran pilots advised to check rwy condition prior to use during winter months. Ultralights avoid overflying houses northeast of arpt. Helicopters follow fixed wing tfc pat. Rwy 14-32 ultralights fly rgt tfc pat. TPA ultralights 1736(500). Parl twy not marked or lgtd. No acct parking on SE portion of parl twy next to hangars 16, 17, and 18.**AIRPORT MANAGER:** (412) 901-7682**COMMUNICATIONS:** CTAF/UNICOM 123.0**FLYING DOLLAR** (See CANADENSIS on page 264)**FLYING M AERODROME** (See GERMANSVILLE on page 276)**FORT INDIANTOWN GAP** (See MUIR AAF (FORT INDIANTOWN GAP) on page 291)

FRANKLIN

VENANGO RGNL (FKL)(KFKL) 2 SW UTC-5(-4DT) N41°22.65' W79°51.64'

1540 B Class II, ARFF Index A NOTAM FILE FKL

RWY 03-21: H5200X150 (ASPH-GRVD) S-40, D-70, 2S-89

PCN 19 F/B/X/U HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 12-30: H3593X100 (ASPH) S-67, D-105, 2S-133

PCN 27 R/B/X/U MIRL

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 3.0° TCH 41'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 12: TORA-3593 TODA-3593 ASDA-3593 LDA-3593

RWY 21: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 30: TORA-3593 TODA-3593 ASDA-3593 LDA-3593

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 03-21, MALSR Rwy 21, MIRL Rwy 12-30, PAPI Rwy 03, Rwy 21, and Rwy 30 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1100-0400Z†, Sat 1100-0300Z†, Sun 1200-0400Z†. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 814-432-5333. Deer and birds on and in vicinity of arpt. Ldg fee for acft over 6000 lbs gross weight.

AIRPORT MANAGER: 814-432-5333

WEATHER DATA SOURCES: AWOS-3 118.175 (814) 437-2066. HIWAS 109.6 FKL.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.1R 109.6T (ALTOONA RADIO)

Ⓡ **YOUNGSTOWN APP CON** 126.25 (1100-0500Z†)

Ⓡ **YOUNGSTOWN DEP CON** 133.95 (1100-0500Z†) CLNC DEL 126.25

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 or call ZOB 440-774-0226 (0500-1100Z†)

AIRSPACE: CLASS E svc 1030-0330Z† Mon-Fri, 1030-1430Z† Sat, 2330-0330Z† Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 313° 22.9 NM to fld. 1520/6W.

FRANKLIN (L) VOR 109.6 FKL N41°26.31' W79°51.40' 189° 3.7 NM to fld. 1528/6W. NOTAM FILE FKL.

HIWAS.

ILS 110.5 I-FKL Rwy 21. Class IB. Unmonitored Sat 0100Z†-Sun 1200Z†.



DETROIT
H-10H, L-30H
IAP

FRANKLIN CO RGNL (See CHAMBERSBURG on page 265)

FREDERICKSBURG

FARMERS PRIDE (9N7) 0 W UTC-5(-4DT) N40°26.57' W76°26.50'

NEW YORK

495 B NOTAM FILE IPT

RWY 10-28: 3410X150 (TURF) RWY LGTS(NSTD)

RWY 10: Thld dspcd 504'. Trees.

RWY 28: Thld dspcd 590'. Pole.

SERVICE: S2 FUEL 100LL LGT ACTIVATE LIRL Rwy 10-28 on CTAF—122.9. ACTIVATE rotating bcn CTAF—122.9.

AIRPORT REMARKS: Attended 1400-2200Z†. Only fuel avbl to tran acft is emerg fuel. Rwy 10-28 turf rwy marked by yellow tires/white lgts. Rwy 28 dspcd thlds marked by 6 split red/green lgts. Dspcd thlds marked by 6 split red/green lgts. Dspcd thld lgts-3 green ldg, 1 green roll-out. Orange 6' tetrahedron next to the windsock on the S side of the rwy.

AIRPORT MANAGER: 717-865-4596

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

FREEPORT

MCVILLE (6P7) 7 NE UTC-5(-4DT) N40°44.07' W79°35.74'

DETROIT

1105 B NOTAM FILE AOO

RWY 14-32: H2800X60 (ASPH) MIRL

SERVICE: S4 FUEL 100LL, MOGAS LGT ACTIVATE MIRL Rwy 14-32—122.8.

AIRPORT REMARKS: Attended 1300-2200Z†. Alternate phone 412-418-3703. Deer/Birds on and invof arpt. MOGAS is 89 octane.

AIRPORT MANAGER: 724-335-0390

COMMUNICATIONS: CTAF/UNICOM 123.0

GERMANSVILLE**FLYING M AERODROME** (P91) 2 N UTC-5(-4DT) N40°44.25' W75°42.33'

NEW YORK

735 NOTAM FILE IPT

RWY 08-26: 2380X100 (TURF) 0.4% up E**RWY 26:** Thld dsplcd 300'. Road.**SERVICE:** S2**AIRPORT REMARKS:** Attended irregularly. Rwy 08-26 marked with white cones. Rwy 26 dsplcd thld marked with cones and 3 lgts each side.**AIRPORT MANAGER:** 610-248-8190**COMMUNICATIONS:** CTAF/UNICOM 122.725**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc ABE Apch at 800-728-6322.**GETTYSBURG****GETTYSBURG RGNL** (W05) 2 W UTC-5(-4DT) N39°50.48' W77°16.48'

WASHINGTON

553 B NOTAM FILE IPT

RWY 06-24: H3100X60 (ASPH) MIRL 0.4% up NE**RWY 06:** Thld dsplcd 165'. Tree.**RWY 24:** Thld dsplcd 539'. Trees.**SERVICE:** LGT ACTIVATE MIRL Rwy 06-24 and arpt bcn—CTAF.**AIRPORT REMARKS:** Unattended. Deer and birds invof arpt. Windsock SS-SR, solar.**AIRPORT MANAGER:** 717-948-3900**COMMUNICATIONS:** CTAF 122.9Ⓡ **POTOMAC APP/DEP CON** 126.825**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**WESTMINSTER (H) VORTAC** 117.9 EMI Chan 126 N39°29.70'W76°58.71' 335° 24.9 NM to fld. 820/8W. **HIWAS.**

VOR portion unusable:

128°-161° byd 20 NM blo 6,500'

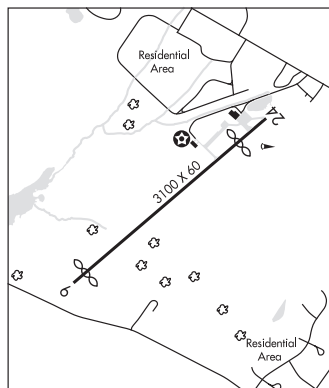
221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

301°-334° blo 5,500'

TACAN AZIMUTH & DME unusable:

281°-055° byd 35 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-709-4993.

L-29E, 34F, A

IAP

SOUTHERN ADAMS CO HELIPORT (P98) 6 S UTC-5(-4DT) N39°45.67' W77°16.52'

WASHINGTON

530 NOTAM FILE IPT

HELIPAD H1: H60X60 (CONC)**SERVICE:** S4**HELIPORT REMARKS:** Attended Mon-Fri 1300-2200Z†. For attendance Sat, Sun and holidays call arpt manager

717-334-0280 or 717-337-1515 between 1300-2200Z† during weekday hrs. NS ABTMT procedures in effect, maintain 500' until inbound on apch heading. Avoid overflight of houses north and south of heliport. Heliport H1 southeast apch/depart primary, apch/depart 140° ingress/320° egress, 340° ingress/160° egress. Heliport H1 24' marked P-line 225' northwest, 19' hangar 125' north, 68' trees 810' southeast.

AIRPORT MANAGER: 717-334-0280**COMMUNICATIONS:** CTAF 122.9**GREENE CO** (See WAYNESBURG on page 314)**GREENSBURG JEANNETTE RGNL** (See JEANNETTE on page 282)

GREENVILLE MUNI (4G1) 3 N UTC-5(-4DT) N41°26.81' W80°23.47'
1206 B NOTAM FILE AOO

DETROIT
L-30H
IAP

RWY 15-33: H3006X75 (ASPH) S-12.5 MIRL 1.4% up SE

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Trees.

RWY 05-23: 2551X118 (TURF) CL 0.5% up SW

RWY 05: Thld dspcd 984'. Trees.

RWY 23: Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 15-33; REIL Rwy 15 and Rwy 33 and PAPI Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1400Z±-dusk. Unattended Sun, Thanksgiving, Christmas and New Years days. Self-svc fuel avbl. Deer and birds on and invof arpt. PAEW on and invof arpt. Rwy 05-23; marked with orange cones. Some cones missing. Rwy 05; 984' dspcd thld marked with orange cones.

AIRPORT MANAGER: 724-588-1665

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z±)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 or call ZOB 440-774-0227 (0500-1100Z±)

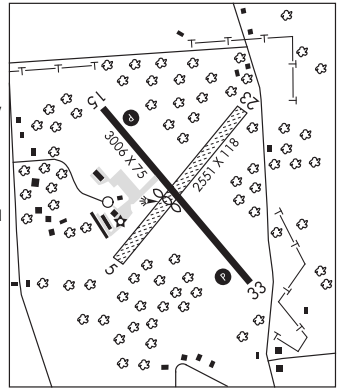
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86' W80°40.48' 066° 14.6 NM to fld. 1159/5W. **HIWAS.**

VOR unusable:

015°-179° blo 5,000'

180°-014° byd 25 NM blo 5,000'



GRIMES (See BETHEL on page 261)

GROVE CITY (29D) 3 W UTC-5(-4DT) N41°08.76' W80°10.07'
1370 B NOTAM FILE AOO

DETROIT
L-30H
IAP

RWY 10-28: H4500X75 (ASPH) S-12.5 MIRL 1.6% up W

RWY 10: REIL. PAPI(P2L)—GA 3.8° TCH 37'. Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 56'.

SERVICE: **FUEL** 100LL, **JET A** **LGT** ACTIVATE MIRL Rwy 10-28—CTAF. Rwy 10 PAPI unusable byd 5° left of rwy centerline. Twy lgts stub to apron.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z±. CLOSED Thanksgiving, Christmas and New Years Day. Parachute Jumping. Avoid overflying fld during dalgt VFR because of parachute jumping activity northwest corner of fld. Deer and geese on and invof arpt. Drainage ravine 15' deep located in safety area north of Rwy 10.

AIRPORT MANAGER: 724-748-5530

COMMUNICATIONS: CTAF/UNICOM 122.725

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z±)

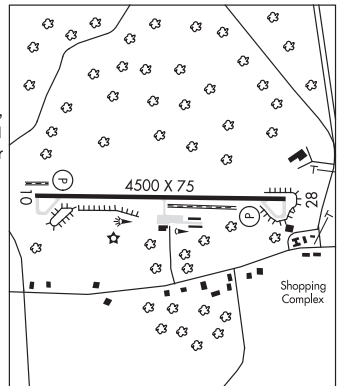
Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 or call ZOB 440-774-0227 (0500-1100Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (L) VORTAC 115.8 EWC Chan 105 N40°49.50' W80°12.69' 014° 19.4 NM to fld. 1227/8W.

VOR unusable:

285°-335°



HARRISBURG

CAPITAL CITY (CXY)(KCXY) 3 SE UTC-5(-4DT) N40°13.03' W76°51.08'

347 B TPA-1500(1153) NOTAM FILE CXY

RWY 08-26: H5000X150 (ASPH-GRVD) S-65, D-105, 2S-133, 2D-185 HIRL

RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. RVR-T Tree.

RWY 26: VASI(V4L)—GA 3.1° TCH 56'. Pole. Rgt tfc.

RWY 12-30: H3778X100 (ASPH) S-40, D-65, 2S-82, 2D-115 MIRL 0.3% up SE

RWY 12: REIL. VASI(V4L)—GA 3.9° TCH 49'. Tree. Rgt tfc.

RWY 30: REIL. VASI(V4L)—GA 4.0° TCH 56'. Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 26	12-30	3450

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE HIRL

Rwy 08-26, MIRL Rwy 12-30, MALSR Rwy 08 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1100-0400Z†. PPR for hazardous cargo. Bird flocks on and in/ov arpt. All rwys for loads over 100,000 lbs prior permission rqr. Arpt CLOSED to FAR PART 121 acft. Active twy prior to Rwy 12 relocated thld, no tkf or ldg on this sfc.

AIRPORT MANAGER: 717-774-8335

WEATHER DATA SOURCES: ASOS (717) 770-0880 LAWRS.

COMMUNICATIONS: CTAF 119.5 ATIS 134.95 UNICOM 122.95

HARRISBURG RCO 122.2 (WILLIAMSPORT RADIO)

® HARRISBURG APP/DEP CON 124.1

TOWER 119.5 (1200-0200Z‡) GND CON 121.9 CLNC DEL 124.1 (when twr clsd)

AIRSPACE: CLASS D svc 1200-0200Z‡ other times CLASS E.

TRSA svc ctc APP CON 20 NM out.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (T) VOR/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' 292° 26.4 NM to fld. 399/9W.

VOR unusable:

195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

LATLE NDB (LOMW) 219 CX N40°10.69' W77°00.34' 083° 7.5 NM to fld. 505/11W. NOTAM FILE CXY.

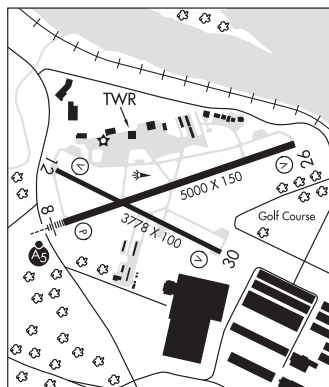
ILS 109.1 I-CXY Rwy 08. Class IB. LOM LATLE NDB. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: When twr clsd pickup clnc thru Harrisburg App Con on frequency 124.1 or via phone 1-800-932-0712. For Clnc Del when ATCT is clsd ctc MDT Apch at 800-932-0712.

NEW YORK

H-10H, 12I, L-29E, 34G, A

IAP, AD



HARRISBURG INTL (MDT)(KMDT) P (ANG) 8 SE UTC-5(-4DT) N40°11.59' W76°45.76'
 310 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE MDT
RWY 13-31: H10001X200 (ASPH-GRVD) S-155, D-330, 2S-175,
 2D-550 PCN 90 F/C/X/T HIRL CL

NEW YORK
H-10H, 12I, L-29E, 34G, A
IAP, AD

RWY 13: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Thld dsplcd 993'. Tree.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51'. RVR-TMR Thld dsplcd 993'. Trees. Rgt ttc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-10001 TODA-10001 ASDA-9063 LDA-8070

RWY 31: TORA-10001 TODA-10001 ASDA-9122 LDA-8129

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 4 **MILITARY**—FUEL A, A+ (C717-944-4666) (NC-100LL) **FLUID LOX OIL** O-128(Mil)

AIRPORT REMARKS: Attended continuously. Bird flocks on and in/ov arpt. East apron clsd to tran acft without prior permission, call arpt manager 717-948-3921. No touch and go l/dgs 0400-1100Z†.

TPA—1300(990) props, 1800(1490) jets. Cargo apron parking spot 9 clsd to acft with a wingspan of more than 52'. Cold temperature rstd arpt. Altitude correction required at or blo -17C. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 717-948-3900

WEATHER DATA SOURCES: ASOS (717) 944-1372 WSP.

COMMUNICATIONS: ATIS 118.8

Ⓡ **HARRISBURG APP/DEP CON** 118.25 (310°-079°) 124.1 (180°-309°) 126.45 (080°-179°)

HARRISBURG INTL TOWER 124.8 **GND CON** 121.7

AIRSPACE: CLASS D

TRSA svc ctc **APP CON** 20 NM out

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (T) VOR/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' 291° 22.1 NM to fld. 399/9W.

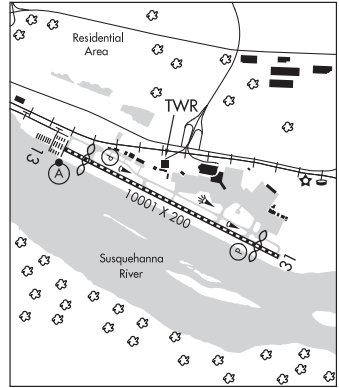
VOR unusable:
 195°-273° byd 21 NM blo 9,000'

DME unusable:
 180°-190°
 320°-030° byd 31 NM blo 8,000'

ENOLA NDB (LOMW) 204 MD N40°14.78' W76°54.04' 128° 7.1 NM to fld. 461/11W. NOTAM FILE MDT.

ILS 110.9 I-MDT Rwy 13. Class IIIE. LOM ENOLA NDB. LOC unusable above 1,800' at thld; above 4,800' byd OM (6.4 NM).

ILS 110.9 I-HQA Rwy 31. Class IB. Unmonitored when ATCT clsd. Coupled apch na blo 1,360' MSL.



HARRISBURG N40°18.13' W77°04.17' NOTAM FILE CXY.

(L) **VORTAC** 112.5 HAR Chan 72 225° 8.4 NM to Carlisle. 1301/10W.

DETROIT
H-10H, L-29E, A

VOR unusable:
 097°-107° byd 10 NM

146°-168° byd 20 NM blo 7,000'

RCO 122.2 (WILLIAMSPORT RADIO)

RCO 122.1R 112.5T (WILLIAMSPORT RADIO)

HAZLETON RGNL (HZL)(KHZL) 2 NW UTC-5(-4DT) N40°59.21' W75°59.69'
1603 B NOTAM FILE IPT

NEW YORK
L-30K, 34G
IAP

RWY 10-28: H4898X100 (ASPH-GRVD) S-47, D-74, 2S-94 MIRL

RWY 10: REIL. VASI(V4L)—GA 3.3° TCH 56'. Trees.

RWY 28: MALS. PAPI(P4L)—GA 3.17° TCH 40'. Trees. Rgt tfc.

SERVICE: S2 **FUEL** 100LL, **JET A** **LGT** ACTIVATE MIRL Rwy 10-28, MALS Rwy 28, VASI Rwy 10 (3, 5, 7 clicks) on—123.0.

AIRPORT REMARKS: Attended 1230-2100Z†. Fuel svc after hrs by prior request 570-233-7393 or 570-468-2479. Parachute Jumping. Rwy 28 VFR departure procedure right turn heading 300° at end of rwy. Type 1 deicing avbl. Ldg fee, Jet, Turboprop and Corporate acft only.

AIRPORT MANAGER: (570) 233-7393

WEATHER DATA SOURCES: AWOS-3 119.975 (570) 459-4901.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **WILKES-BARRE APP/DEP CON** 126.3

CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

WILKES-BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37'

W75°41.37' 229° 22.0 NM to fld. 2119/10W.

VOR portion unusable:

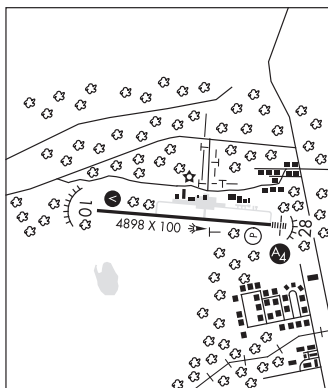
290°-305° byd 15 NM blo 6,000'

(T) **VORW** 109.4 HZL N40°58.50'

W76°07.55' 092° 6.0 NM to fld. 1724/9W. NOTAM FILE IPT.

LOC 110.5 I-HZL Rwy 28. LOC unusable abv 5,000'.

COMM/NAV/WEATHER REMARKS: AWOS avbl 570-459-4901. For Clnc Del ctc AVP Apch at 570-655-2084.



HERITAGE FLD (See POTTSTOWN on page 301)

HONESDALE

CHERRY RIDGE (N3Ø) 3 S UTC-5(-4DT) N41°30.94' W75°15.09'

NEW YORK
L-30K, 33A, 34H
IAP

1357 B NOTAM FILE IPT

RWY 18-36: H2986X50 (ASPH) S-10 LIRL 0.6% up N

RWY 18: Thld dsplcd 519'. Tree.

RWY 36: Thld dsplcd 589'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Beacon and LIRL Rwy 18-36 2300Z† to 1230Z†.

AIRPORT REMARKS: Attended 1400-2200Z†. Rwy 36 clsd to night ops.

AIRPORT MANAGER: 570-253-5833

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **WILKES-BARRE APP/DEP CON** 120.95

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

WILKES-BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 063° 24.6 NM to fld. 2119/10W.

VOR portion unusable:

290°-305° byd 15 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc AVP Apch at 570-655-2084.

HONEY GROVE

STOTTLE MEM HELIPORT (Ø2P) 0 SE UTC-5(-4DT) N40°24.22' W77°33.40'

DETROIT
L-29D, A
IAP

591 B NOTAM FILE IPT

HELIPAD H1: 100X100 (TURF) PERIMETER LGTS

SERVICE: **LGT** ACTIVATE perimeter lgts —122.8. **ACTIVATE** rotating beacon—122.8.

HELIPORT REMARKS: Unattended. H1-100' P-line (marked) 2130' west, 40' trees 110' north and south, 5' fence 54' from H1. Heliport surface has 5.7% slope.

AIRPORT MANAGER: 717-734-3695

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **HARRISBURG APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13' W77°04.17' 295° 23.2 NM to fld. 1301/10W.

VOR unusable:

097°-107° byd 10 NM

146°-168° byd 20 NM blo 7,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

HORSHAM VALLEY AIRWAYS INC HELIPORT (N48) 2 NW UTC-5(-4DT) N40°12.12' W75°10.69' NEW YORK
 250 NOTAM FILE IPT
HELIPAD H1: H65X65 (ASPH)
SERVICE: LGT Helipad H1 lgt'd by flood lghts from building.
HELIPORT REMARKS: Attended Mon-Fri 1230-2300Z†. For attendant on weekends call 215-674-2100. Avoid overflight of houses east and west. Rwy H1 ingress 240°, egress 060°.
AIRPORT MANAGER: 215-674-2100
COMMUNICATIONS: CTAF/UNICOM 123.075
COMM/NAV/WEATHER REMARKS: For Cinc Del ctc PHL Apch at 757-363-5864.

HUSKY HAVEN (See MONTROSE on page 289)

INDIAN HEAD N39°58.45' W79°21.50' NOTAM FILE AOO. CINCINNATI
 (L) VORTAC 108.2 IHD Chan 19 272° 13.8 NM to Joseph A Hardy Connellsville. 2820/6W. H-10H, L-29C
 VOR & TACAN AZIMUTH OTS indef
 VOR voice OTS indef
RCO 122.1R 108.2T (ALTOONA RADIO)

INDIANA CO(JIMMY STEWART FLD) (IDI)(KIDI) 2 E UTC-5(-4DT) N40°37.86' W79°06.09' DETROIT
 1419 B NOTAM FILE IDI H-10H, 12I, L-29C
RWY 11-29: H5502X100 (ASPH) HIRL 0.9% up E IAP
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.
RWY 29: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 11, HIRL Rwy 11-29 and twys—CTAF.

AIRPORT REMARKS: Attended Mar-Nov 1230-0000Z†, Dec-Feb Mon-Fri 1230-2200Z†, Dec-Feb Sat-Sun 1300-2100Z†. Arpt attendance after hrs by prior arrangement call 724-463-3883. CLOSED major holidays. Birds and deer on and in/ov arpt. Ldg fee. Landing fee for fixed wing turbine acft waived with fuel purchase.

AIRPORT MANAGER: 724-463-3883

WEATHER DATA SOURCES: AWOS-3 126.625 (724) 463-8551.

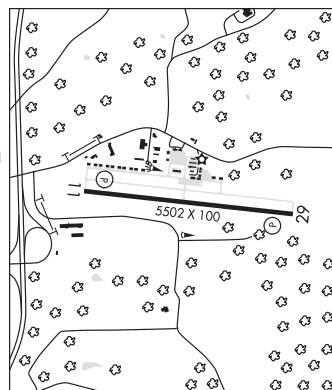
COMMUNICATIONS: CTAF/UNICOM 122.8

- Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†, other times ctc)
- Ⓡ CLEVELAND CENTER APP/DEP CON 121.2 or call ZOB 440-774-0226 (0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79'
 W78°44.82' 296° 17.0 NM to fld. 2340/9W.

VOR unusable:
 070°-085°



INTER CO (See IRWIN on page 281)

IRWIN

INTER CO (31D) 4 W UTC-5(-4DT) N40°20.00' W79°46.75' DETROIT
 1250 TPA—2050(800) NOTAM FILE AOO
RWY E-W: 1800X120 (TURF)
RWY E: Trees.
RWY W: Trees.
AIRPORT REMARKS: Attended dalgt hrs. Deer on and in/ov arpt. Caution: Trees in apch path, use short fld tkof and ldg procedure. Ultralight activity on and in/ov arpt. Marked water tank approximately one-half mile east of arpt, unmarked cell twr near water tank and marked transmission line approximately 1575' east of arpt. Fence approximately 4' high along south side of Rwy W and extends approximately 500' into the apch sfc. Turf rwy may be soft during spring thaw and wet periods. Call for current rwy conditions. Rwy E-W dog leg in rwy approximately 15°. Rwy E-W width varies 125'-178'. Rwy E marked with yellow cones. Rwy W marked with yellow cones. Rwy E-W 275' unmarked safety area west end, 225' unmarked safety area east end.
AIRPORT MANAGER: 412-751-9009
COMMUNICATIONS: CTAF 122.9

JAKE ARNER MEM (See LEHIGHTON on page 286)

JEANNETTE

GREENSBURG JEANNETTE RGNL (5G8) 3 N UTC-5(-4DT) N40°22.58' W79°36.53'

DETROIT
L-29C

1188 B TPA—1988(800) NOTAM FILE AOO

RWY 02-20: H2605X50 (ASPH) MIRL 0.6% up S

RWY 02: Hill. Rgt tfc.

RWY 20: Trees.

SERVICE: LGT Arpt bcn opr dusk to 0600Z‡. ACTIVATE MIRL Rwy 02-20—CTAF. Rwy 02-20 no twy lgts. NSTD rwy lgt spacing. NSTD thld lgt spacing.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z‡. Parachute Jumping. Deer and birds on and invof arpt with occasional rwy incursions. 240' hill/trees 4,690' south of Rwy 02. Terrain drops off rapidly on both ends of rwy.

AIRPORT MANAGER: 724-744-2900

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45' 082° 20.7 NM to fld. 1285/9W.

HIWAS.

VOR portion unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

JERSEY SHORE (P96) 2 E UTC-5(-4DT) N41°12.39' W77°13.55'

DETROIT

547 B NOTAM FILE IPT

RWY 09-27: 3059X130 (TURF) LIRL 0.5% up W

RWY 09: Thld dspcd 300'. Road.

SERVICE: LGT ACTIVATE LIRL Rwy 09-27, and wind indicator—CTAF. Rwy 09-27 outlined with reflectors, and rwy lgts.

AIRPORT REMARKS: Attended on call. Deer on and invof arpt.

AIRPORT MANAGER: 570-398-1391

COMMUNICATIONS: CTAF/UNICOM 122.7

JOHN MURTHA JOHNSTOWN-CAMBRIA CO (See JOHNSTOWN on page 282)

JOHNSTOWN

JOHN MURTHA JOHNSTOWN-CAMBRIA CO (JST)(KJST) P (ANG ARNG AR) 3 NE UTC-5(-4DT)

DETROIT

N40°18.93' W78°50.08'

H-10H, 12I, L-29D

2284 B Class I, ARFF Index A NOTAM FILE JST

IAP, DIAP, AD

RWY 15-33: H7004X150 (CONC-GRVD) S-93, D-183, 2D-357, 2D/2D2-845 PCN 61 R/B/W/U HIRL

RWY 15: VASI(V4L)—GA 3.0° TCH 52'. Trees.

RWY 33: MALS. PAPI(P4R)—GA 3.0° TCH 53'. Trees.

RWY 05-23: H4387X100 (ASPH-GRVD) S-62, D-87, 2S-110 PCN 39 F/A/W/T MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 45'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-4386 TODA-4386 ASDA-4386 LDA-4386

RWY 15: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 23: TORA-4386 TODA-4386 ASDA-4386 LDA-4386

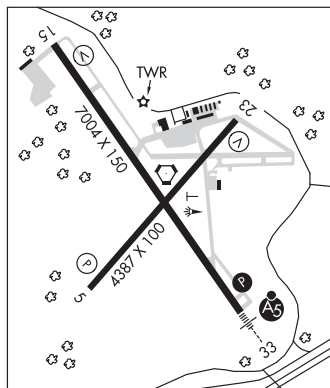
RWY 33: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE MALS

Rwy 33, HIRL Rwy 15-33, PAPI Rwy 33, twy lgts Twy A, Twy B, Twy G, and main terminal apron—CTAF. MIRL Rwy 05-23 unavailable when twr clsd. **MILITARY—FUEL** A, A+ (1100-0400Z‡, C814-361-3500; OT 3 hr PN, C814-254-2425. \$70 fee per occurrence.) (NC-100LL)

AIRPORT REMARKS: Attended 1200-0400Z‡. Arpt unattended 0400-1200Z‡ daily. Deer and birds on and invof arpt. 48 hrs PPR for unscheduled air carriers ops with more than 30 passenger seats, call arpt manager 814-536-0002. Twy B between Rwy 05-23 and Twy B2 rstd to acct with wingspan 78' or less. Ldg fee.

MILITARY REMARKS: AR All fixed wing ramp use PPR ctc AR weekdays 1300-2130Z‡ C814-532-7600. Fixed wing park first 5 pads facing hangar. Ltd maintenance fixed wing. Ramp PCL twy and parking, 143.3. **ARNG** All fixed wing ramp use PPR ctc ARNG 1300-2130Z‡ weekend C814-532-7600. Fixed wing park first 5 pads facing hangar. Ltd maintenance fixed wing. Ramp PCL twy and park 143.3.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 814-536-0002

WEATHER DATA SOURCES: ASOS 118.325 (814) 535-3511.

COMMUNICATIONS: CTAF 125.75 ATIS 118.325 UNICOM 122.95

JOHNSTOWN RCO 122.1R 113.0T 122.65 (ALTOONA RADIO)

① JOHNSTOWN APP/DEP CON 128.2 121.2 244.875 (1200-0400Z‡, other times ctc)

CLEVELAND CENTER 124.4 327.1 or call ZOB 440-774-0226 (0400-1200Z‡)

TOWER 125.75 253.5 (1200-0400Z‡) GND CON 121.6 CLNC DEL 126.85

KEYSTONE OPS ARNG 139.15 241.35 36.5

AIRSPACE: CLASS D svc 1200-0400Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE JST.

JOHNSTOWN (L) VORTAC 113.0 JST Chan 77 N40°19.00' W78°50.05' at fld. 2279/6W.

DME unusable:

110°-135°

TACAN AZIMUTH OTS indef

VOR unusable:

110°-135°

255°-280° blo 10,000'

ILS 110.1 I-JST Rwy 33. Class IA. Glideslope unusable byd 5° left of course. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: UNICOM frequency 122.95 avbl for ground svcs only.

JOSEPH A HARDY CONNELLSVILLE (See CONNELLSVILLE on page 267)**KAMPEL** (See WELLSVILLE on page 315)**KEATING** N41°12.90' W78°08.57' NOTAM FILE AOO.

DETROIT

(H) VORTAC 116.0 ETG Chan 107 241° 15.9 NM to Clearfield-Lawrence. 2250/10W.

H-10H, L-30I

RCO 122.1R 116.0T (ALTOONA RADIO)

KELLER BROTHERS (See LEBANON on page 285)**KRALLTOWN****BERMUDIAN VALLEY AIRPARK** (Ø7N) 2 W UTC-5(-4DT) N40°01.01' W77°00.23'

DETROIT

470 NOTAM FILE IPT

RWY 16-34: 2200X100 (TURF)

RWY 16: Thld dspclcd 370'. Trees.

RWY 34: Thld dspclcd 100'. Trees.

SERVICE: S4

AIRPORT REMARKS: Attended irregularly. Ultralight activity on and invof arpt. Fld soft after prolonged rain. Rwy 16-34 rwy edges marked with white cones, rwy ends marked with orange cones. Rwy 16 and Rwy 34 dspclcd thlds marked with orange cones each side of rwy and 2 white tires east side of rwy.

AIRPORT MANAGER: (717) 858-5063

COMMUNICATIONS: CTAF 122.9

LAKEHILL (See MARS on page 287)

LANCASTER (LNS)(KLNS) 4 N UTC-5(-4DT) N40°07.34' W76°17.66'

403 B TPA-1403(1000) Class II, ARFF Index A NOTAM FILE LNS

NEW YORK

H-10H, 12J, L-29E, 34G, A

IAP, AD

RWY 08-26: H6933X150 (ASPH-GRVD) S-65, D-92, 2S-117,

2D-146 HIRL 0.3% up W

RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 40'. Thld dsplcd 357'.

Road.

RWY 26: PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 59'. Tree.**RWY 13-31:** H4102X100 (ASPH) S-65, D-92, 2S-117, 2D-146

MIRL

RWY 13: PAPI(P2L)—GA 3.0° TCH 40'. Tree.**RWY 31:** REIL. VASI(V4L)—GA 3.0° TCH 37'.**LAND AND HOLD—SHORT OPERATIONS**

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 26	13-31	5190

RUNWAY DECLARED DISTANCE INFORMATION**RWY 08:** TORA-6934 TODA-6934 ASDA-6475 LDA-6117**RWY 13:** TORA-4102 TODA-4102 ASDA-4102 LDA-4102**RWY 26:** TORA-6934 TODA-6934 ASDA-6176 LDA-6117**RWY 31:** TORA-4102 TODA-4102 ASDA-4102 LDA-4102**SERVICE:** S4 FUEL 100LL, JET A OX 4 LGT When twr clsd ACTIVATE

HIRL Rwy 08-26, MALSR Rwy 08, MIRL Rwy 13-31, REIL Rwy 31,

and twy lghts—CTAF. Rwy 13 VGSI and glidepath not coincident. Rwy

lghts and MALSR unmonitored when twr clsd.

AIRPORT REMARKS: Attended Mon—Fri 1100-0200Z‡, Sat 1100-2300Z‡, Sun 1300-0200Z‡. PPR 24 hrs for air carrier ops

with more than 30 passenger seats, call arpt manager 717-569-1221. Rwy/Twy conditions not monitored outside of

attendance hours.

AIRPORT MANAGER: 717-569-1221**WEATHER DATA SOURCES:** ASOS (717) 569-8860**COMMUNICATIONS:** CTAF 120.9 ATIS 125.675 UNICOM 122.95

RCO 122.1R 117.3T (WILLIAMSPORT RADIO)

Ⓡ HARRISBURG APP/DEP CON 126.45

TOWER 120.9 (1100-0400Z‡) GND CON 121.8

AIRSPACE: CLASS D svc 1100-0400Z‡ other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LNS.

(T) VOR/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' at fld. 399/9W.

VOR unusable:

195°-273° byd 21 NM blo 9,000'

DME unusable:

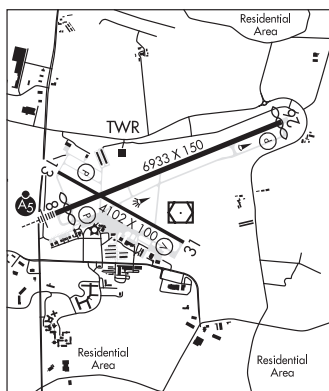
180°-190°

320°-030° byd 31 NM blo 8,000'

ILS 108.7 I-LNS Rwy 08. Class IE. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: When twr clsd pickup clearance TF 800-932-0712. For Clnc Del when ATCT is clsd ctc MDT

Apch at 800-932-0712.

**LATLE** N40°10.69' W77°00.34' NOTAM FILE CXY.

NEW YORK

NDB (LOMW) 219 CX 083° 7.5 NM to Capital City. 505/11W.

LATROBE

ARNOLD PALMER RGNL (LBE)(KLBE) 2 SW UTC-5(-4DT) N40°16.39' W79°24.62'

DETROIT
H-10H, 121, L-29C
IAP, AD

1199 B Class I, ARFF Index B NOTAM FILE LBE
RWY 05-23: H8222X100 (ASPH-GRVD) S-68, D-90, 2S-114, 2D-150
 PCN 39 F/B/X/U HIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Pole. 1.4% down.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Thld dspcd 850'.
 Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-8222 TODA-8222 ASDA-8222 LDA-8222
RWY 23: TORA-8222 TODA-8222 ASDA-8222 LDA-7372

SERVICE: S4 FUEL 100LL, JET A OX3 LGT When twr clsd, ACTIVATE
 HIRL Rwy 05-23, REIL Rwy 05 and MALSR Rwy 23, Twy A, B, C and
 D—CTAF.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt.
 Ldg fee.

AIRPORT MANAGER: 724-539-8100

WEATHER DATA SOURCES: AWOS-3 (724) 537-0671

COMMUNICATIONS: CTAF 125.0 ATIS 118.375

Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z‡)

Ⓡ CLEVELAND CENTER 124.4 or call ZOB 440-774-0227 (0400-1200Z‡)

PALMER TOWER 125.0 (1115-0300Z‡) GND CON 121.8

AIRSPACE: CLASS D svc 1115-0300Z‡; other times ppr other times CLASS G.

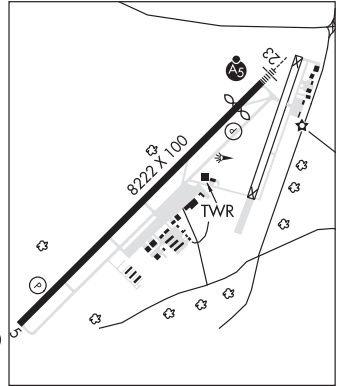
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 358° 18.1 NM to fld. 2820/6W.

VOR & TACAN AZIMUTH OTS indef

VOR voice OTS indef

ILS 110.9 I-LBE Rwy 23. Class IE. Unmonitored when ATCT closed.



LAZY B RANCH (See DOVER on page 269)

LEBANON

KELLER BROTHERS (Ø8N) 5 SE UTC-5(-4DT) N40°17.49' W76°19.72'

NEW YORK
L-34G
IAP

550 B NOTAM FILE IPT
RWY 07-25: 2692X120 (TURF) LIRL(NSTD)

RWY 07: Thld dspcd 701'. Tree.

RWY 25: Thld dspcd 793'. Tree.

SERVICE: FUEL 100LL LGT ACTIVATE rotating bcn, wind indicator lgt
 and LIRL Rwy 07-25—121.9. Rwy 07-25 NSTD LIRL; rwy ends
 identified by 2 strobe lgts and NSTD thld lgt fixtures. Rwy 07-25 thld
 and dspcd thld marked with lgts.

AIRPORT REMARKS: Unattended. 100LL self serve.

AIRPORT MANAGER: (717) 222-1234

COMMUNICATIONS: CTAF 122.9

Ⓡ HARRISBURG APP/DEP CON 126.45 (080°-179°)

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (T) VOR/DME 117.3 LRP Chan 120 N40°07.20'

W76°17.48' 360° 10.4 NM to fld. 399/9W.

VOR unusable:

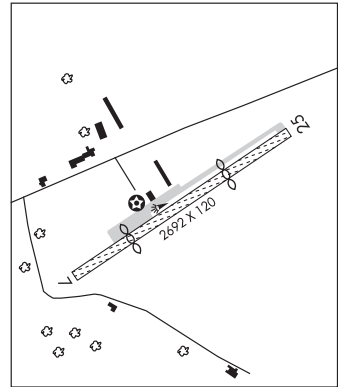
195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctd MDT Apch at
 800-932-0712.



LEHIGH VALLEY INTL (See ALLENTOWN on page 256)

LEHIGHTON

BELTZVILLE (14N) 3 E UTC-5(-4DT) N40°50.66' W75°38.12'

NEW YORK

899 NOTAM FILE IPT

RWY 08-26: 2018X100 (TURF) S-5**RWY 08:** Thld dsplcd 360'. Road.**RWY 26:** Thld dsplcd 230'. Fence.**SERVICE:** S2**AIRPORT REMARKS:** Attended irregularly. For svc call 610-377-1996. Ultralights on and invof arpt. Deer and geese on and invof arpt. Rwy 08-26 not plowed during winter months. Announce tfc on CTAF 122.9. Rwy 08-26 thld marked with white markers.**AIRPORT MANAGER:** 610-377-1996**COMMUNICATIONS:** CTAF 122.9**JAKE ARNER MEM** (22N) 3 SW UTC-5(-4DT) N40°48.57' W75°45.69'

NEW YORK

534 B NOTAM FILE IPT

L-30K, 34G

RWY 08-26: H3000X60 (ASPH) S-12.5 MIRL 0.8% up W

IAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**RWY 26:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26,

REIL and PAPI Rwy 08 and Rwy 26—CTAF. Rwy 08 REIL OTS indef.

AIRPORT REMARKS: Attended 1300Z±-dusk. 24 hr self-serve 100LL and JET

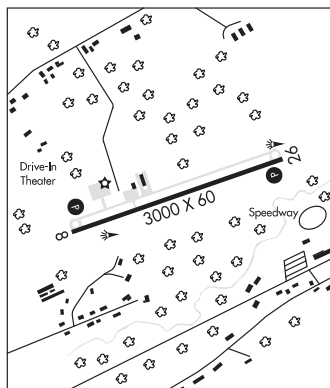
A. Deer and geese on and invof arpt.

AIRPORT MANAGER: 570-778-4783**WEATHER DATA SOURCES:** AWOS-3PT 119.350 (570) 386-3423.**COMMUNICATIONS:** CTAF/UNICOM 123.05Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (3,000' and blo) 124.45 (abv 3,000')**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**EAST TEXAS (L) VORW/DME** 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 355° 14.1 NM to fld. 742/9W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc ABE Apch at

800-728-6322.



LOCK HAVEN

WILLIAM T PIPER MEM (LHV)(KLHV) 2 E UTC-5(-4DT) N41°08.15' W77°25.34'

DETROIT

556 B NOTAM FILE IPT

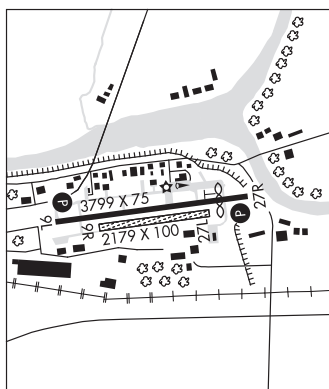
L-30J

RWY 09L-27R: H3799X75 (ASPH) S-12.5 MIRL

IAP

RWY 09L: REIL. PAPI(P2L)—GA 3.5° TCH 49'. Trees.**RWY 27R:** REIL. PAPI(P2L)—GA 4.0° TCH 48'. Thld dsplcd 465'.

Trees. Rgt tfc.

RWY 09R-27L: 2179X100 (TURF) MIRL**RWY 27L:** Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 09L-27R and PAPI Rwy 09L and Rwy 27R—CTAF. Rwy 09L PAPI baffled byd 5° left of centerline. Rwy 27R PAPI unusable byd 6° left and 8° right of course.**AIRPORT REMARKS:** Attended Mon-Fri 1400-2200Z±, Sat-Sun 1500-2100Z±. Fuel avbl after hrs by prior req, call 570-748-9267 or 570-295-7952 or 800-224-7511. Bird activity invof arpt. Rwy 09R-27L white cones mark rwy edge and thlds. No simultaneous rwy opr. Cold temperature rstd arpt. Altitude correction required at or blo -15C/5F.**AIRPORT MANAGER:** 570-748-5123**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**PHILIPSBURG (H) VORTAC** 115.5 PSB Chan 102 N40°54.98' W77°59.56'**COMM/NAV/WEATHER REMARKS:** Local wx on CTAF (3 clicks).

MARS

LAKEHILL (P09) 1 NW UTC-5(-4DT) N40°42.48' W80°01.71'
 1030 NOTAM FILE AOO
RWY 05-23: 2850X75 (TURF)
RWY 05: Thld dspclcd 660'. Road.
RWY 23: Trees.
AIRPORT REMARKS: Unattended. CLOSED when snow on rwy. Deer and ground hogs on and invof rwy. Rwy 05 has trees in apch sfc. Rwy 23 has trees in apch sfc. Rwy 05-23 width varies from 75' to 85'. Rwy soft during wet and thawing periods. Rwy 05-23 marked with orange cones.
AIRPORT MANAGER: 724-625-2154
COMMUNICATIONS: CTAF 122.9

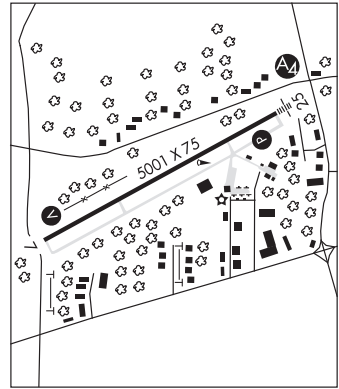
DETROIT

MCVILLE (See FREEPORT on page 275)

MEADVILLE

PORT MEADVILLE (GKJ)(KGKJ) 3 W UTC-5(-4DT) N41°37.59' W80°12.88'
 1399 B NOTAM FILE GKJ
RWY 07-25: H5001X75 (ASPH) S-12, D-60 MIRL
RWY 07: VASI(V4L)—GA 3.0° TCH 58'. Trees.
RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 41'.
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, VASI Rwy 07; PAPI Rwy 25 and MALS Rwy 25—CTAF.
AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Birds, deer and ground hogs on and invof arpt. Terminal building clsd major holidays. Call ahead to coordinate svc on holidays. Hrs 0800-1200 LOCAL on warm wx holidays (Memorial Day, 4th of July, Labor Day). Ldg fees vary, call arpt at 814-333-2677 for fee amounts.
AIRPORT MANAGER: 814-333-2677
WEATHER DATA SOURCES: ASOS 121.425 (814) 337-2590.
COMMUNICATIONS: CTAF/UNICOM 123.0
 Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†)
 Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 or call ZOB 440-774-0227 (0500-1100Z†)
CLNC DEL 124.95
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.
YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86' W80°40.48' 054° 27.3 NM to fld. 1159/5W. **HIWAS.**
 VOR unusable:
 015°-179° blo 5,000'
 180°-014° byd 25 NM blo 5,000'
LOC 108.5 I-GKJ Rwy 25.

DETROIT
 H-10H, L-30H
 IAP



MID ATLANTIC SOARING CENTER (See FAIRFIELD on page 274)

MID-STATE (See PHILIPSBURG on page 297)

MIFFLIN CO (See REEDSVILLE on page 305)

MIFFLINTOWN (P34) 2 N UTC-5(-4DT) N40°35.94' W77°24.34'

545 B NOTAM FILE IPT

RWY 08-26: H2627X50 (ASPH) LIRL

RWY 08: Thld dspcd 232'. Tree.

RWY 26: Trees.

SERVICE: LGT ACTIVATE rotating bcn, LIRL Rwy 08-26 and wind indicator lgts—CTAF.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 717-436-2725

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45' W76°53.04' 252° 26.4 NM to fld. 610/8W. **HIWAS.**

VOR portion unusable:

105°-115° byd 20 NM blo 3,000'

180°-195° blo 6,000'

180°-195° byd 30 NM blo 9,000'

196°-200° blo 9,000'

204°-209° blo 5,000'

210°-230° byd 35 NM blo 2,500'

250°-285° byd 10 NM blo 14,000'

TACAN azimuth decommissioned

DME portion unusable:

100°-115° byd 30 NM blo 3,000'

115°-170° byd 35 NM blo 2,900'

190°-300° byd 35 NM blo 3,500'

DETROIT

L-30J

IAP

MILTON N41°01.40' W76°39.92' NOTAM FILE IPT.

(L) **VORTACW** 109.2 MIP Chan 29 107° 10.6 NM to Bloomsburg Muni. 1000/9W.

NEW YORK

H-10H, L-30J

MODENA N39°55.08' W75°40.25' NOTAM FILE IPT.

(L) **VORTAC** 113.2 MXE Chan 79 052° 6.0 NM to Brandywine. 473/9W. **HIWAS.**

WASHINGTON

H-10I, L1, L-34G, A

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

MONONGAHELA

ROSTRAVER (FWQ)(KFWQ) 5 E UTC-5(-4DT) N40°12.58' W79°49.89'

1228 B NOTAM FILE AOO

RWY 08-26: H4002X75 (ASPH-GRVD) S-26, D-30 MIRL

RWY 08: REIL. VASI(V4R)—GA 3.0° TCH 51'. Trees.

RWY 26: REIL. VASI(V4L)—GA 3.0° TCH 48'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 08-26, REIL Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2300Z±. On call after hrs ctc 724-640-6349/6193/2409. Deer and birds on and invof arpt. Rwy 08 rgt tfc helicopter/ultralights. Rwy 26 Rgt tfc helicopter/ultralights.

AIRPORT MANAGER: 724-379-6980

WEATHER DATA SOURCES: AWOS-3 118.475 (724) 379-5815.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PITTSBURGH APP/DEP CON** 119.35

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72'

W80°02.45' 122° 10.5 NM to fld. 1285/9W. **HIWAS.**

VOR portion unusable:

036°-059° byd 10 NM blo 7,000'

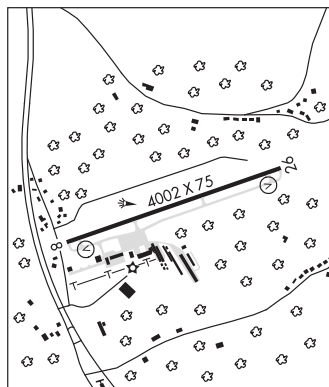
071°-175°

226°-261° byd 10 NM

DETROIT

L-29C

IAP



MONROEVILLE**PITTSBURGH—MONROEVILLE** (4GØ) 1 N UTC-5(-4DT) N40°27.16' W79°46.50'

DETROIT

1187 TPA—1987(800) NOTAM FILE AOO

RWY 05-23: H2280X28 (ASPH) 0.9% up NE**RWY 05:** Trees.**RWY 23:** Trees. Rgt tfc.**AIRPORT REMARKS:** Attended irregularly. Deer on and invof arpt. Rwy 05-23 extensive cracks and uneven patches and crumbling pavement. Rwy not maintained during winter months.**AIRPORT MANAGER:** 412-380-7059**COMMUNICATIONS:** CTAF 122.9**MONTOUR** N40°29.29' W80°11.64' NOTAM FILE PIT.

DETROIT

(L) VORTAC 112.0 MMJ Chan 57 284° 1.8 NM to Pittsburgh Intl. 1194/8W.

L-29C

VOR unusable:

272°-010°

RCO 122.1R 112.0T (ALTOONA RADIO)**MONTROSE****HUSKY HAVEN** (P32) 3 S UTC-5(-4DT) N41°47.34' W75°53.40'

NEW YORK

1670 NOTAM FILE IPT

RWY 10-28: 1900X100 (TURF)**RWY 28:** Brush.**AIRPORT REMARKS:** Unattended. For assistance call 516-790-9183. Ultralights on and invof arpt. Rwy 10-28 not plowed during winter months. Announce tfc on CTAF. Rwy 10-28 marked with tires painted white.**AIRPORT MANAGER:** 516-790-9183**COMMUNICATIONS:** CTAF 122.9**MORGANTOWN** (ØØ3) 1 E UTC-5(-4DT) N40°09.42' W75°52.23'

NEW YORK

600 NOTAM FILE IPT

RWY 10-28: 2500X100 (TURF) LIRL**RWY 10:** Thld dspclcd 435'. Pole.**SERVICE:** FUEL 100LL LGT ACTIVATE LIRL Rwy 10-28 and windsck lgts—CTAF 122.9. Rwy 10-28 marked with yellow tires and lgts, dspclcd thld Rwy 10 marked by lgt fixtures with yellow collars, 3 each side. Bcn inoperative indef.**AIRPORT REMARKS:** Attended irregularly. For fuel call 610-286-9055. Glider activity on arpt. Rwy 10-28; marked with yellow tires and lgts. Dspclcd thld Rwy 10 marked by lgt fixtures with yellow collars; 3 each side.**AIRPORT MANAGER:** 610-286-9055**COMMUNICATIONS:** CTAF 122.9**MOUNT JOY/MARIETTA****DONEGAL SPRINGS AIRPARK** (N71) 3 SW UTC-5(-4DT) N40°05.53' W76°34.46'

NEW YORK

458 B TPA—1258(800) NOTAM FILE IPT

L-29E, 34G, A

RWY 10-28: H3250X50 (ASPH) S-12.5 MIRL

IAP

RWY 10: Thld dspclcd 390'.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 10-28—CTAF. ACTIVATE bcn—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1300Z-2200Z†, Sat-Sun unattended. Parachute Jumping. Rwy 10 dspclcd thld bar 300' from rwy end, dspclcd thld lgts 390' from rwy end.**AIRPORT MANAGER:** 717-928-4360**COMMUNICATIONS:** CTAF/UNICOM 122.8

® HARRISBURG APP/DEP CON 126.45

CLNC DEL 127.05

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.**LANCASTER (T) VOR/DME** 117.3 LRP Chan 120 N40°07.20'

W76°17.48' 272° 13.1 NM to fld. 399/9W.

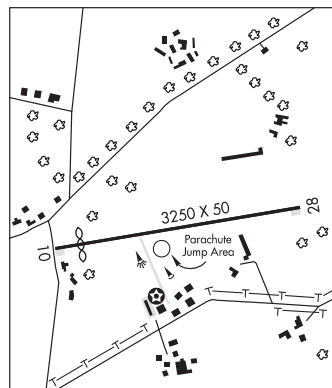
VOR unusable:

195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

MOUNT PLEASANT**MOUNT PLEASANT/SCOTSDALE** (P45) 3 S UTC-5(-4DT) N40°06.46' W79°32.59'

DETROIT

1160 NOTAM FILE AOO

RWY 06-24: 2158X135 (TURF) 2.8% up NE**RWY 06:** Crops.**RWY 14-32:** 1641X175 (TURF) 2.6% up SE**RWY 14:** Road.**RWY 32:** Trees.

AIRPORT REMARKS: Attended irregularly. Wildlife on and in/ovf rws. Extensive helicopter activity at adjacent heliport. Ultralight activity on and in/ovf arpt. Ultralight acft use 500' AGL rgt tfc pad for all rws. Rws unusable during spring thaw and wet periods. Rwy 14 road crosses centerline 90' out, angling to the left side of thld. Rwy 06-24 marked with yellow cones. Rwy 14-32 marked with yellow cones. Rwy 14-32 marked with NSTD flush black squares of conveyor belt pieces covered by grass. Rwy 06-24 marked with NSTD flush black squares of conveyor belt pieces covered by grass. Rwy 14-32 first 100' AER 32 has 5.5% gradient. Rwy 06-24 first 375' AER 06 has 7% gradient.

AIRPORT MANAGER: 814-442-1747**COMMUNICATIONS:** CTAF 122.9**W P H S HELIPORT** (P99) 3 S UTC-5(-4DT) N40°06.50' W79°32.89'

DETROIT

1090 NOTAM FILE AOO

HELIPAD H1: H74X74 (ASPH-CONC)**SERVICE:** S4 FUEL JET A

HELIPORT REMARKS: Attended Mon-Fri 1300-2200Z†. Seasonal crops located approximately 35' south of heliport. Helipad H1 conc touchdown pad 42' by 42', remainder of fldg area is asph. Fixed wing tfc adjacent at Mount Pleasant-Scottdale arpt. Helipad H1 ingress 320°-050°, egress 140°-230°.

AIRPORT MANAGER: 724-887-4410**COMMUNICATIONS:** CTAF 122.9**MOUNT POCONO****POCONO MOUNTAINS MUNI** (MPO)(KMPO) 2 NW UTC-5(-4DT) N41°08.26' W75°22.80'

NEW YORK

1915 B NOTAM FILE MPO

H-101, L-30K, 33A, 34H

RWY 13-31: H5001X75 (ASPH) S-30, D-45 MIRL

IAP

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Thld dsplcd 501'. Trees.**RWY 31:** REIL. PAPI(P2L)—GA 3.5° TCH 40'.**RWY 05-23:** H3999X100 (ASPH) S-30, D-45, 2D-70 MIRL

1.0% up NE

RWY 05: REIL. PAPI(P2L)—GA 4.0° TCH 43'. Trees.**RWY 23:** REIL. PAPI(P2L)—GA 4.0° TCH 53'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rws 05-23, MIRL Rwy 13-31, PAPI Rwy 05, Rwy 13, Rwy 23 and Rwy 31, and REIL Rwy 05, Rwy 13 and Rwy 23—CTAF. Rwy 31 VGSI and RNAV glidepath not coincident.

AIRPORT REMARKS: Attended Sep-Jun 1200-2200Z†, Jun-Sep 1200-0000Z†. For svc after hrs call 570-223-4790. 24 hr self svc 100LL avbl. Birds, deer and other wildlife on and in/ovf arpt. NS ABTMT procedures in effect, for details ctc arpt manager at 570-839-0258. Rwy 31 VFR departure: fly heading 310 till crossing interstate 380, then proceed on course avoiding overflight of homes southwest of Rwy 13-31.

AIRPORT MANAGER: (570) 223-4790**WEATHER DATA SOURCES:** ASOS 120.275 (570) 839-1584.**COMMUNICATIONS:** CTAF/UNICOM 122.7

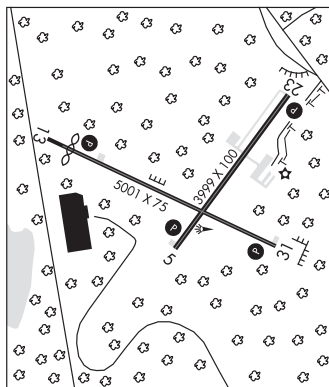
Ⓡ WILKES-BARRE APP/DEP CON 126.3

CLNC DEL 125.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP**WILKES-BARRE (L) VORTACW** 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 130° 16.2 NM to fld. 2119/10W.

VOR portion unusable:

290°-305° byd 15 NM bto 6,000'

COMM/NAV/WEATHER REMARKS: UNICOM 1300Z†-dusk daily. For Cinc Del ctc AVP Apch at 570-655-2084.

MUIR AAF (FORT INDIANTOWN GAP) (MUI)(KMUI) ARNG 6 N UTC-5(-4DT) N40°26.11' W76°34.12'

NEW YORK
L-301, 34G, A
DIAP

488 B TPA—See Remarks NOTAM FILE IPT Not insp.
RWY 07-25: H3978X98 (ASPH) PCN 24 F/B/W/T MIRL 0.5% up E
RWY 07: Thld dsplcd 349'. Rgt tfc.
RWY 25: PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 122'.

SERVICE: **MILITARY—LGT ACTIVATE**—PAPI Rwy 25—CTAF. **FUEL** J8 - PPR, 24 hr wkcd, 48 hr wkend, for fuel and prk thru ARNG OPS C717-861-8963, DSN 491-8963.

MILITARY REMARKS: Opr Jun—Aug Mon—Fri 1200-0600Z±, Sep—May Mon—Fri 1200-0500Z± excluding weekends and holidays. Open additional hrs for scheduled training. See FLIP AP/1 Supplementary Arprt Remark. Afd clsd on weekends and holidays. Any acft arriving or departing on weekends or holidays rqr prior approval. Access to afd is rstd when clsd. Contact Muir AAF ops at (717) 861-8963 DSN 491-8963. **RSTD** PPR 24 hr, call during normal duty hr. PPR all tran acft. Ctc OPS DSN 491-8963, C717-861-8963. **CAUTION** Rwy has gradual 30' rise from AER 07 to a point 2800' up rwy, rwy ends not mutually visible. Lgtd water twr 0.7 NM west and 0.5 NM south of afd. **TFC PAT** TPA fixed-wing, multi-engine 2000(1512), single-engine 1500(1012), rotary wing 1200(712). **MISC** Ltd parking. Wx 1200-0300Z± excluding weekend and holidays, other times ctc 15 OWS, Scott AFB, DSN 576-9755; 2 hr lead time rqrtd.

AIRPORT MANAGER: 717-861-8963

WEATHER DATA SOURCES: ASOS 124.175 (717) 861-6493. Dsn 491-6493.

COMMUNICATIONS: CTAF 126.2

TOWER 126.2 290.5 (1200-0500Z± Mon-Fri Jun-Aug; 1300-0500Z± Mon) **GND CON** 121.625 269.525 40.9

AIRSPACE: CLASS D svc 1200-0500Z± Mon-Fri Jun-Aug x Sat-Sun & holidays, 1300-0500Z± Mon-Fri Sep-May x Sat-Sun & holidays other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

BELLS GROVE NDB (MHW) 328 BZJ N40°26.16' W76°33.18' at fld. 518/10W.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc MDT Apch at 800-932-0712.

HELIPAD H1: H100X100 (CONC)

HELIPAD H2: H100X100 (CONC)

MYERSTOWN

DECK (9D4) 1 SW UTC-5(-4DT) N40°21.13' W76°19.78' 523 B NOTAM FILE IPT

NEW YORK
L-301, 34G, A
IAP

RWY 01-19: H3786X50 (ASPH) S-12 MIRL 0.3% up N
RWY 01: REIL. Tree.

RWY 19: REIL. Thld dsplcd 187'. Pole.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT ACTIVATE** MIRL Rwy 01-19, REIL Rwy 01 and 19, and rotating bcn—CTAF. Rwy 01 NSTD REIL, strobe lgts identify rwy ends. Rwy 19 NSTD REIL, strobe lgts identify rwy ends. Rwy 01-19 no amber caution lgts last half of rwy.

AIRPORT REMARKS: Attended 1200-0000Z±. Rwy 01-19 turn around area at dep end of Rwy 01 left side. Acft hangar 570' behind Rwy 01 thld and 212' left. Acft may be parked 57' behind Rwy 01 thld and 132' left. Hovering by large military helicopters is prohibited.

AIRPORT MANAGER: 717-866-4388

COMMUNICATIONS: CTAF/UNICOM 122.8

® **HARRISBURG APP/DEP CON** 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20' W76°35.96' 145° 17.3 NM to fld. 1750/11W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.



NEW CASTLE MUNI (UCP)(KUCP) 4 NW UTC-5(-4DT) N41°01.52' W80°24.81'
1070 B NOTAM FILE AOO

DETROIT
L-30H
IAP

RWY 05-23: H3995X75 (ASPH) S-12.5 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 13-31: H2745X100 (ASPH) S-12.5 2.0% up SE

RWY 13: PAPI(P2L)—GA 3.0° TCH 19'. Trees.

RWY 31: PAPI(P2L)—GA 3.0° TCH 22'. Thld dsplcd 108'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 05-23 PAPI Rwy 05, Rwy 23, Rwy 13, and Rwy 31, REIL Rwy 05 and Rwy 23—CTAF.

AIRPORT REMARKS: Attended 1330-2200Z†. Deer on and invof arpt.

AIRPORT MANAGER: (724) 652-5546

WEATHER DATA SOURCES: AWOS-3PT 124.175 (724) 652-4184.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 or call ZOB 440-774-0226 (0500-1100Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86'

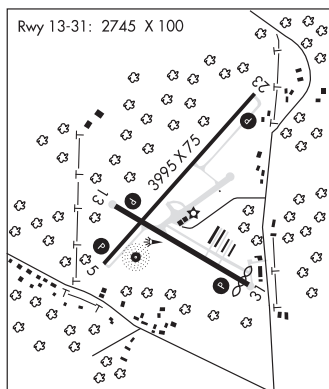
W80°40.48' 152° 21.8 NM to fld. 1159/5W. **HIWAS.**

VOR unusable:

015°-179° blo 5,000'

180°-014° byd 25 NM blo 5,000'

CASTLE NDB (MHW) 272 UCP N41°01.38' W80°24.95' at fld. 1110/9W. NOTAM FILE AOO.



NEW GARDEN (See TOUGHKENAMON on page 312)

NEWRY

BLUE KNOB VALLEY (7G4) 1 W UTC-5(-4DT) N40°23.79' W78°27.22'

DETROIT

1270 NOTAM FILE AOO

RWY 11-29: 3415X89 (GRVL)

RWY 11: Thld dsplcd 300'. Trees.

RWY 29: Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended irregularly. Rwy 11-29 sfc is rolled slate. Rwy 11 dsplcd thld marked with yellow L's each side. Rwy 11-29 dimensions marked with yellow barrels. Arpt surrounded by mountains. Loose stones and tall grass on rwy, twy and ramp.

AIRPORT MANAGER: 814-695-7705

COMMUNICATIONS: CTAF/UNICOM 122.8

NORTH PHILADELPHIA N40°04.92' W75°00.57' NOTAM FILE PNE.

NEW YORK
L-34G, A

(T) **VORW** 112.0 PNE at Northeast Philadelphia. 106/10W.

VOR unusable:

061°-090° byd 9 NM blo 6,000'

091°-199°

246°-330° byd 6 NM blo 6,000'

331°-355°

RCO 122.2 122.6 (WILLIAMSPORT RADIO)

NORTHEAST PHILADELPHIA (See PHILADELPHIA on page 294)

NORTHUMBERLAND CO (See SHAMOKIN on page 307)

PALMYRA

REIGLE FLD (58N) 2 S UTC-5(-4DT) N40°17.21' W76°34.62'

489 B NOTAM FILE IPT

RWY 13-31: H1955X40 (ASPH) S-12.5 LIRL(NSTD)

RWY 31: Thld dspclcd 300'.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 13-31 and rotating bcn—CTAF. Rwy 13 first 110' unlgtd, Rwy 31 first 60' unlgtd, 1780' of rwy lgtd. NSTD LIRL, lghts located 125' left and right of centerline. Rwy 31 dspclcd thld identified at ngt by one green lgt each side of rwy.

AIRPORT REMARKS: Attended 1400-2200Z†.

AIRPORT MANAGER: 717-838-5519

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **HARRISBURG APP/DEP CON** 118.25 (001°-079°) 126.45 (080°-210°) 124.1 (211°-000°)

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (T) VOR/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' 316° 16.5 NM to fld. 399/9W.

VOR unusable:

195°-273° byd 21 NM blo 9,000'

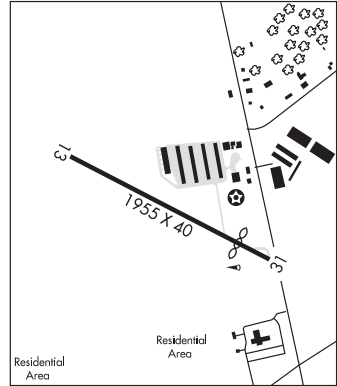
DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

NEW YORK
L-34G
IAP



PENN VALLEY (See SELINGSGROVE on page 306)

PENN'S LANDING HELIPORT (See PHILADELPHIA on page 294)

PENNRIDGE (See PERKASIE on page 293)

PENNS CAVE (See CENTRE HALL on page 265)

PENUE N40°54.62' W77°44.50' NOTAM FILE UNV.
NDB (LOM) 388 UN 244° 6.0 NM to University Park.

DETROIT

PERKASIE

PENNRIDGE (CKZ)(KCKZ) 1 N UTC-5(-4DT) N40°23.35' W75°17.43'

568 B TPA—See Remarks NOTAM FILE IPT

RWY 08-26: H4211X100 (ASPH-PFC) D-26 MIRL 1.1% up E

RWY 08: PAPI(P2L)—GA 3.78° TCH 20'. Thld dspclcd 266'. Trees.

RWY 26: PAPI(P2L)—GA 4.0° TCH 28'. Thld dspclcd 351'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE PAPI Rwy 08 and Rwy 26, MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Attended dalgt hrs. For svc after hrs ctc 267-718-4254 or 812-592-2704. Parachute Jumping. Occasional deer and wild turkeys invof rwy. Skydiving act daily dawn to dusk. Rwy 08-26 clsd to touch and go ldgs. TPA for light acct 1368(800), TPA for turbo prop and jets 1768(1200).

AIRPORT MANAGER: 215-257-0166

WEATHER DATA SOURCES: AWOS-3 800.325 (215) 257-7291.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PHILADELPHIA APP/DEP CON** 123.8

CLNC DEL 118.55 (TF 800-354-9884)

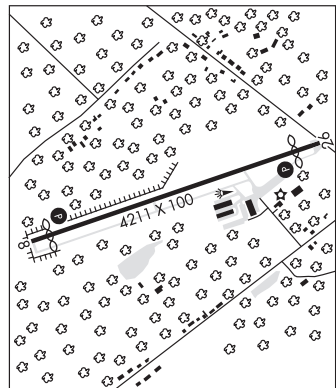
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 131° 21.4 NM to fld. 742/9W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

NEW YORK
L-33A, 34G, A
IAP



PERKIOMEN VALLEY (See COLLEGEVILLE on page 267)

PHILADELPHIA

NORTHEAST PHILADELPHIA (PNE)(KPNE) 10 NE UTC-5(-4DT) N40°04.92' W75°00.64'

NEW YORK

H-101, 121, L-34G, A
IAP, AD

120 B TPA—See Remarks LRA NOTAM FILE PNE

RWY 06-24: H7000X150 (ASPH-GRVD) S-60, D-90, 2S-114 HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 57'. Trees.

RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 52'. Trees.

RWY 15-33: H5000X150 (ASPH-GRVD) S-40, D-55 MIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Trees.

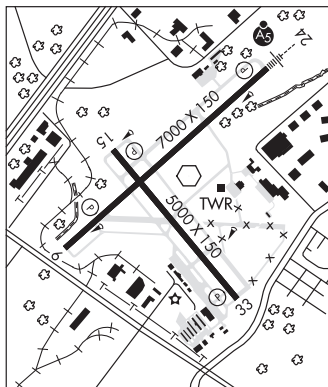
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 24	15-33	4150
RWY 33	06-24	3600

SERVICE: S4 FUEL 100LL, JET A OX 1, 3, 4 LGT When twr clsd HIRL
Rwy 06-24 preset on medium ints, ACTIVATE MALSR Rwy 24—CTAF 126.9.

AIRPORT REMARKS: Attended continuously. Arpt CLOSED to Part 121 air carrier and Part 135 scheduled svc. Deer and birds on and invof arpt. Be alert, 3 large brightly lit jumbotron signs aprx 3 miles northeast of AER 24. These signs may cause visual illusions dur an apch or missed apch. Pilots be advised. Be alert for arpt vehicles when twr clsd. No mill practice apchs without prior apvl. Rwy 06-24 safety areas work in progress mowing wkdays, Rwy 15-33 safety areas work in progress mowing wkdays. Twy all safety areas work in progress mowing wkdays. TPA acft less than 12,500 lbs 1119(999), acft 12,500 lbs or more and all turbojet and turbine powered acft 1619(1499), rotary wing acft 919(799). Turbojet acft are confined to full length Rwy 06-24 unless strong winds dictate otherwise. Rwy 15 is noise sensitive. Rwy 15 arrivals are req to fly at or abv glide path. Ldg fee. CBP user fee arpt, 24 hr PPR by calling 215-594-4272 or 215-594-4141.



AIRPORT MANAGER: 215-937-7968

WEATHER DATA SOURCES: ASOS (215) 677-0146

COMMUNICATIONS: CTAF 126.9 ATIS 121.15 UNICOM 122.95

NORTH PHILADELPHIA RCO 122.2 122.6 (WILLIAMSPORT RADIO)

Ⓡ **APP/DEP CON** 123.8

TOWER 126.9 (1100-0400Z±) **GND CON** 121.7 **CLNC DEL** 127.25 (800-354-9884)

AIRSPACE: CLASS D svc 1100-0400Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 215° 11.3 NM to fld. 294/10W.

VOR portion unusable:

020°-040°

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

300°-353° blo 5,000'

DME portion unusable:

225°-275° byd 25 NM blo 5,000'

VOR/DME unusable:

178 byd 5 NM

230°-238° byd 8 NM blo 3,000'

NORTH PHILADELPHIA (T) VORW 112.0 PNE N40°04.92' W75°00.57' at fld. 106/10W. NOTAM FILE PNE.

VOR unusable:

061°-090° byd 9 NM blo 6,000'

091°-199°

246°-330° byd 6 NM blo 6,000'

331°-355°

ILS 111.1 I-PNE Rwy 24. Class IA. Unmonitored when ATCT closed. Localizer backcourse unusable byd 15° left and right side of course. Localizer backcourse unusable within 1.2 NM fm thld.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr. For Clnc Del when ATCT is clsd ctc PHL Apch at 757-363-5864.

PENN'S LANDING HELIPORT (P72) 0 N UTC-5(-4DT) N39°56.24' W75°08.48'

WASHINGTON

15 B NOTAM FILE IPT

HELIPAD H1: H68X68 (ASPH) RWY LGTS(NSTD)

SERVICE: FUEL JET A LGTACTIVATE NSTD perimeter lgts—123.025. Helipad H1 green lgts on east and south sides only.

HELIPORT REMARKS: Attended Mon-Fri 1300-2300Z±. For attendance on weekends/holidays call 215-271-2510. H1 ingress 230°/310°, egress 050°/130°. Rwy H1 shallow sfc depressions. Lgtd bldg 660' north of pad. Ldg fee.

AIRPORT MANAGER: 215-271-2510

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

PHILADELPHIA INTL (PHL)(KPHL) 5 SW UTC-5(-4DT) N39°52.33' W75°14.44'

WASHINGTON

36 B LRA Class I, ARFF Index E NOTAM FILE PHL

H-101, 121, L-34G, A

RWY 09R-27L: H12000X200 (ASPH-GRVD) S-200, D-210, 2D-350

IAP, AD

PCN 60 F/A/X/T HIRL CL

RWY 09R: ALSF2. TDZL. RVR-TMR Tree.

RWY 27L: MALSR. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR Thld dspcd 1913'. Boat.

RWY 09L-27R: H9500X150 (ASPH-GRVD) S-100, D-210, 2D-350

PCN 60 F/A/X/T HIRL CL

RWY 09L: MALSR. REIL. RVR-TM

RWY 27R: MALSR. PAPI(P4L)—GA 3.0° TCH 81'. RVR-TM Boat.

RWY 17-35: H6501X150 (ASPH-GRVD) S-100, D-170, 2S-175,

2D-300 PCN 27 F/A/X/T HIRL

RWY 17: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T Tree.

RWY 35: REIL. PAPI(P4L)—GA 3.15° TCH 55'. RVR-T Boat.

RWY 08-26: H5000X150 (ASPH-GRVD) D-145 PCN 27 F/A/X/T

HIRL CL 0.5% up E

RWY 08: RVR-TR Bldg.

RWY 26: MALSR. PAPI(P4R)—GA 3.15° TCH 50'. RVR-TR Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 09L: TORA-9500 TODA-9500 ASDA-9500 LDA-9500

RWY 09R: TORA-10506 TODA-10506 ASDA-10506 LDA-10506

RWY 17: TORA-6501 TODA-6501 ASDA-6501 LDA-6501

RWY 26: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 27L: TORA-10506 TODA-10506 ASDA-10331 LDA-10331

RWY 27R: TORA-9500 TODA-9500 ASDA-9500 LDA-8864

RWY 35: TORA-6501 TODA-6501 ASDA-6501 LDA-6501

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 26 PAPI unusable byd 8° right of cntrn.

AIRPORT REMARKS: Attended continuously. Birds on and infov arpt. Arpt is lctd in a noise sensitive area. Arpt NS ABTMT tkf procedures are to be used. Unlgt'd stack 288' MSL (271' AGL) 2.3 NM southwest of arpt. TCAS equipped acft, TCAS alert may be caused by transponder equipped ships lctd PHL Naval Base 3 NM east. Rwy 26, Rwy 27L, Rwy 27R, and Rwy 35 ship channel (Delaware River) max height of ships 189'. Rwy 26 ship channel (Schuylkill) max height of ships 149'. Possible unmarked ship obst transiting east or westbound along the Delaware River reaching heights of 189', be alert when apch PHL Rwy 35 and whenever circling or visually apch all other rwys. Pilots can exp to exit and re-enter the PHL Class B airspace dur moderate to heavy arrival periods. Rwy 09R rollout RVR used for Rwy 09L midpoint RVR. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Only nose-in parking permitted on North remote aprons. PPR from arpt ops for all acft parking on North remote aprons, ctc 215-937-6914/6800. Land Rwy 26, tkf Rwy 08. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Continuous Power Facilities.

AIRPORT MANAGER: 215-937-6914

WEATHER DATA SOURCES: ASOS (215) 492-9617 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 133.4 D-ATIS DEP 135.925 UNICOM 122.95

Ⓡ APP CON 123.8 (001°-089° at or bto 5000') 126.85 (270°-360° at or bto 5000') 127.35 (090°-269° at or bto 5000') 128.4 (270°-089° abv 5000') 133.875 (090°-269° 8000'-6000')

Ⓡ DEP CON 119.75 (090°-269°) 124.35 (270°-089°)

TOWER 118.5 (Rwys 09L-27R, 17-35, 08-26) 135.1 (Rwy 09R-27L) **GND CON** 121.65 121.9

CLNC DEL 118.85

CPDLC (LOGON KPHL)

AIRSPACE: CLASS B See VFR Terminal Area Chart



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

VOR TEST FACILITY (VOT) 109.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.42' 065° 20.6 NM to fld. 70/10W.

TACAN AZIMUTH & DME unusable:

040°-100° byd 25 NM blo 5,000'

210°-235° byd 30 NM blo 3,000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5,000'

310°-320° byd 35 NM blo 4,000'

VOR unusable:

025°-039° byd 25 NM

025°-039° byd 5 NM blo 10,000'

040°-120° byd 25 NM blo 4,000'

125°-225° blo 10,000'

225°-230° byd 15 NM blo 3,000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8,000'

300°-315° byd 35 NM blo 3,000'

355°-005° blo 3,000'

355°-005° byd 15 NM blo 4,000'

355°-005° byd 25 NM

ILS/DME 108.95 I-VII Chan 26(Y) Rwy 09L. Class IB. DME also serves Rwy 27R.

ILS/DME 109.3 I-PHL Chan 30 Rwy 09R. Class IIIE. DME also serves Rwy 27L.

ILS/DME 108.75 I-MYY Chan 24(Y) Rwy 17. Class IT. LOC unusable byd 15° left of course.

ILS/DME 111.55 I-LLH Chan 52(Y) Rwy 26.

ILS/DME 109.3 I-GLC Chan 30 Rwy 27L. Class IA. ILS unusable inbound from 0.6 NM to thld.

ILS/DME 108.95 I-PDP Chan 26(Y) Rwy 27R. Class IIE. DME installed on Rwy 09L serves rws 09l and 27r.

COMM/NAV/WEATHER REMARKS: Dual VHF comm rqr for Simultaneous Close Parallel ILS PRM apchs. Rwy 26 monitor 123.6 and Rwy 27L monitor 120.425.

WINGS FLD (LOM)(KLOM) 3 NW UTC-5(-4DT) N40°08.25' W75°15.91'

302 B TPA-1502(1200) NOTAM FILE LOM

RWY 06-24: H3700X75 (ASPH) S-12.5 MIRL 0.6% up SW

RWY 06: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Thld dsplcd 177'. Tree.

RWY 24: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE MIRL Rwy

06-24, PAPI Rwy 06 and Rwy 24 and REIL Rwy 06 and Rwy

24-CTAF.

AIRPORT REMARKS: Attended 1100-0300Z†. For svc after hrs ctc

215-646-0400. Deer and large flocks of geese on and invof arpt. PPR

all acft exceeding 12,500 lbs max tkf gross weight or abv, call

215-646-0400. NS ABTMT Rwy 06 and 24, no turns after tkf before

1000' AGL. Avoid overflight of schools east and west of arpt.

AIRPORT MANAGER: 215-646-0400

WEATHER DATA SOURCES: AWOS-3 118.925 (215) 646-1068.

COMMUNICATIONS: CTAF/UNICOM 123.0

® PHILADELPHIA APP/DEP CON 126.85

CLNC DEL 118.55 (800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08'

W75°40.25' 064° 22.9 NM to fld. 473/9W. HIWAS.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

AMBLER NDB (MHW) 275 ING N40°07.56' W75°17.11' 065° 1.2 NM to fld. 12W.

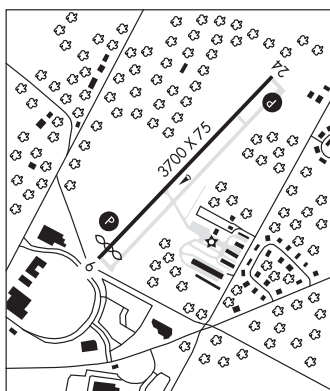
ots indef

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

NEW YORK

L-34G, A

IAP



PHILADELPHIA SPB (See ESSINGTON on page 273)

PHILIPSBURG**ALBERT** (1N3) 5 N UTC-5(-4DT) N40°58.30' W78°14.58'**DETROIT**

1784 NOTAM FILE AOO

RWY 11-29: 3350X125 (TURF-GRVL) 0.5% up W**RWY 11:** Thld dspcd 750'. Trees.**RWY 29:** Thld dspcd 200'. Trees.**AIRPORT REMARKS:** Unattended. Arpt CLOSED Nov-Mar annually. Birds, deer and ground hogs on and infov arpt. Ultralight ops on and infov arpt. Rwy 11-29 shale and turf. Rwy 11-29 edges marked with yellow cones. Rwy 11 and Rwy 29 dspcd thld marked with red barrels.**AIRPORT MANAGER:** 814-345-5920**COMMUNICATIONS:** CTAF 122.9**MID-STATE** (PSB)(KPSB) 8 E UTC-5(-4DT) N40°53.06' W78°05.24'**DETROIT**

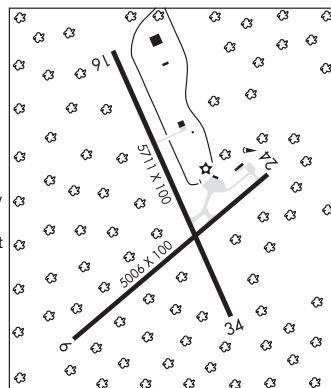
1948 B NOTAM FILE AOO

H-10H, 12I, L-30I**RWY 16-34:** H5711X100 (ASPH) S-48, D-60, 2D-90 MIRL**IAP**

0.5% up NW

RWY 16: Trees.**RWY 34:** Trees.**RWY 06-24:** H5006X100 (ASPH) S-48, D-60, 2D-90 MIRL

1.0% up NE

RWY 06: Trees.**RWY 24:** Trees.**SERVICE:** LGT ACTIVATE MIRL Rwy 06-24 and Rwy 16-34
CTAF-122.9.**AIRPORT REMARKS:** Unattended. Deer on and infov arpt. Heavy glider activity during dalgt hrs, all alts, on and infov arpt and within 15 NM east and south of arpt. Rwy 16-34 asph crumbling in middle of rwy causing slight pothole and FOD.**AIRPORT MANAGER:** 814-342-3897**WEATHER DATA SOURCES:** AWOS-3 127.525 (814) 343-4531. Ots indef.**COMMUNICATIONS:** CTAF 122.9**PHILIPSBURG RCO** 122.5 122.6 (ALTOONA RADIO)**RCO** 122.1R 115.5T (ALTOONA RADIO)**NEW YORK CENTER APP/DEP CON** 134.8**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**PHILIPSBURG (H) VORTAC** 115.5 PSB Chan 102 N40°54.98' W77°59.56' 256° 4.7 NM to fld. 2443/10W.**PICTURE ROCKS** N41°16.62' W76°42.61' NOTAM FILE IPT.**NEW YORK****NDB (MHW)** 344 PIX 267° 9.8 NM to Williamsport Rgnl. 649/9W.**L-30J**

PITTSBURGH

ALLEGHENY CO (AGC)(KAGC) 4 SE UTC-5(-4DT) N40°21.27' W79°55.74'

1252 B LRA NOTAM FILE AGC

RWY 10-28: H6501X150 (CONC-GRVD) S-90, D-120, 2S-152,
2D-210 HIRL

RWY 10: REIL. VASI(V4L)—GA 3.0° TCH 47'. RVR-R

RWY 28: MALS. RVR-T Trees.

RWY 13-31: H3825X100 (CONC-GRVD) S-20, D-22 HIRL

RWY 13: REIL.

RWY 31: REIL.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 10	13-31	3250

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt.
Uneven pavement intersection Rwys 10-28 and Twy G. Ldg fee for acct
5,000 lbs and abv to include all helicopters.

AIRPORT MANAGER: (412) 466-4327

WEATHER DATA SOURCES: ASOS (412) 466-8968 HIWAS 110.0 AGC.

COMMUNICATIONS: ATIS 120.55 UNICOM 122.95

RCO 122.2 (ALTOONA RADIO)

RCO 122.1R 110.0T (ALTOONA RADIO)

® **PITTSBURGH APP/DEP CON** 119.35

TOWER 121.1 **GND CON** 121.7

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

(L) **VOR/DME** 110.0 AGC Chan 37 N40°16.72' W80°02.45' 057° 6.9 NM to fld. 1285/9W. **HIWAS.**

VOR portion unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

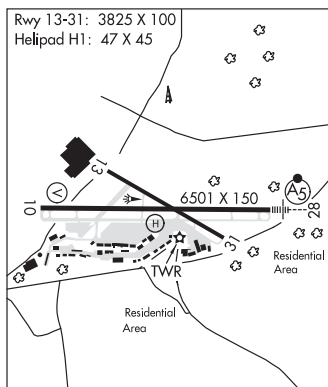
ILS 109.1 I-SAQ Rwy 10. Class IE. Unmonitored.

ILS 109.1 I-AGC Rwy 28. Localizer offset angle 1.98 deg.

HELIPAD H1: H47X45 (CONC)

HELIPORT REMARKS: Heliport H1 located on general aviation apron E of Twy C.

DETROIT
H-10H, 12I, L-29C
IAP, AD



PITTSBURGH INTL (PIT)(KPIT) P (AFRC ANG) 12 NW UTC-5(-4DT) N40°29.49' W80°13.96'
 1203 B LRA Class I, ARFF Index D NOTAM FILE PIT

DETROIT
 H-10H, 12I, L-29C
 IAP, AD

RWY 10R-28L: H11500X200 (CONC-GRVD) S-100, D-225, 2D-350
 PCN 80 R/B/X/T HIRL CL

RWY 10R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Trees.

RWY 28L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR Trees. 0.3% up.

RWY 10C-28C: H10775X150 (ASPH-CONC-GRVD) S-100, D-149, 2D-260 PCN 68 R/B/X/T HIRL CL

RWY 10C: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TMR Thld dsplcd 465'.

RWY 28C: TDZL. PAPI(P4L)—GA 3.0° TCH 43'. RVR-TMR Thld dsplcd 602'.

RWY 10L-28R: H10502X150 (ASPH-CONC-GRVD) S-100, D-225, 2D-400 PCN 65 R/B/X/T HIRL CL

RWY 10L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 83'. RVR-TMR Trees. 0.5% down.

RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Tree.

RWY 14-32: H8101X150 (CONC-GRVD) S-100, D-225, 2D-410 PCN 71 R/B/X/T HIRL CL

RWY 14: PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Pole. 0.5% down.

RWY 32: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. RVR-TMR Thld dsplcd 335'. Trees. 0.3% up.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10C:TORA-10774 TODA-10774 ASDA-10172 LDA-9707

RWY 10L:TORA-10502 TODA-10502 ASDA-10502 LDA-10502

RWY 10R:TORA-11500 TODA-11500 ASDA-11492 LDA-11492

RWY 14: TORA-8101 TODA-8101 ASDA-7366 LDA-7366

RWY 28C:TORA-10774 TODA-10774 ASDA-10309 LDA-9707

RWY 28L:TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 28R:TORA-10502 TODA-10502 ASDA-10102 LDA-10102

RWY 32: TORA-8101 TODA-8101 ASDA-7801 LDA-7466

SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rwy 32 VGS1 and ILS glidepath not coincident. Rwy 10L ALSF2 and SSALR is a dual mode sys and ctl by twr and remote monitored. **MILITARY—JASU** (ANG) - (A/M32A-86) (AM32-95); (AFRC) - 2(A/M32A-86) (AM32-95) **FUEL** A, A+ (C412-472-6700, 1000-0400Z); After hr, 2 hr PPR and call out fee of \$250 per occurrence for any delivery in excess of 5000 gal; Call C412-906-8772.) A++ Provided by ANG and AFRC.(Mil) (NC-100LL) **FLUID** LPOX LHNIT **OIL** O-156 **TRAN ALERT** No priority basis.

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ov arpt. Twr is authorized to have acct line up and wait on Rwy 28L at Twy P dur hrs of darkness. The specific rwy shall be used only for dep and the int must be visible from twr. All jets dep Rwy 28R must be aligned with rwy prior to applying tkf power. Acft using Twy N prohibited to stop on overpass area due to possible emerg evacuation haz. Terminal taxilanes east of concourses A and B rstd to group 3 acft and smaller. Twy G int at Rwy 10L-28R rgt turn not allowed. ASSC in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Ldg fee. NOTE: See Special Notices—Intersection Departures During Period of Darkness, and Continuous Power Facilities.

AIRPORT MANAGER: (412) 472-3509

WEATHER DATA SOURCES: ASOS (412) 472-0145 TDWR.

COMMUNICATIONS: D-ATIS ARR 127.25 D-ATIS DEP 135.9 UNICOM 122.95

MONTOUR RCO 122.1R 112.0T (ALTOONA RADIO)

Ⓡ **APP CON** 124.15 (001°-090°) 123.95 (091°-180°) 133.7 (181°-270°) 121.25 (271°-360°)

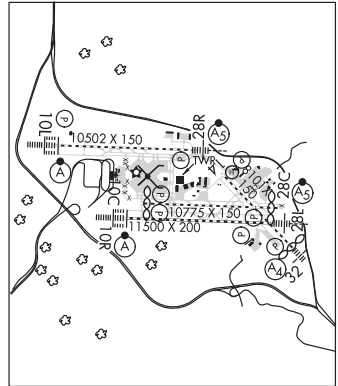
TOWER 119.1 (Rwy 10R-28L) 128.3 (Rwy 10L-28R) 135.025 (Rwys 10C-28C and 14-32)

CLNC DEL 126.75 **PRE-TAXI CLNC** 126.75 **GND CON** 121.9 (South) 127.8 (North)

Ⓡ **DEP CON** 119.35 (South) 124.75 (North) 125.275

CPDLC (LOGON KPIT)

AIRSPACE: CLASS B See VFR Terminal Area Chart



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.

MONTOUR (L) VORTAC 112.0 MMJ Chan 57 N40°29.29' W80°11.64' 284° 1.8 NM to fld. 1194/8W.

VOR unusable:

272°-010°

ILS 111.7 I-LXB Rwy 10L. Class IIIE.

ILS 108.9 I-GUT Rwy 10R. Class IIIE.

ILS 108.9 I-PFS Rwy 28L. Class "IT".

ILS 111.7 I-HFE Rwy 28R. Class IIE.

ILS/DME 111.3 I-TQW Chan 50 Rwy 32. Class IE. Glideslope Monitor.

COMM/NAV/WEATHER REMARKS: Terminal apron ctf freq are 130.77 for north apron, 131.37 for south apron.

.

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Heliport H1 lctd on Twy N north of Twy N4.

PITTSBURGH NORTHEAST (9G1) 12 NNE UTC-5(-4DT) N40°36.21' W79°49.57' **DETROIT**

1063 NOTAM FILE AOO

L-29C

RWY 17-35: H3550X100 (ASPH) HIRL

RWY 17: Trees.

RWY 35: Trees.

SERVICE: LGT Rwy 17-35 HIRL OTS indef. Arpt lighting inoperative indef.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. Arpt CLOSED for ngt ops. Unattended Federal holidays. Rwy construction in progress. PAEW adjacent to Rwy 17-35. PAEW indef operation of construction equipment 519' from Rwy 35 thld, construction training site. Tie down ropes not supplied.

AIRPORT MANAGER: (724) 265-1144

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.

MONTOUR (L) VORTAC 112.0 MMJ Chan 57 N40°29.29' W80°11.64' 076° 18.2 NM to fld. 1194/8W.

VOR unusable:

272°-010°

PITTSBURGH-MONROEVILLE (See MONROEVILLE on page 289)**PITTSFIELD****BROKENSTRAW** (P15) 1 E UTC-5(-4DT) N41°49.98' W79°21.64' **DETROIT**

1230 B NOTAM FILE AOO

RWY 09-27: 3650X100 (TURF) LIRL 0.3% up W

RWY 09: Thld dsplcd 510'. Pole.

RWY 27: Thld dsplcd 685'. Brush. Rgt tfc.

SERVICE: S2 FUEL 100LL LGT ACTIVATE LIRL Rwy 09-27-122.8. For rotating bcn call 814-563-3166 or 4949.

AIRPORT REMARKS: Attended dalgt hrs. Deer and geese on and invof rwy. Extensive glider ops weekends. Rwy soft during spring thaw. Rwy 09 520' terrain 2400' south, Rwy 27 370' terrain 3600' east. Rapidly rising terrain south of the arpt. Rwy 09-27 marked with yellow cones and lgts. 42' p-line paralleling rwy approximately 215' south of rwy centerline, p-line marked with orange spheres.

AIRPORT MANAGER: 814-563-3166

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For IFR clearance ctc CLEVELAND ARTCC (ZOB) 127.075 or call 440-774-0227 from 0500-1100Z†.

POCONO MOUNTAINS MUNI (See MOUNT POCONO on page 290)-----
PORT MEADVILLE (See MEADVILLE on page 287)

POTTSTOWN

HERITAGE FLD (PTW)(KPTW) 3 E UTC-5(-4DT) N40°14.37' W75°33.40'

308 B NOTAM FILE PTW

RWY 10-28: H3371X75 (ASPH) MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Thld dspcd 190'. Tree.
Rgt tfc.SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE rotating bcn—122.7.
ACTIVATE MIRL Rwy 10-28—122.7.AIRPORT REMARKS: Attended Mon-Fri 1100-0300Z‡, Sat-Sun
1200-2300Z‡. Birds and deer on and invof arpt. Lgtd and marked 507'
AGL (769' MSL) stack 6000' west of Rwy 10. Ldg fee.

AIRPORT MANAGER: (610) 495-7000

WEATHER DATA SOURCES: ASOS 119.425 (610) 495-0823.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.1R 116.5T (WILLIAMSPORT RADIO)

® PHILADELPHIA APP/DEP CON 126.85 (800-354-9884)

CLNC DEL 118.55 (TF 800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

POTTSTOWN (L) VORTAC 116.5 PTW Chan 112 N40°13.33'
W75°33.62' 018° 1.1 NM to fld. 285/9W.

VOR portion unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-319° byd 10 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

TACAN AZUMUTH & DME unusable:

241°-286° byd 30 NM blo 5,500'

TACAN azimuth OTS indef

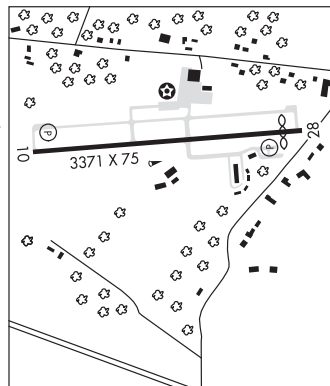
LOC 108.3 I-PTW Rwy 28.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

NEW YORK

L-34G, A

IAP



POTTSTOWN MUNI (N47) 2 NW UTC-5(-4DT) N40°15.62' W75°40.25'

256 B TPA-1512(1256) NOTAM FILE IPT

RWY 08-26: H2704X75 (ASPH) S-12 MIRL 0.4% up SW

RWY 08: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Thld dspcd 380'. Tree.

RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 30'. Tree.

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE MIRL Rwy

08-26, REIL Rwy 08 and Rwy 26—CTAF. Rwy 08 PAPI OTS indef.

AIRPORT REMARKS: Attended 1400-2200Z†. For svc after hrs ctc arpt manager 484-425-6078. Wildlife on and invof arpt.

AIRPORT MANAGER: (610) 495-6366

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PHILADELPHIA APP/DEP CON 126.85

CLNC DEL 118.55

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) **VORTAC** 116.5 PTW Chan 112 N40°13.33'

W75°33.62' 303° 5.6 NM to fld. 285/9W.

VOR portion unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-319° byd 10 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

TACAN AZUMUTH & DME unusable:

241°-286° byd 30 NM blo 5,500'

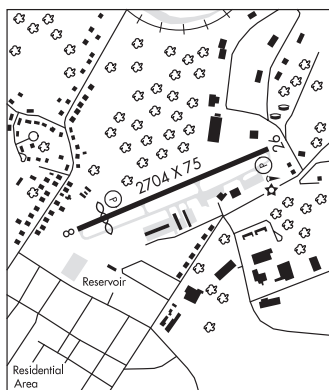
TACAN azimuth OTS indef

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

NEW YORK

L-30K, 34G, A

IAP



POTTSTOWN N40°13.33' W75°33.62' NOTAM FILE PTW.

(L) **VORTAC** 116.5 PTW Chan 112 018° 1.1 NM to Heritage Fld. 285/9W.

VOR portion unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-319° byd 10 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

TACAN AZUMUTH & DME unusable:

241°-286° byd 30 NM blo 5,500'

TACAN azimuth OTS indef

RCO 122.1R 116.5T (WILLIAMSPORT RADIO)

NEW YORK

H-10I, L-34G

POTTSVILLE

SCHUYLKILL CO /JOE ZERBEY (ZER)(KZER) 8 W UTC-5(-4DT) N40°42.39' W76°22.39'

NEW YORK
L-30J
IAP

1729 B TPA—2500(771) NOTAM FILE IPT
RWY 11-29: H4599X75 (ASPH) S-21 MIRL 0.5% up W
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Brush.
RWY 04-22: 2270X140 (TURF) 0.3% up NE
RWY 22: Thld dspclcd 200'. Trees.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF. Rwy 11 and Rwy 29 PAPI on continuously.

AIRPORT REMARKS: Attended Mon-Fri 1230-2200Z, Sat-Sun on call. For svc after hrs 570-617-6002. AVGAS self serve with credit card. JET A self serve with credit card. GPU avbl for AC/DC power. Deer on and invof arpt. Rwy 04-22 not maintained winter months. Obstruction dragline 200' AGL .5 NM Rwy 11-29. Rwy 04-22 edge and dspclcd thld marked with orange cones.

AIRPORT MANAGER: 570-544-6002

WEATHER DATA SOURCES: AWOS-3 127.57 (570) 544-2778.

COMMUNICATIONS: CTAF/UNICOM 123.075

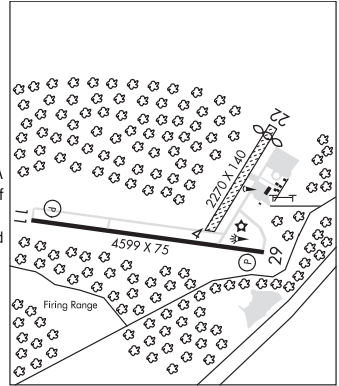
RAVINE RCO 122.1R 114.6T (WILLIAMSPORT RADIO)

® **HARRISBURG APP/DEP CON** 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20' W76°35.96' 059° 13.8 NM to fld. 1750/11W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.



PUNXSUTAWNEY MUNI (N35) 3 NE UTC-5(-4DT) N40°58.00' W78°55.80'

DETROIT
L-30I
IAP

1439 B NOTAM FILE AOO
RWY 06-24: H3003X50 (ASPH) S-12.5 MIRL 0.9% up NE
RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Trees.
RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Road.
RWY 01-19: 2026X100 (TURF) MIRL
RWY 01: REIL. Trees.
RWY 19: REIL. Road.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 01-19, REIL Rwy 06, Rwy 24, PAPI Rwy 06, Rwy 24, MIRL Rwy 06-24 —CTAF.

AIRPORT REMARKS: Unattended. For svc after hrs ctc 814-590-1137. Fuel self-serve with credit card. Birds, deer and woodchuck on and invof arpt. Rwy 01-19 clsd Nov-Apr due to inclement wx. Rwy 19 22' road 146' from rwy end across centerline. 56' stack east of Rwy 06.

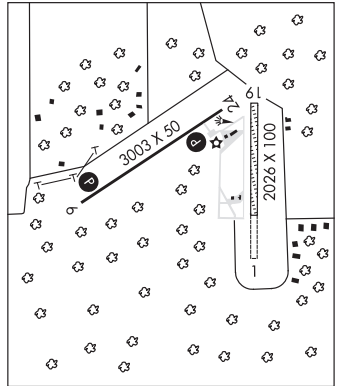
AIRPORT MANAGER: (814) 590-1137

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEVELAND CENTER APP/DEP CON 126.72 or call ZOB 440-774-0227

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 120° 26.3 NM to fld. 1520/6W.



QUAKERTOWN (UKT)(KUKT) 2 W UTC-5(-4DT) N40°26.11' W75°22.92'

NEW YORK

525 B TPA—1525(1000) NOTAM FILE UKT

L-33A, 34G

RWY 11-29: H3210X75 (ASPH) S-12 MIRL 0.6% up W

IAP

RWY 11: REIL. PAPI(P2L)—GA 4.0° TCH 44'. Trees.

RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 48'. Thld displcd 190'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-3210 TODA-3210

RWY 29: TORA-3210 TODA-3210

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF.

AIRPORT REMARKS: Attended 1330-2200Z. 100LL avbl 24 hrs self-serve credit card. Svc after hrs ctc 267-278-5812. Deer on and invof arpt. Act with wingspan greater than 54.5' must coordinate with arpt manager.

AIRPORT MANAGER: 215-538-3055

WEATHER DATA SOURCES: AWOS-3 119.475 (215) 538-7610.

COMMUNICATIONS: CTAF/UNICOM 122.725

PHILADELPHIA APP/DEP CON 123.8

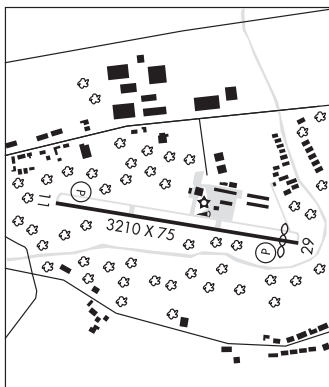
CLNC DEL 118.55 (TF 800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORV/DME 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 131° 16.4 NM to fld. 742/9W.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

**RAVINE N40°33.20' W76°35.96' NOTAM FILE IPT.**

NEW YORK

(L) VORTAC 114.6 RAV Chan 93 059° 13.8 NM to Schuylkill Co /Joe Zerbey. 1750/11W.

H-10H, L-30J

RCO 122.1R 114.6T (WILLIAMSPORT RADIO)

READING RGNL/CARL A SPAATZ FLD (RDG)(KRDG) 3 NW UTC-5(-4DT) N40°22.71'

NEW YORK

W75°57.92'

H-10I, 12I, L-30K, 34G, A

344 B TPA—1400(1056) Class IV, ARFF Index A NOTAM FILE RDG

IAP AD

RWY 13-31: H6350X150 (ASPH-GRVD) S-75, D-200, 2S-175, 2D-400 HIRL

RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Trees.

RWY 31: REIL.

RWY 18-36: H5151X150 (ASPH-GRVD) S-75, D-200, 2S-175, 2D-400 HIRL 1.0% up S

RWY 18: VASI(V4L)—GA 3.5° TCH 64'. Trees.

RWY 36: MALS F. RVR-T Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY HOLD—SHORT POINT AVBL LDG DIST

RWY 13 18-36 5200

RWY 18 13-31 3050

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-6350 TODA-6350 ASDA-6350 LDA-6350

RWY 18: TORA-5151 TODA-5151 ASDA-5151 LDA-5151

RWY 31: TORA-6350 TODA-6350 ASDA-6350 LDA-6350

RWY 36: TORA-5151 TODA-5151 ASDA-5151 LDA-5151

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd ACTIVATE HIRL Rwy 13-31, HIRL Rwy 18-36, REIL Rwy 31, MALS F Rwy 36 and twy lghts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1100-0400Z. Sat-Sun 1700-0300Z. Birds and deer on and invof arpt. PPR 24 hrs for air carrier ops with more than 30 passenger seats. Call arpt manager 610-372-4666. Other times by PPR. Ldg fee for turbine act.

AIRPORT MANAGER: 610-372-4666

WEATHER DATA SOURCES: ASOS (610) 372-9863

COMMUNICATIONS: CTAF 119.9 ATIS 127.1 UNICOM 122.95

① READING APP/DEP CON 125.15 (1100-0500Z)

① HARRISBURG APP/DEP CON 124.1 (0500-1100Z)

TOWER 119.9 (1100-0500Z) GND CON 121.9

AIRSPACE: CLASS D svc 1100-0500Z; other times CLASS E.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VOR/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 236° 17.7 NM to fld. 742/9W.

ILS/DME 110.55 I-VXO Chan 42(Y) Rwy 13. Class IA. DME unusable byd 019° right of course. Glideslope unusable byd 004° left of course.

ILS 109.5 I-RDG Rwy 36. Class IB. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: For Cinc Del when ATCT is clsd ctc MDT Apch at 800-932-0712.

REEDSVILLE

MIFFLIN CO (RVL)(KRVL) 5 NW UTC-5(-4DT) N40°40.64' W77°37.61'
819 B NOTAM FILE IPT

RWY 06-24: H5001X75 (ASPH) S-60 MIRL

RWY 06: REIL. PVASI(P SIL)—GA 3.0° TCH 36'. Trees.

RWY 24: REIL. PVASI(P SIL)—GA 3.0° TCH 37'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24—CTAF. Rwy 06 PSIL OTS indef. Rwy 24 PSIL OTS indef.

AIRPORT REMARKS: Attended May 1-Oct 31 Mon-Fri 1300-2200Z†, Nov 1-Apr 30 Mon-Fri 1300-2100Z†, Sat 1300-1700Z†. 100LL self-svc 24 hrs. Jet-A fuel by appointment only. For Jet-A fuel after hrs call 717-994-0323 during attendance hrs to make appointment. Phone numbers posted on the office door for after hr calls. Glider activity during summer months. Helicopters land on apron. Cold temperature rstd arpt. Altitude correction required at or blo -22C/-8F.

AIRPORT MANAGER: 717-667-6829

WEATHER DATA SOURCES: AWOS-3 123.85 (717) 667-3993.

COMMUNICATIONS: CTAF/UNICOM 122.7

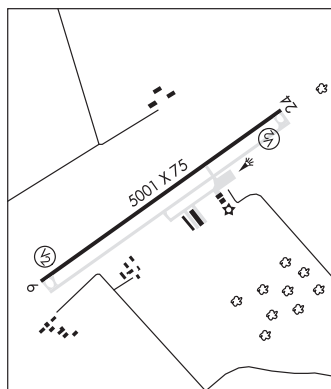
NEW YORK CENTER APP/DEP CON 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98'

W77°59.56' 141° 22.0 NM to fld. 2443/10W.

LOC 109.3 I-RVL Rwy 06. LOC unmonitored. LOC unusable byd 20° either side of course; byd 16 NM blo 4,000'.



DETROIT
H-10H, 12J, L-30J
IAF

REIGLE FLD (See PALMYRA on page 293)

REVLOC N40°32.79' W78°44.82' NOTAM FILE AOO.

(L) VOR/DME 110.6 REC Chan 43 203° 5.3 NM to Ebensburg. 2340/9W.

VOR unusable:

070°-085°

RCO 122.1R 110.6T (ALTOONA RADIO)

DETROIT
L-29D

RIDGE SOARING (See UNIONVILLE on page 313)

ROCK SPRINGS FLF N40°47.40' W77°51.60' /1230
ASOS (814) 237-5778

DETROIT

ROCKY HILL (See CRESCO on page 268)

ROSTRAVER (See MONONGAHELA on page 288)

ST MARYS MUNI (OYM)(KOYM) 3 SE UTC-5(-4DT) N41°24.75' W78°30.16'

1934 B NOTAM FILE AOO

RWY 10-28: H4300X75 (ASPH-GRVD) S-33 MIRL 0.7% up E

RWY 10: PAPI(P4L)—GA 3.0° TCH 41'. Trees.

RWY 28: MALS. PAPI(P4L)—GA 3.0° TCH 39'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10 and 28, and MALS Rwy 28—CTAF. PAPI Rwy 10 unusable byd 5° right of centerline. Rwy 28 PAPI unusable byd 8° right of centerline.

AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z. Ldg fee for business twins, waived for fuel purchase.

AIRPORT MANAGER: 814-335-6139

WEATHER DATA SOURCES: AWOS-3 118.05 (814) 834-9416.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 121.3 (ALTOONA RADIO)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.325 or call ZOB 440-774-0227
CLNC DEL 121.3 (ALTOONA RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

SLATE RUN (H) VORTAC 113.9 SLT Chan 86 N41°30.77'

W77°58.21' 264° 24.8 NM to fld. 2310/8W.

KEATING (H) VORTAC 116.0 ETG Chan 107 N41°12.90'

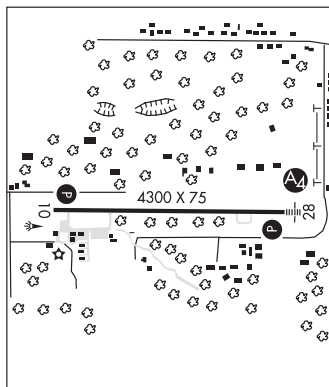
W78°08.57' 316° 20.1 NM to fld. 2250/10W.

LOC/DME 108.9 I-OYM Chan 26 Rwy 28. Unmonitored indef.

DETROIT

L-301

IAP



ST THOMAS N39°55.99' W77°57.06' NOTAM FILE AOO.

(L) **VORTAC** 115.0 THS Chan 97 087° 14.4 NM to Franklin Co Rgnl. 2338/7W.

RCO 122.1R 115.0T (ALTOONA RADIO)

WASHINGTON

H-10H, L-29D, A

SCHUYLKILL CO /JOE ZERBEY (See POTTSVILLE on page 303)

SEAMANS FLD (See FACTORYVILLE on page 274)

SELINGROVE

PENN VALLEY (SEG)(KSEG) 1 N UTC-5(-4DT) N40°49.27' W76°51.85'

464 B NOTAM FILE SEG

RWY 17-35: H4760X75 (ASPH) S-27, D-27 MIRL 0.5% up N

RWY 17: REIL. Thld dsplcd 388'. Road.

RWY 35: REIL. PAPI(P4L)—GA 3.5° TCH 45'. Thld dsplcd 250'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX4 LGT ACTIVATE REIL Rwy 17 and Rwy 35, MIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Attended Apr-Nov 1300-0100Z, Dec-Mar 1300-2300Z. Rising terrain both sides of apch to Rwy 17. Ultralghts on and invof arpt. Deer and birds on and in vicinity of arpt.

AIRPORT MANAGER: 570-809-4701

WEATHER DATA SOURCES: ASOS 123.975 (570) 374-4099. HIWAS 110.4 SEG.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

Ⓡ **HARRISBURG APP/DEP CON** 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45'

W76°53.04' 034° 2.0 NM to fld. 610/8W. HIWAS.

VOR portion unusable:

105°-115° byd 20 NM blo 3,000'

180°-195° blo 6,000'

180°-195° byd 30 NM blo 9,000'

196°-200° blo 9,000'

204°-209° blo 5,000'

210°-230° byd 35 NM blo 2,500'

250°-285° byd 10 NM blo 14,000'

TACAN azimuth decommissioned

DME portion unusable:

100°-115° byd 30 NM blo 3,000'

115°-170° byd 35 NM blo 2,900'

190°-300° byd 35 NM blo 3,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

NEW YORK

L-301

IAP



SELINSGROVE N40°47.45' W76°53.04' NOTAM FILE SEG.
(L) VORTAC 110.4 SEG Chan 41 034° 2.0 NM to Penn Valley. 610/8W. HIWAS.

NEW YORK
H-10H, 12I, L-30J

VOR portion unusable:
105°-115° byd 20 NM blo 3,000'
180°-195° blo 6,000'
180°-195° byd 30 NM blo 9,000'
196°-200° blo 9,000'
204°-209° blo 5,000'
210°-230° byd 35 NM blo 2,500'
250°-285° byd 10 NM blo 14,000'

TACAN azimuth decommissioned
DME portion unusable:
100°-115° byd 30 NM blo 3,000'
115°-170° byd 35 NM blo 2,900'
190°-300° byd 35 NM blo 3,500'

RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

SHAMOKIN

NORTHUMBERLAND CO (N79) 3 N UTC-5(-4DT) N40°50.22' W76°33.15'

NEW YORK

881 B NOTAM FILE IPT

L-30J

RWY 08-26: H3297X75 (ASPH) S-12.5 MIRL 0.8% up E

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

IAP

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 08 and Rwy 26, MIRL Rwy 08-26-121.8

AIRPORT REMARKS: Attended on Mon-Fri 1300-1900Z, Sat-Sun on call.

AIRPORT MANAGER: 570-898-8588

WEATHER DATA SOURCES: AWOS-3 119.175 (570) 672-0389.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HARRISBURG APP/DEP CON 118.25

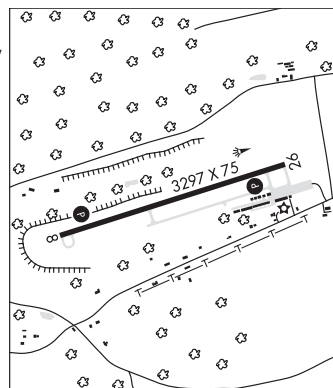
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45'
W76°53.04' 088° 15.4 NM to fld. 610/8W. HIWAS.

VOR portion unusable:
105°-115° byd 20 NM blo 3,000'
180°-195° blo 6,000'
180°-195° byd 30 NM blo 9,000'
196°-200° blo 9,000'
204°-209° blo 5,000'
210°-230° byd 35 NM blo 2,500'
250°-285° byd 10 NM blo 14,000'

TACAN azimuth decommissioned
DME portion unusable:
100°-115° byd 30 NM blo 3,000'
115°-170° byd 35 NM blo 2,900'
190°-300° byd 35 NM blo 3,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.



SHIPPENSBURG (N42) 3 NE UTC-5(-4DT) N40°03.23' W77°27.72'

DETROIT

760 TPA-1560(800) NOTAM FILE IPT

RWY 07-25: 2330X170 (TURF) 0.9% up E

RWY 07: Thld dspcd 535'. Brush.

RWY 25: Thld dspcd 595'. Railroad.

AIRPORT REMARKS: Unattended. Rwy 07 dspcd thld marked with white barrels. Rwy 07-25 ends marked with yellow barrels, edges marked with yellow cones, dspcd thld marked with white barrels.

AIRPORT MANAGER: 717-532-2065

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

SHOESTRING AVIATION AIRFIELD (See STEWARTSTOWN on page 310)

SKYHAVEN (See TUNKHANNOCK on page 313)

SLATE RUN N41°30.77' W77°58.21' NOTAM FILE AOO.

DETROIT

(H) VORTAC 113.9 SLT Chan 86 264° 24.8 NM to St Marys Muni. 2310/8W.

H-10H, L-30J

RCO 122.1R 113.9T (ALTOONA RADIO)

SLATINGTON (69N) 1 N UTC-5(-4DT) N40°45.82' W75°36.29'

NEW YORK

380 B NOTAM FILE IPT

RWY 01-19: H2455X50 (ASPH) LIRL(NSTD)**RWY 01:** Thld dspcd 352'. Trees.**RWY 19:** Tree.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE LIRL Rwy 01-19 and rotating bcn—CTAF. Rwy 01-19 NSTD LIRL located 10' and 20' outboard from rwy edges respectively. Rwy 19 end lgts located outboard from rwy edges.**AIRPORT REMARKS:** Attended Mon-Sat dalgt hrs. For svc after hours call 610-799-3302. +977' hll 7700' from Rwy 19 thld.**AIRPORT MANAGER:** 610-767-5881**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc ABE Apch at 800-728-6322.**SMOKETOWN** (S37) 0 N UTC-5(-4DT) N40°02.50' W76°12.11'

NEW YORK

370 B NOTAM FILE IPT

RWY 10-28: H2750X50 (ASPH) S-125, D-125 LIRL 1.3% up W**RWY 10:** Thld dspcd 167'. Tree.**RWY 28:** Thld dspcd 110'.**SERVICE:** S4 FUEL 100LL**AIRPORT REMARKS:** Attended Mon-Sat 1300-2200Z†, Sun 1800-2200Z†. Rwy 28 preferred rwy for ldg in lgt wind conditions. Rwy 10 dspcd thld at 517' from rwy end.**AIRPORT MANAGER:** 717-394-6476**COMMUNICATIONS:** CTAF/UNICOM 123.05**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc MDT Apch at 800-932-0712.**SOMERSET CO** (2G9) 3 NE UTC-5(-4DT) N40°02.33' W79°00.90'

DETROIT

2275 B NOTAM FILE AOO

H-10H, 12I, L-29D

RWY 07-25: H5002X75 (ASPH) S-18 MIRL 1.5% up SW

IAP

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 56'.**RWY 25:** REIL. PVASI(PSIL)—GA 3.0° TCH 29'. Trees.**RWY 14-32:** 2695X204 (TURF) 0.7% up SE**RWY 14:** Thld dspcd 295'. Road.**SERVICE:** S4 FUEL 100LL, JET A LGT MIRL Rwy 07-25, rwy and twy lgts opr dusk-0500Z†. PAPI Rwy 07, PVASI Rwy 25 ACTIVATE—CTAF. Lgt intensity varied by number of clicks.**AIRPORT REMARKS:** Attended 1300-2100Z†. Arpt unattended New Years Day, Easter, Thanksgiving and Christmas Day. 24 hr self-svc fueling avbl. Single-point refueling avbl on req. Rwy 14-32 unusable during spring thaw, wet periods and snow. Check NOTAMS. Rwy 14-32 617' by 60' asph at intersection with Rwy 07-25 and parallel twy. Rwy 14-32 marked with yellow cones at 150' width. Rwy 14 dspcd thld marked with yellow cones.**AIRPORT MANAGER:** 814-445-1599**WEATHER DATA SOURCES:** AWOS-3P 133.8 (814) 443-2114.**COMMUNICATIONS:** CTAF/UNICOM 122.8

INDIAN HEAD RCO 122.1R 108.2T (ALTOONA RADIO)

® JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†, other times ctc)

® CLEVELAND APP/DEP CON 124.4 or call ZOB 440-774-0226 (0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 082° 16.3 NM to fld. 2820/6W.

VOR & TACAN AZIMUTH OTS indef

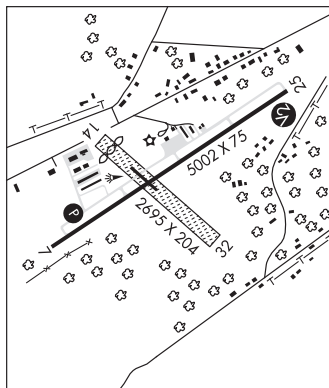
VOR voice OTS indef

STOYSTOWN NDB (MHW) 209 SYS N40°05.14' W78°54.99' 248° 5.3 NM to fld. 2130/10W.

NDB unusable:

090°-150° byd 20 NM

LOC 108.7 I-SOZ Rwy 25. LOC unusable byd 18° left and right of course.

**SOUTHERN ADAMS CO HELIPORT** (See GETTYSBURG on page 276)**SPRING HILL** (See STERLING on page 309)

STATE COLLEGE

UNIVERSITY PARK (UNV)(KUNV) 3 N UTC-5(-4DT) N40°51.00' W77°50.86'

1231 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE UNV

RWY 06-24: H6701X150 (ASPH-GRVD) S-50, D-110 PCN 44 F/B/X/U

HIRL 0.6% up SW

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.

RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6701 TODA-6701 ASDA-6701 LDA-6701

RWY 24: TORA-6701 TODA-6701 ASDA-6701 LDA-6701

SERVICE: S3 FUEL 100LL, JET A OX 4 LGT When twr clsd ACTIVATE MALSR Rwy 24, REIL Rwy 06, HIRL Rwy 06-24 and twy lghts—CTAF.

AIRPORT REMARKS: Attended continuously. Student training 2.5 NM NE at Bellefonte Arpt. Glider activity during dalgt hrs. All alt within 10 NM all directions, spcly along ridge 2 NM west and north of arpt. Acft on either end Rwy 06-24 cannot be seen on other end due to rwy grade. Rwy 06-24 grvd portion of rwy center 80'. Class I, ARFF Index A. PPR 24 hrs for unscheduled air carrier ops with more than 9 pax seats between 0400-0900Z call arpt manager 814-865-5511. ARFF Index B is provided at UNV. TPA 2192(961) single engine acft, 2692(1461) multi engine acft. Deicing equipment avbl on apron adjacent to Twy B between Twys C and B1. Twy J NW of Twy A rstd to acft less than 12,500 pounds. Ldg fee for single engine, multi engine acft and helicopters.

AIRPORT MANAGER: 814-865-5511

WEATHER DATA SOURCES: AWOS-3 127.65 (814) 865-8799. SAWRS.

COMMUNICATIONS: CTAF 128.475 ATIS 127.65 UNICOM 122.95

NEW YORK CENTER APP/DEP CON 134.8 (when twr clsd)

TOWER 128.475 (1100-0300Z)‡ **GND CON** 119.625 **CLNC DEL** 119.625 118.55 (when twr clsd)

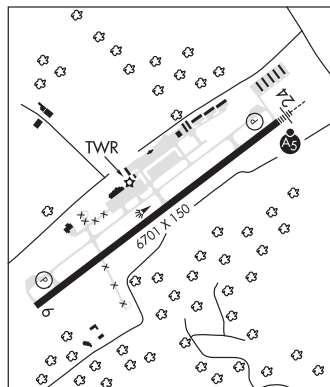
AIRSPACE: CLASS D svc 1100-0300Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 131° 7.7 NM to fld. 2443/10W.

PENUE NDB (LOM) 388 UN N40°54.62' W77°44.50' 244° 6.0 NM to fld.

ILS 111.7 I-UNV Rwy 24. Class IB. LOM PENUE NDB. Unmonitored 0430-1100Z‡ dly.



DETROIT
H-10H, 12J, L-30I
IAP, AD

STERLING

SPRING HILL (7ØN) 1 NW UTC-5(-4DT) N41°20.84' W75°24.95'

1729 B NOTAM FILE IPT

RWY 05-23: H2478X42 (ASPH) S-10 LIRL 2.4% up SW

RWY 05: Thld dspcd 400'. Hill.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 05-23 and rotating bcn—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z‡. For svc after hrs call 570-242-5771. Rwy 05 clsd ldg SS-SR. Deer on and invof arpt. Winter months call for rwy conditions.

AIRPORT MANAGER: 570-689-9316

COMMUNICATIONS: CTAF 122.9

Ⓡ **WILKES-BARRE APP/DEP CON** 126.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP

WILKES-BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 080° 13.2 NM to fld. 2119/10W.

VOR portion unusable.

290°-305° byd 15 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctv APch at 570-655-2084.

NEW YORK
L-30K, 33A, 34H
IAP

STEWARTSTOWN

SHOESTRING AVIATION AIRFIELD (ØP2) 3 NW UTC-5(-4DT) N39°47.69' W76°38.83' WASHINGTON
 1000 NOTAM FILE IPT
RWY 06U-24U: 1000X100 (TURF)
RWY 06U: Tree.
RWY 24U: Thld dspclcd 183'. Rgt tfc.
RWY 15-33: 1000X100 (TURF)
RWY 15: Rgt tfc.
RWY 33: Thld dspclcd 500'. Tree.
SERVICE: S4
AIRPORT REMARKS: Attended irregularly. Extensive ultralgt activity on and invof arpt. Rwy 15-33 and Rwy 06-24 used for ultralight ops. Major airframe and powerplant repair for light sport acct only. Rwy 06, Rwy 15, Rwy 24, Rwy 33 marked with white patio blocks. Dsplcd thlds marked with three white paver each side.
AIRPORT MANAGER: 717-235-6724
COMMUNICATIONS: CTAF 122.9

STONYFORK N41°41.72' W77°25.19' NOTAM FILE IPT DETROIT
 (L) VOR/DME 108.6 SFK Chan 23 037° 2.3 NM to Wellsboro Johnston. 1985/8W. H-10H, L-30J
 RCO 122.1R 108.6T (WILLIAMSPORT RADIO)

STOTTLE MEM HELIPORT (See HONEY GROVE on page 280)

STOYSTOWN N40°05.14' W78°54.99' NOTAM FILE AOO. DETROIT
 NDB (MHW) 209 SYS 248° 5.3 NM to Somerset Co. 2130/10W. L-29D
 NDB unusable:
 090°-150° byd 20 NM

STROUDSBURG-POCONO (See EAST STROUDSBURG on page 270)

SUNBURY

SUNBURY (71N) 2 NE UTC-5(-4DT) N40°53.51' W76°46.73' NEW YORK
 450 NOTAM FILE IPT
RWY 05-23: 3250X250 (TURF)
RWY 05: Thld dspclcd 1050'. Trees.
RWY 23: Trees.
SERVICE: S2
AIRPORT REMARKS: Attended irregularly. Glider ops on and invof arpt. Mountain 560' AGL .5 miles east AER 23. Tree lines border north and south sides of the rwy and penetrate transitional sfc. Ground hog holes SE edge of rwy. Rwy 05-23 outlined with white buckets.
AIRPORT MANAGER: 570-988-6497
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

SUNBURY SPB (H11) 3 NE UTC-5(-4DT) N40°54.79' W76°43.98' NEW YORK
 430 NOTAM FILE IPT
WATERWAY 07-25: 5000X250 (WATER)
WATERWAY 25: Rgt tfc.
SERVICE: S2
SEAPLANE REMARKS: Attended Jun-Aug irregularly dalgt hrs. PPR 48 hrs prior to arrival due to changing conditions and attendance, 570-850-2671 or 570-743-3229. Extreme caution maintained to insure mutual safety of boaters and fit ops, coordination be made with Sunbury Arpt on CTAF 122.9 to assure adequate separation of ops, and largest class of acct recommended is single engine. Rwy 07-25—ridge line of 850 ft MSL running parallel to rwy on south side.
AIRPORT MANAGER: 570-743-3229
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc RDG ATCT, when clsd ctc MDT Apch at 800-932-0712.

THERMAL-G (See ERIE on page 273)

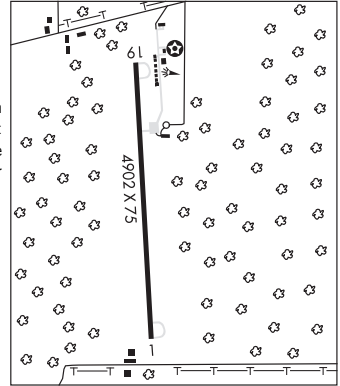
TIDIOUTE N41°42.78' W79°25.04' NOTAM FILE AOO.
(L) VORTAC 117.6 TDT Chan 123 256° 15.9 NM to Titusville. 1710/9W.
 TACAN AZIMUTH & DME unusable:
 041°-051° byd 30 NM blo 4,000'
 340°-005° byd 24 NM blo 5,000'
 305°-340° byd 24 NM blo 3,500'
 VOR unusable:
 299°-309° byd 14.0 NM blo 4,000'
RCO 122.1R 117.6T (ALTOONA RADIO)

DETROIT
 L-30H

TITUSVILLE (6G1) 3 W UTC-5(-4DT) N41°36.53' W79°44.48'
 1600 B NOTAM FILE AOO
RWY 01-19: H4902X75 (ASPH) S-12.5 MIRL 1.4% up N
RWY 01: Trees.
RWY 19: Pole.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE arpt bcn on CTAF.
 ACTIVATE MIRL Rwy 01-19 on CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. For fuel after hrs call 814-827-7664, 814-827-8795, 814-827-9157. Birds and deer on and infov arpt. Radio controlled acft infov arpt. Gyro ops infov arpt last Sat every month. Parallel twy and north jug handle twy marked with blue reflectors. Ldg fee. Ldg fee for business twins and helicopters waived for fuel purchase.
AIRPORT MANAGER: 814-827-0400
COMMUNICATIONS: CTAF 122.9
 ® **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z‡)
 ® **CLEVELAND CENTER APP/DEP CON** 132.4 (0500-1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

DETROIT
 L-30H
 IAP

TIDIOUTE (L) VORTAC 117.6 TDT Chan 123 N41°42.78'
 W79°25.04' 256° 15.9 NM to fld. 1710/9W.
 TACAN AZIMUTH & DME unusable:
 041°-051° byd 30 NM blo 4,000'
 340°-005° byd 24 NM blo 5,000'
 305°-340° byd 24 NM blo 3,500'
 VOR unusable:
 299°-309° byd 14.0 NM blo 4,000'
FRANKLIN (L) VOR 109.6 FKL N41°26.31' W79°51.40' 033° 11.5 NM to fld. 1528/6W. NOTAM FILE FKL.
HIWAS.



TOTAL RF HELIPORT (See BENSLEM on page 260)

TOUGHKENAMON

NEW GARDEN (N57) 1 W UTC-5(-4DT) N39°49.83' W75°46.18'

436 B NOTAM FILE IPT

RWY 06-24: H3695X50 (ASPH) LIRL

RWY 06: Tree.

RWY 24: Tree.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended 1300-2200Z†. For assistance after hrs ctc 610-476-1702. Deer and other wildlife invof arpt. Glider ops weekends. New parallel twy and Rwy 06 entrance/exit eliminate need for wide ldg gear acft to use turn around on west end. Turf sfc south of rwy for glider recovery only. Rwy 06 NS ABTMT climb to 1200' MSL before turning crosswind. Overnight parking fee of \$10 may be assessed.

AIRPORT MANAGER: 610-268-2619

COMMUNICATIONS: CTAF/UNICOM 123.05

MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

Ⓡ **PHILADELPHIA APP/DEP CON** 124.35

CLNC DEL 125.6 (TF 800-354-9884)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08'

W75°40.25' 230° 7.0 NM to fld. 473/9W. **HIWAS.**

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

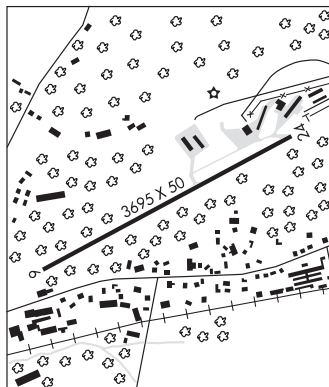
290°-326°

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.

WASHINGTON

L-34G, A

IAP



TOWANDA

BRADFORD CO (N27) 2 S UTC-5(-4DT) N41°44.40' W76°26.83'

730 B NOTAM FILE IPT

RWY 05-23: H4300X75 (ASPH) S-12 HIRL 0.3% up SW

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Trees.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 37'.

SERVICE: FUEL 100LL, JET A **LGT**ACTIVATE HIRL Rwy 05-23, REIL

Rwys 05 and 23 —123.0.

AIRPORT REMARKS: Attended 1300-2200Z†. For svc after hrs call 570-637-4902 or 570-529-1165. Ultralight activity on and invof. Cold temperature rstd arpt. Altitude correction required at or blo -24C/-11F.

AIRPORT MANAGER: 570-265-4900

WEATHER DATA SOURCES: AWOS-3 119.925 (570) 265-1024.

COMMUNICATIONS: CTAF/UNICOM 123.0

BINGHAMTON APP/DEP CON 118.6 (1100-0500Z†)

NEW YORK CENTER APP/DEP CON 132.175 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

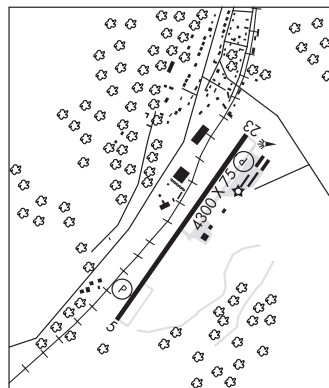
BINGHAMTON (L) VOR/DME 112.2 CFB Chan 59 N42°09.45'

W76°08.19' 219° 28.6 NM to fld. 1583/10W.

NEW YORK

L-30J

IAP



TOWER CITY**BENDIGO** (74N) 2 S UTC-5(-4DT) N40°33.54' W76°33.58'

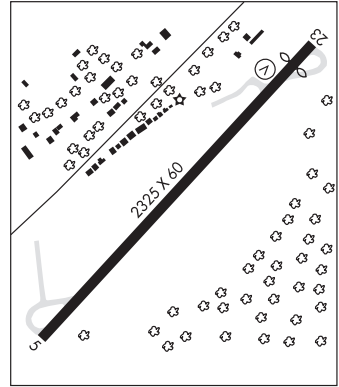
791 B NOTAM FILE IPT

RWY 05-23: H2325X60 (ASPH-CONC) S-12.5 MIRL**RWY 05:** Trees.**RWY 23:** VASI(V2R)—GA 3.0° TCH 25'. Thld dsplcd 181'. Trees.**SERVICE:** LGT Rwy 23 VASI does not provide obstacle clearance byd 2.3 NM from thld, unusable byd 2.3 NM. **ACTIVATE MIRL** Rwy 05-23—CTAF.**AIRPORT REMARKS:** Unattended. For attendance on call phone 610-413-7428. Arpt may be clsd to tran acft Dec-Apr. Check NOTAMS and call 610-413-7428 for arpt conditions. Lgtd 160' high twr 400' north of rwy midfield. Terrain rises rapidly N-NW of Rwy 05 end to 1500 MSL. Mountain ridge 1 mile south of arpt, runs parallel to Rwy 05-23, over 1500 MSL.**AIRPORT MANAGER:** 610-413-7428**COMMUNICATIONS:** CTAF 122.9Ⓡ **HARRISBURG APP/DEP CON** 126.45**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**RAVINE (L) VORTAC** 114.6 RAV Chan 93 N40°33.20' W76°35.96' 090° 1.8 NM to fld. 1750/11W.**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc MDT Apch at 800-932-0712.

NEW YORK

L-30J

IAP

**TUNKHANNOCK****SKYHAVEN** (76N) 1 S UTC-5(-4DT) N41°31.69' W75°56.75'

639 TPA—1600(961) NOTAM FILE IPT

RWY 01-19: H2007X50 (ASPH) S-12.5 1.0% up S**RWY 19:** Thld dsplcd 438'. Tree.**SERVICE:** S4 FUEL 100LL**AIRPORT REMARKS:** Attended 1300Z±-dusk. Parachute Jumping. For service after hrs phone 570-466-0697/570-237-6374/570-836-3884.**AIRPORT MANAGER:** 570-466-0697**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **WILKES-BARRE APP/DEP CON** 120.95**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc AVP Apch at 570-655-2084.

NEW YORK

UNIONVILLE**RIDGE SOARING** (79N) 2 SW UTC-5(-4DT) N40°53.04' W77°54.43'

815 NOTAM FILE AOO

RWY 07-25: H3322X150 (ASPH-TURF)**RWY 07:** Thld dsplcd 725'. Trees.**RWY 25:** Thld dsplcd 470'. Trees.**AIRPORT REMARKS:** Attended Mar-Nov 1400-2200Z±. Designated gliderport. Drainage ditch obstructs turf lgd sfc 1738' inbound from Rwy 25, both north and south side marked with red/yellow cones. Rwy 07-25 end and sides marked with yellow/red cones. Dsplcd thld marked with orange cones. Rwy 07-25 centerline runs along south edge of paved strip.**AIRPORT MANAGER:** 814-355-2483**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Communications with arpt avbl on 123.3 Aviation Instructional frequency.

DETROIT

UNIVERSITY PARK (See STATE COLLEGE on page 309)**VANSANT** (See ERWINNA on page 273)**VENANGO RGNL** (See FRANKLIN on page 275)**W P H S HELIPORT** (See MOUNT PLEASANT on page 290)

WASHINGTON CO (AFJ)(KAFJ) 3 SW UTC-5(-4DT) N40°08.19' W80°17.41'
1184 B NOTAM FILE AFJ

DETROIT
H-10H, 12I, L-29C
IAP

RWY 09-27: H5004X100 (ASPH) S-40, D-60, 2D-90 HIRL

RWY 09: PAPI(P4L)—GA 3.71° TCH 85'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 3.09° TCH 62'. Brush.

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT ACTIVATE HIRL Rwy 09-27 and REIL Rwy 27—CTAF. PAPI Rwy 09 and Rwy 27 opr 24 hrs. Rwy 27 PAPI rstd to category A and B acft only. Rwy 09 PAPI unusable byd 7° right of centerline. Rwy 09 VGSi and descent angles not coincident.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z±, Sat-Sun 1200-2200Z±. Birds on and invof rwy. 254' hill and trees 3246' from thld Rwy 09. 286' hill and trees 7248' from thld Rwy 27. 185' hill/trees 3177' from thld Rwy 09. 285' hill/trees 7225' from thld Rwy 27.

AIRPORT MANAGER: 724-228-5151

WEATHER DATA SOURCES: AWOS-3 119.175 (724) 228-3529.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **PITTSBURGH APP/DEP CON** 119.35

CLNC DEL 127.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72'

W80°02.45' 242° 14.3 NM to fld. 1285/9W. HIWAS.

VOR portion unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.59' W80°34.12' 127° 14.8 NM to fld.

1269/7W. NOTAM FILE HLG.

VOR portion unusable:

020°-026° byd 15 NM

028°-039° byd 10 NM

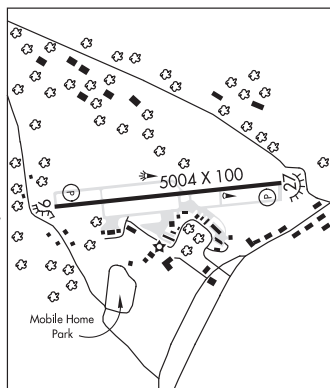
080°-100° byd 15 NM blo 11,000'

123°-133° blo 4,000'

150°-170° byd 15 NM

R-027 byd 20 NM

ILS/DME 110.3 I-AFJ Chan 40 Rwy 27. Glideslope unusable byd 5° left of course.



WAYNESBURG

GREENE CO (WAY)(KWAY) 2 E UTC-5(-4DT) N39°54.07' W80°07.84'
1069 B NOTAM FILE AOO

CINCINNATI
L-29C
IAP

RWY 09-27: H3500X75 (ASPH) S-12 MIRL

RWY 09: Trees.

RWY 27: VASI(V4R)—GA 3.75° TCH 27'. Brush.

SERVICE: S4 FUEL 100LL LGT Rwy 09-27 NSTD MIRL — NSTD spacing. Arpt bcn located approximately .5 SM south of arpt.

AIRPORT REMARKS: Unattended. For svc after hrs ctc 724-993-2190. Ground drops off sharply east end Rwy 09-27. Deer and birds on and invof rwy. 290' high terrain 1,900' south of rwy.

AIRPORT MANAGER: (724) 852-5323

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.950

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72'

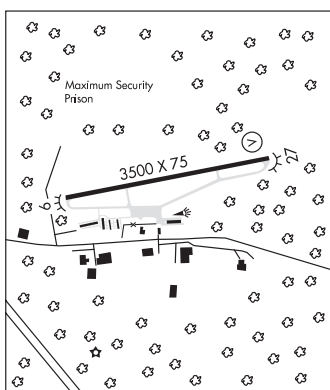
W80°02.45' 199° 23.0 NM to fld. 1285/9W. HIWAS.

VOR portion unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM



WELLSBORO JOHNSTON (N38) 4 SW UTC-5(-4DT) N41°43.68' W77°23.73'
 1892 B NOTAM FILE IPT
 RWY 10-28: H3597X60 (ASPH) MIRL

DETROIT
 L-30J
 IAP

RWY 10: PAPI(P2L)—GA 3.0° TCH 40'. Trees.
 RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 11-29: 1600X100 (TURF) 0.4% up W

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 28, MIRL Rwy 10-28—CTAF

AIRPORT REMARKS: Attended Mon-Sat 1400-2100Z, Sun 1500-2100Z. Rwy 11-29 turf CLOSED annually Dec-Apr. Rwy 11-29 turf 1600' X100' day VFR only, non-simultaneous opr.

AIRPORT MANAGER: 570-724-3746

WEATHER DATA SOURCES: AWOS-3PT 120.925 (570) 723-0385.

COMMUNICATIONS: CTAF/UNICOM 122.8

® ELMIRA APP/DEP CON 128.425 (1100-0500Z)

NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

STONYFORK (L) VOR/DME 108.6 SFK Chan 23 N41°41.72' W77°25.19' 037° 2.3 NM to fld. 1985/8W.

WELLSVILLE

KAMPEL (2N5) 2 W UTC-5(-4DT) N40°02.97' W76°58.63'
 611 NOTAM FILE IPT

NEW YORK

RWY 05-23: 2550X100 (TURF) 0.7% up NE

RWY 05: Thld dspclcd 303'. Stack.

RWY 23: Thld dspclcd 475'. Trees.

SERVICE: S3 FUEL 100LL

AIRPORT REMARKS: Attended Apr-Nov Mon-Fri 1300-2200Z, Sat and Sun unattended. Arpt clsd to tran acct Nov-Apr. Fuel not avbl on weekends. Rwy 05-23 marked with yellow cones. Rwy 23 dspclcd thld marked with 3 yellow cones each side of rwy. Rwy 05 dspclcd thld marked with 3 yellow cones each side of rwy.

AIRPORT MANAGER: 717-432-9688

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.

WEST CHESTER

BRANDYWINE (OQN)(KOQN) 3 NE UTC-5(-4DT) N39°59.41' W75°34.91'
 463 B TPA-1498(1035) NOTAM FILE IPT

WASHINGTON

L-34G, A

RWY 09-27: H3347X50 (ASPH) S-10 LIRL

IAP

RWY 09: PAPI(P2L)—GA 4.2° TCH 23'. Thld dspclcd 125'. Tree. Rgt ftc.

RWY 27: PAPI(P2L)—GA 3.0° TCH 20'. Thld dspclcd 250'. Tree.

SERVICE: S6 FUEL 100LL, JET A LGT PAPI Rwy 09 and Rwy 27 opr continuously.

AIRPORT REMARKS: Attended 1300-2200Z. For svc after hrs ctc 610-842-3804. Birds and deer on and invof arpt. 120' high trees from 125' north of rwy centerline near midfield. Rwy 09-27 markings very faded. Tfc departing Rwy 27 turn right 10° until reaching 1200' MSL to avoid mansion left and homes right. Full length parallel twy south of rwy.

AIRPORT MANAGER: 610-692-6100

WEATHER DATA SOURCES: AWOS-3 121.4 (610) 692-6190.

COMMUNICATIONS: CTAF/UNICOM 123.075

® PHILADELPHIA APP/DEP CON 124.35

CLNC DEL 125.6

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08' W75°40.25' 052° 6.0 NM to fld. 473/9W. HIWAS.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

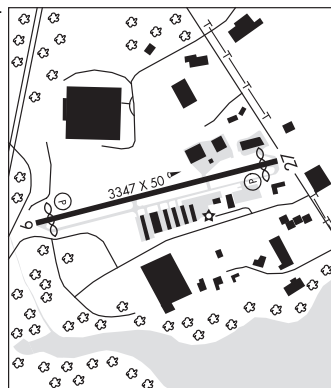
170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc PHL Apch at 757-363-5864.



WILKES-BARRE WYOMING VALLEY (WBW)(KWBW) 3 N UTC-5(-4DT) N41°17.84' W75°51.13' **NEW YORK**

543 B NOTAM FILE IPT

L-30K

RWY 07-25: H3375X75 (ASPH) MIRL

RWY 07: PAPI(P2L)—GA 4.0° TCH 40'.

RWY 25: PAPI(P2L)—GA 3.75° TCH 40'. Trees.

RWY 09-27: H2191X100 (ASPH-TURF)

RWY 09: Thld dspcd 669'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07, Rwy 25 and rotating bcn—CTAF. Rwy 07-25 preset low ints to ACTIVATE higher ints—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Rwy 09-27 CLOSED during winter months. +152' transmission lines 6,000' from Rwy 25 thld 585' left marked with red spheres. Rwy 09-27 marked with 3' white cones. Rwy 09 dspcd thld marked with three white cones each side. First 544' Rwy 27 asph, remainder turf.

AIRPORT MANAGER: 570-288-3257

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ APP/DEP CON 126.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

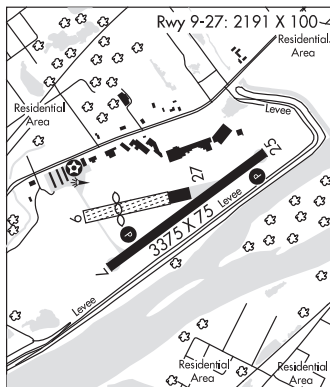
(L) VORTACW 111.6 LVZ Chan 53 N41°16.37'

W75°41.37' 291° 7.5 NM to fld. 2119/10W.

VOR portion unusable:

290°-305° byd 15 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc AVP Apch at 570-655-2084.



WILKES-BARRE/SCRANTON INTL (AVP)(KAVP) 5 SW UTC-5(-4DT) N41°20.31'

NEW YORK

W75°43.40'

H-101, 121, L-30K, 33A

962 B LRA ARFF Index—See Remarks NOTAM FILE AVP

IAP, AD

RWY 04-22: H7501X150 (ASPH-GRVD) S-133, D-173, 2D-300

PCN 45 F/A/X/T HIRL 0.7% up SW

RWY 04: MALSR. PAPI(P4R)—GA 3.0° TCH 53'. RVR-TR

RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 30'. RVR-TR Tower. Rgt tfc.

RWY 10-28: H4300X150 (ASPH-GRVD) S-58, D-80, 2S-101,

2D-125 MIRL 0.3% up E

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Rgt tfc.

RWY 28: REIL. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7501 TODA-7501 ASDA-7501 LDA-7501

RWY 10: TORA-4300 TODA-4300 ASDA-4300 LDA-4300

RWY 22: TORA-7501 TODA-7501 ASDA-7501 LDA-7501

RWY 28: TORA-4300 TODA-4300 ASDA-4300 LDA-4300

ARRESTING GEAR/SYSTEM

RWY 04: EMAS

RWY 22: EMAS

SERVICE: S3 FUEL 100LL, JET A OX 2, 4 LGT Rwy 22 VGSI and ILS glidepath not coincident.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt.

Rwy 04-22 precipitous drop-off each rwy end. Class I, ARFF Index B. Index C ARFF equipment avbl upon request call 570-602-2040. Unlghtd twr 1130' 1.3 miles east AER 28, unlghtd twr 1463' 1.7 miles east AER 28, unlghtd twr 1652' 2.4 miles east AER 28. Rwy 28 unlghtd high terrain trees, 1155' MSL 0.91 miles east AER 28, 1463' MSL 1.49 miles east-southeast AER 28, 1667' MSL 2.25 miles east AER 28, 1920' MSL 2.84 miles east AER 28. Cold temperature rstd arpt. Altitude correction required at or blo -21C. For FBO svcs 0500-1000Z† local Mon-Fri and 0200-0500Z† local Sat-Sun call (570) 457-4485. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 570-602-2000

WEATHER DATA SOURCES: ASOS (570) 655-0748

COMMUNICATIONS: UNICOM 122.95 ATIS 111.6

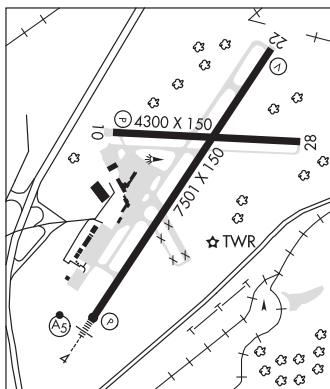
RCO 122.2 122.6 (WILLIAMSPORT RADIO)

Ⓡ APP/DEP CON 120.95 (280°-100°) 126.3 (101°-279°)

TOWER 120.1 GND CON 121.9

AIRSPACE: CLASS D

TRSA svc ctc APP CON within 20 NM



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

(L) VORTACW 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 349° 4.2 NM to fld. 2119/10W.

VOR portion unusable:

290°–305° byd 15 NM blo 6,000'

ILS/DME 109.9 I–AVP Chan 36 Rwy 04. Localizer offset angle 001° 46 min. LOC unusable byd 20° right of course.

DME unusable byd 20° right of course. Glideslope unusable for coupled apchs blo 2,530' MSL. DME also serves IZK ILS.

ILS/DME 109.9 I–IZK Chan 36 Rwy 22. LOC unusable byd 30° left side of course.**WILLIAM T PIPER MEM** (See LOCK HAVEN on page 286)**WILLIAMSBURG****COVE VALLEY** (6G6) 2 W UTC–5(–4DT) N40°27.27' W78°14.28'

DETROIT

1156 NOTAM FILE AOO

RWY 04–22: 2750X100 (TURF)**RWY 04:** Thld dspclcd 285'. Road. Rgt tfc.**RWY 22:** Thld dspclcd 286'. Brush.**SERVICE:** S4**AIRPORT REMARKS:** Attended Mon–Fri 1300–2200Z, Sat–Sun irregularly. Arpt safety briefing rqrd before ldg 814–832–2694.

Deer and occasional geese on and invof arpt. Turf soft during spring and after rains, no ops when rwy is soft or snow covered. Rwy 04–22 marked with white boundary markers. Rwy 04 thld dspclcd marked with white barrels. Rwy 22 thld dspclcd marked with white barrels.

AIRPORT MANAGER: 814–832–2694**COMMUNICATIONS:** CTAF 122.9**WILLIAMSPORT RGNL** (IPT)(KIPT) 4 E UTC–5(–4DT) N41°14.50' W76°55.31'

NEW YORK

528 B ARFF Index—See Remarks NOTAM FILE IPT

H–10H, 12J, L–30J

RWY 09–27: H6825X150 (ASPH–GRVD) S–65, D–100, 2S–127,

IAP, AD

2D–190 HIRL

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Trees.**RWY 27:** MALSR. Thld dspclcd 255'. Trees. Rgt tfc.**RWY 12–30:** H4273X150 (ASPH) S–200, D–200, 2S–175, 2D–400

MIRL

RWY 12: PAPI(P2L)—GA 3.75° TCH 45'. Trees.**RWY 30:** PAPI(P2L)—GA 4.0° TCH 41'. Trees. Rgt tfc.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 09:** TORA–6824 TODA–6824 ASDA–6824 LDA–6824**RWY 12:** TORA–4273 TODA–4273 ASDA–4273 LDA–4273**RWY 27:** TORA–6824 TODA–6824 ASDA–6824 LDA–6569**RWY 30:** TORA–4273 TODA–4273 ASDA–4273 LDA–4273**SERVICE:** S4 FUEL 100LL, JET A OX1 LGT MIRL Rwy 12–30 off. PAPI

Rwy 09 and Rwy 12 and Rwy 30 opr continuously. When twr clsd ACTIVATE MALSR Rwy 27, HIRL Rwy 09–27, REIL Rwy 09 and twy lghts—CTAF. Rwy 09 PAPI unusable byd 2° right of course. Rwy 30 PAPI baffled unusable byd 7° left side of course.

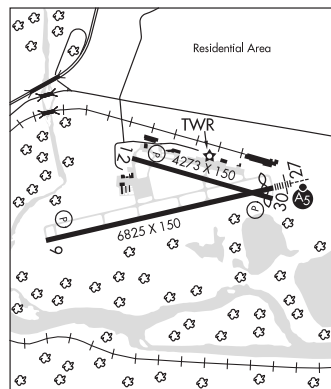
AIRPORT REMARKS: Attended 1130–0330Z. After hrs by prior coordination call 570–368–2651. Fuel and svcs avbl 1030–0300Z, after hrs by prior coordination call 570–368–2651. Arpt clsd to banner towing ops. Twy J clsd to acft with wing span over 78'. Class I, ARFF Index A. PPR 12 hrs for unscheduled air carrier ops with more than 30 passenger seats 0400–1100Z daily call arpt manager 570–368–2444. Index B coverage avbl upon req call arpt manager 570–368–2444. Deer and birds on and invof arpt especially AER 27 and AER 30. Unlgtcd crane 90' AGL 0.5 miles SE AER 30 permanently. For landside access from arpt after hrs use computerized gate system at east end or FBO apron. Cold temperature rstd arpt. Altitude correction required at or blo –10C. Ldg fee.**AIRPORT MANAGER:** 570–368–2444**WEATHER DATA SOURCES:** ASOS 125.225 (570) 368–3420.**COMMUNICATIONS:** CTAF 119.1 UNICOM 122.95

RCO 122.1R 114.4T (WILLIAMSPORT RADIO)

RCO 122.2 122.65 (WILLIAMSPORT RADIO)

® NEW YORK CENTER APP/DEP CON 124.9

TOWER 119.1 (1130–0330Z) GND CON 121.9

AIRSPACE: CLASS D svc 1130–0330Z other times CLASS E.

PENNSYLVANIA
CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

(L) **VOR/DME** 114.4 FQM Chan 91 N41°20.31' W76°46.49' 238° 8.8 NM to fld. 2098/9W.

PICTURE ROCKS NDB (MHW) 344 PIX N41°16.62' W76°42.61' 267° 9.8 NM to fld. 649/9W.

ILS/DME 110.1 I-IPT Chan 38 Rwy 27. Class IE. LOC unusable byd 028° left of course. DME unusable byd 028° left of course.

COMM/NAV/WEATHER REMARKS: When twr clsd New York Center provides Clnc Del on 124.9.

WINGS FLD (See PHILADELPHIA on page 296)

YARDLEY N40°15.20' W74°54.46' NOTAM FILE IPT.

NEW YORK

(L) **VOR/DME** 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer. 294/10W.

H-10I, L-34G, A

VOR portion unusable:

020°-040°

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

300°-353° blo 5,000'

DME portion unusable:

225°-275° byd 25 NM blo 5,000'

VOR/DME unusable:

178 byd 5 NM

230°-238° byd 8 NM blo 3,000'

RCO 122.1R 108.2T (WILLIAMSPORT RADIO)

YORK (THV)(KTHV) 7 SW UTC-5(-4DT) N39°55.02' W76°52.38'

WASHINGTON

495 B NOTAM FILE THV

H-10H, 12I, L-29E, 34F, A

RWY 17-35: H5188X100 (ASPH-GRVD) S-20, D-20, 2D-20 MIRL

IAP, AD

0.4 % up SE

RWY 17: REIL. PAPI(P4L)—GA 4.5° TCH 20'. Thld dsplcd 794'. Pole.

RWY 35: REIL. PAPI(P4L)—GA 3.67° TCH 28'. Thld dsplcd 739'. Pole.

SERVICE: S4 FUEL 100LL, JET A OX 3

AIRPORT REMARKS: Attended May-Oct 1100-0000Z±, Nov-Apr Mon-Fri 1100-2300Z±, Nov-Apr Sat-Sun 1300-2200Z±. Deer on and invof arpt. Twy to Rwy 35 clsd to acft with wingspan over 60'. Rwy 35 lgtd obstruction pole within 60' of controlling obstruction. Rwy 17 trees 1377' out 88' right apch slope 20:1 to dsplcd thld. Rwy 35 trees 2695' out 426' right apch slope 26:1 to dsplcd thld. Ldg fee.

AIRPORT MANAGER: 717-792-5566

WEATHER DATA SOURCES: ASOS 119.275 (717) 792-5529.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **HARRISBURG APP/DEP CON** 124.1

CLNC DEL 121.65

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13'

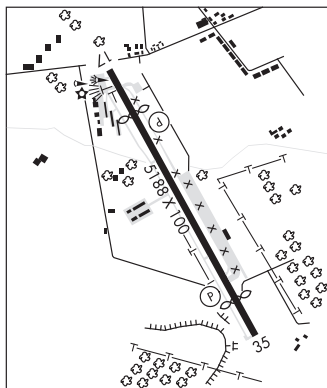
W77°04.17' 169° 24.8 NM to fld. 1301/10W.

VOR unusable:

097°-107° byd 10 NM

146°-168° byd 20 NM blo 7,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc MDT Apch at 800-932-0712.



ZELIENOPLE MUNI (PJC)(KPJC) 1 W UTC-5(-4DT) N40°48.12' W80°09.65'

DETROIT
L-29C
IAP

898 B NOTAM FILE AOO

RWY 17-35: H4933X75 (ASPH) MIRL

RWY 17: REIL. Thld dspclcd 551'. Road.

RWY 35: REIL. PAPI(P2L)—GA 3.48° TCH 50'. Thld dspclcd 282'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-4241 TODA-5056 ASDA-4932 LDA-4382

RWY 35: TORA-4932 TODA-4932 ASDA-4632 LDA-4352

SERVICE: S4 FUEL 100LL, JET A OX 2, 3 LGT MIRL Rwy 17-35 opr dusk-0300Z‡, after 0300Z‡ ACTIVATE MIRL Rwy 17-35—CTAF. PAPI 24 hrs. Rwy 35 PAPI unusable byd 5° left of centerline.

AIRPORT REMARKS: Attended Mon-Fri 1100-0300Z‡, Sat-Sun on call. For attendant Sat-Sun call 724-452-4719. Deer and geese on and invof rwy. Parallel twy marked with reflectors.

AIRPORT MANAGER: 724-452-4719

WEATHER DATA SOURCES: AWOS-3 118.45 (724) 452-5304.

COMMUNICATIONS: CTAF 122.9

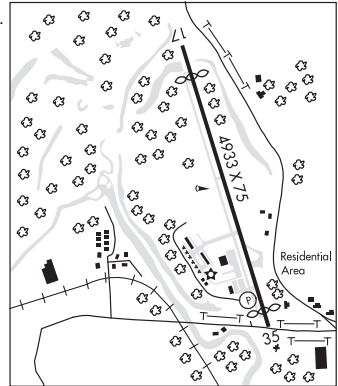
PITTSBURGH APP/DEP CON 124.75

GCO FREQ 121.725)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (L) VORTAC 115.8 EWC Chan 105 N40°49.50' W80°12.69' 129° 2.7 NM to fld. 1227/BW.

VOR unusable: 285°-335°



ARMIN N41°48.62' W71°21.19' NOTAM FILE PVD.
NDB (LOMW) 356 AR 227° 6.3 NM to Theodore Francis Green State. 70/15W.

NEW YORK

BLOCK ISLAND STATE (BID)(KBID) 1 W UTC-5(-4DT) N41°10.09' W71°34.67'

NEW YORK

108 B NOTAM FILE BID

L-33C

RWY 10-28: H2502X100 (ASPH) S-30 MIRL 0.3% up W

IAP

RWY 10: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

SERVICE: LGT ACTIVATE MIRL Rwy 10-28; REIL and PAPI Rwy 10 and Rwy 28—CTAF.

AIRPORT REMARKS: Attended May-Oct 1200-0000Z†, Nov-Apr 1300-2100Z†. Deer and birds on and in/ovf arpt.

Obstructions—lighted towers 1 NM north east of airport 1/2 NM apart. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401-466-5511. Arpt parking and safety brief avbl on landing 122.85 MHz or call 401-466-5511. Ldg fee: commercial and non Rhode Island registered acft. Overnight parking fee.

AIRPORT MANAGER: 401-466-5511

WEATHER DATA SOURCES: AWOS-3PT 134.775 (401) 466-5495.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

CLNC DEL 120.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BID.

SANDY POINT (L) VORW/DME 117.8 SEY Chan 125 N41°10.05' W71°34.57' at fld. 100/15W.

DME unusable:

160°-164° byd 15 NM blo 2,000'

240°-270° byd 25 NM blo 3,000'

NEWPORT STATE (UUU)(KUUU) 2 NE UTC-5(-4DT) N41°31.95' W71°16.89'

NEW YORK

172 B NOTAM FILE UUU

L-33C

RWY 04-22: H2999X75 (ASPH) S-30 MIRL 0.8% up NE

IAP

RWY 04: VASI(V4L)—GA 4.0° TCH 51'. Trees.

RWY 22: REIL. PAPI(P4L)—GA 4.0° TCH 30'. Trees.

RWY 16-34: H2623X75 (ASPH) S-30 MIRL 0.6% up S

RWY 16: VASI(V4L)—GA 3.75° TCH 40'. Trees.

RWY 34: Thld dspclcd 250'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 04-22 and Rwy 16-34, REIL Rwy 22 Twys A, B, C and ramp area—CTAF.

AIRPORT REMARKS: Attended Oct-Apr 1300-2100Z†, May-Sep 1300-2300Z†. Fuel avbl 24 hrs by credit card. 24-hr advanced notice required for all Jet A services after posted business hours. Parachute Jumping. Deer and birds on and in/ovf arpt. Seasonal bird activity AER 34, ctc arpt mgr for details 401-846-9400. Rwy cond may not be monitored or reported when arpt is unattended; call RIAC OPS 401-691-2265. PPR rqrd for jet acft. Arpt lctd in noise sensitive area. Populated areas to the south and north. Helicopters req to avoid main terminal ramp for parking or ldg. Please ctc arpt mgr. NS ABTMT procedures in effect, ctc arpt mgr 401-846-9400 for more info. Overngt parking fee. Ldg fee coml and non Rhode Island registered acft.

AIRPORT MANAGER: 401-846-9400

WEATHER DATA SOURCES: ASOS 132.075 (401) 846-5910.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

CLNC DEL 127.25

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VORW/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 164° 13.3 NM to fld. 49/14W.

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

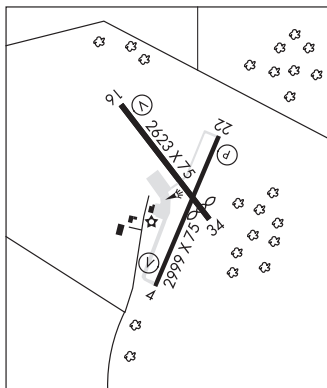
085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

LOC/DME 108.5 I-OTI Chan 22 Rwy 22. LOC unmonitored.



NORTH CENTRAL STATE (See PAWTUCKET on page 322)

NORTH KINGSTOWN

QUONSET STATE (OQU)(KOQU) P (ARNG ANG) 3 NE UTC-5(-4DT) N41°35.83'

NEW YORK
H-101, 11D, 12K, L-33C
IAP, DIAP, AD

W71°24.73'

18 B TPA—See Remarks LRA NOTAM FILE OQU

RWY 16-34: H7504X150 (ASPH-GRVD) D-175, 2S-175 HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RWY 34: PAPI(P4L)—GA 3.0° TCH 50'. Thld displcd 403'.

RWY 05-23: H4000X75 (ASPH) S-12.5 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Pole.

RWY 23: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 34: TORA-7500 TODA-7500 ASDA-7500 LDA-7100

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 05-23, HIRL

Rwy 16-34, MALSR Rwy 16, REIL Rwy 05 and Rwy 23, and PAPI

Rwy 05 and Rwy 23, and twy lghts—CTAF. MILITARY—FUEL A++ (Mil),

A+ (1200-0300Z‡ C401-295-5020. OT \$50 per hr fee)

(NC-100LL, A)

AIRPORT REMARKS: Attended Mon-Fri 1200-0300Z‡, Sat-Sun

1230-2230Z‡. NS ABTMT procedures for heavy acft, ctc arpt mgr

401-295-5020. Heavy acft 255,000 GWT. Twy R and Twy E clsd

indef. Lgt'd cranes 125' high at pier 1000' southeast of Rwy 05. Deer

and birds on and invof arpt. 180° turns for acft over 12,500 lbs GWT

prohibited on Rwy 16-34. Rwy 16 8000' avbl for mil acft. Rwy cond may not be monitored or reported when arpt is unattended, call arpt mgr 401-295-5020. Replica presidential acft lctd on general aviation ramp UFN. Ldg fee coml and non Rhode Island registered acft/overnight parking fee. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: RSTD 180° turns for acft over 12,500 lbs GWT prohibited on Rwy 16-34. MISC Rwy 16 8000' avbl for mil

acft only. TFC PAT TPA—Rotary/Wing 718 (700), Fixed/Wing 1018(1000). ANG PPR for svc and use of ANG park ramp only.

AMOPS opr 1200-2230Z‡ Wed, Fri 1200-0200Z‡ Tue, Thur, exc holidays, DSN 476-3404/3405,

C401-267-3404/3405. Tran acft inbound to ANG park ramp ctc Quahog, command post, 15 min prior to ldg. ANG OPS

DSN 476-3405/3422, C401-267-3405. Req all acft carrying DV transit the ANG ramp dur nml duty hr. BASH program

in effect. 1 Feb-30 Apr and 1 Aug-31 Oct are designated Phase II periods for migratory bird activity. Incr haz from

Canadian geese flying east to west over rwy. Inbnd acft ctc Quahog/Rhody ops for latest Bird Watch Cond. Acft req

cstms/AG ctc RHODY OPS 7 days prior arr. No hot cargo parking avbl. ARNG Opr Tue-Fri 1200-2230Z‡, exc hol. Ldt tran

maintenance, fuel and parking avbl. PPR fuel DSN 247-4539, C401-275-4539. Tran mil acft ctc ARNG OPS 38.95

253.4 if ldg ARNG ramp.

AIRPORT MANAGER: 401-295-5020

COMMUNICATIONS: CTAF 126.35 ATIS 118.6 (Tue-Fri 1300-0400Z‡, Sat 1400-2200Z‡ Sun 1500-2300Z‡) UNICOM 122.95

RCO 122.3 (BRIDGEPORT RADIO)

Ⓡ PROVIDENCE APP/DEP CON 123.675 380.25 244.875 (1045-0500Z‡)

BOSTON CENTER APP/DEP CON 124.85 307.9 (0500-1045Z‡)

AIRSPACE: CLASS D svc 1300-0400Z‡ Tue-Fri, 1400-2200Z‡ Sat, 1500-2300Z‡ Sun, clsd Mon & hol other times Class G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VORW/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 188° 7.7 NM to fld. 49/14W.

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

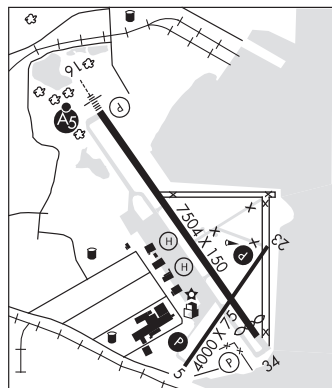
085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

ILS/DME 109.5 I-OQU Chan 32 Rwy 16. Class IT. Preventive maint sched 1400-1600Z‡ Thur. Unmonitored when twr clsd. LOC unusable byd 14 NM byd 7° r of course



PAWTUCKET

NORTH CENTRAL STATE (SFZ)(KSFZ) 3 E UTC-5(-4DT) N41°55.25' W71°29.49'

NEW YORK
H-101, 11D, 12K, L-33C, 34J
IAP

441 B LRA NOTAM FILE SFZ

RWY 05-23: H5000X100 (ASPH) S-30, D-60 HIRL

RWY 05: MALS. VASI(V4R)—GA 3.0° TCH 52'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

RWY 15-33: H3211X75 (ASPH) S-12.5 MIRL 0.5% up SE

RWY 15: REIL. PAPI(P4R)—GA 3.5° TCH 35'. Trees.

RWY 33: REIL. Trees.

SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE HIRL Rwy 05-23 and MIRL Rwy 15-33; PAPI Rwy 15 and Rwy 23; MALS Rwy 05 and REIL Rwy 15, Rwy 23 and Rwy 33 and Twy lghts—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z†. Parachute Jumping. Seasonal skydiving northeast side of afld. Deer and birds on and invof arpt. Lgtd 250 ft MSL tower 3 2/5 miles SE. +50' drop-off 250' from Rwy 05 end, +40' drop-off 250' from Rwy 23 end. For noise abatement, acft departing Rwy 23 maintain rwy heading for 1.1 miles prior to turn out. Overnight parking fee. Ldg fee for commercial acft and non-Rhode Island registered acft.

AIRPORT MANAGER: 401-333-8503

WEATHER DATA SOURCES: AWOS-3PT 120.025 (401) 334-0324.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **PROVIDENCE APP/DEP CON** 123.675 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

CLNC DEL 124.35

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 001° 12.1 NM to fld. 49/14W.

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

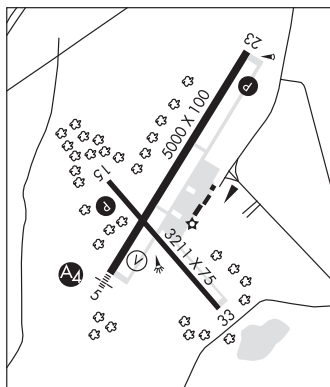
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 111° 15.9 NM to fld.

652/14W. NOTAM FILE BDR.

DME unusable:

265°-301° byd 36 NM blo 3,000'

LOC/DME 111.9 I-SFZ Chan 56 Rwy 05. LOC unmonitored.



PROVIDENCE**THEODORE FRANCIS GREEN STATE** (PVD)(KPVD) 6 S UTC-5(-4DT) N41°43.34'

NEW YORK

H-101, 11D, 12K, L-33C, 34J
IAP, AD

W71°25.66'

54 B LRA Class I, ARFF Index C NOTAM FILE PVD

RWY 05-23: H8700X150 (ASPH-GRVD) S-120, D-250, 2S-175,
2D-550, 2D/2D2-1120 PCN 75 F/A/W/T HIRL CL**RWY 05:** ALSF2. TDZL. RVR-TMR**RWY 23:** MALSR. VASI(V4L)—GA 3.0° TCH 45'. RVR-TMR Trees.**RWY 16-34:** H6081X150 (ASPH-GRVD) S-120, D-250, 2S-175,
2D-550, 2D/2D2-1120 PCN 75 F/A/W/T HIRL 0.3% up N**RWY 16:** REIL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-R Thld dspcd
565'. Pole.**RWY 34:** MALSR. PAPI(P4L)—GA 3.0° TCH 60'. RVR-T Trees.**ARRESTING GEAR/SYSTEM****RWY 05:** EMAS**RWY 16:** EMAS**RWY 34:** EMAS**SERVICE:** S4 **FUEL** 100LL, **JET A** **LGT** When twr clsd **ACTIVATE** HIRLRwys 05-23 and 16-34, **SSALR** Rwy 05, **MALSR** Rwys 23 and 34,

Rwy 05 TDZL and Rwy 05-23 cntrln lgts—CTAF. Rwy 05 ALSF2

becomes **SSALR** when twr clsd. Rwy 23 **VGSI** and glidepath not
coincident. **PAPI** Rwy 05 unusable byd 9 deg left of RCL.**AIRPORT REMARKS:** Attended continuously. Deer and birds on and in/ovfarprt. Rwy 16-34, 110' unmarked lgt poles 2700' from thld Rwy 34; 900' left of cntrln. **ASDE-X** in use. Operatetransponders with altitude reporting mode and **ADS-B** (if equipped) enabled on all airport surfaces. Terminal ramp

prohibited for use to general aviation. Parked acft on the northeast ramp west of Twy A. Be alert. Freq flt school, tran jet

acft, and vertical activity. Northwest ramp acft with wingspan greater than 110' req gnd crew assistance for thru taxi and

parking. Northeast ramp acft with wingspan greater than 150' req ground crew assistance for thru taxi and parking. Run

up pads for Twys F and Twy T clsd to acft with wingspan over 118'. Runup pad for Twy T used for overnight acft parking

btn 0100-1300Z†. Twy V clsd daily 0100-1300Z†, btn Rwy 16-34 and Twy C. **NS ABTMT** procedures in effect, ctcnoise mgr 401-691-2419. Helicopters avoid residential areas when blo 1000'. Gnd vehicles monitor **CTAF** when twr

clsd. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 401-691-2000**WEATHER DATA SOURCES:** **ASOS** 124.2 (401) 734-2818. **LLWAS.****COMMUNICATIONS:** **CTAF** 120.7 **D-ATIS** 124.2 401-737-3215**PROVIDENCE RCO** 122.6 (**BRIDGEPORT RADIO**)Ⓡ **PROVIDENCE APP/DEP CON** 123.675 (1045-0500Z†)**BOSTON CENTER APP/DEP CON** 124.85 (0500-1045Z†)**PROVIDENCE TOWER** 120.7 (1045-0500Z†) **GND CON** 121.9 **CLNC DEL** 126.65**BRIDGEPORT RADIO CLNC DEL** 122.6 (0500-1100Z†)**AIRSPACE:** **CLASS C** svc ctc **APP CON** svc 1045-0500Z† other times **CLASS E.****VOR TEST FACILITY (VOT)** 108.2**RADIO AIDS TO NAVIGATION:** NOTAM FILE PVD.**PROVIDENCE (H) VORW/DME** 115.6 PVD Chan 103 N41°43.46' W71°25.78' at fld. 49/14W.

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

ARMIN NDB (LOMW) 356 AR N41°48.62' W71°21.19' 227° 6.3 NM to fld. 70/15W.**ILS/DME** 109.3 I-PVD Chan 30 Rwy 05. Class IIIE. ILS/DME unmonitored when ATCT closed. Cat II and cat III

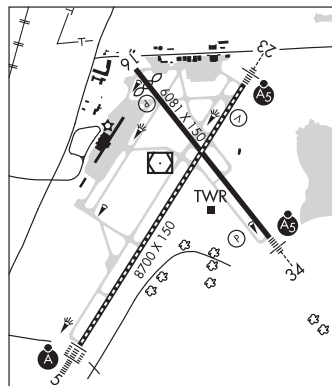
unavbl when ATCT closed.

ILS/DME 109.3 I-ARJ Chan 30 Rwy 23. Class IE. LOM **ARMIN NDB.** ILS/DME unmonitored when ATCT closed.

DME unusable byd 10 NM..

ILS/DME 111.5 I-UNQ Chan 52 Rwy 34. Class IE. ILS/DME unmonitored when ATCT closed. Glideslope unusable

byd 4° right of course.

COMM/NAV/WEATHER REMARKS: ILS/DME Rwy 05 **CAT II** and **CAT III** unavbl when twr clsd.

PROVIDENCE N41°43.46' W71°25.78' NOTAM FILE PVD.

NEW YORK

(H) VOR/DME 115.6 PVD Chan 103 at Theodore Francis Green State. 49/14W.

H-101, 11D, 12J, L-33C, 34J

VOR portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

DME portion unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 blo 3,000'

295°-330° byd 30 blo 6,000'

331°-084° byd 30 blo 3,000'

RCO 122.6 (BRIDGEPORT RADIO)

QUONSET STATE (See NORTH KINGSTOWN on page 321)

RICHMOND (See WEST KINGSTON on page 324)

SANDY POINT N41°10.05' W71°34.57' NOTAM FILE BID.

NEW YORK

(L) VOR/DME 117.8 SEY Chan 125 at Block Island State. 100/15W.

H-101, L-33C

DME unusable:

160°-164° byd 15 NM blo 2,000'

240°-270° byd 25 NM blo 3,000'

THEODORE FRANCIS GREEN STATE (See PROVIDENCE on page 323)

WEST KINGSTON

RICHMOND (Ø8R) 3 W GMT-5(-4DT) N41°29.37' W71°37.24'

NEW YORK

130 TPA—1130(1000) NOTAM FILE BDR

RWY 11-29: H2129X30 (ASPH) LIRL(NSTD)

RWY 11: Trees.

RWY 29: TRCV(TRIL)—GA 5.5°. Thld dspclcd 130'. Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE LIRL Rwy 11-29 and windsock lgts—CTAF. Rwy 11-29 NSTD LIRL located 30' from edge of pavement. Rwy 29 dspclcd thld lgtd and marked with white bar and number.

AIRPORT REMARKS: Attended 1400-2200Z†. Irregular hrs of opr. Call 401-783-1498 for acft requiring fuel. Ultralights on and invof arpt. Deer and birds on and invof arpt. Rwy 11 CLOSED nghts. +40' drop-off 150' from Rwy 29 end. +10' drop-off 200' from Rwy 11 end. Numerous perpendicular cracks and surface irregularities full length of rwy.

AIRPORT MANAGER: 401-783-1498

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

WESTERLY STATE (WST)(KWST) 2 SE UTC-5(-4DT) N41°20.98' W71°48.21'

81 B NOTAM FILE WST

NEW YORK

L-33C, 34I

IAP

RWY 07-25: H4010X100 (ASPH-GRVD) S-30, D-60 MIRL

0.7% up NE

RWY 07: MALSF. PAPI(P4R)—GA 3.5° TCH 46'. Trees.

RWY 25: REIL. VASI(V2L)—GA 3.5° TCH 36'. Trees.

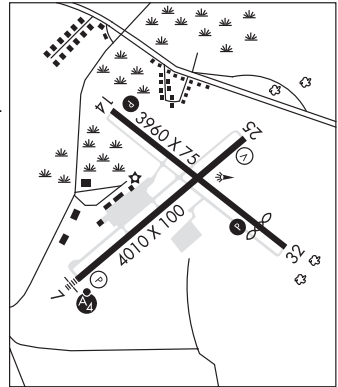
RWY 14-32: H3960X75 (ASPH) S-12.5 MIRL 0.6% up SE

RWY 14: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Trees.

RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Thld dsplcd 750'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 07-25 and Rwy 14-32, MALSF Rwy 07 and REIL Rwy 25, Rwy 14 and Rwy 32 and PAPI Rwy 14 and Rwy 32—CTAF.

AIRPORT REMARKS: Attended Fri-Tues 1200-2000Z†. For after hrs terminal apron access ctc arpt manager 401-596-2357. Self svc 100LL fuel avbl 24 hrs. Deer and birds on and invof arpt. Parachute jumping. Seasonal skydiving NW side of afld. Rwy 07-25 is the preferred calm wind rwy. Irregularly attended. Rwy conditions may not be monitored or reported when arpt is unattended, call arpt manager 401-596-2357. Arpt located in noise sensitive area and populated areas to the south and west should be avoided. NS ABTMT procedures in effect ctc arpt manager at 401-596-2357. Helicopter tours and banner tow ops on afld and blo 1000' along southern coast of Rhode Island. Overnight parking fee. Ldg fee for commercial and non Rhode Island registered acft.



AIRPORT MANAGER: 401-596-2357

WEATHER DATA SOURCES: ASOS 132.375 (401) 596-9543.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **PROVIDENCE APP/DEP CON** 119.45 (South of ORW) (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

GROTON (T) VOR/DME 110.85 **GON** Chan 45(Y) N41°19.82' W72°03.12' 098° 11.3 NM to fld. 9/14W.

VOR portion unusable:

241°-265° blo 5,000'

DME unusable:

355°-019° blo 3,000'

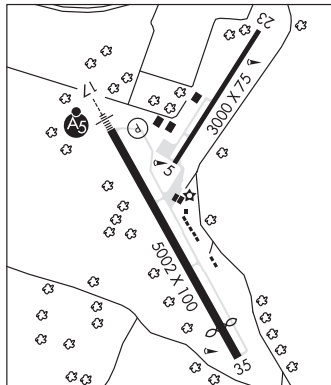
LOC/DME 108.9 I-RLS Chan 26 Rwy 07. LOC unmonitored.

BARRE/MONTPELIER**EDWARD F KNAPP STATE** (MPV)(KMPV) 3 W UTC-5(-4DT) N44°12.21' W72°33.73'**MONTREAL**
H-11D, 12K, L-32G
IAP

1166 B NOTAM FILE MPV

RWY 17-35: H5002X100 (ASPH) S-31, D-70, 2S-88 MIRL

1.5% up S

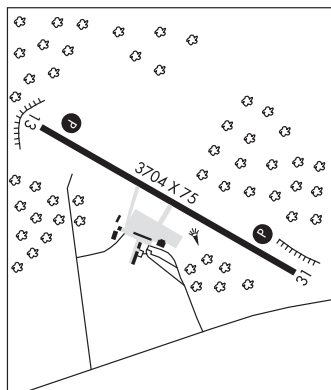
RWY 17: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.**RWY 35:** REIL. Thld dsplcd 487'. Trees.**RWY 05-23:** H3000X75 (ASPH) S-30, D-46 MIRL 1.0% up SW**RWY 05:** Trees.**SERVICE:** S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 17-35 and MALSR Rwy 17—CTAF.**AIRPORT REMARKS:** Attended 1300-2200Z†. Fld condition report may not be avbl and/or current at ngt. Rwy conditions may not be monitored or reported when the arpt is unattended. 33' tree, 97' right of centerline and 1282' from Rwy 35 end. 41' tree, 270' left of centerline and 660' from Rwy 17 end. Cold temperature rstd arpt. Altitude correction required at or below -20C.**AIRPORT MANAGER:** (802) 272-3574**WEATHER DATA SOURCES:** ASOS 132.675 (802) 229-2037.**COMMUNICATIONS:** CTAF/UNICOM 122.8**MONTPELIER RCO** 122.2 122.6 (BURLINGTON RADIO)**BOSTON CENTER APP/DEP CON** 135.7**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (L) VOR/DME** 110.8 MPV Chan 45 N44°05.13' W72°26.96' 342° 8.6 NM to fld. 2080/16W.**ILS/DME** 108.7 I-MPV Chan 24 Rwy 17. Class IA. DME unmonitored. Localizer unusable byd 28° right of course.**COMM/NAV/WEATHER REMARKS:** UNICOM base station not manned continuously.**BASIN HARBOR** (See VERGENNES on page 332)**BENNINGTON****WILLIAM H MORSE STATE** (DDH)(KDDH) 3 W UTC-5(-4DT) N42°53.47' W73°14.77'**NEW YORK**
L-32G, 33B, 34J
IAP

827 B NOTAM FILE DDH

RWY 13-31: H3704X75 (ASPH) S-12.5 MIRL 0.9% up SE**RWY 13:** REIL. PAPI(P4L)—GA 4.0° TCH 45'. Hill.**RWY 31:** REIL. PAPI(P4R)—GA 4.0° TCH 45'. Ground. Rgt tfc.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 13-31 and REIL Rwy 13 and Rwy 31 and PAPI Rwy 13 and Rwy 31—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1200-2200Z†. Sat-Sun on call. For arpt attendance call 1-802-442-5503 or 1-802-595-5830 for on-call svcs only. Rwy conditions may not be monitored or reported when the arpt is unattended. 100LL self-svc avbl 24 hrs. Mountains all quadrants. Geese on and invof arpt. Rwy 13 thld hazardous bird activity. NS ABTMT procedures in effect. Avoid overflying homes SE of arpt. Noise sensitive area AER 31. Preferred use rwy is Rwy 13. If practical acft departing Rwy 13 use best climb rate and when above 400' AGL turn left within 1 mile of departure end of Rwy 13. Air tfc pat ops prohibited south of Rwy 13 and Rwy 31. Cold temperature rstd arpt. Altitude correction required at or blo -17C.**AIRPORT MANAGER:** 802-442-5503**WEATHER DATA SOURCES:** ASOS 135.925 (802) 442-6059.**COMMUNICATIONS:** CTAF/UNICOM 122.8**ALBANY APP/DEP CON** 132.825**GCO** 121.725 (BTV CD and FLIGHT SERVICES. OTS INDEFLY)**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTV.**CAMBRIDGE (L) VOR/DME** 115.0 CAM Chan 97 N42°59.66' W73°20.64' 159° 7.5 NM to fld. 1490/14W.**HIWAS.**

DME portion unusable:

040°-130° blo 9,000'



BURLINGTON INTL (BTV)(KBTV) P (ANG ARNG) 3 E UTC-5(-4DT) N44°28.32' W73°09.20'

MONTREAL
H-11C, 12K, L-32G
IAP, AD

335 B AOE Class I, ARFF Index B NOTAM FILE BTV

RWY 15-33: H8319X150 (ASPH-CONC-GRVD) S-100, D-175, 2S-175, 2D-355 HIRL
RWY 15: MALSFR. PAPI(P4R)—GA 3.0° TCH 51'. RVR-TR Trees. 0.6% up.

RWY 33: MALSFR. PAPI(P4R)—GA 3.2° TCH 53'. RVR-TR Thld dspclcd 500'. Trees.

RWY 01-19: H4112X75 (ASPH) S-30, D-40, 2D-60 MIRL

RWY 01: PAPI(P4R)—GA 3.5° TCH 40'. Thld dspclcd 225'. Tree.

RWY 19: PAPI(P4R)—GA 3.0° TCH 42'. Thld dspclcd 500'.

LAND AND HOLD-SHORT OPERATIONS

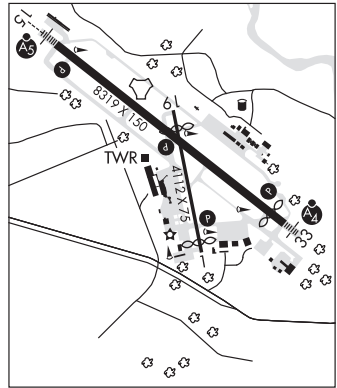
LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 01	15-33	2600
RWY 15	TXY A	3600
RWY 33	01-19	2900

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA-3611	TODA-3611	ASDA-3611	LDA-3386
RWY 15:	TORA-7820	TODA-7820	ASDA-7820	LDA-7820
RWY 19:	TORA-4111	TODA-4111	ASDA-4111	LDA-3386
RWY 33:	TORA-8320	TODA-8320	ASDA-8320	LDA-7820

ARRESTING GEAR/SYSTEM

RWY 15 TYPE H/BAK-12A (B) 1499 FT.



TYPE H/BAK-12A (B) 1500 FT **RWY 33**

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTIVATE PAPI Rwy 01, Rwy 15, Rwy 19 and Rwy 33, MALSFR Rwy 15 and MALSFR Rwy 33—CTAF. ACTIVATE MIRL Rwy 01-19 and HIRL Rwy 15-33 and all twys—CTAF. NSTD twy lgts on Twy E. Twy K edge lgt changed to edge reflectors. **MILITARY—A-GEAR** - Type-H BAK-12A(B) apch end Rwy 33 lctd 1000' fr dspcl thld. Rwy 15 and Rwy 33 A-G housings are non-frangible (26 in abv grd level) lctd 250' fr rwy cntn. **JASU** 5(MD-4) 9(M32A-60) **FUEL** J8(Mil) (NC-100LL, A, A+ - Btn 0200-0900Z‡, 1 hr PPR for FBO, call C802-863-3626.) **FLUID** SP LOX **OIL** O-133-148(Mil) SOAP.

AIRPORT REMARKS: Attended continuously. Fixed based opr clsd exc 1 hr PPR 802-863-3626 daily 0700-1400Z‡. Fighter acft rstd to tkf window of Mon-Sat 1330-0330Z‡, Sun 1700-0330Z‡. CAUTION: generating plant 2 NM from AER 15 produces steam which may obscure visibility on final apch. Birds and deer on and invof arpt. Air carrier ramp not avbl for pvt/charter acft. Twy A between Twy G and Twy C clsd to acft wingspan more than 115' exc 1 hr PPR 802-316-6014 daily. Primary twy for Mil non-fighter acft arr/dep is E. Twy L clsd to acft over 60,000 lbs. Twys D, E, F and N clsd to civ ops. Twys D, E, F, N, ANG and Army National Guard ramps have unctd vehicle and acft. Twy M is seasonal. ARNG: PPR all acft svc DSN 636-3503. C802-338-3503. Opr 1230-2200Z‡ Mon-Fri. All tran acft enroutc Ethan Allen training site and R6501A must stop at AASF for rqr safety brief. ARFF avbl 24 hrs a day. A-Gear Type H/BAK-12A(B) AER 33 lctd 1000' from dspclcd thld. Type H/BAK 12A(B) cable raised by twr on pilot req only. Fighter acft no low apchs. All other mil acft ltd to 2 practice apchs. Do not fly over hospital aprx 1.5 NM west of Rwy 15 apch end. Rwy 01-19 south of Rwy 15-33 int to Twy C, single wheel 100, dual tandem wheel 355, south of Twy C int to south end of rwy, single wheel 30, dual wheel 60. Cold temperature rstd arpt. Alt correction rqr'd at or blo -10°C. Acft turn around clearances on Twy K south of Twy J limited to acft design group II or smaller. Fee for itinerant acft greater than 6000 lbs. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 802-863-2874

WEATHER DATA SOURCES: ASOS 123.8 (802) 657-4490. HIWAS 117.5 BTV.

COMMUNICATIONS: ATIS 123.8 (802-657-4424) CTAF 118.3 UNICOM 122.95

RCO 122.6 122.2 (BURLINGTON RADIO)

Ⓡ APP/DEP CON 121.1 (1030-0500Z‡)

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1030Z‡)

TOWER 118.3 (1030-0500Z‡) GND CON 126.3 CLNC DEL 119.15 ANG OPS 134.1 41.2

AIRSPACE: CLASS C svc ctc APP CON svc 1030-0500Z‡ other times CLASS E.

VOR TEST FACILITY (VOT) 109.0

CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

(L) **VORW/DME** 117.5 BTW Chan 122 N44°23.83' W73°10.96' 031° 4.7 NM to fld. 416/15W. **HIWAS.**

VOR unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

DME portion unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

(L) **TACAN** Chan 71 BJA (112.4) N44°28.62' W73°09.41' at fld. 309/15W.

TACAN unusable:

010°-089°

090°-124° blo 11,000'

160°-170° byd 25NM blo 7,000'

HERRO NDB (LOMW) 382 BT N44°31.94' W73°14.97' 146° 5.5 NM to fld. 130/15W.

ILS/DME 110.3 I-BTV Chan 40 Rwy 15. Class IB. LOM HERRO NDB. LOM unmonitored 0600-1000Z†.

ILS/DME 110.3 I-VOE Chan 40 Rwy 33. LOC unusable byd 10 NM blo 2,700' LOC unusable byd 13 NM blo 4,700'

CALEDONIA CO (See LYNDONVILLE on page 329)

DEERFIELD VALLEY RGNL (See WEST DOVER on page 333)

EDWARD F KNAPP STATE (See BARRE/MONTPELIER on page 326)

FRANKLIN CO STATE (See HIGHGATE on page 328)

HARTNESS STATE (SPRINGFIELD) (See SPRINGFIELD on page 332)

HERRO N44°31.94' W73°14.97' NOTAM FILE BTW.

MONTREAL

NDB (LOMW) 382 BT 146° 5.5 NM to Burlington Intl. 130/15W.

HIGHGATE

FRANKLIN CO STATE (FSO)(KFSO) 3 W UTC-5(-4DT) N44°56.42' W73°05.85'

MONTREAL

228 B LRA NOTAM FILE BTW

L-32G

RWY 01-19: H3001X60 (ASPH) S-12.5 MIRL

IAP

RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 35'. Tree.

RWY 19: REIL. Tree.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 01-19, PAPI Rwy 01 and REIL Rwy 01 and Rwy 19—CTAF. Rwy 01 Visual Glideslope Indicator and glidepath not coincident.

AIRPORT REMARKS: Attended Nov-Mar 1330-2200Z†, Apr-Oct 1230-2200Z†. Fuel avbl 24 hrs self serve. Seagulls invof arpt. Military equipment may be near the rwy. Turf ldg area east side of Rwy 01-19, no simultaneous ops. Rwy conditions may not be monitored or reported when the arpt is unattended.

AIRPORT MANAGER: 802-868-2822

WEATHER DATA SOURCES: AWOS-3 119.025 (802) 868-9941.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **BURLINGTON APP/DEP CON** 121.1 (EAST) 126.3 (WEST) (1030-0500Z†)

® **BOSTON CENTER APP/DEP CON** 120.35 (0500-1030Z†)

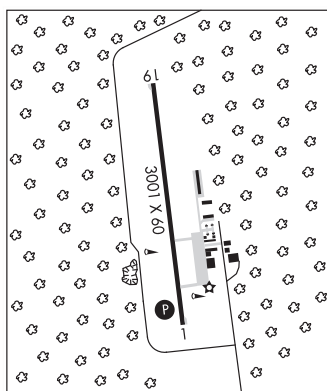
GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)

RADIO AIDS TO NAVIGATION:

ST JEAN VORTAC (BTVORTAC) 115.8 YJN Chan 105 N45°15.35'

W73°19.28' 169° 21.2 NM to fld. 230/16W.

COMM/NAV/WEATHER REMARKS: YJN VORTAC is in Canada—check Montreal QB (YUL) NOTAMS for outages or restrictions.



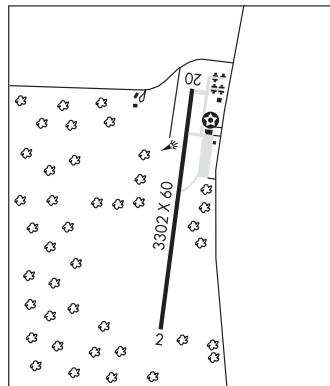
ISLAND POND

JOHN H BOYLAN STATE (ISLAND POND) (5B1) 3 SE UTC-5(-4DT) N44°47.40' W71°49.59' **MONTREAL**
 1194 NOTAM FILE BTV
RWY 14-32: 2650X120 (TURF) 0.8% up NW
RWY 14: Trees.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. Ski operations only in winter. Rwy 14-32 thlds marked with yellow cones.
AIRPORT MANAGER: (802) 828-1735
COMMUNICATIONS: CTAF/UNICOM 122.9

JOHN H BOYLAN STATE (ISLAND POND) (See ISLAND POND on page 329)

LYNDONVILLE

CALEDONIA CO (CDA)(KCDA) 3 N UTC-5(-4DT) N44°34.15' W72°01.08' **MONTREAL**
 1188 B TPA-2200(1012) NOTAM FILE BTV **L-32H**
RWY 02-20: H3302X60 (ASPH) S-12.5 MIRL 0.3% up N **IAP**
RWY 02: REIL. Trees.
RWY 20: Trees.
SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 02-20-CTAF.
 ACTIVATE arpt rotating bcn-CTAF.
AIRPORT REMARKS: Attended Jan-Dec Mon-Fri 1300-2100Z±. Self-svc fuel 24 hrs with major credit card. Deer and wildlife on and invof arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Rising terrain 600' from thld of Rwy 02. For emergency acft maintenance call 802-334-5001. Bring own rope tiedowns.
AIRPORT MANAGER: 802-626-3353
WEATHER DATA SOURCES: AWOS-3 119.275 (802) 626-4532.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13' W72°26.96' 048° 34.5 NM to fld. 2080/16W.



MIDDLEBURY STATE (6BØ) 3 SE UTC-5(-4DT) N43°59.13' W73°05.73' **NEW YORK**
 490 TPA-See Remarks NOTAM FILE BTV
RWY 01-19: H2500X50 (ASPH) S-12.5 0.5% up N
RWY 01: Trees.
RWY 19: Trees. Rgt tfc.
SERVICE: S4 FUEL 100LL
AIRPORT REMARKS: Attended Mon-Fri 1300Z±-dusk. Parachute activity on weekends monitor NOTAMS for times. Self-svc fuel with credit card. High hills east of arpt. No line of sight between rwy ends. Rwy conditions may not be monitored or reported when the arpt is unattended. TPA-1300(810), multi-engine TPA 1500(1010). Ultralight and AG acft activity on and invof arpt. Rwy 01-19 has several acft tie downs located in twy safety area and obstruction free zone, pilots should carefully monitor wing tip clearances and use caution while taxiing acft.
AIRPORT MANAGER: 802-388-1800
WEATHER DATA SOURCES: ASOS 118.575 (802) 388-0255.
COMMUNICATIONS: CTAF/UNICOM 122.8

MONTPELIER N44°05.13' W72°26.96' NOTAM FILE MPV. **MONTREAL**
 (L) VORW/DME 110.8 MPV Chan 45 342° 8.6 NM to Edward F Knapp State. 2080/16W. **L-32G**
RCO 122.2 122.6 (BURLINGTON RADIO)

MORRISVILLE–STOWE STATE (MVL)(KMVL) 2 SW UTC–5(–4DT) N44°32.06' W72°36.84'

MONTREAL

733 B NOTAM FILE MVL

L–32G

RWY 01–19: H3700X75 (ASPH) S–25 PCN 12 F/A/X/T MIRL

IAP

0.5% up N

RWY 01: REIL. P–line.

RWY 19: REIL. PAPI(P2L)—GA 3.5° TCH 31'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 01 and Rwy 19, PAPI Rwy 19, MIRL Rwy 01–19—CTAF.

AIRPORT REMARKS: Attended 1200–0000Z†. For fuel and svcs after hrs and information call 802–253–2332. Rwy conditions may not be monitored or reported when the arpt is unattended. Glider ops dalgt hrs May–Oct. Rwy 01 glider opr are right traffic. 3' swales middle 1/3 of rwy on east and west sides outside of rwy safety area. Cold temperature rstd arpt. Altitude correction required at or blo –15C.

AIRPORT MANAGER: (802) 253-2332

WEATHER DATA SOURCES: ASOS 135.625 (802) 888–7934.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

BURLINGTON (L) VOR/DME 117.5 BTW Chan 122 N44°23.83'

W73°10.96' 086° 25.8 NM to fld. 416/15W. **HIWAS.**

VOR unusable:

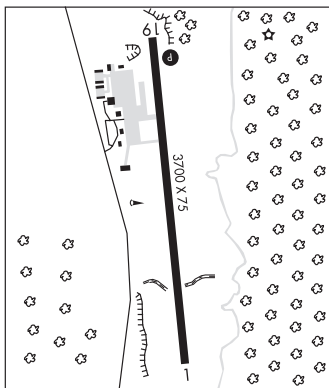
075°–132° byd 30 NM blo 9,000'

133°–165° byd 30 NM blo 8,000'

DME portion unusable:

075°–132° byd 30 NM blo 9,000'

133°–165° byd 30 NM blo 8,000'



NEWPORT STATE (EFK)(KEFK) 3 SW UTC–5(–4DT) N44°53.28' W72°13.72'

MONTREAL

934 B LRA NOTAM FILE BTW

H–11D, L–32H

RWY 18–36: H5000X100 (ASPH) S–30, D–44 MIRL

IAP

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 43'.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Pole.

RWY 05–23: H3996X100 (ASPH) S–30, D–44

RWY 05: Trees.

RWY 23: Pole.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 18–36 and PAPI Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1400–2200Z†. Fuel 24/7 self serve. Mobile fuel vehicle when attended. Rwy conditions may not be monitored or reported when the arpt is unattended. Gulls on and in vicinity of arpt. Visual glideslope indicator and descent angles not coincident. Cold temperature rstd arpt. Altitude correction required at or blo –30°C.

AIRPORT MANAGER: 802-334-5001

WEATHER DATA SOURCES: AWOS–3 118.275 (802) 334–4427.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEWPORT RCO. 122.5 (BURLINGTON RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VOR/DME 110.4 BML Chan 41 N44°38.00'

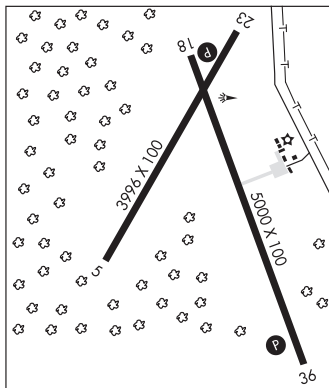
W71°11.17' 306° 47.1 NM to fld. 1731/17W. **HIWAS.**

VOR/DME unusable:

120°–130° blo 6,500'

160°–180° blo 6,000'

295°–305° blo 6,000'



POST MILLS (2B9) 0 E UTC-5(-4DT) N43°53.02' W72°15.13'

NEW YORK

696 NOTAM FILE BTV

RWY 04-22: 2900X80 (TURF)

RWY 04: Trees. Rgt tfc.

RWY 22: Road.

RWY 05-23: 2300X80 (TURF) 0.8% up NE

RWY 05: Trees. Rgt tfc.

RWY 23: Road.

SERVICE: S2

AIRPORT REMARKS: Attended irregularly. Ultralights; gliders and hot air balloons on and invof arpt. Trees 400' from end of Rwys 22 and 23. No snow removal. Arpt open to ski acft only when snow covered. Call 802-333-9254 for info. Propane avbl for hot air balloons.

AIRPORT MANAGER: 802-333-9254

COMMUNICATIONS: CTAF/UNICOM 122.8

RUTLAND N43°31.77' W72°56.72'

RCO 122.3 (BURLINGTON RADIO)

RUTLAND – SOUTHERN VERMONT RGNL (RUT)(KRUT) 5 S UTC-5(-4DT) N43°31.78'

NEW YORK

W72°56.98'

H-11D, 12K, L-32G

787 B TPA-1787(1000) Class IV, ARFF Index A NOTAM FILE RUT

IAF

RWY 01-19: H5303X100 (ASPH-GRVD) S-40, D-68, 2S-86

PCN 30 F/D/X/U MIRL

RWY 01: PVASI(PSIR)—GA 3.5° TCH 17'. Thld dsplcd 300'. Hill.

RWY 19: MALS. PAPI(P4L)—GA 3.2° TCH 55'. Rgt tfc.

RWY 13-31: H3170X75 (ASPH) S-30 PCN 5 F/D/X/U MIRL

RWY 13: REIL. PAPI(P2L)—GA 3.75° TCH 34'. Road.

RWY 31: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5303 TODA-5303 ASDA-5303 LDA-5003

RWY 19: TORA-5003 TODA-5003 ASDA-5003 LDA-5003

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 01 PVASI unusable right of centerline, baffled. PVASI unusable byd 2.5 NM due to rising terrain. ACTIVATE MIRL Rwy 01-19 and Rwy 13-31, MALS. Rwy 19, REIL Rwy 13 and Rwy 19—CTAF.

AIRPORT REMARKS: Attended 1200-0100Z. For after hrs svc call 802-773-3348. Rwy conditions may not be monitored or reported when the arpt is unattended. Birds on and invof arpt. Rwy 13-31 not avbl for ldgs and takeoffs by air carriers with 10 or more passenger seats. CLOSED to unscheduled air carrier ops with more than 9 passenger seats except 48 hr PPR call arpt manager 802-786-8881. Acft with wing spans exceeding 79' authorized to use Twy A and Twy B east of Rwy 01-19, and Rwy 13-31 for taxiing, and Rws 01 and 19 for txf and ldg. Acft with wingspans exceeding 79' authorized to use Twy H and Twy B east of Rwy 01-19 and Rwy 13-31 for taxiing and Rwy 01-19 for tkof and ldg. 150' turnaround at end of Rwy 19. Noise sensitive area southeast of arpt ctc arpt manager. Type I and type IV deicing avbl. Cold temperature rstd arpt. Alt correction rqrd at or blo -4C. Ldg/parking fees may apply for non-based acft.

AIRPORT MANAGER: 802-786-8881

WEATHER DATA SOURCES: AWOS-3PT 118.375 (802) 747-3044.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE RUT.

(T) **VOR/DME** 111.0 RUT Chan 47 N43°31.60' W72°57.04' at fld. 782/15W.

VOR/DME unusable:

024°-116°

230°-310° byd 15 NM blo 8,000'

117°-191° byd 15 NM blo 8,000'

SMUTO NDB (MHW) 221 DYO N43°42.37' W72°57.40' 193° 10.6 NM to fld. 1139/15W.

NDB unusable:

351°-189° byd 15 NM

ILS/DME 111.7 I-RUT Chan 54 Rwy 19. Class ID. LOC only. Unmonitored. Glideslope unusable byd 4.00° right of course.



SHELBURNE (VT8) 2 S UTC-5(-4DT) N44°21.62' W73°13.58'

MONTREAL

325 NOTAM FILE BTV

RWY 01-19: 3077X60 (TURF)**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S4 FUEL MOGAS**AIRPORT REMARKS:** Attended daylight hours. No line of sight between rwy ends. Call arpt manager 802-985-2100 in advance for rwy conditions. Trees with heights of 50' to 65' at rwy thlds, both ends.**AIRPORT MANAGER:** 802-985-2100**COMMUNICATIONS:** CTAF/UNICOM 122.8**SMUTO** N43°42.37' W72°57.40' NOTAM FILE RUT.

NEW YORK

NDB (MHW) 221 DY0 193° 10.6 NM to Rutland - Southern Vermont Rgnl. 1139/15W.

L-32G

NDB unusable:

351°-189° byd 15 NM

SPRINGFIELD**HARTNESS STATE (SPRINGFIELD)** (VSF)(KVVSF) 3 NW UTC-5(-4DT) N43°20.62' W72°31.04'

NEW YORK

578 B TPA—See Remarks NOTAM FILE VSF

H-11D, 12K, L-32G

RWY 05-23: H5501X100 (ASPH) S-32, D-45 MIRL 0.3% up SW

IAP

RWY 05: REIL. VASI(V4L)—GA 4.0° TCH 59'. Trees.**RWY 23:** Trees.**RWY 11-29:** H3000X75 (ASPH) S-30 MIRL 0.3% up W**RWY 11:** Trees.**SERVICE:** S4 FUEL 100LL, JET A, A+**AIRPORT REMARKS:** Attended Jan-Dec Sun-Sat 1200-2300Z±. Geese on and invof arpt. Gliders on and invof arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Noise sensitive area west of arpt. Rwy 23 is preferred for day, VFR, no wind conditions.

TPA—1601(1023), multi-engine 2101(1523). Maintain recommended TPA on downwind leg for Rwy 05. Apron and Twys A and B pavement capacity is S-46, D-62. Cold temperature rstd arpt. Altitude correction required at or blo -24°C.

AIRPORT MANAGER: (802) 886-2647**WEATHER DATA SOURCES:** ASOS 121.425 (802) 886-6006.**COMMUNICATIONS:** CTAF/UNICOM 122.8**SPRINGFIELD RCO** 122.5 (BURLINGTON RADIO)® **BOSTON CENTER APP/DEP CON** 134.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE LEB.**LEBANON (L) VOR/DME** 113.7 LEB Chan 84 N43°40.73' W72°12.96' 228° 24.0 NM to fld. 1443/15W.

VOR portion unusable:

095°-115° byd 30 NM blo 7,000'

DME portion unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'

LOC/DME 111.3 I-VSF Chan 50 Rwy 05. LOC/DME unmonitored. DME unusable byd 11 NM blo 3,500'; byd 20° right of course.**VERGENNES****BASIN HARBOR** (B06) 4 NW UTC-5(-4DT) N44°11.75' W73°20.97'

MONTREAL

132 NOTAM FILE BTV

RWY 02-20: 3000X90 (TURF)**RWY 02:** Trees.**RWY 20:** Trees.**AIRPORT REMARKS:** Attended May 15-Oct 15 SR-SS. Arpt CLOSED from late Fall to early Spring—ctc arpt manager 802-475-2311. Gliders on and invof arpt. Birds on and invof arpt. Primary surface area deficient, cluttered with trees. Rwy 02-20 outlined with orange barrels. Rwy surface soft after heavy rain.**AIRPORT MANAGER:** 802-475-2311**COMMUNICATIONS:** CTAF/UNICOM 122.8

WARREN-SUGARBUSH (ØB7) 2 E UTC-5(-4DT) N44°07.04' W72°49.62'

MONTREAL

1470 NOTAM FILE BTV

RWY 04-22: H2575X30 (ASPH) S-8.5 0.5% up SW**RWY 04:** Tree. Rgt tfc.**RWY 22:** Tree.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Attended May-Oct 1400-2300Z. Arpt CLOSED Nov-Apr. Fuel self-serve. Extensive glider activity on arpt sfc to 18,000' dalgt hrs. Occasional aerobatic activity, arpt may be CLOSED during this activity; check NOTAMS. No line of sight between rwy ends. Touch and go ldrs not permitted. Grass areas not authorized for tkfs and ldrs without first checking UNICOM for fld condns.**AIRPORT MANAGER:** 802-496-2290**COMMUNICATIONS:** CTAF/UNICOM 123.0**WEST DOVER****DEERFIELD VALLEY RGNL** (4V8) 1 SW UTC-5(-4DT) N42°55.63' W72°51.94'

NEW YORK

1953 NOTAM FILE BTV

L-326, 33C

RWY 01-19: H2650X75 (ASPH) MIRL

IAP

RWY 01: Trees.**RWY 19:** Trees.**SERVICE:** LGT Rwy 01-19 MIRL, thld lghts all missing.**AIRPORT REMARKS:** Unattended. Fuel avbl 24 hrs with credit card. Rental car avbl 802-447-2203 opt 4. Ldg fee.**AIRPORT MANAGER:** (802) 490-0775**COMMUNICATIONS:** CTAF/UNICOM 122.8**BOSTON CENTER APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE EEN.**KEENE (L) VORTAC** 109.4 EEN Chan 31 N42°47.66' W72°17.51' 302° 26.5 NM to fld. 1380/14W.

VOR portion unusable:

017°-027° byd 20 NM

037°-047° byd 20 NM

070°-085° byd 25 NM blo 9,000'

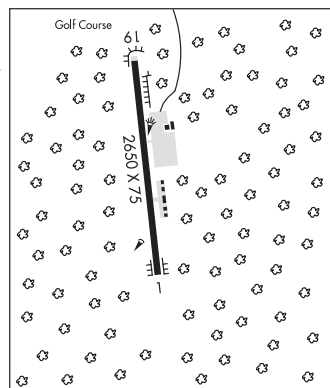
100°-110°

165°-185° byd 10 NM blo 6,000'

180°-225° byd 15 NM

TAC portion unusable:

070°-085° byd 25 NM blo 9,000'

**WILLIAM H MORSE STATE** (See BENNINGTON on page 326)

A P HILL AAF (FORT A P HILL) (APH)(KAPH) A 2 NW UTC-5(-4DT) N38°04.13' W77°19.14' WASHINGTON
 220 TPA—See Remarks NOTAM FILE DCA Not insp. L-34E, 36H

RWY 05-23: 2202X100 (TURF)

RWY 23: Rgt ttc.

SERVICE: **MILITARY—FUEL J8** – Avbl 1300–2045Z† Mon–Fri exc hol with 24 hr ntc DSN 578–8360 C804–633–8360.

MILITARY REMARKS: Attended Mon–Fri 1300–2100Z†, excluding holidays, other times on request. **RSTD** Rotary wing acft only. 24 hr PPR 804–633–8272. Sod Rwy 05–23 and Rwy 11–29. Rwy 11–29 primary use parking and refuel. Rwy 11–29 CLOSED to arriving/departing ttc. Advisory svc by aviation opr 1300–2130Z† Mon–Fri exc hol. Other times by range control staff. 24 hr PPR all acft DSN 578–8713/8272 C804–633–8713/8272. **CAUTION** Range impact area R-6601 located 600 meters southeast from midfield int. Range impact area R-6601 located 600 meters southeast of Rwy 05–23. **TFC PAT** TPA-900(680) **MISC** 40X40 conc pad southeast of rwy at midfld. Flt plan open/clsd with FSS C877–487–6867. Fone avbl under shelter adj to twr. Attended/advisory svc from range control Mon–Fri.

COMMUNICATIONS: **CTAF** 126.2
POTOMAC APP/DEP CON 126.75
HILL ADVSY/RANGE CTL 38.5 126.2 (HILL RCO)

RADIO AIDS TO NAVIGATION: NOTAM FILE EZF.

SHANNON NDB (MHW) 237 EZF N38°15.98' W77°27.03' 162° 13.4 NM to fld, 83/10W, NDB unmonitored when arpt unatndd.
 NDB unusable:
 Byd 15 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866–640–4124.

ABINGDON

VIRGINIA HIGHLANDS (VJI)(KVJI) 2 W UTC-5(-4DT) N36°41.23' W82°02.00' CINCINNATI
 2087 B TPA—3077(990) NOTAM FILE VJI L-26H
RWY 06-24: H4471X75 (ASPH) S-12.5 MIRL S-12.5 0.6% up NE IAP

RWY 06: Brush.

RWY 24: ODALS. REIL. PAPI(P2L)—GA 4.0° TCH 32'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 06-24, PAPI Rwy 24, ODALS Rwy 24 and REIL Rwy 24—CTAF.

AIRPORT REMARKS: Attended 1200–0000Z†. Unattended New Years Day, July 4th, Thanksgiving, Christmas day. For fuel after hrs, arrange before 0000Z† at 276–628–6030 or 888–309–7646. There is a fee, ctc FBO. Anti-icing fuel additive avbl. Wildlife on and invof arpt. Ultralights on and invof arpt.

AIRPORT MANAGER: 276-628-2909

WEATHER DATA SOURCES: AWOS-3 128.125 (276) 628-2940.

COMMUNICATIONS: **CTAF/UNICOM** 122.8

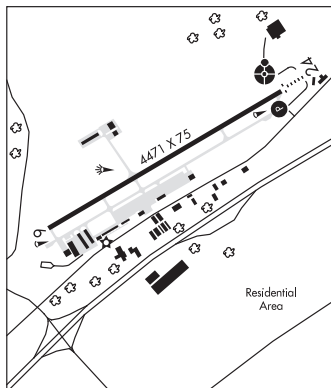
® **TRI CITY APP/DEP CON** 125.25 (1100-0500Z†)

® **ATLANTA CENTER APP/DEP CON** 127.85 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BNA.

HOLSTON MOUNTAIN (L) VORTAC 114.6 H MV Chan 93 N36°26.22' W82°07.78' 021° 15.7 NM to fld. 4321/4W.

LOC/DME 108.3 I-VJI Chan 20 Rwy 24. LOC unmonitored when arpt unatndd. LOC unusable byd 30 degrees right of course. LOC unusable byd 20 degrees left of course.



ACCOMACK CO (See MELFA on page 358)

ACCOM N37°34.22' W75°47.90' NOTAM FILE DCA. WASHINGTON
NDB (MHW) 336 BDB 032° 4.9 NM to Accomack Co. 26/11W.

ALLEN C PERKINSON BLACKSTONE AAF (BKT)(KBKT) MIL/CIV A 2 E UTC-5(-4DT) N37°04.49' WASHINGTON
 W77°57.40' L-36H
 437 B NOTAM FILE DCA IAP, DIAP, AD

RWY 04-22: H5333X150 (CONC) PCN 64 R/C/W/T MIRL 0.7% up NE
RWY 04: Tree.

RWY 22: Thld dsplcd 700'. Tree.

SERVICE: FUEL 100LL, JET A LGT When twr clsd ACTIVATE MIRL Rwy 04-22—CTAF. **MILITARY—FUEL** J8 (Mil), A+ (Opr 1300-2200Z±, C434-292-7251, OT C434-292-7558 1 hr prior notice for after hours) (NC-100LL, A).

AIRPORT REMARKS: Attended Mon-Fri 1230-2130Z±. Clsd federal holidays. Parachute Jumping. Ultralight activity on and around afld. Crash/Rescue svc DSN 441-2217. Unmanned Aerial Vehicle (UAV) activity on and around airfield. Rwy 22 has 700' relocated thld. Avoid flt over ammunition supply point. Jet and military training within 20 NM radius. Extensive C-130 tfc and frequent parachute drops.

MILITARY REMARKS: Ctc PTS DIV FORT PICKET 804-292-8506. **RSTD** 24 hr PPR DSN 434-292-2193 for ldg at post helipads. Military opr call C434-292-2193/2047. Rwy 04-22 PPR and rwy condition call C434-292-2193. **MISC** Crash/Rescue svc DSN 441-2217.

AIRPORT MANAGER: 434-292-8622

WEATHER DATA SOURCES: AWOS-3 119.225 (434) 292-1400.

COMMUNICATIONS: CTAF 126.2

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75 377.1

BLACKSTONE TOWER 126.2 241.0 292.7 (Mon-Fri 1300-2130Z±, exc federal holidays, other times by NOTAM)

RANGE OPS 34.1 36.1 121.5 243.0

AIRSPACE: CLASS D svc 1300-2130Z± Mon-Fri except federal holidays, ot by NOTAM other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08' W77°54.18' 358° 15.6 NM to fld. 350/8W.

SHUTDOWN.

VOR unusable:

090° blo 7,000'

090° byd 20 NM

091°-105°

106° blo 7,500'

106° byd 27 NM

107°-170°

171°-280° blo 6,000'

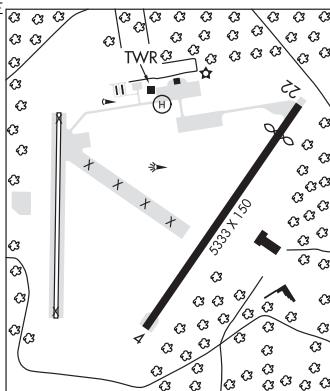
201°-325° byd 17 NM blo 9,000'

326°-089°

TACAN unusable:

Blo 3,000'

BLACKSTONE NDB (MHW) 326 BKT N37°07.65' W78°02.67' 136° 5.3 NM to fld. 418/9W.



APOLLO SOUCEK FLD (See OCEANA NAS (APOLLO SOUCEK FLD) on page 364)

ARMEL N38°56.08' W77°28.00' NOTAM FILE IAD.

(L) VOR/DME 113.5 AML Chan 82 at Washington Dulles Intl. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

RCO 122.1R 113.5T (LEESBURG RADIO)

WASHINGTON

COPTER

H-10H, L-29E, 34E, 36I, A

BALES N36°35.41' W79°55.05' NOTAM FILE MTV.

NDB (MHW/LOM) 396 UV 304° 5.4 NM to Blue Ridge. 1089/7W. NDB unmonitored when arpt unatndd.

CINCINNATI

L-26I, 36F

BLACKSBURG**VIRGINIA TECH/MONTGOMERY EXECUTIVE** (BCB)(KBCB) 3 S UTC-5(-4DT) N37°12.46'**CINCINNATI**

W80°24.47'

L-261

2132 B TPA—See Remarks NOTAM FILE BCB

IAP**RWY 12-30:** H4539X100 (ASPH-GRVD) MIRL 0.4% up SE**RWY 12:** ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.**RWY 30:** REIL. PAPI(P2L)—GA 3.75° TCH 45'. Brush.**SERVICE:** S2 **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 12-30 preset low ints, ACTIVATE ODALS Rwy 12, PAPI Rwy 30 and REIL Rwy 12 and Rwy 30—CTAF.**AIRPORT REMARKS:** Attended Apr-Oct 1300-0000Z, Nov-Mar 1300-2300Z. Unattended New Year's Day, Thanksgiving Day, Christmas Day. PPR for fuel when arpt unattended, phone 540-231-4444. Fee for after hrs. Occasional wildlife on arpt. Noise sensitive area north of arpt. VFR departures maintain rwy heading until reaching 1000' AGL. NSTD twy in-line with rwy. White arrow should be yellow. Thld is end of rwy. NSTD marking prior to thld Rwy 30. Marking should be for twy inline with rwy. TPA—3132(1000) for non turbine powered acct, 3632(1500) turbine powered acct.**AIRPORT MANAGER:** 540-231-4444**WEATHER DATA SOURCES:** AWOS-3 133.325 (540) 231-4837.**COMMUNICATIONS:** CTAF/UNICOM 123.05**ROANOKE APP/DEP CON** 126.9**CLNC DEL** 124.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSK.**PULASKI (H) VORTAC** 116.8 PSK Chan 115 N37°05.26' W80°42.77' 070° 16.3 NM to fld. 2120/6W. **HIWAS.**

TACAN AZIMUTH & DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-039° byd 25 NM blo 10,000'

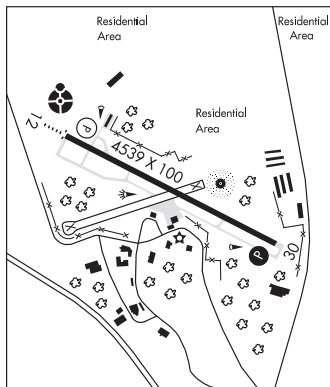
DME unusable:

250°-350° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

052°-100°

234°-283°

TECH NDB (MHW) 368 TEC N37°12.52' W80°24.21' at fld. 2125/6W. NOTAM FILE BCB.**LOC/DME** 109.1 I-BCB Chan 28 Rwy 12. LOC/DME unmonitored when arpt unatndd.**COMM/NAV/WEATHER REMARKS:** ROA twr svcs avbl at 540-563-1307.**BLUE RIDGE** (See MARTINSVILLE on page 357)**BOJAR** N37°15.75' W79°14.59' NOTAM FILE LYH.**CINCINNATI****NDB (MHW/LOM)** 385 LY 036° 4.3 NM to Lynchburg Rgnl/Preston Glenn Fld. 804/8W. NDB unmonitored when ATCT closed. **L-261, 36G**

BRIDGEWATER AIR PARK (VBW)(KVBW) 1 SE UTC-5(-4DT) N38°22.00' W78°57.62'
 1165 B NOTAM FILE DCA
RWY 15-33: H2745X60 (ASPH) S-22 MIRL 0.3% up SE

WASHINGTON
 L-26J
 IAP

RWY 15: Tree.
RWY 33: Thld dspclcd 368'. Acft.
SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 15-33—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†, Sat 1400-2100Z†, and Sun 1700-2100Z†. 1300' twy in line with rwy prior to Rwy 33 in addition to the displacement. Cold temperature rstd arpt. Altitude correction required at or blo -19°C.

AIRPORT MANAGER: 540-828-6070
WEATHER DATA SOURCES: AWOS-3 119.55 (540) 828-2076.
COMMUNICATIONS: CTAF/UNICOM 122.7

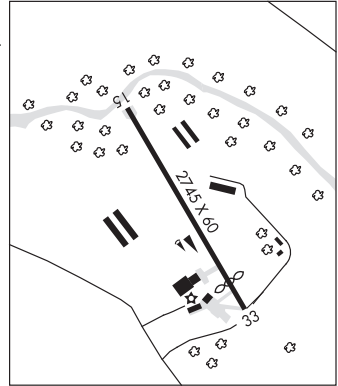
Ⓜ **POTOMAC APP/DEP CON** 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03' W79°06.41' 019° 28.8 NM to fld. 3455/5W.

DME portion unusable:
 061°-088° byd 35 NM blo 6,000'
 114°-120° byd 28 NM blo 6,500'
 154°-220° byd 28 NM blo 8,000'
 330°-335° byd 30 NM blo 6,000'
 335°-001° byd 30 NM blo 7,000'

VOR portion unusable:
 205°-220° byd 10 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Potomac Apch at 866-640-4124.



BROOKE N38°20.18' W77°21.17' NOTAM FILE DCA.
(L) VORTAC 114.5 BRV Chan 92 316° 6.1 NM to Stafford Rgnl. 145/9W.

WASHINGTON
 H-10H, L-29E, 34E, 36I, A

DME unusable:
 017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 Byd 35 NM blo 3,500'

VOR unusable:
 007°-027°
 077°-083°
 084 byd 16 NM blo 9,000'
 085°-089° byd 16 NM
 090°-140° byd 10 NM blo 3,000'
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 341°-006° blo 2,500'
 341°-006° byd 10 NM blo 5,500'
 341°-006° byd 30 NM blo 8,500'
 341°-006° byd 36 NM

TACAN AZIMUTH unusable:
 017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'

RCO 122.1R 114.5T (LEESBURG RADIO)

BROOKNEAL/CAMPBELL CO (ØV4) 6 NW UTC-5(-4DT) N37°08.50' W79°00.98'

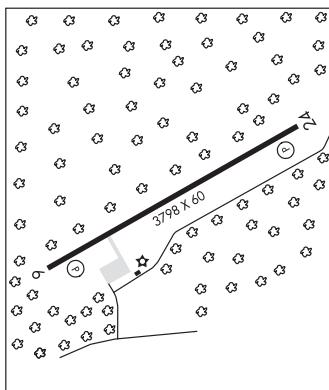
CINCINNATI

597 B NOTAM FILE DCA

L-26J, 36G

RWY 06-24: H3798X60 (ASPH) S-12.5 MIRL

IAP

RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 43'. Tree.**RWY 24:** REIL. PAPI(P2L)—GA 3.0° TCH 46'. Tree.**SERVICE:** FUEL 100LL LGT MIRL Rwy 06-24 preset low, incr ints—CTAF.**AIRPORT REMARKS:** Unattended. Ultralight activity on and in/ov arpt. Deer on and in/ov arpt. 24 hr self svc fuel avbl with credit card.**AIRPORT MANAGER:** 434-444-2806**WEATHER DATA SOURCES:** AWOS-3 120.575 (434) 283-7826.**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **ROANOKE APP/DEP CON** 125.47 135.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE LYH.**LYNCHBURG (L) VORTAC** 109.2 LYH Chan 29 N37°15.27'W79°14.18' 128° 12.5 NM to fld. 871/5W. **HIWAS.****COMM/NAV/WEATHER REMARKS:** ROA twr svcs avbl at 540-563-1307.**BUCK'S ELBOW MOUNTAIN** N38°06.25' W78°44.62'

WASHINGTON

RCO 122.2 122.65 (LEESBURG RADIO)

L-26J, 36H

BUMPASS**LAKE ANNA** (7W4) 0 NW UTC-5(-4DT) N37°57.95' W77°44.75'

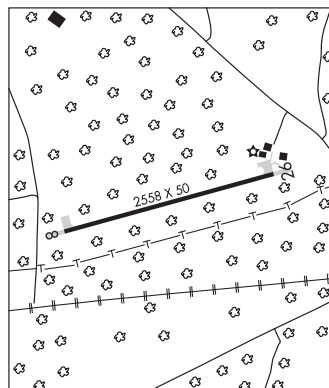
WASHINGTON

351 B NOTAM FILE DCA

L-34E, 36H

RWY 08-26: H2558X50 (ASPH) S-6 MIRL

IAP

RWY 08: Trees.**RWY 26:** Tree.**SERVICE:** LGT ACTIVATE MIRL Rwy 08-26—CTAF.**AIRPORT REMARKS:** Unattended. Deer on and in/ov arpt.**AIRPORT MANAGER:** 804-550-5794**WEATHER DATA SOURCES:** AWOS-3 120.775 (540) 872-0303.**COMMUNICATIONS:** CTAF 122.9Ⓡ **POTOMAC APP/DEP CON** 126.75**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc Potomac Apch at 866-640-4124.**CAMP PEARY LNDG STRIP** (W94) A 3 NE UTC-5(-4DT) N37°18.77' W76°38.29'

WASHINGTON

41 NOTAM FILE DCA Not insp.

H-10I, 12I, L-34E, 36H

RWY 05-23: H5018X151 (ASPH)

DIAP

RWY 05: PAPI(P4L).**RWY 23:** PAPI(P4L).**MILITARY REMARKS:** Opr Mon-Fri 1300-2130Z. Fld rstd, PPR by written req to Base Commander, Attn Air OPS. Exc when opr under prior permission authorized, pilots should maintain at least 3000' abv the arpt elevation within 5 NM.**AIRPORT MANAGER:** 804-229-2121**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**HARCUM (L) VORTAC** 108.8 HCM Chan 25 N37°26.92' W76°42.68' 164° 8.9 NM to fld. 8/7W.

VOR portion unusable:

056°-095° blo 2,000'

275°-300° blo 2,000'

CAMPBELL FLD (See WEIRWOOD on page 378)

CAPE CHARLES N37°20.85' W75°59.86' NOTAM FILE DCA.
 (L) VORTAC 112.2 CCV Chan 59 042° 21.2 NM to Accomack Co. 10/10W.
 TACAN azimuth unusable
 VOR portion unusable:
 137°-322° byd 17 NM blo 2,000'
 137°-322° byd 22 NM blo 3,000'
RCO 122.1R 112.2T (LEESBURG RADIO)

WASHINGTON
 H-10I, 12H, L-35D, 36I

CASANOVA N38°38.47' W77°51.93' NOTAM FILE DCA.
 (H) VORTAC 116.3 CSN Chan 110 184° 6.9 NM to Culpeper Rgnl. 442/6W.
 VORTAC unusable:
 310°-350° byd 10 NM blo 11,000'
RCO 122.1R 116.3T (LEESBURG RADIO)

WASHINGTON
 H-10H, L-29D, 34E, 36I, A

CAVERNS N38°41.96' W78°28.34' NOTAM FILE DCA.
NDB (MHW) 245 LUA 223° 2.4 NM to Luray Caverns. 834/9W. NDB unmonitored when arpt unatddd.
 NDB unusable:
 050°-208° byd 10 NM
 209°-049° byd 15 NM

WASHINGTON
 L-29G

CHAMBERS FLD (See NORFOLK NS (CHAMBERS FLD) on page 363)

CHARLOTTESVILLE-ALBEMARLE (CHO)(KCHO) 7 N UTC-5(-4DT) N38°08.38' W78°27.14'
 640 B Class I, ARFF Index B NOTAM FILE CHO
RWY 03-21: H6801X150 (ASPH-GRVD) S-100, D-160, 2S-175, 2D-300 HIRL 0.3% up SW
RWY 03: MALSR.
RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 50'.

WASHINGTON
 H-10H, 12I, L-26I, 36H
 IAP, AD

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-6801 TODA-6801 ASDA-6801 LDA-6801
RWY 21: TORA-6801 TODA-6801 ASDA-6801 LDA-6801

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 21 PAPI unusable byd 6.5' left of RCL. When twr clsd HIRL Rwy 03-21, and twy lgts preset low ints. To ACTIVATE and increase intensity MALSR Rwy 03, REIL Rwy 21, HIRL Rwy 03-21 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 0930-0530Z†. Deer and birds on and in/ovf arpt. PPR 8 hrs for unscheduled air carrier ops with more than 9 passenger seats between 0400-1100Z†, call arpt manager 434-981-4152. Wheeled helicopters are requested to ground taxi when transiting arpt. Twy J uncontrolled, not visible from twr. Ldg fee only for acft over 7000 lbs.

AIRPORT MANAGER: 434-973-8342

WEATHER DATA SOURCES: ASOS 118.425 (434) 973-5024.

COMMUNICATIONS: CTAF 124.5 ATIS 118.425 UNICOM 122.95

RCO 122.2 122.65 (LEESBURG RADIO)

® **POTOMAC APP/DEP CON** 132.85

APP/DEP CON 120.525

TOWER 124.5 (1100-0400Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1100-0400Z† other times CLASS E.

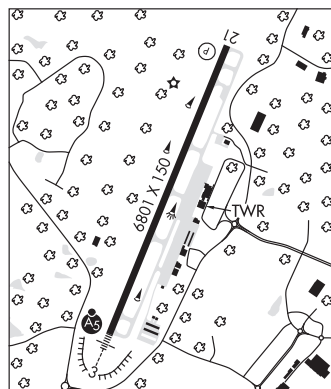
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82' W78°09.18' 304° 16.1 NM to fld. 382/6W.
HIWAS.

TACAN AZIMUTH unusable:
 250°-260° byd 25 NM blo 7,000'

ILS/DME 111.7 I-CHO Chan 54 Rwy 03. Class IA. ILS unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Potomac Apcd at 866-640-4124.



CHASE CITY MUNI (CXE)(KCXE) 2 W UTC-5(-4DT) N36°47.30' W78°30.09'

503 B TPA-1303(800) NOTAM FILE DCA

RWY 18-36: H3400X50 (ASPH) S-12.5 LIRL 0.5% up N

RWY 18: TRCV(TRIL). Road.

RWY 36: TRCV(TRIL). Tree.

SERVICE: LGT Rwy 18 TRIL OTS indef. Rwy 36 TRIL OTS indef.

AIRPORT REMARKS: Unattended. Rwy 18-36 severe cracking. 1-2 inches in places and along centerline. Deer on and invof arpt. Farm equipment operating near rwy. Rwy 18-36 longitudinal and transverse cracking, some raveling in certain areas.

AIRPORT MANAGER: 434-372-5136

WEATHER DATA SOURCES: AWOS-3 121.225 (434) 372-4506.

COMMUNICATIONS: CTAF 122.9

Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75

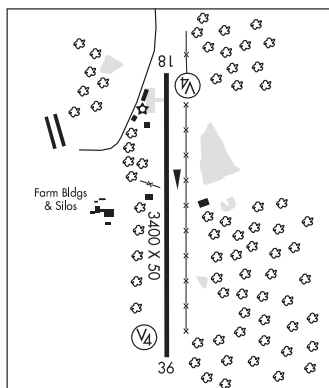
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50'
W79°00.87' 080° 25.7 NM to fld. 520/5W.

WASHINGTON

L-36G

IAP



CHESAPEAKE RGNL (See NORFOLK on page 361)

CHESTER

MC LAUGHLIN SPB (2G6) 6 E UTC-5(-4DT) N37°19.23' W77°20.75'

7 NOTAM FILE DCA Not insp.

WATERWAY 05W-23W: 2500X150 (WATER)

WATERWAY 05W: Rgt t/c.

SEAPLANE REMARKS: Unattended.

AIRPORT MANAGER: 804-541-1011

COMMUNICATIONS: CTAF 122.9

WASHINGTON

CLARKSVILLE

LAKE COUNTRY RGNL (W63) 2 S UTC-5(-4DT) N36°35.75' W78°33.61'

419 B TPA-1219(800) NOTAM FILE DCA

RWY 04-22: H4488X50 (ASPH) S-12.5 MIRL 1.2% up NE

RWY 04: Tree.

RWY 22: Thld dsplcd 463'. Road.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended 1300-2200Z±. For fuel call number posted beside public pay phone on side of hangar. Wildlife invof arpt.

Construction work in progress at arpt.

AIRPORT MANAGER: 434-374-8028

WEATHER DATA SOURCES: AWOS-3 118.225 (434) 374-2431.

COMMUNICATIONS: CTAF 122.9

WASHINGTON CENTER APP/DEP CON 118.75

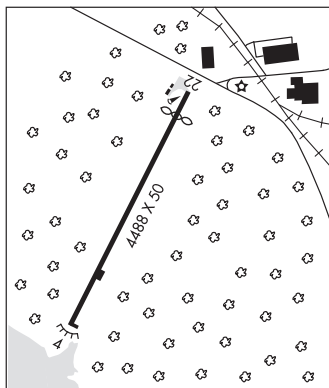
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50'
W79°00.87' 107° 22.4 NM to fld. 520/5W.

WASHINGTON

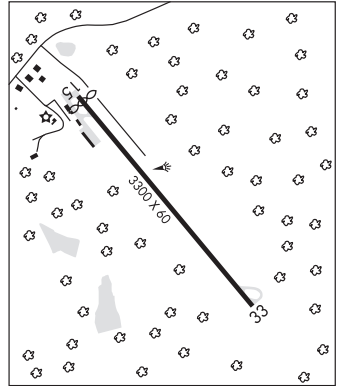
L-36G

IAP



CREWE MUNI (W81) 1 E UTC-5(-4DT) N37°10.86' W78°05.91'
 419 B NOTAM FILE DCA
RWY 15-33: H3300X60 (ASPH) S-12 MIRL 1.0% up NW
RWY 15:—GA 5.0° TCH 17'. Thld dsplcd 87'. Ground.
RWY 33:—GA 3.0° TCH 8'. Tree.
SERVICE: S8 **FUEL** 100LL **LGT** For MIRL Rwy 15-33 key CTAF 5 times on, 3 times off. Rwy 15-33 edge lgts OTS.
AIRPORT REMARKS: Unattended. Arpt unattended ctc town manager for assistance at 434-645-9453. Deer and turkey on and invof arpt.
AIRPORT MANAGER: 434-645-1191
WEATHER DATA SOURCES: AWOS-3 119.050.
COMMUNICATIONS: CTAF/UNICOM 122.8
WASHINGTON CENTER APP/DEP CON 118.75
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08'
 W77°54.18' 345° 23.7 NM to fld. 350/8W. SHUTDOWN.

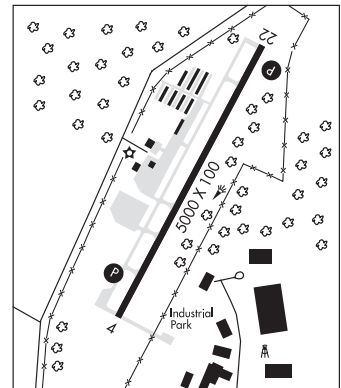
WASHINGTON
 L-36H
 IAP



VOR unusable:
 090° blo 7,000'
 090° byd 20 NM
 091°-105°
 106° blo 7,500'
 106° byd 27 NM
 107°-170°
 171°-280° blo 6,000'
 201°-325° byd 17 NM blo 9,000'
 326°-089°
 TACAN unusable:
 Blo 3,000'

CULPEPER RGNL (CJR)(KCJR) 7 NE UTC-5(-4DT) N38°31.53' W77°51.58'
 316 B NOTAM FILE CJR
RWY 04-22: H5000X100 (ASPH-GRVD) S-40 MIRL
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Bldg.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 04-22, REIL Rwy 04, PAPI Rwy 04, REIL Rwy 22, PAPI Rwy 22 and twy lgts—CTAF.
AIRPORT REMARKS: Attended Oct-May 1300-2300Z‡, Jun-Oct Mon-Thur 1300-2300Z‡, Fri-Sun 1300-0100Z‡. Deer on and invof arpt. Taxilne pavement around northern T-hangars fair poor condition.
AIRPORT MANAGER: 540-825-8280
WEATHER DATA SOURCES: AWOS-3 119.325 (540) 727-0523.
COMMUNICATIONS: CTAF/UNICOM 123.075
CASANOVA RCO 122.1 R 116.3T (LEESBURG RADIO)
 Ⓡ **POTOMAC APP/DEP CON** 128.525

WASHINGTON
 H-10H, 12I, L-29E, 34E, 36I, A
 IAP



CLNC DEL 121.6
GCO 121.6
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CASANOVA (H) VORTAC 116.3 CSN Chan 110 N38°38.47'
 W77°51.93' 184° 6.9 NM to fld. 442/6W.
 VORTAC unusable:
 310°-350° byd 10 NM blo 11,000'
LOC 109.95 I-DZH Rwy 04.
COMM/NAV/WEATHER REMARKS: For Clnc Del when GCO unavbl ctc Potomac Apch at 866-709-4993.

DANVILLE RGNL (DAN)(K DAN) 3 E UTC-5(-4DT) N36°34.35' W79°20.18'

571 B TPA—See Remarks NOTAM FILE DAN

CINCINNATI

H-9C, 12I, L-26I, 36G

IAP

RWY 02-20: H5900X100 (ASPH-GRVD) S-90, D-130, 2S-165

HIRL 0.5% up N

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 300'. Trees.

RWY 13-31: H3910X100 (ASPH) S-90, D-130, 2S-165 MIRL 1.1% up NW

RWY 13: REIL. VASI(V2L)—GA 3.0° TCH 35'. Trees.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 76'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-5600 TODA-5900 ASDA-5600 LDA-5600

RWY 20: TORA-5900 TODA-5900 ASDA-5900 LDA-5600

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE HIRL Rwy 02-20, MIRL Rwy 13-31, REIL Rwy 13, Rwy 31, and Rwy 20, MALSR Rwy 02, VASI Rwy 13 and PAPI Rwy 02, Rwy 20 and Rwy 31—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z. Arpt unattended Christmas Day. Pavement at/before Rwy 31 thld in poor condition. Center 75 feet of rwy in fair condition. Outer 12 feet each side poor. Birds and deer on and in/ov arpt. Trees penetrating 7:1 transitional sfc of Rwy 31 both sides, first 1000'. Ctc arpt administration prior to conducting specialized aero activities 434-799-5110. TPA-1371 (800) lgt acft, 2071 (1500) turbine acft. Rwy 02 is designated calm wind rwy.

AIRPORT MANAGER: 434-799-5110

WEATHER DATA SOURCES: ASOS 128.125 (434) 799-1701.

COMMUNICATIONS: CTAF/UNICOM 123.05

RCO 122.2 (LEESBURG RADIO)

Ⓡ WASHINGTON CENTER APP/DEP CON 124.05

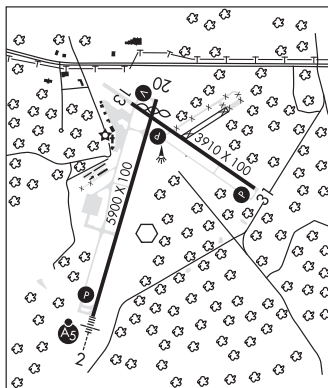
AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 254° 16.7 NM to fld. 520/5W.

(L) **VOR** 113.1 DAN N36°34.13' W79°20.20' at fld. 568/6W. NOTAM FILE DAN.

ILS 110.7 I-DAN Rwy 02. Class IE.



DAVEE N38°39.70' W77°06.61' NOTAM FILE DCA.

NDB (HW) 223 DAA 323° 4.6 NM to Davison AAF. 53/9W.

NDB unusable:

Byd 15 NM

WASHINGTON

L-29E, 34E, 36I

DAVISON AAF (FORT BELVOIR) (DAA)(KDA) A (ARNG) 3 NW UTC-5(-4DT)
 N38°42.90' W77°10.85'

**WASHINGTON
 COPTER**
 H-10H, 12I, L-29E, 34E, 36I, A
DIAP

74 B TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 14-32: H5421X75 (ASPH) PCN 52 F/A/W/T HIRL

RWY 14: PAPI(P2L)—GA 3.0° TCH 60'. RVR-R Thld dsplcd 501'.

RWY 32: MALSF. RVR-T Thld dsplcd 902'.

SERVICE: **MILITARY**—LGT Avbl 0230-1100Z‡ Mon-Fri and 24 hrs on weeknds and hol. When twr clsd HIRL Rwy 14-32 preset med ints. To increase ints **ACTIVATE**-CTAF. **FUEL** J8. Avbl 1200-0300Z‡ Mon-Fri; 1330-2130Z‡ Sat-Sun, OT/hol PPR H24

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Official Business Only. PPR 24 hr ntc for all non DAA based acft ctc Base Ops wkdays 1200-2100Z‡, DSN 656-7683/7682, C703-806-7682/7683. 24 hr PPR NVESD ramp, DSN 656-7675/7676, C703-806-7675/7676. Rwy 14 PAPI are non-standard. VFR use only. Acft with wingspan greater than 65' are prohibited from taxiing NW of Twy F due to tree line located within 150' of twy centerline. Twy G, H, and J clsd for night and IFR ops due to being unlit. Helipad 14-32 is 50' wide. Lmtd to H-60 and smaller acft ops. Hazards: Rwy 14 inground thld lights are removed. Helipad 14-32 clsd for night and IFR ops due to being unlit.

CAUTION Exp shear/crosswind shift touch down zone Rwy 32 dur SW-NW wind. Wildlife haz. **TFC PAT** TPA—Fixed wing SW 1500(1427), rotary wing NE 1100(1027). **NS ABTMT** Twr will advise of restriction to engine run up, tkf and ldg btn Mon-Sat 0300-1300Z‡, Sun and hol 2200-1700Z‡. Multiple practice instrument apch or tfc pat work are only authorized Mon-Sat 1300-0300Z‡, Sun and hol 1700-0300Z‡. **MISC** Aerodrome bcn lctd 4600' east-northeast of afld on top of DLA Bldg. With ctl twr/opr apvl, dep acft may use rwy apch end ovrn for tkf roll. Wx obsn augmented/back-up as req Mon-Fri 1030-0230Z‡ exc hol. Auto voice obsn continuous DSN 656-7313. Wx forecast Mon-Fri 1100-0230Z‡, exc hol, other times remote briefing svc avbl 15th OWS, Scott AFB DSN 576-9755, C618-256-9755, fax extrn 4855 or <https://ows.scott.af.mil>. See VFR-S for Pentagon Heliport. **ARNG** Opr continuously.

AIRPORT MANAGER: 703-664-1201

COMMUNICATIONS: CTAF 126.3 ATIS 128.175 (1100-0230Z‡ Mon-Fri, excl hols) PTD 139.4 34.1 (VIP arr ctc Base OPS 15 min prior to ldg)

Ⓡ **POTOMAC APP/DEP CON** 118.95 124.7 257.2 338.2

TOWER 126.3 229.4 241.0 (1100-0230Z‡ Mon-Fri excl hol) **GND CON** 121.9 245.2 **CLNC DEL** 245.2

METRO PMSV 139.4 **BASE OPS** 139.4 34.1 **ARNG OPS** 52.75

AIRSPACE: CLASS D svc 1100-0230Z‡ Mon-Fri except holidays other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VOR/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 142° 18.8 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

DAVEE NDB (HW) 223 DAA N38°39.70' W77°06.61' 323° 4.6 NM to fld. 53/9W. NOTAM FILE DCA.

NDB unusable:

Byd 15 NM

ILS/DME 108.9 I-DAA Chan 26 Rwy 32. Class IA. Unmonitored 0200-1000Z‡ wkday - 2000-1200Z‡ wkend/hol.

ASR/PAR (Weekdays 1200-0000Z‡ excluding holidays, 2 hr PPR other times.)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For Clnc Del when ATCT is clsd ctc Potomac Apch at 866-599-3874.

• • • • •
HELIPAD H1: H50X50 (CONC)

DINWIDDIE CO (See PETERSBURG on page 365)

DUBLIN

NEW RIVER VALLEY (PSK)(KPSK) 2 N UTC-5(-4DT) N37°08.24' W80°40.71'

CINCINNATI

2105 B NOTAM FILE PSK

H-10H, 12H, 6G, L-26I

RWY 06-24: H6201X150 (ASPH-GRVD) D-60 HIRL 0.5% up SW

IAP

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 58'. Ground.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Trees.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE HIRL Rwy 06-24, MALSR Rwy 06, REIL Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z†, Sat-Sun 1300-2300Z†. Unattended Thanksgiving and Christmas Day. Military contract fuel unavbl. Deer on and invof arpt.

AIRPORT MANAGER: 540-674-4141

WEATHER DATA SOURCES: AWOS-3 127.375 (540) 674-2731. HIWAS 116.8 PSK.

COMMUNICATIONS: PULASKI RCO 122.3 122.1R 116.8T (LEESBURG RADIO) ROANOKE APP/DEP CON 126.0

CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26' W80°42.77' 035° 3.4 NM to fld. 2120/6W. HIWAS.

TACAN AZIMUTH & DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-039° byd 25 NM blo 10,000'

DME unusable:

250°-350° byd 25 NM blo 10,000'

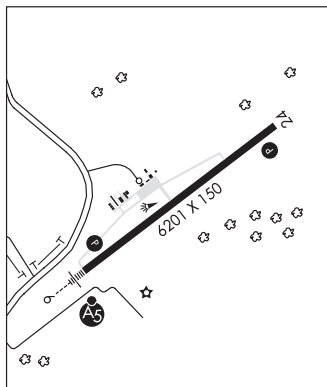
TACAN AZIMUTH unusable:

052°-100°

234°-283°

ILS 110.9 I-PSK Rwy 06. Class IA.

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



EAGLE'S NEST (See WAYNESBORO on page 378)

EMPIRE-GREENSVILLE RGNL (EMV)(KEMV) 3 E UTC-5(-4DT) N36°41.21' W77°28.97'

WASHINGTON

127 B TPA—See Remarks NOTAM FILE EMV

H-9C, 10H, 12H, L-36G

RWY 16-34: H5010X100 (ASPH-GRVD) S-30, D-50, D2-85 MIRL 0.3% up N

IAP

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 31'. Road.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Road.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 16-34, PAPI Rwys 16 and 34, and MIRL Rwy 16-34—CTAF. Rwy 16 PAPI unusable byd 7° left and right of centerline. Rwy 34 PAPI unusable byd 8° right of centerline.

AIRPORT REMARKS: Attended 1400-2200Z†. Deer on and invof arpt.

TPA—1127(1000) light acft, 1627(1500) heavy acft.

AIRPORT MANAGER: 434-634-3696

WEATHER DATA SOURCES: AWOS-3 124.175 (434) 634-0656.

COMMUNICATIONS: CTAF/UNICOM 123.0

WASHINGTON CENTER APP/DEP CON 132.025

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85' W77°00.74' 275° 22.8 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

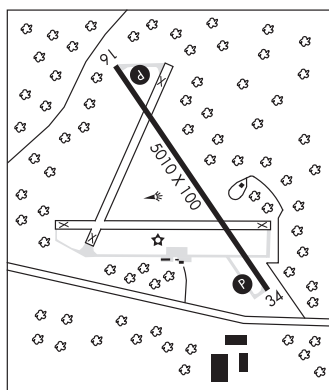
135°-148°

TACAN AZIMUTH & DME unusable:

090°-139°

NDB (MHW) 261 ELQ N36°37.08' W77°25.53' 336° 5.0 NM to fld. 59/10W. NOTAM FILE DCA.

LOC 108.75 I-EMV Rwy 34.



FALLS CHURCH N38°54.20' W77°10.50'
 RCO 122.2 122.6 (LEESBURG RADIO)

WASHINGTON
 L-29E, 34F

FALWELL (See LYNCHBURG on page 356)

FARMVILLE RGNL (FVX)(KFVX) 4 NW UTC-5(-4DT) N37°21.45' W78°26.27'

WASHINGTON
 L-36H
 IAP

416 B NOTAM FILE FVX

RWY 03-21: H4400X75 (ASPH) S-12.5 MIRL

RWY 03: PAPI(P2L)—GA 3.0° TCH 44'. Tree.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Tree.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** REIL Rwy 21; MIRL Rwy 03-21; preset low ints, to increase ints **ACTIVATE**—CTAF.

AIRPORT REMARKS: Attended 1230-2200Z†. Deer on and in/ov arpt. Possible unmanned aerial vehicle opr 5 NM radius Farmville Arpt 3000' AGL and blo.

AIRPORT MANAGER: 434-392-5686

WEATHER DATA SOURCES: AWOS-3 132.725 (434) 392-9718.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROANOKE APP/DEP CON 135.0

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71'
 W77°49.69' 257° 30.9 NM to fld. 460/6W.

TACAN 338 radial unusable

VOR unusable:

111°-168°

169°-204° blo 5,000'

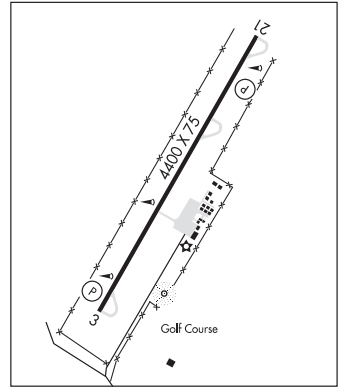
274°-337° blo 4,000'

274°-337° byd 33 NM

NDB (MHW) 367 FVX N37°21.18' W78°26.25' at fld. 391/9W. NOTAM FILE FVX. NDB unmonitored when arpt unatndd.

3rd party

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



FELKER AAF (FORT EUSTIS) (FAF)(KFAF) A UTC-5(-4DT) N37°07.96' W76°36.54'

WASHINGTON
 L-34E, 35D, 36H
 DIAP

11 B TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 14-32: H3025X75 (ASPH) PCN 13 F/B/Y/T HIRL

RWY 14: ODALS. PAPI(P2L)—GA 3.0° TCH 48'. Rgt tfc.

RWY 32: PAPI(P2L)—GA 3.0° TCH 48'.

SERVICE: **MILITARY**—**LGT** **ACTIVATE**—HIRL, PAPI Rwy 14-32—CTAF. Twr ctl ODALS Rwy 14. PAPI Rwy 32 unuse byd 9° rgt and byd 7° left of centerline. **JASU** 2(AGPU) **FUEL** J8 **TRAN ALERT** Svc avbl 1230-2130Z† Mon-Fri exc hol.

MILITARY REMARKS: Base OPS Mon-Fri 1200-2200Z† exc hol, DSN 826-5828/2584, C757-878-5828/2584. **RSTD** Acft entering from south-southeast maximum alt 500' due to instrument apch into Newport News/Williamsburg Arpt. No hazardous cargo area avbl. After hrs ops rstd to DOD, State/Federal msn essential ops only. **CAUTION** Deer and bird haz. No overflight main post. Eagle Management Area 1 NM south AER 32 at east shore James River and Morrison Creek. Avoid over fit blo 1000' and 750' horizontally. No fly area 1.6 NM SE Rwy 32 to incl entire peninsula. Permanent moveable crane on watercraft base 3100' to the right of the AER 14. **TFC PAT** TPA—Fixed wing 1000(989), rotary wing 500(489).

MISC Wx forecast on duty Mon-Fri 1030-0400Z† exc hol. C757-878-5300, DSN 826-5300. Remote briefing avbl from Shaw AFB DSN 965-0588, (fax) DSN 965-1527. Use C877-297-4129 if DSN not avbl. Flight svcs 1-800-WX-BRIEF. Wx observation visibility rstd to 1/2 SM from NW to NE, 1/4 to 3/4 SM all other quadron. When twr and/or sfc visibility is blo 4 SM and differ by a reportable value, a twr visibility remark will be reported during supplemented wx observation. FAA Leesburg FSS C800-992-7433. Heli-deck marking lctd north of and adjacent to the apch of Rwy 14. Emerg svcs monitors CTAF after hrs.

AIRPORT MANAGER: 757-878-2865

COMMUNICATIONS: CTAF 126.3

® **NORFOLK APP/DEP CON** 125.7 335.625

TOWER 126.3 269.25 (1200-0400Z† Mon-Fri exc Federal hol) **GND CON** 121.35 229.4

PMSV METRO 134.1 (Monitored Mon-Fri 1000-2200Z† exc hol. Maximum range 30 NM) **BASE OPS** 38.7 134.1 142.2 255.7

AIRSPACE: **CLASS D** svc 1200-0400Z† Mon-Fri except federal holidays other times **CLASS G**.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85' W77°00.74' 047° 31.7 NM to fld. 84/9W.

VOR unusable:

- 090°-119° byd 18 NM blo 2,000'
- 119°-128° byd 10 NM
- 129°-134° byd 33 NM
- 135°-148°

TACAN AZIMUTH & DME unusable:

- 090°-139°

FLAT ROCK N37°31.71' W77°49.69' NOTAM FILE DCA.

WASHINGTON

(H) VORTAC 113.3 FAK Chan 80 123° 16.2 NM to Richmond Executive-Chesterfield Co. 460/6W.

H-10H, L-36H

TACAN 338 radial unusable

VOR unusable:

- 111°-168°
- 169°-204° blo 5,000'
- 274°-337° blo 4,000'
- 274°-337° byd 33 NM

RCO 122.1R 113.3T (LEESBURG RADIO)

FOREST

NEW LONDON (W90) 6 SW UTC-5(-4DT) N37°16.30' W79°20.15'

CINCINNATI

842 NOTAM FILE DCA

L-26J

RWY 18-36: H3164X40 (ASPH) 2.3% up N

IAP

RWY 18: Thld dsplcd 115'. Ground.

RWY 36: Trees.

SERVICE: S2

AIRPORT REMARKS: Unattended. Rwy 18-36 CLOSED daily SS-SR. Stand, fence and twr in prim and/or transitional sfcs with guardrail both sides of Rwy 36. Ultraigt acct on and invof arpt. Rwy used as drag strip on certain Sundays summer months. NOTAM when arpt closed.

AIRPORT MANAGER: 434-582-3053

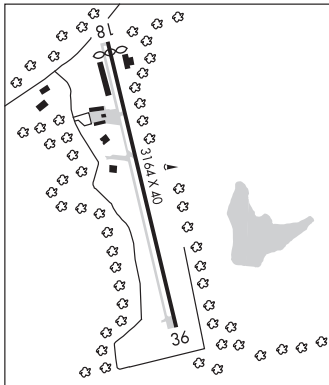
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ ROANOKE APP/DEP CON 135.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.27' W79°14.18' 287° 4.9 NM to fld. 871/5W. HIWAS.

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



FORT LEE AHP 3(QRTMST CEN) HELIPORT (VA39) A 0 S UTC-5(-4DT) N37°15.01' W77°19.98'

WASHINGTON

100 NOTAM FILE FAF Not insp.

L-36H

HELIPAD H1: H40X40 (CONC) PERIMETER LGTS

DIAP

MILITARY REMARKS: RSTD 24 HR PPR DSN 687-6421. CAUTION Parachute jumping 2 NM NW. Small arms range 1

NM NW. Avoid overflight of asph compound 1 NM WNW. MISC Avoid overflight of national park and base housing areas adjacent to Fort Lee Reservation. Make advisory of ldg and tkf on 126.2.

COMMUNICATIONS:

Ⓡ POTOMAC APP/DEP CON 126.75 307.2 MEDIVAC 32.5 (KENNER)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73' W77°06.96' 252° 11.4 NM to fld. 70/6W. HIWAS.

FRANKLIN MUNI—JOHN BEVERLY ROSE (FKN)(KFKN) 2 NE UTC-5(-4DT) N36°42.02' W76°54.13' WASHINGTON
 40 B TPA—See Remarks NOTAM FILE FKN L-35C, 36H
 RWY 09-27: H4976X100 (ASPH-GRVD) MIRL IAP

RWY 09: PAPI(P2L)—GA 3.0° TCH 40'. Brush.
 RWY 27: PAPI(P2L)—GA 3.0° TCH 40'. Brush.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy
 09-27—CTAF. Rwy 27 PAPI unusable byd 1 NM from thld.

AIRPORT REMARKS: Attended 1300-2200Z±. Possible tfc from the
 Southampton Memorial Helipad 2 NM west of arpt. Deer on and infov
 arpt. TPA—840(800) light acft, 1540(1500) heavy acft. Drainage
 ditches next to rwy and twys.

AIRPORT MANAGER: 757-562-8764

WEATHER DATA SOURCES: AWOS-3PT 124.675 (757) 562-8765.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 110.6T (LEESBURG RADIO)

® NORFOLK APP/DEP CON 127.9

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

(L) VORTAC 110.6 FKN Chan 43 N36°42.85'
 W77°00.74' 108° 5.4 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

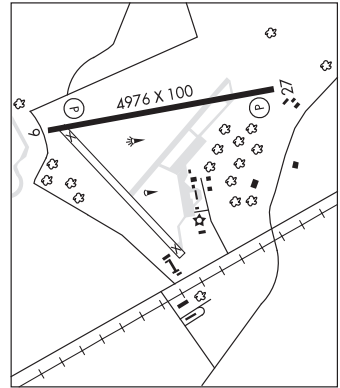
119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH & DME unusable:

090°-139°



FRANKLIN N36°42.85' W77°00.74' NOTAM FILE FKN.

(L) VORTAC 110.6 FKN Chan 43 108° 5.4 NM to Franklin Muni-John Beverly Rose. 84/9W.

WASHINGTON

H-9C, 10H, L-35C, 36H

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH & DME unusable:

090°-139°

RCO 122.1R 110.6T (LEESBURG RADIO)

FREDERICKSBURG

SHANNON (EZF)(KEZF) 2 S UTC-5(-4DT) N38°15.97' W77°26.96'

85 B NOTAM FILE EZF

RWY 06-24: H2999X100 (ASPH) MIRL

RWY 06: REIL. PVASI(PSIL). Thld dspclcd 240'. Railroad.

RWY 24: REIL. PVASI(PSIL). Thld dspclcd 35'. Tree.

RWY 15-33: 1300X100 (TURF)

RWY 15: Brush.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 06-24—CTAF. PVASI Rwy 06 OTS indef.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Unattended New Years, Easter, Independence, Thanksgiving and Christmas Days. Rwy 33 CLOSED daily SS–SR. 24 hr self–svc avbl, fuel truck avbl during opr hrs. Rwy 15 clsd to landing and takeoff. Rwy 15–33 outlined with yellow cones. First 89' pavement Rwy 06 marked as unusable. Apchs to Rwy 06–24 will be made sufly high to cross Rt. 2 (Rwy 24) for the railroad tracks (Rwy 06) at or abv 135' MSL (50' AGL).

AIRPORT MANAGER: 540-373-4431

WEATHER DATA SOURCES: AWOS-3 128.125 (540) 372-6794. Cig unreliable indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

BROOKE RCO 122.1 R 114.5T (LEESBURG RADIO)

Ⓡ **QUANTICO ARRIVAL** 127.05 (Mon and Fri 1300–2200Z‡, Tue, Wed and Thu 1300–0200Z‡ exc Sat, Sun and holidays) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 128.525 (When NYG twr clsd)

GCO 135.075 (QUANTICO CLNC DEL during opr hrs–6 clicks, POTOMAC CLNC DEL all other times–5 clicks. If unavailable, for Clnc Del ctc Potomac Apch at 866-709-4993.)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.17' 236° 6.2 NM to fld. 145/9W.

DME unusable:

017°–027° byd 20 NM

141°–308° byd 10 NM blo 3,000'

141°–308° byd 24 NM blo 6,000'

Byd 35 NM blo 3,500'

VOR unusable:

007°–027°

077°–083°

084 byd 16 NM blo 9,000'

085°–089° byd 16 NM

090°–140° byd 10 NM blo 3,000'

141°–308° byd 10 NM blo 3,000'

141°–308° byd 24 NM blo 6,000'

341°–006° blo 2,500'

341°–006° byd 10 NM blo 5,500'

341°–006° byd 30 NM blo 8,500'

341°–006° byd 36 NM

TACAN AZIMUTH unusable:

017°–027° byd 20 NM

141°–308° byd 10 NM blo 3,000'

141°–308° byd 24 NM blo 6,000'

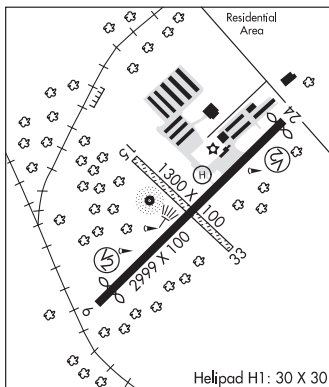
NDB (MHW) 237 EZF N38°15.98' W77°27.03' at fld. 83/10W. NOTAM FILE EZF. NDB unmonitored when arpt unatndd.

NDB unusable:

Byd 15 NM

• • • • •
HELIPAD H1: H30X30 (CONC)

WASHINGTON
L–29E, 34E, 36I, A
IAP



FRONT ROYAL—WARREN CO (FRR)(KFRR) 3 W UTC-5(-4DT) N38°55.05' W78°15.20'

WASHINGTON
L-29D, A
IAP

704 B TPA-1704(1000) NOTAM FILE DCA
RWY 10-28: H3007X75 (ASPH) S-12.5 MIRL 0.4% up E

RWY 10: APAP(PNIR)—GA 3.0° TCH 16'. Road.

RWY 28: APAP(PNIL)—GA 3.0° TCH 16'. Pole.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z. Deer and geese on and invof arpt. Glider ops on and invof arpt. Rwy 10 and Rwy 28 rgt tfc for gyrocopters, ultralights and gliders. Cold temperature rstd arpt.

Altitude correction required at and blc -10C/14F.

AIRPORT MANAGER: 540-635-3570

WEATHER DATA SOURCES: AWOS-3 121.85 (540) 635-5377.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ POTOMAC APP/DEP CON 120.45

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26'
W78°12.33' 335° 4.4 NM to fld. 2440/6W.

DME portion unusable:

115°-150° byd 20 NM blo 3,500'

150°-155° byd 20 NM blo 4,000'

155°-175° byd 20 NM blo 4,500'

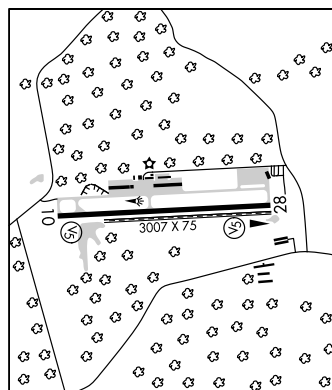
175°-200° byd 20 NM blo 5,000'

200°-225° byd 20 NM blo 5,500'

TACAN AZIMUTH unusable:

115°-225° byd 20 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-709-4993.



GALAX HILLSVILLE

TWIN CO (HLX)(KHLX) 7 NE UTC-5(-4DT) N36°45.97' W80°49.41'

CINCINNATI
L-26I
IAP

2694 B NOTAM FILE HLX

RWY 01-19: H4204X75 (ASPH) S-12.5 MIRL 1.2% up S

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 21'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dspcd 50'. Trees.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 01-19—CTAF.

AIRPORT REMARKS: Attended irregularly. Unattended New Year's Day, Easter, Thanksgiving and Christmas. Weekend attendance: coordinate during regular weekly bus hours. Self-svc fuel avbl 24 hrs with credit card. Deer on and invof arpt. After hrs terminal access avbl south side of bldg. Rwy 01 10-20' hill located 150' west of Rwy 01 begins north of thld.

AIRPORT MANAGER: 276-728-4504

WEATHER DATA SOURCES: AWOS-3 118.375 (276) 728-5897.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROANOKE APP/DEP CON 126.0

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26'
W80°42.77' 201° 20.0 NM to fld. 2120/6W. HIWAS.

TACAN AZIMUTH & DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-039° byd 25 NM blo 10,000'

DME unusable:

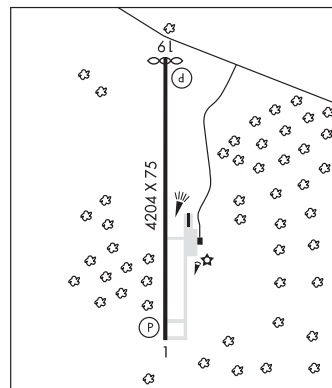
250°-350° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

052°-100°

234°-283°

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



GLADE SPRING N36°49.51' W82°04.74' NOTAM FILE DCA.

CINCINNATI
H-9B, 12G, L-26H

(L) VOR/DME 110.2 GZG Chan 39 045° 19.7 NM to Tazewell Co. 4200/2W. HIWAS.

VOR portion unusable:

351°-004° byd 15 NM blo 8,000'

RCD 122.1R 110.2T (LEESBURG RADIO)

GORDONSVILLE MUNI (GVE)(KGVE) 3 NE UTC-5(-4DT) N38°09.36' W78°09.95'

WASHINGTON

454 B NOTAM FILE DCA

L-34E, 36H

RWY 05-23: H2300X40 (ASPH) S-12.5 MIRL 0.5% up SW

IAP

RWY 05: APAP(PNIR). Tree.

RWY 23: APAP(PNIR). Thld dsplcd 440'. Tree.

SERVICE: S2 LGT ACTIVATE MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Attended intmt. After hrs ctc 907-545-4555. Rwy 05-23 old crackseal six inches wide in places. Rwy 05 and Rwy 23 NPI markings are non-std. Six bars that are not std size.

AIRPORT MANAGER: 540-832-2233

WEATHER DATA SOURCES: AWOS-3 120.225 (540) 832-2095. HIWAS 115.6 GVE.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 115.6T (LEESBURG RADIO)

Ⓡ POTOMAC APP/DEP CON 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

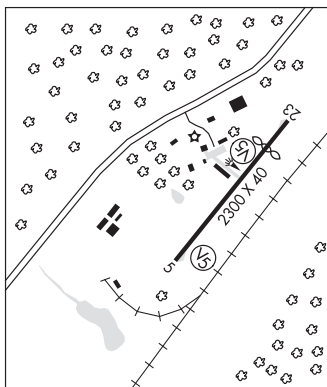
(H) VORTAC 115.6 GVE Chan 103 N38°00.82'

W78°09.18' 002° 8.6 NM to fld. 382/6W. HIWAS.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.



GORDONSVILLE N38°00.82' W78°09.18' NOTAM FILE DCA.

WASHINGTON

(H) VORTAC 115.6 GVE Chan 103 002° 8.6 NM to Gordonville Muni. 382/6W. HIWAS.

H-10H, 12H, L-34E, 36H

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

RCO 122.1R (LEESBURG RADIO)

GRUNDY MUNI (GDY)(KGDY) 3 SW UTC-5(-4DT) N37°13.94' W82°07.50'

CINCINNATI

2304 B NOTAM FILE DCA

L-26H

RWY 04-22: H2256X60 (ASPH) S-7 MIRL

RWY 04: APAP(PNIL).

RWY 22: APAP(PNIL).

SERVICE: LGT ACTIVATE MIRL Rwy 04-22—CTAF, high ints only. Rwy 04 and Rwy 22 VGSJ faded but usable.

AIRPORT REMARKS: Unattended. Wildlife invof arpt. Pay phone at arpt 276-935-8022.

AIRPORT MANAGER: 276-935-2551

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ INDIANAPOLIS CENTER APP/DEP CON 126.575

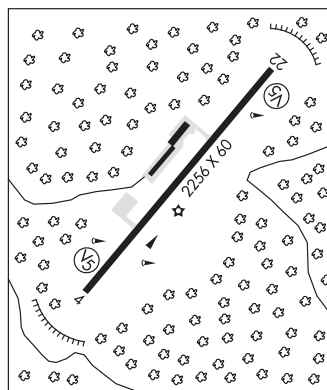
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'

W82°04.74' 357° 24.5 NM to fld. 4200/2W. HIWAS.

VOR portion unusable:

351°-004° byd 15 NM blo 8,000'



HAMPTON ROADS EXECUTIVE (See NORFOLK on page 361)

HANOVER CO MUNI (See RICHMOND/ASHLAND on page 370)

HARCUM N37°26.92' W76°42.68' NOTAM FILE DCA.

WASHINGTON

(L) VORTAC 108.8 HCM Chan 25 338° 5.0 NM to Middle Peninsula Rgnl. 8/7W.

H-10H, 12H, L-34E, 36H

VOR portion unusable:

056°-095° blo 2,000'

275°-300° blo 2,000'

RCO 122.1R 108.8T (LEESBURG RADIO)

HOPEWELL N37°19.73' W77°06.96' NOTAM FILE DCA.

WASHINGTON

(L) VORTAC 112.0 HPW Chan 57 003° 10.5 NM to New Kent Co. 70/6W. HIWAS.

H-10H, 12H, L-34E, 36H

RCO 122.1R 112.0T (LEESBURG RADIO)

HOT SPRINGS

INGALLS FLD (HSP)(KHSP) 3 S UTC-5(-4DT) N37°57.09' W79°50.03'

CINCINNATI
H-10H, 12H, L-26I
IAP

3793 B NOTAM FILE HSP
RWY 07-25: H5600X100 (ASPH-GRVD) S-65, D-160, 2S-175
HIRL 0.5% up SW

RWY 07: PAPI(P4R)—GA 3.0° TCH 45'. Trees.
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 56'.

SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE HIRL Rwy 07-25, PAPI Rws 07 and 25, REIL Rwy 25 and twy lghts—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z†. Wildlife, including bear on and in/ov arpt. Be advised low pass to check/clear wildlife when arpt unattended. ARNG call out svc during business hrs. Fee for call out svc. Ldg fee (Multi-engine acft) waived with fuel purchase.

AIRPORT MANAGER: 540-839-5326

WEATHER DATA SOURCES: AWOS-3 118.8 (540) 839-5974.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ WASHINGTON CENTER APP/DEP CON 134.4

AIRSPACE: CLASS E svc 1500-2300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03' W79°06.41' 280° 34.6 NM to fld. 3455/5W.

DME portion unusable:

061°-088° byd 35 NM blo 6,000'

114°-120° byd 28 NM blo 6,500'

154°-220° byd 28 NM blo 8,000'

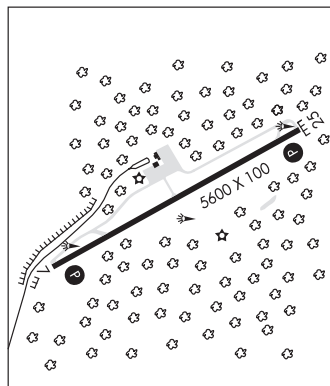
330°-335° byd 30 NM blo 6,000'

335°-001° byd 30 NM blo 7,000'

VOR portion unusable:

205°-220° byd 10 NM blo 6,000'

ILS 108.7 I-HSP Rwy 25. Unmonitored 0200-1230Z†.



HUMMEL FLD (See SALUDA on page 311)

INGALLS FLD (See HOT SPRINGS on page 351)

INGLE N36°50.43' W76°15.08' NOTAM FILE ORF.

WASHINGTON

NDB (LOMW) 329 OR 046° 4.0 NM to Norfolk Intl. 6/9W.

JONESVILLE

LEE CO (ØVG) 5 SW UTC-5(-4DT) N36°39.25' W83°13.07'

CINCINNATI
H-9B, 12G, L-25B
IAP

1411 B TPA—2411(1000) NOTAM FILE DCA

RWY 07-25: H5003X75 (ASPH) S-30 MIRL 0.9% up NE

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 25: REIL. PAPI(P2L)—GA 3.25° TCH 44'. Tree.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and Rwy 25, and REIL Rwy 07 and Rwy 25—CTAF.

AIRPORT REMARKS: Attended on call. Call 276-346-2075 or 276-346-3051. 100LL avbl 24/7 with credit card.

AIRPORT MANAGER: 276-346-7714

WEATHER DATA SOURCES: AWOS-3 120.125 (276) 346-3333.

COMMUNICATIONS: CTAF 122.9

Ⓡ ATLANTA CENTER APP/DEP CON 127.55

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

HAZARD (L) VOR/DME 111.2 AZQ Chan 49 N37°23.48' W83°15.78' 181° 44.2 NM to fld. 1243/4W. VOR/DME unmonitored & without voice when FSS clsd.

DME portion unusable:

Byd 25 NM blo 4,500'

JONES N36°36.87' W78°03.19' NOTAM FILE AVC.

WASHINGTON
L-36G

NDB (MHW) 373 AEA 008° 4.4 NM to Mecklenburg-Brunswick Rgnl. 271/9W.

KENBRIDGE

LUNENBURG CO (W31) 3 W UTC-5(-4DT) N36°57.62' W78°11.11'

526 B NOTAM FILE DCA

RWY 02-20: H3000X50 (ASPH-AFSC) S-12.5 LIRL 0.4% up N

RWY 02: APAP(PNIL)—GA 5.0° TCH 26'. Tree.

RWY 20: APAP(PNIL)—GA 5.0° TCH 26'. Tree.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Call arpt for fuel truck at 434-676-4225 or other times arpt manager 434-262-6759. Deer on and invof arpt.

Parachute activity on and invof arpt.

AIRPORT MANAGER: 434-676-4225

WEATHER DATA SOURCES: AWOS-3 123.875 (434) 676-1078.

COMMUNICATIONS: CTAF/UNICOM 122.7

WASHINGTON CENTER APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08'
W77°54.18' 310° 16.0 NM to fld. 350/8W. SHUTDOWN.

VOR unusable:

090° blo 7,000'

090° byd 20 NM

091°-105°

106° blo 7,500'

106° byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

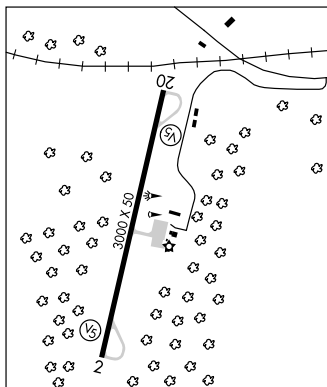
TACAN unusable:

Blo 3,000'

WASHINGTON

L-36G

IAP



LAKE ANNA (See BUMPASS on page 338)

LAKE COUNTRY RGNL (See CLARKSVILLE on page 340)

LANGLEY AFB (LFI)(KLF) AF (NASA A) 3 N UTC-5(-4DT) N37°04.97' W76°21.63'

WASHINGTON

8 B TPA—See Remarks NOTAM FILE LFI Not insp.

H-101, 121, L-35D

RWY 08-26: H10002X150 (CONC-GRVD) PCN 44 R/B/W/T HIRL

IAP, DIAP, AD

RWY 08: ALSF1. PAPI(P4L)—GA 2.8° TCH 54'.

RWY 26: ALSF1. PAPI(P4L)—GA 2.8° TCH 58'.

ARRESTING GEAR/SYSTEM

RWY 08 HOOK E5 (55' OVRN) HOOK BAK 12B(B) (1100'). HOOK BAK-12B(B) (1002') HOOK E5 (53' OVRN). **RWY 26 SERVICE:** S4 OX2 **MILITARY—LGT** Rwy 08-26 thld lgt gated, mid 70' inop/removed. **A-GEAR** E5 active rwy dep end.

BAK-12B(B) pendant cable always in place. BAK-12B extn. A-G O/S for maint: east BAK-12 Tue 1030-1130Z†, west BAK-12 Wed 1030-1130Z†. **JASU** 2(M32A-60) 2(MC-11) 4(A/M 32A-86) **FUEL** A+++. Exp up to 30 min delay. **OIL** 0-133-148-156 SOAP **TRAN ALERT** Opr 1130-0430Z† wkcd, clsd wkend, hol and ACC down days. Exp progressive taxi to park. Flw Me svc avbl O/R.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. Opr 1200-0400Z†, clsd weekend, hol and ACC down days. Ctc command post (CP) DSN 574-5411 or C757-764-5411 outside of opr hrs. **RSTD** ARFF Index ARFF is CAT 8. PPR ctc BASE OPS 1030-0430Z† DSN 574-2504, C757-764-2504. PPR valid +/- 1 hr of approval time. If outside of approval time slot ctc BASE OPS to update PPR. Only 1 fixed wing acft authorized from 1300-1400Z†. ACC RSRs applied to ACC acft only. Transport/DV acft ctc base ops 20 min prior ldg. ARFF Index: ARFF is CAT 8 with 8100 gallon of capability. Steady ARFF cond for Langley AFB is optimum level of svc (OLS) for CAT 1-8. **CAUTION** Ctc Base Ops for current BASH cond. Intensive IFR and VFR high performance fighter t/c within the Class D Airspace. Extv unctl general aviation t/c blo 3000' over James River and Chesapeake Bay. Dep t/c do not exceed 1000' on climbout until dep end of rwy. Laser lgt beam haz to direct visual obsn will be conducted at NASA Langley Research Center within 1/2 NM radius of 37° 06.3' N 76° 22.7' W. Strong caution is advised. Use extreme caution for UAS ops at NASA Langley research center from sfc 400' within 1/2 NM RAD of 370607.51N/762313.88W. Laser beam may be injurious to pilots/pax eyes within all alt of lgt source. Check NOTAM for date/time/duration/affected alt. Wx obsn site ltd 080°-250° due to bldg. ATC will relay twr prevailing visibility, sector visibility, lcl pilot reports or an occurrence of previously unreported wx conditions that could affect ops to wx flt. Wind shear conditions may exist on Rwy 26 through short final and touchdown, that are prevalent, undetectable and often unreported. Incr potential for hydroplaning due to excessive rubber build up. Afld grass cutting conducted from Mar-Nov, exp incr bird activity invof mowers. **TFC PAT** TPA—Overhead 3000(2992) at 5 DME descending to 1500' by 3 DME, rgt break Rwy 26, left break Rwy 08. Rectangular 1000(992) rgt t/c Rwy 26, left t/c Rwy 08. **NS ABTMT** Quiet hr wkdays 0330-1100Z†, wkends and hol 0330-1300Z†, waivers ctc command post DSN 574-5411. **MISC** Afld mgr DSN 574-2508. DD Form 1801 rqr 90 min prior to estimated time of dep. Rwy 08-26 grvd. ACC fighter acft exp reduced rwy separation day/VFR, similar acft 3000', dissimilar type acft 6000'. Ngt 6000' all acft. Tran acft notify twr on initial ctc if reduced rwy separation is not desired. Afld ops does not have COMSEC or facility to store for tran crews, tran crews should plan to arrive with appropriate amount of COMSEC to complete msn. COMSEC can be stored at 1FW Command Post, DSN 574-5411 C757-764-2504. Towing capabilities limited to universal towbar only. **A** Park, refuel and maintenance avbl on AF ramp. **NASA** All inbnd to NASA side must coord in advance with NASA Flt Svc Ops DSN 574-3070, C757-864-3887. Svc not avbl for non-NASA acft. Twy J can only be used dur dalgt and VFR cond as it does not have twy edge lghts. Only NASA BE200, T38, OV10 and T34 can opr on Twy J. Weight bearing waivers ctc afld mgr DSN 574-2508.

AIRPORT MANAGER: 757-764-2508

COMMUNICATIONS: SFA ATIS 270.1 PTD 142.3 376.2

® **NORFOLK APP/DEP CON** 126.05 370.925 (010°-080°) 127.9 269.42 (180°-310°) 124.9 379.1 (311°-009°)

TOWER 125.0 253.5 **GND CON** 121.7 275.8 **CLNC DEL** 118.85 257.625

COMD POST (Raymond 16) 251.25 (Have quick timing avbl 287.45)

PMSV METRO 239.8 (Wx DSN 574-908. Alternate PMSV is McGuire AFB. Full svc avbl Mon-Fri 1200-2200Z†. Remote briefing svc avbl 9 OWS Shaw AFB DSN 965-0939 thru 0943, C 803-895-0939.)

NASA OPS 123.375 310.4

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE LFI.

(L) **TACAN** Chan 70 LFI (112.3) N37°05.13' W76°21.56' at fld. 7/10W.

TACAN unusable:

252°-278° byd 20 NM

278°-342°

357°-033° byd 20 NM

DME unusable:

103°-165° byd 30 NM

ILS 109.9 I-LFI Rwy 08. No NOTAM MPs unsked; for sys downtimes coord thru 1 oss/osa

ILS 109.9 I-ABM Rwy 26. Class IB. No NOTAM MPs unsked; for sys downtimes coord thru 1 oss/osa.

LAWRENCEVILLE/BRUNSWICK MUNI (LVL)(KLVL) 3 E UTC-5(-4DT) N36°46.37' W77°47.66'**WASHINGTON**

329 B NOTAM FILE DCA

L-36G**RWY 18-36:** H3020X50 (ASPH) S-12.5 MIRL 0.6% up N**IAP****RWY 18:** Pole.**RWY 36:** Road.**RWY 06-24:** 1890X70 (TURF) 1.7% up NE**RWY 06:** Tree.**RWY 24:** Tree.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 18-36—CTAF.**AIRPORT REMARKS:** Attended Fri-Sun 1300-2100Z. Arpt attended irregularly. Arpt attended Memorial Day, Independence Day and Labor Day. Rwy 06-24 tmpry CLOSED due to obstructions. Deer on and invof arpt. Rwy 06-24 marked with cones.**AIRPORT MANAGER:** 434-848-2767**WEATHER DATA SOURCES:** AWOS-3 119.625 (434) 848-2017.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO 122.1R 112.9T** (LEESBURG RADIO)Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**(L) VORTAC** 112.9 LVL Chan 76 N36°49.08'

W77°54.18' 125° 5.9 NM to fld. 350/8W. SHUTDOWN.

VOR unusable:

090° blo 7,000'

090° byd 20 NM

091°-105°

106° blo 7,500'

106° byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

TACAN unusable:

Blo 3,000'

**LEE CO** (See JONESVILLE on page 351)**LEESBURG EXECUTIVE** (JYO)(KJYO) 3 S UTC-5(-4DT) N39°04.68' W77°33.45'**WASHINGTON**

390 B TPA-1200(810) LRA NOTAM FILE JYO

COPTER**RWY 17-35:** H5500X100 (ASPH-GRVD) S-30, D-70 HIRL**H-10H, 12I, L-29E, 34F, A****RWY 17:** ODALS (NSTD) REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.**IAP****RWY 35:** REIL. PAPI(P4L)—GA 3.0° TCH 37'. Tree.**SERVICE:** S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE HIRL Rwy 17-35, ODALS Rwy 17, REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35—CTAF. Rwy 17 NSTD ODALS, 3 lgt configuration.**AIRPORT REMARKS:** Attended 1100-0200Z. For svc after hrs call 703-889-8558. For fuel and other line svcs ctc arpt ops on frequency 128.95. Birds and deer on and invof arpt. Helicopter activity. Calm wind use Rwy 17. Ramp fence southwest side ramps lead-in lines on west ramp not avbl. PAEW on and invof arpt. Possible thermal plumes from power plant 1.3 NM SSE.**AIRPORT MANAGER:** 703-737-7125**WEATHER DATA SOURCES:** AWOS-3 125.225 (703) 777-3781.**COMMUNICATIONS:** CTAF/UNICOM 122.975**RCO 122.2 122.6** (LEESBURG RADIO)Ⓡ **POTOMAC APP/DEP CON** 126.1**CLNC DEL** 118.55**RADIO AIDS TO NAVIGATION:** NOTAM FILE IAD.**ARML (L) VOR/DME** 113.5 AML Chan 82 N38°56.08'

W77°28.00' 342° 9.6 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

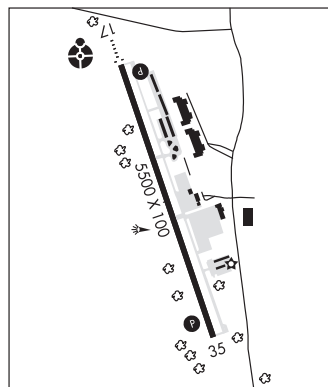
093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

ILS/DME 111.75 I-JYO Chan 54(Y) Rwy 17. Class IE.**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc Potomac Apch at 866-709-4993.

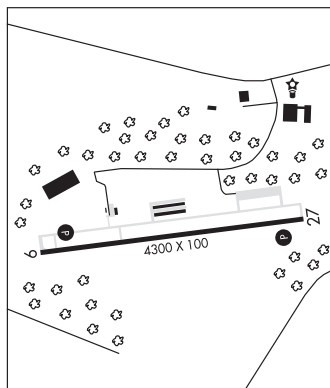
LINDEN N38°51.26' W78°12.33' NOTAM FILE DCA.
(L) VORTAC 114.3 LDN Chan 90 335° 4.4 NM to Front Royal–Warren Co. 2440/6W.
 DME portion unusable:
 115°–150° byd 20 NM blo 3,500'
 150°–155° byd 20 NM blo 4,000'
 155°–175° byd 20 NM blo 4,500'
 175°–200° byd 20 NM blo 5,000'
 200°–225° byd 20 NM blo 5,500'
 TACAN AZIMUTH unusable:
 115°–225° byd 20 NM
RCO 122.1R 114.3T (LEESBURG RADIO)

**WASHINGTON
 COPTER**
 H–10H, 12H, L–29D, 34E, A

LONESOME PINE (See WISE on page 380)

LOUISA CO/FREEMAN FLD (LKU)(KLKU) 2 SE UTC–5(–4DT) N38°00.59' W77°58.21' 494 B NOTAM FILE LKU
RWY 09–27: H4300X100 (ASPH) S–12.5 MIRL 0.6% up E
RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.
RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 09–27, REIL and PAPI Rwy 09 and Rwy 27—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1330–2200Z†. Sun and holidays 1500–2200Z†. Deer and birds on invof arpt.
AIRPORT MANAGER: 540-967-0050
WEATHER DATA SOURCES: AWOS–3 119.475 (540) 967–1983.
COMMUNICATIONS: CTAF/UNICOM 122.725
 Ⓡ **POTOMAC APP/DEP CON** 132.85 120.525
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82' W78°09.18' 097° 8.7 NM to fld. 382/6W. **HIWAS.**
 TACAN AZIMUTH unusable:
 250°–260° byd 25 NM blo 7,000'
LOC 108.55 I–LKU Rwy 27. Unmonitored.
COMM/NAV/WEATHER REMARKS: For Clnc Del etc Potomac Apch at 866–640–4124.

**WASHINGTON
 L–34E, 36H
 IAP**



LUNENBURG CO (See KENBRIDGE on page 352)

LURAY CAVERNS (LUA)(KLUVA) 2 W UTC–5(–4DT) N38°40.00' W78°30.05' 902 B NOTAM FILE DCA
RWY 04–22: H3126X75 (ASPH) S–12 HIRL
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Tree.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Road. Rgt tfc.
SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTIVATE REIL Rwy 04 and Rwy 22, HIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Attended 1300–2300Z†. Deer and birds on and invof arpt. Taxi on hard sfcs only. Cold temperature rstd arpt. Altitude correction required at or blo –16C/3F.
AIRPORT MANAGER: 540-743-6070
WEATHER DATA SOURCES: AWOS–3 118.275 (540) 743–1148.
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.2
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26' W78°12.33' 237° 17.8 NM to fld. 2440/6W.
 DME portion unusable:
 115°–150° byd 20 NM blo 3,500'
 150°–155° byd 20 NM blo 4,000'
 155°–175° byd 20 NM blo 4,500'
 175°–200° byd 20 NM blo 5,000'
 200°–225° byd 20 NM blo 5,500'
 TACAN AZIMUTH unusable:
 115°–225° byd 20 NM
CAVERNS NDB (MHW) 245 LUA N38°41.96' W78°28.34' 223° 2.4 NM to fld. 834/9W. NDB unmonitored when arpt unatndd.
 NDB unusable:
 050°–208° byd 10 NM
 209°–049° byd 15 NM

**WASHINGTON
 L–29D
 IAP**

LYNCHBURG

FALWELL (W24) 3 SE UTC-5(-4DT) N37°22.68' W79°07.33'

939 TPA—1739(800) NOTAM FILE DCA

RWY 10-28: H2932X50 (ASPH) MIRL 4.7% up W

RWY 10: Tree.

RWY 28: TRCV(TRIL). Trees.

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended Apr–Oct 1200–0000Z†, Nov–Mar 1200–2300Z†. Deer on and in/ov arpt. Land Rwy 28 (west) tkf Rwy 10 (east).

AIRPORT MANAGER: 434-845-8769

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ROANOKE APP/DEP CON** 125.47 135.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.27' W79°14.18' 041° 9.2 NM to fld. 871/5W. **HIWAS.**

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540–563–1307.

CINCINNATI
L-26J, 36G
IAP

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)(KLYH) 5 SW UTC-5(-4DT) N37°19.52' W79°12.07'

938 B Class I, ARFF Index A NOTAM FILE LYH

RWY 04-22: H7100X150 (ASPH-GRVD) S-90, D-108, 2D-170

PCN 29 F/A/X/T HIRL 0.6% up NE

RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-T

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. RVR-R

RWY 17-35: H3386X75 (ASPH) S-25, D-35, 2D-55 MIRL

RWY 17: REIL. PAPI(P2L)—GA 4.0° TCH 16'.

RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 17'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7100 TODA-7100 ASDA-6800 LDA-6800

RWY 17: TORA-3386 TODA-3386 ASDA-3386 LDA-3386

RWY 22: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 35: TORA-3386 TODA-3386 ASDA-3386 LDA-3386

SERVICE: S4 FUEL 100LL, JET A **OX 3 LGT** When twr clsd **ACTIVATE**

HIRL Rwy 04-22, MALSR Rwy 04 and twy lgts—CTAF. MIRL Rwy

17-35, REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35

unavbl when twr clsd.

AIRPORT REMARKS: Attended 1000-0459Z†. All svcs work in progress mowing/maintenance. Extensive flight training on and in/ov arpt. PPR 12 hrs for unscheduled acft ops with more than 30 passenger seats.

Call ARFF 434-582-1157. Twy G uncontrolled not visible from twr. Twy G clsd to air carrier and acft over 12,500 lbs.

Birds and other wildlife on and in/ov arpt. Rwy 17-35 PPR for acft over 12,500 lbs.

AIRPORT MANAGER: 434-455-6090

WEATHER DATA SOURCES: ASOS 119.8 (434) 237-0749. **HIWAS** 109.2 LYH. **LAWRS.**

COMMUNICATIONS: CTAF 127.65 ATIS 119.8 UNICOM 122.95

RCO 122.1R 109.2T (LEESBURG RADIO)

Ⓡ **ROANOKE APP/DEP CON** 125.47 135.0

TOWER 127.65 (1130-0330Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1130-0330Z† other times CLASS E.

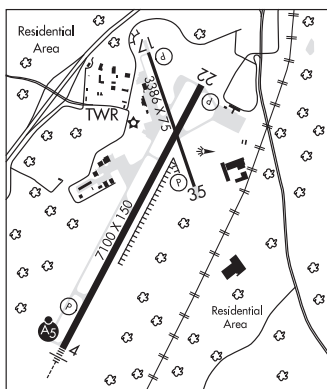
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

(L) VORTAC 109.2 LYH Chan 29 N37°15.27' W79°14.18' 027° 4.6 NM to fld. 871/5W. **HIWAS.**

BOJAR NDB (MHW/LOM) 385 LY N37°15.75' W79°14.59' 036° 4.3 NM to fld. 804/8W. NDB unmonitored when ATCT closed.

ILS 110.1 I-LYH Rwy 04. Class OF IE. LOM **BOJAR NDB.** ILS Monitored 24 hr at aocc.

CINCINNATI
H-10H, 12H, L-26J, 36G
IAP AD



MARION/WYTHEVILLE

MOUNTAIN EMPIRE (MKJ)(KMKJ) 9 NE UTC-5(-4DT) N36°53.69' W81°21.00'

CINCINNATI
H-9B, 12H, L-26I
IAP

2558 B NOTAM FILE MKJ

RWY 08-26: H5252X75 (ASPH) S-20 MIRL 1.1% up W

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 47'. Road.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 08-26 preset low ints, **ACTIVATE** higher ints—CTAF.

AIRPORT REMARKS: Attended Apr-Oct Sun 1800-2300Z±, Nov-May Mon-Sat 1300-2200Z±, Nov-May Sun 1800-2300Z±, April-Oct Mon-Sat 1300-2300Z±. After hrs ctc 276-685-1122. Rwy 26 previous markings showing through. Located 9 NM northeast Marion.

AIRPORT MANAGER: 276-783-8805

WEATHER DATA SOURCES: AWOS-3 123.875 (276) 686-6420. AWOS dp unrel.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ ATLANTA CENTER APP/DEP CON 127.85

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26'

W80°42.77' 256° 32.7 NM to fld. 2120/6W. **HIWAS.**

TACAN AZIMUTH & DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-039° byd 25 NM blo 10,000'

DME unusable:

250°-350° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

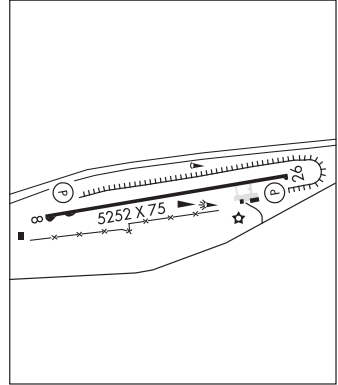
052°-100°

234°-283°

SUZZE NDB (MHW/LOM) 335 MKJ N36°55.21' W81°14.60' 260° 5.4 NM to fld. 2540/6W. NOTAM FILE MKJ.

NDB unmonitored when arpt unatndd.

LOC/DME 110.5 I-MKJ Chan 42 Rwy 26. LOC unmonitored when arpt unatndd. LOC unusable byd 15° left of course.



MARTINSVILLE

BLUE RIDGE (MTV)(KMTV) 8 SW UTC-5(-4DT) N36°37.85' W80°01.10'

CINCINNATI
H-9B, 12H, L-26J
IAP

941 B NOTAM FILE MTV

RWY 12-30: H5002X100 (ASPH-GRVD) S-30, D-60 MIRL

0.6% up NW

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 56'. Bldg.

RWY 30: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 52'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A+ **OX** 1, 2, 3, 4 **LGT** **ACTIVATE** MIRL

Rwy 12-30, PAPI Rwys 12 and 30, REIL Rwy 12 and Rwy 30, and

ODALS Rwy 30—CTAF. PAPI Rwy 12 unusable byd 9° right of

centerline. PAPI Rwy 30 unusable byd 8° right of centerline.

AIRPORT REMARKS: Attended 1300-2300Z±. Deer on and invof arpt. Cold temperature restricted arpt. Altitude correction required at or below -18C.

AIRPORT MANAGER: 276-957-2291

WEATHER DATA SOURCES: AWOS-3 118.45 (276) 957-3784.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ GREENSBORO APP/DEP CON 124.35

CLNC DEL 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE GSO.

GREENSBORO (H) VORTAC 116.2 GSO Chan 109 N36°02.74'

W79°58.58' 360° 35.1 NM to fld. 909/3W. **HIWAS.**

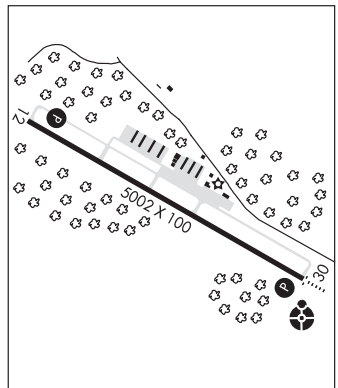
TACAN AZIMUTH unusable:

255°-290° blo 6,000'

BALES NDB (MHW/LOM) 396 UV N36°35.41' W79°55.05' 304° 5.4 NM to fld. 1089/7W. NOTAM FILE MTV.

NDB unmonitored when arpt unatndd.

LOC/DME 111.3 I-UVM Chan 50 Rwy 30. Class I/T. LOM BALES NDB. Unmonitored when ATCT clsd.



MECKLENBURG—BRUNSWICK RGNL (See SOUTH HILL on page 372)**MELFA****ACCOMACK CO** (MFV)(KMFV) 1 W UTC-5(-4DT) N37°38.81' W75°45.66'**WASHINGTON**
H-101, 121, L-361
IAP

48 B TPA—See Remarks NOTAM FILE MFV

RWY 03-21: H5000X100 (ASPH) S-26 MIRL**RWY 03:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**RWY 21:** REIL. PAPI(P2L)—GA 3.0° TCH 39'. Tree.**SERVICE:** FUEL 100LL, JET A LGT MIRL Rwy 03-21 preset low ints, increase ints and ACTIVATE REIL Rwy 03 and Rwy 21—CTAF.**AIRPORT REMARKS:** Attended 1330-2230Z†. After hours access to restrooms. Self serve fuel (100LL and JET A) avbl 24 hrs. Deer on and invof arpt. TPA—898(850) light acct, 1548(1500) heavy acct.**AIRPORT MANAGER:** 757-787-4600**WEATHER DATA SOURCES:** AWOS-3 118.175 (757) 787-5660.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Fri, 1300-2300Z†

Sat-Sun, clsd holidays, other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2**GCO** 135.075 (NORFOLK CLNC DEL)**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**CAPE CHARLES (L) VORTAC** 112.2 CCV Chan 59 N37°20.85'

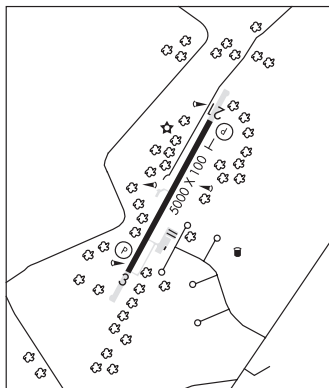
W75°59.86' 042° 21.2 NM to fld. 10/10W.

TACAN azimuth unusable

VOR portion unusable:

137°-322° byd 17 NM blo 2,000'

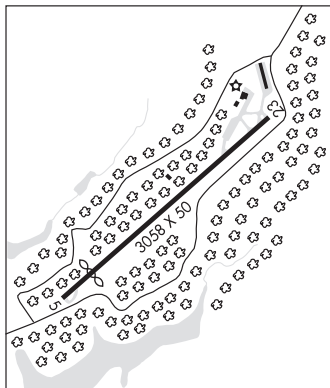
137°-322° byd 22 NM blo 3,000'

NDB (MHW) 336 BDB N37°34.22' W75°47.90' 032° 4.9 NM to fld. 26/11W.**LOC** 110.15 I-MFV Rwy 03.**MIDDLE PENINSULA RGNL** (See WEST POINT on page 379)**MONETA****SMITH MOUNTAIN LAKE** (W91) 4 SE UTC-5(-4DT) N37°06.46' W79°35.55'**CINCINNATI**
L-261
IAP

892 B NOTAM FILE DCA

RWY 05-23: H3058X50 (ASPH) MIRL 1.2% up NE**RWY 05:** Thld dsplcd 250'. Trees.**RWY 23:** REIL. Tree.**SERVICE:** S4 FUEL 100LL LGT Rwy 23 REIL OTS indef.**AIRPORT REMARKS:** Attended dalgt hrs. Parachute Jumping. Deer on and invof arpt. Rwy 05 non-std CL markings within first quarter of rwy only. Rwy 23 non-std small displacement arrows and CL markings first quarter of rwy.**AIRPORT MANAGER:** 540-297-4859**COMMUNICATIONS:** CTAF/UNICOM 122.975**ROANOKE APP/DEP CON** 135.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE LYH.**LYNCHBURG (L) VORTAC** 109.2 LYH Chan 29 N37°15.27'

W79°14.18' 248° 19.2 NM to fld. 871/5W. HIWAS.

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.

MONTEBELLO N37°54.03' W79°06.41' NOTAM FILE DCA.
(L) VOR/DME 115.3 MOL Chan 100 030° 23.9 NM to Shenandoah Valley Rgnl. 3455/5W.
 DME portion unusable:
 061°-088° byd 35 NM blo 6,000'
 114°-120° byd 28 NM blo 6,500'
 154°-220° byd 28 NM blo 8,000'
 330°-335° byd 30 NM blo 6,000'
 335°-001° byd 30 NM blo 7,000'
 VOR portion unusable:
 205°-220° byd 10 NM blo 6,000'
RCO 122.1R 115.3T (LEESBURG RADIO)

CINCINNATI
 H-10H, 12H, L-22G

MOUNTAIN EMPIRE (See MARION/WYTHEVILLE on page 357)

NAILR N38°27.26' W77°54.32' NOTAM FILE CJR.
NDB (MHW) 351 MSQ 037° 4.8 NM to Culpeper Rgnl. 289/10W.
 NDB unusable:
 260°-355° byd 15 NM

WASHINGTON
 L-29E, 34E, 36I, A

NEW KENT CO (See QUINTON on page 367)

NEW LONDON (See FOREST on page 346)

NEW MARKET (8W2) 2 W UTC-5(-4DT) N38°39.36' W78°42.51'
 963 B TPA-1788(825) NOTAM FILE DCA
RWY 06-24: H2920X60 (ASPH) LIRL(NSTD)

WASHINGTON
 L-22G
 IAP

RWY 06: Trees. Rgt tfc.
RWY 24: Thld dspicd 918'. Pole.

SERVICE: S2 **FUEL** 100LL **LGT** Rwy 06-24 NSTD LIRL, thld lgts one fixture each side. Rwy 06 lgtd thld relocated 100' and Rwy 24 lgtd thld relocated 930' for ngt ops, 2020' Rwy 06-24 lgts at ngt. No rwy end lgts Rwy 24. Arpt lights opr dusk-0300Z†. Rotating bcn ops dusk-0300Z†.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z†. Unattended Thanksgiving, Christmas and New Years day. Fuel 24 hr credit card svc. Arriving pilots should use caution. Parachute Jumping. Skydiving ops within 2 NM of the arpt from 0800-SS every weekend and occasionally during the week. Hot air balloons weekends early morning and late afternoon. Deer and birds on and invof rwy. Pilots use caution. Numerous cracks in rwy. Eastern 1/3 of rwy pavement failed with FOD potential. Western 2/3 of rwy pavement in poor condition with raveling. Balloon repair station. Acft repairs avbl, but not full-time. Power plant repairs avbl, but not full-time. Approximately 1000' north of rwy, 200' ridge/trees parallel rwy. Cold temperature rstd arpt. Altitude correction required at or blo -24C/-11F.

AIRPORT MANAGER: 703-327-0444

WEATHER DATA SOURCES: AWOS-3 118.175 (540) 740-3801.

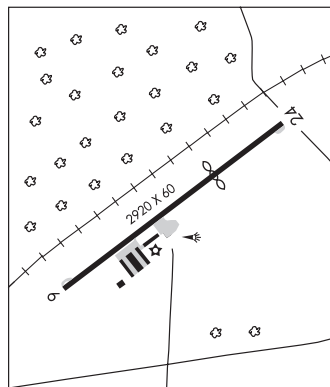
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓜ **WASHINGTON CENTER APP/DEP CON** 133.2

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26' W78°12.33' 249° 26.4 NM to fld. 2440/6W.

DME portion unusable:
 115°-150° byd 20 NM blo 3,500'
 150°-155° byd 20 NM blo 4,000'
 155°-175° byd 20 NM blo 4,500'
 175°-200° byd 20 NM blo 5,000'
 200°-225° byd 20 NM blo 5,500'
TACAN AZIMUTH unusable:
 115°-225° byd 20 NM



NEW RIVER VALLEY (See DUBLIN on page 344)

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)(KPHF) 9 NW UTC-5(-4DT) N37°07.91' W76°29.58'

WASHINGTON
H-101, 121, L-34E, 35D, 36H
IAP, AD

42 B LRA Class I, ARFF Index B NOTAM FILE PHF
RWY 07-25: H8003X150 (ASPH-GRVD) S-100, D-200, 2S-175,
 2D-350 PCN 73 R/B/W/T HIRL
RWY 07: MALSR, RVR-T Trees.
RWY 25: REIL, VASI(V4L)—GA 3.0° TCH 55'. Trees.
RWY 02-20: H6526X150 (CONC-GRVD) S-100, D-200, 2S-175,
 2D-350 PCN 68 R/C/W/T HIRL
RWY 02: PAPI(P4L)—GA 3.0° TCH 53'.
RWY 20: REIL, PAPI(P4L)—GA 3.0° TCH 43'. Road.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 20	07-25	5200
RWY 25	02-20	6550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02:	TORA-6526	TODA-6526	ASDA-6526	LDA-6526
RWY 07:	TORA-8003	TODA-8003	ASDA-8003	LDA-8003
RWY 20:	TORA-6526	TODA-6526	ASDA-6526	LDA-6526
RWY 25:	TORA-8003	TODA-8003	ASDA-8003	LDA-8003

SERVICE: S4 FUEL 100LL, JET A OX4 LGT ACTIVATE MALSR Rwy 07;
 REIL Rwy 20; PAPI Rwy 02, Rwy 20; HIRL Rwy 02-20; REIL Rwy 25;
 VASI Rwy 25; HIRL Rwy 07-25 and twy lgts—CTAF. Rwy 07 MALSR unmonitored.

AIRPORT REMARKS: Attended continuously. Glider activity approximately 19 miles southwest of arpt, up to base of clouds. Birds invof arpt. PPR 45 minutes for unscheduled air carrier ops with more than 30 passenger seats call arpt ops at 757-234-0568. Rwy 02-20 CONC-GRVD from AER 20 to 5000'. Remainder ASPH-GRVD. Acft arriving/departing Newport News should announce intentions on CTAF when twr clsd. Ldg fee for acft over 12,500 lbs. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 757-877-0221

WEATHER DATA SOURCES: ASOS (757) 874-3682

COMMUNICATIONS: CTAF 118.7 ATIS 128.65 UNICOM 122.95

RCO 122.2 122.65 (LEESBURG RADIO)

Ⓡ NORFOLK APP CON 125.7 CLNC DEL 124.9 (when twr clsd)

TOWER 118.7 (1100-0400Z‡) GND CON 121.9 CLNC DEL 121.65 PRE TAXI CLNC 121.65

Ⓡ NORFOLK DEP CON 124.9

AIRSPACE: CLASS D svc 1100-0400Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 323° 20.1 NM to fld. 20/7W.

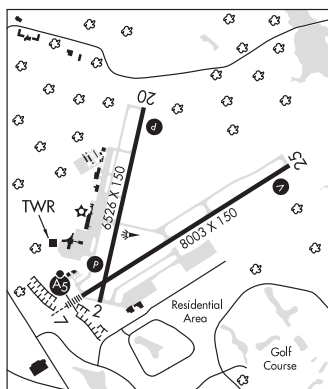
VORTAC unusable;

Byd 30 NM blo 2,500'

ILS/DME 110.1 I-PHF Chan 38 Rwy 07. Class IA. Unmonitored when ATCT clsd.

LOC/DME 109.3 I-FJQ Chan 30 Rwy 20. Unmonitored when ATCT clsd.

ILS/DME 110.1 I-DHY Chan 38 Rwy 25. Class IE.



NORFOLK

CHESAPEAKE RGNL (CPK)(KCPK) 12 S UTC-5(-4DT) N36°39.94' W76°19.24'

WASHINGTON
H-101, 121, L-35D
IAP

19 B TPA—See Remarks NOTAM FILE CPK
RWY 05-23: H5500X100 (ASPH-GRVD) S-30 HIRL
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 43'. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Tree. Rgt tfc.
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 05-23, MALSR Rwy 05 and REIL Rwy 23—CTAF.
AIRPORT REMARKS: Attended 1300-0100Z†. For fuel after hrs call in advance 757-421-9000. Self-svc avbl. Deer and geese on and invof rwy. Noise abatement procedures in effect; ctc arpt manager 757-432-8110. TPA 1019(1000), turbine/large acft 1519(1500).

AIRPORT MANAGER: 757-432-8110
WEATHER DATA SOURCES: AWOS-3 123.675 (757) 421-0252.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **NORFOLK APP/DEP CON** 118.9

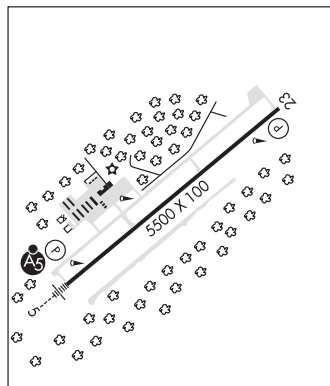
GCO 135.075 (ORF CD)

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 210° 14.7 NM to fld. 20/7W.

VORTAC unusable:
 Byd 30 NM blo 2,500'

ILS/DME 111.7 I-EYK Chan 54 Rwy 05. Class IA. LOM unusable byd 15 NM.



HAMPTON ROADS EXECUTIVE (PVG)(KPVG) 7 SW UTC-5(-4DT) N36°46.85' W76°27.08'

WASHINGTON
L-35D, 36H
IAP

28 B TPA—See Remarks NOTAM FILE DCA

RWY 10-28: H5350X100 (ASPH-GRVD) D-75 HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees. Rgt tfc.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Brush.
RWY 02-20: H3525X70 (ASPH) S-12.5 MIRL
RWY 02: Thld dsplcd 898'. Road.
RWY 20: Thld dsplcd 928'. Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 02-20, REIL Rwy 10 and Rwy 28, PAPI Rwy 10 and Rwy 28, HIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1130-0200Z†. Extensive helicopter training. Deer on and invof arpt. Rwy 10-28 preferred use rwy. Rwy 10 and Rwy 20 rgt tfc for fixed wing acft. Multiple 1000' AGL towers 1.5 NM northwest of afd. Rwy 02-20 has numerous cracks. Twys supporting rwy have numerous crack and FOD potential. TPA—700(677) for helicopters.

AIRPORT MANAGER: 757-465-0260
WEATHER DATA SOURCES: AWOS-3 118.375 (757) 465-2175.

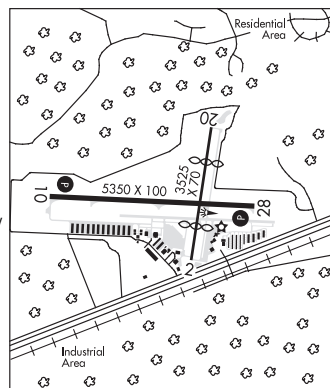
COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NORFOLK APP/DEP CON** 118.9

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 248° 13.8 NM to fld. 20/7W.

VORTAC unusable:
 Byd 30 NM blo 2,500'



NORFOLK INTL (ORF)(KORF) 3 NE UTC-5(-4DT) N36°53.68' W76°12.07'

27 B LRA Class I, ARFF Index C NOTAM FILE ORF

RWY 05-23: H9001X150 (ASPH-CONC-GRVD) S-150, D-200,

2S-175, 2D-350, 2D/2D2-475 PCN 54 R/B/X/T HIRL CL

RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-T Thld
dspclcd 1000'. Trees. Rgt tfc.

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-R Pole.

RWY 14-32: H4875X150 (ASPH-GRVD) S-75, D-100, 2S-127

PCN 19 F/C/X/T MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Thld dspclcd 213'. Tree.
Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 14	05-23	2850
RWY 23	14-32	6300

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-9001 TODA-9001 ASDA-8809 LDA-7809

RWY 14: TORA-4875 TODA-4875 ASDA-4875 LDA-4300

RWY 23: TORA-9001 TODA-9001 ASDA-8995 LDA-8995

RWY 32: TORA-4875 TODA-4875 ASDA-3900 LDA-3900

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 4

AIRPORT REMARKS: Attended continuously. Parachute Jumping. Flocks of birds on and in/ov arpt. Intmt afld mowing ops
Mar–Nov. NS ABTMT procedures in effect. Rwy 05-23 grvd 7300' X 130' standard grooving beginning 200' from AER
05. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 757-857-3344

WEATHER DATA SOURCES: ASOS (757) 460-9348 WSP

COMMUNICATIONS: ATIS 127.15 (757) 464-1390

RCO 122.1R 116.9T (LEESBURG RADIO)

Ⓡ APP CON 118.9 (010°-080°) (180°-310°) 125.7(311°-009°)

TOWER 120.8 GND CON 121.9 CLNC DEL 118.5

Ⓡ DEP CON 125.2

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' at fld. 20/7W.

VORTAC unusable:

Byd 30 NM blo 2,500'

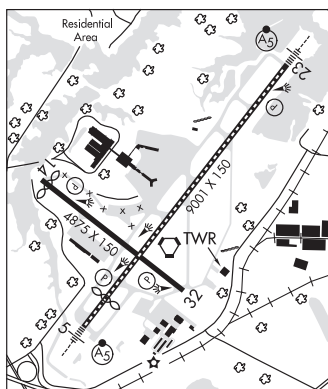
INGLE NDB (LOMW) 329 OR N36°50.43' W76°15.08' 046° 4.0 NM to fld. 6/9W.

ILS/DME 109.1 I-ORF Chan 28 Rwy 05. Class IB. LOM INGLE NDB. Glideslope unusable for cpld appr blo 744'.

LOM OTS.

ILS/DME 109.1 I-JZQ Chan 28 Rwy 23. Class IA.

WASHINGTON
H-101, 121, L-35D, 36H
IAP, AD



NORFOLK NS (CHAMBERS FLD) (NGU)(KNGU) N 0 NW UTC-5(-4DT) N36°56.25' W76°17.36'

WASHINGTON
H-101, 121, L-35D, 36H
DIAF, AD

15 B NOTAM FILE NGU Not insp.

RWY 10-28: H8370X200 (ASPH-GRVD) PCN 80 R/B/W/T HIRL CL

RWY 10: ALSF2. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 35'. Thld dspcd 299'.

RWY 28: SSALS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 36'. Thld dspcd 995'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-8370 LDA-8071

RWY 28: TORA-8370 LDA-7375

ARRESTING GEAR/SYSTEM

RWY 10 HOOK E28(B) (1500'). **HOOK E28 (B) (1062'). RWY 28**

SERVICE: OX 1, 2 **MILITARY—A-GEAR** Avoid centerline lgt Rwy 10-28 dur cable engagement to prevent tailhook skip. Dist Rwy 28 measured fr displ thld. E-28(B) in raised posn at dep end of rwy normally. Short-fld gear avbl with 20 min PN. **JASU** (NC-10C) (NC-8A/A1) (NCP-105 Ctc Air OPS Duty Officer to ensure avbl.) **FUEL** No tran copter hot pit wo prior coord with host squadron. J5 **FLUID** ADI SP PRESAIR LHOX LOX OIL Unavailable. **TRAN ALERT** Ltd tran maint avbl wkcd only 1200-2000Z†. Tran maint unavbl OT. 2 hr PN rqr for LOX.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR for non Chambers fld based acft. DSN 262-3419/3429, C757-322-3419/3429 AMC/ATOC DSN 564-4735/3922, C757-444-4735/3922. Acft utilizing AMC terminal ctc ATOC/AMC terminal 15 min prior arr with load report. Acft overseas ctc AMC/ATOC via phone patch 2 hr prior arr for CSTMS. All other acft, ctc Base Ops 15 min prior arr. Rwy 10-28 grvd. **CAUTION** Extv fish spotter acft activity (single engine general aviation acft) upwards from 1500' over Chesapeake Bay and adjacent coastal waters. Do not mistake Norfolk Intl 5 NM southeast for Chambers Fld, while inbnd on TACAN/RNAV Rwy 28 apchs. Chambers Fld has a single rwy. Norfolk Intl has intersecting rwys. Arr/dep Tfc Collision Avoidance Sys equipped acft exp numerous Tfc Collision Avoidance Sys alerts from ships or transiting into/out of the Chesapeake and coastal waters. Extv VFR tfc opr west of Chambers Class D and Norfolk Class C airspace. Bird haz. **TFC PAT** Basic fixed wing VFR minimums 1000' and 3 NM. Heliport Rwy 09-27. **NS ABTMT** No practice apch Mon-Sat 0400-1200Z†, Sun 0400-1800Z†. Other times by NOTAM. No helicopter overflight Willoughby Spit exc via Point Xray (Chambers TACAN R-042/1.5 DME) or point Yankee (Chambers Tacan R-009/1.8 DME) at 500'. **MISC** Flight plans for NS Norfolk, Chambers Fld and NAS Oceana should be faxed to DSN 565-9680, C757-445-9680, or emailed to kngu.ftplng.fct@navy.mil. To CFM receipt of flight plans call NS Norfolk, Chambers Fld flight planning supervisor at DSN 262-3419/3429, C757-322-3419/3429.

COMMUNICATIONS: SFA ATIS 118.425 342.0

Ⓡ **APP CON** 118.9 273.475 (010°-310°) 125.7 335.625 (311°-009°)

CHAMBERS TOWER 124.3 379.15 **GND CON** 121.8 370.85 **CLNC DEL** 120.7 339.8

Ⓡ **DEP CON** 125.2 335.625 363.125

NAVY NORFOLK HELI TWR 126.375 290.5 (Opr Mon-Fri 1300-0400Z†, clsd Sat, Sun, and hol)

NAVY NORFOLK HELI GND CON 298.95 **AMC/ATOC** 130.65 349.5 **METRO** 271.6 **BASE OPS** 134.1 268.8

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(H) **VORTAC** 116.9 ORF Chan 116 N36°53.51' W76°12.02' 310° 5.1 NM to fld. 20/7W.

VORTAC unusable:

Byd 30 NM blo 2,500'

CHAMBERS (L) TACAN Chan 86(Y) NGU (113.95) N36°56.40' W76°16.64' at fld. 10/10W. NOTAM FILE NGU.

TACAN AZIMUTH unusable:

261°-269° byd 20 NM

ILS/DME 108.95 I-NGU Chan 26(Y) Rwy 10. Class IB. No NOTAM MP Wed 1230-1630Z†.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar svc avbl Mon 1200Z† thru Fri 0400Z†. See Terminal FLIP for Radar Minima. PAR No NOTAM MP. Radar No NOTAM MP Mon 1230-1630Z†, Wed 1230-1630Z†.

OCEANA NAS (APOLLO SOUCEK FLD) (NTU)(KNTU) N 3 SW UTC-5(-4DT) N36°49.36'

WASHINGTON

W76°01.91'

H-101, 121, L-35D

22 B NOTAM FILE NTU Not insp.

DIAP, AD

RWY 05R-23L: H12008X200 (ASPH-CONC) PCN 79 R/C/W/T HIRL CL

RWY 05R: ALSF1. OLS.

RWY 23L: ALSF1. OLS.

RWY 14L-32R: H8001X150 (ASPH-CONC) PCN 19 R/C/W/T HIRL

RWY 14L: OLS.

RWY 32R: OLS.

RWY 05L-23R: H8000X150 (ASPH-CONC) PCN 90 R/B/W/T HIRL

RWY 05L: OLS.

RWY 23R: OLS.

RWY 14R-32L: H8000X200 (ASPH-CONC) PCN 75 R/B/W/T HIRL CL

RWY 14R: OLS.

RWY 32L: ALSF1. OLS.

ARRESTING GEAR/SYSTEM

RWY 05R HOOK E28(B) (1438').

HOOK E28(B) (1500'). **RWY 23L**

RWY 14L HOOK E28(B) (1500').

HOOK E28(B) (1502'). **RWY 32R**

RWY 05L HOOK E28(B) (1476').

HOOK E8(B) (1500'). **RWY 23R**

RWY 14R HOOK E28(B) (1500').

HOOK E28(B) (1500'). **RWY 32L**

SERVICE: OX 1, 2, 3, 4 **MILITARY—A-GEAR** A-G nml rigged all rwy except inboard rwy shortfield A-G. **JASU** (NC-10C)

(NC-108) (MSU-200 Ctc Air OPS Duty Officer to ensure avbl.) **FUEL** J5. No fuel svc 0430-0530Z. Lt fuel svc avbl 0330-04300Z and 0530-1230Z dur pers rstd. Tran hot pit avbl 1300-0330Z Mon-Fri, PPR; unavbl weekend/hol.

FLUID SP LHOX LOX unavailable weekend/hol. **OIL** Unavailable. **TRAN ALERT** Tran line 1230-0330Z Mon-Fri; 1300-2300Z Sat, Sun, and hol. Lt prk/stor fac. Dur peak periods extv delay in tran svq. **JOSAC/NALO** have priority. No LAV svc or potable water avbl. No base transportation avbl.

MILITARY REMARKS: Class D and Class E extension avail 0500-0459Z Sun-Sat exc by NOTAM. See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR all non-Oceania based acft DSN 433-2161/2163, C757-433-2161/2163. Straight-in apch to final ldg only 0300-1200Z, Sun 0300-1800Z. Vice final ldg only 0400-1200Z, Sun 0400-1800Z. Sun all fixed wing and helicopter fit abv 1000' arr/dep must file IFR fit plan. VFR/special VFR copter rte mandatory for all copter flts at or blo 1000'. **CAUTION** During VMC all dep and practice inst apch fly rwy heading and do not exceed 1000' until past dep end due extensive overhead tfc **TFC PAT** Break-1500. Simultaneous ldg/dep are conducted on parallel rwy lctd 700' apart. Extv jet trng Oceana NAS/Fentress NALF. Reduced rwy separation std in effect USN/USMC acft. Dur peak periods exp one apch to full stop ldg. **NS ABTMT** Strict compliance rqr with program outlined in FLIP AP/1 Supplementary Arpt Remark. **MISC** NS Norfolk, Chambers Fld coordinates all flight planning svcs. Flight plans should be emailed to kngu.ftplng.fct@navy.mil or faxed to DSN 565-9680, C757-445-9680. To confirm receipt of flight plans call NS Norfolk, Chambers Fld flight plan supervisor at DSN 262-3419/3429, C757-322-3419/3429. **CSTMS/AG/IMG** Avbl Oceana NAS based tactical acft only. Rqr 48 hr PN to Base Ops. Aircrew rqr to remain in acft until released by Customs.

WEATHER DATA SOURCES: ASOS

COMMUNICATIONS: SFA 346.4 328.4 310.8 363.1 352.1 348.75 **ATIS** 317.6 (DSN-433-2377 C757-433-2377)

Ⓡ **OCEANA APP/DEP CON** 266.8 123.9 288.3 119.6

TOWER 127.075 360.2 **GND CON** 336.4 **CLNC DEL** 254.4

PMSV 387.4 **BASE OPS** 284.9 (not avbl 0700-1200Z) **ATCOM** 6723

AIRSPACE: CLASS D svc 0500-0459Z other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE NTU.

(H) **TACAN** Chan 113 NTU (116.6) N36°49.45' W76°02.22' at fld. 17/10W.

TACAN unusable:

000°-059° byd 30 NM blo 3,000'

090°-109° byd 30 NM blo 1,500'

110°-199° byd 30 NM blo 2,000'

200°-209° byd 20 NM blo 2,000'

210°-239° byd 20 NM blo 4,000'

240°-290° blo 6,000'

291°-339° byd 15 NM blo 5,000'

340°-359° byd 20 NM blo 3,000'

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

ORANGE CO (OMH)(KOMH) 3 E UTC-5(-4DT) N38°14.83' W78°02.74'
464 B NOTAM FILE OMH

WASHINGTON
L-34E, 36H, A
IAP

RWY 08-26: H3200X75 (ASPH-AFSC) S-12 MIRL 0.6% up NE

RWY 08: REIL. PAPI(P2L)—GA 4.0° TCH 42'. Trees.

RWY 26: REIL. PAPI(P2L)—GA 4.0° TCH 44'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 08-26, REIL Rwy 08 and Rwy 26 and PAPI Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended 1330-2300Z. Unattended New Years, Easter, Memorial, Independence, Labor, Thanksgiving and Christmas days.

Term open business hrs. Fuel 100LL self svc after hrs. Fuel Jet A+ self svc after hrs. Parachute Jumping.

AIRPORT MANAGER: 540-672-2158

WEATHER DATA SOURCES: AWOS-3 118.075 (540) 672-0505.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 132.85 120.525

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82'

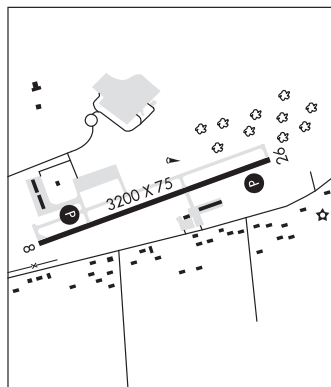
W78°09.18' 026° 14.9 NM to fld. 382/6W. **HIWAS.**

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Potomac Apch at

866-640-4124.



PETERSBURG

DINWIDDIE CO (PTB)(KPTB) 5 SW UTC-5(-4DT) N37°11.06' W77°30.37'
193 B TPA—993(800) NOTAM FILE PTB

WASHINGTON
H-10H, 12I, L-36H
IAP

RWY 05-23: H5002X100 (ASPH-GRVD) S-25, 2S-83 MIRL

RWY 05: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 42'. Tree.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23, ODALS Rwy 05 and REIL Rwy 05 and Rwy 23—CTAF.

AIRPORT REMARKS: Attended Apr-Sep Mon-Sun 1200-0000Z, Oct-Mar Mon-Sun 1200-2300Z. Self-svc fueling avbl after hrs. Ultralight activity on and infov arpt. Conc pads on main apron avbl for hel parking. Ctc UNICOM for terminal hel parking.

AIRPORT MANAGER: 804-861-0218

WEATHER DATA SOURCES: AWOS-3 133.325 (804) 861-5551.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **POTOMAC APP/DEP CON** 126.75

GCO 135.075

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73'

W77°06.96' 251° 20.6 NM to fld. 70/6W. **HIWAS.**

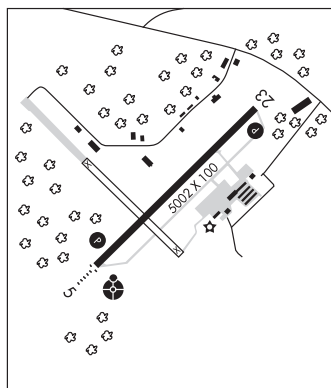
PETERSBURG NDB (MHW) 284 PTB N37°07.82'

W77°34.47' 053° 4.6 NM to fld. 8W. NOTAM FILE PTB. NDB

unmonitored when arpt unatndd.

LOC/DME 110.3 I-JLS Chan 40 Rwy 05. LOC unmonitored when arpt unatndd.

COMM/NAV/WEATHER REMARKS: If GCO unavbl, Cinc Del ctc Potomac Apch at 866-640-4124.



PULASKI N37°05.26' W80°42.77' NOTAM FILE PSK.
(H) VORTAC 116.8 PSK Chan 115 035° 3.4 NM to New River Valley. 2120/6W. **HIWAS.**

CINCINNATI
H-10H, 12H, L-26I

TACAN AZIMUTH & DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-039° byd 25 NM blo 10,000'

DME unusable:

250°-350° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

052°-100°

234°-283°

RCO 122.3 (LEESBURG RADIO)

RCO 122.1R 116.8T (LEESBURG RADIO)

QUANTICO MCAF /TURNER FLD (NYG)(KNYG) MC 1 S UTC-5(-4DT) N38°30.22' W77°18.30' **WASHINGTON**
 11 B NOTAM FILE DCA Not insp. **L-29E, 34E, 36I, A**

RWY 02-20: H4250X200 (PEM) PCN 69 R/B/W/T HIRL **DIAP, AD**
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 35'.
RWY 20: REIL.

SERVICE: **FUEL** JET A1+, B+ **OX1** **MILITARY—LGT** PAPI and PAR RPI's not coincidental. Rwy 02 - Cntrln lgt first 1000.
FUEL A++ **TRAN ALERT** No tran maint avbl. Rqr qualified crew member to assist in cold refueling.

MILITARY REMARKS: Opr Mon-Thur 1300-0200Z‡, Fri 1300-2200Z‡, CLOSED Sat, Sun and hol. **RSTD** All tran acct 24 hr PPR, Base Ops DSN 278-2085/1459, or C703-784-2085/1459. After 2200Z‡ and on wkends call DSN 378-0929 or C703-675-3623 for PPR. Mil acct and light civil acct opr at other than published hr SR-SS only. No A-G eqpt or pers on site. All tailhook eqpt jet acct rqr A-gear ldg must coord with AFM or ops officer nlt 72 hrs prior for M-31(B) install. Clsd fld opr not authorized for tran acct. **CAUTION** Bird haz vcnty Rwy 02-20 SR-SS. Heavy migratory bird activity Oct-Feb. No mandatory rwy VFR hold position signs co-located with markings on Twys A, B, and D. No VFR hold markings co-located with mandatory VFR hold signs on Twy C. **NS ABTMT** The area in and around the Quantico Class D Airspace is noise sensitive. Helicopters transit Quantico Class D Airspace at or abv 500' AGL. **CSTMS/AG/IMG** Avbl with 72 hr PN PPR only.

MISC MCAF Quantico and R-6608 lie within the Washington ADIZ. Pilots must adhere to ADIZ reporting procedures in both these areas. Category II crash/fire rescue svc. Rwy 02 and Rwy 20 grvd first 1300'. MCAF Quantico has no provisions for Space A pax. Space A pax cannot be on-loaded or off-loaded due to security issues.

AIRPORT MANAGER: 703-784-2084

COMMUNICATIONS: **SFA** **ATIS** 263.15 (Mon and Fri 1300-2200Z‡, Tue 1600-0200Z‡, Wed-Thu 1300-0200Z‡)
 (R) **ARRIVAL** 127.05 290.375 (1300-0200Z‡ Mon-Thu, 1300-2200Z‡ Fri, opr Sat, Sun and hol by NOTAM only)
 (R) **POTOMAC APP/DEP CON** 128.525 306.925 (When twr clsd)
TOWER 118.6 360.2 (1300-0200Z‡ Mon-Thu, 1300-2200Z‡ Fri, opr Sat, Sun and hol by NOTAM only)
GND CON 121.75 340.2 **PMSV METRO** 355

AIRSPACE: **CLASSD** svc 1300-0200Z‡ Mon-Thu, 1300-2200Z‡ f, opr Sat, Sun & holidays by NOTAM only other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.17' 022° 10.3 NM to fld. 145/9W.
 DME unusable:
 017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 Byd 35 NM blo 3,500'

VOR unusable:
 007°-027°
 077°-083°
 084 byd 16 NM blo 9,000'
 085°-089° byd 16 NM
 090°-140° byd 10 NM blo 3,000'
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 341°-006° blo 2,500'
 341°-006° byd 10 NM blo 5,500'
 341°-006° byd 30 NM blo 8,500'
 341°-006° byd 36 NM

TACAN AZIMUTH unusable:
 017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'

ASR/PAR (1300-0200Z‡ Mon-Thu, 1300-2200Z‡ Fri, opr Sat, Sun and holidays by NOTAM only)
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For Clnc Del when NYG ATCT/Apch are clsd ctc Potomac Apch at 866-709-4993.

QUINTON

NEW KENT CO (W96) 8 W UTC-5(-4DT) N37°30.21' W77°07.59'

121 B TPA-921(800) NOTAM FILE DCA

RWY 11-29: H3603X75 (ASPH) S-12.5 MIRL 0.4% up W

RWY 11: REIL. PAPI(P2R)-GA 4.0° TCH 38'. Trees.

RWY 29: REIL. PAPI(P2L)-GA 4.0° TCH 39'. Trees.

SERVICE: S2 **FUEL** 100LL **LGT** REIL Rwy 11 OTS. REIL Rwy 29 OTS.

ACTIVATE MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29-CTAF.

Rotating bcn not visible when approaching from the north.

AIRPORT REMARKS: Attended 1400-2200Z±. Fuel avbl 24 hrs, credit card rqr when unattended. Deer on and in/ov arpt. Ultralight activity on and in/ov arpt.

AIRPORT MANAGER: 804-932-3984

WEATHER DATA SOURCES: AWOS-3 119.875 (804) 932-8863.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 126.4

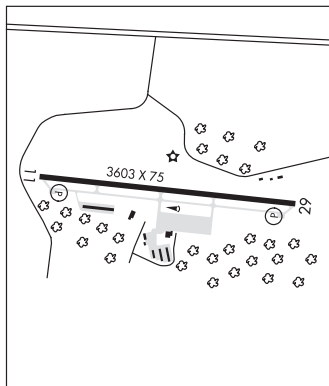
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73'

W77°06.96' 003° 10.5 NM to fld. 70/6W. **HIWAS.**

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.

WASHINGTON
L-34E, 36H
IAP



RICHLANDS

TAZEWELL CO (JFZ)(KJFZ) 2 S UTC-5(-4DT) N37°03.83' W81°47.90'

2653 B NOTAM FILE JFZ

RWY 07-25: H4299X75 (ASPH) S-12.5, D-18 MIRL

RWY 07: REIL. PAPI(P2L)-GA 4.0° TCH 54'. Trees.

RWY 25: REIL. PAPI(P2L)-GA 4.0° TCH 54'. Tree.

SERVICE: **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 07-25 preset low ints,

to incr ints and ACTIVATE REIL Rwy 07, Rwy 25 and PAPI Rwy 07 and Rwy 25-CTAF. Rwy 07 VGSi and glidepath not coincident.

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z±. Unattended New Year's Day, Thanksgiving, and Christmas. For Sunday svc call arpt during regular business hrs to arrange.

AIRPORT MANAGER: 276-963-4509

WEATHER DATA SOURCES: AWOS-3 118.075 (276) 596-9927.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ INDIANAPOLIS CENTER APP CON 126.575

Ⓡ ATLANTA CENTER DEP CON 132.9

GCO 135.075 (thru ZTL clnc del and DCA RADIO) - inop.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'

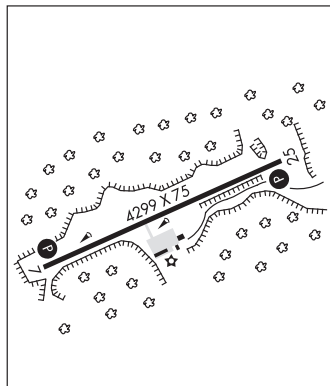
W82°04.74' 045° 19.7 NM to fld. 4200/2W. **HIWAS.**

VOR portion unusable:

351°-004° byd 15 NM blo 8,000'

LOC/DME 109.75 I-JFZ Chan 34(Y) Rwy 25.

CINCINNATI
L-26H
IAP



RICHMOND

RICHMOND EXECUTIVE-CHESTERFIELD CO (FCI)(KFCI) 4 SW UTC-5(-4DT) N37°24.39'

WASHINGTON
H-10H, 12I, L-36H
IAP

W77°31.49'

236 B TPA—See Remarks LRA NOTAM FILE DCA

RWY 15-33: H5500X100 (ASPH-GRVD) S-60, D-80 HIRL

0.7% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Brush.

SERVICE: S4 FUEL 100LL, JET A OX3 LGT HIRL Rwy 15-33 preset low ints, increase ints and ACTIVATE MALSR Rwy 33 and REIL Rwy 15—CTAF.

AIRPORT REMARKS: Attended 1200-0300Z±. Fuel after hrs call 804-271-7793 between 0300-1200Z±. 400' twr 5 NM north of arpt. Acft on ILS apch to Richmond Intl crossing over arpt. Noise sensitive area north of arpt. No wind voluntary use of Rwy 15 preferred. Med-flt, irregular departure pat. Helicopter parking adjacent to Twy C. TPA—1236(1000) single engine, 1736(1500) multi-engine.

AIRPORT MANAGER: 804-768-7700

WEATHER DATA SOURCES: AWOS-3PT 128.625 (804) 271-8426.

COMMUNICATIONS: CTAF/UNICOM 123.05

FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 126.75 118.2

CLNC DEL 124.6

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71' W77°49.69' 123° 16.2 NM to fld. 460/6W.

TACAN 338 radial unusable

VOR unusable:

111°-168°

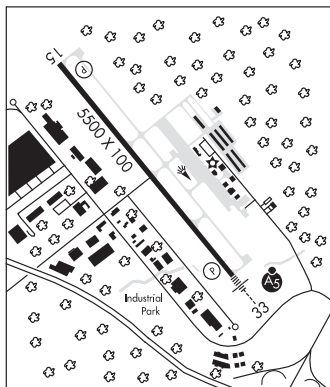
169°-204° blo 5,000'

274°-337° blo 4,000'

274°-337° byd 33 NM

ILS/DME 108.3 I-CFU Chan 20 Rwy 33. Class IA. LOC/DME unmonitored when arpt unatndd.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.



RICHMOND INTL (RIC)(KRIC) P (ARNG) 6 E UTC-5(-4DT) N37°30.31' W77°19.18'

WASHINGTON

168 B TPA—See Remarks LRA ARFF Index—See Remarks

NOTAM FILE RIC

H-10H, 12I, L-34E, 36H

RWY 16-34: H9003X150 (ASPH-GRVD) S-125, D-200, 2S-175, 2D-340 HIRL CL

IAP, AD

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR

RWY 34: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 79'. RVR-TMR

RWY 02-20: H6607X150 (ASPH-GRVD) S-125, D-200, 2S-175, 2D-340 PCN 70 F/C/W/T HIRL

RWY 02: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 49'. Pole.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Tree.

RWY 07-25: H5183X100 (ASPH-GRVD) S-125, D-200, 2S-175, 2D-340 PCN 57 F/C/W/T HIRL

RWY 07: RVR-R Railroad.

RWY 25: RVR-T Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

RWY 07: TORA-5183 TODA-5183 ASDA-5183 LDA-5183

RWY 16: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 20: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

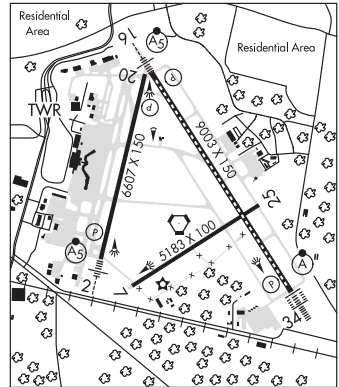
RWY 25: TORA-5183 TODA-5183 ASDA-5183 LDA-5183

RWY 34: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 MILITARY—FUEL J8 - at

ARNG ramp only. A, A+(C804-226-7200, C804-337-7487) (NC-100LL) FLUID PRESAIR LPOX LOX OIL O-148(MII)

SOAP



AIRPORT REMARKS: Attended continuously. Twr 245' AGL 2.5 NM northwest, unlgtd. 220' MSL crane (marked and lgtd) 5.4 NM south of arpt. Bird activity invof all rwys and twys and invof arpt. Continuous const on arpt, be alert for freq rwy and twy closures. Due to opr constraints acft pushed back for dep prohibited from holding on air carrier ramps for more than 5 minutes. Class I, ARFF Index C. ARFF Index D/E avbl on req. Non-radio equipped vehicles crossing midfld Twys C, E, and H and driving on Twy L south of Rwy 07-25. No practice ldfs 0300-1200Z±. Hold line Rwy 20 east side lctd across Rwy 34 150' from dep end. Hold line Rwy 20 west side across Twy A and also serves as hold line for Rwy 16, signage indicates both rwys. Due to the close proximity to Rwy 02-20, Twy U signage may be behind acft, once clear of Rwy 02-20. No taxiing btn pushed back acft and the terminal on the air carrier ramp. Twy T south of Twy J rstd to acft with wingspans greater than 118' and wheel bases greater than 59'. Twy K rstd to acft with wingspan greater than 118' and wheel bases greater than 59'. Twy T south of Twy J rstd to acft with wingspans greater than 118' and wheel bases greater than 59'. Twy R btn Twy A and FSDO ramp rstd to acft with wingspan greater than 118' and wheel bases greater than 59' and Twy R west of FSDO ramp designated for acft with wingspans less than 79'. Twy A btn Twy C and Twy E rstd from use by acft wingspans greater than 171'. Twy T (north of Twy F) rstd from use by acft with wingspans greater than 118'. Twy V btn Twy A and Twy R rstd from use by acft with wingspan greater than 99'. Int rqrs judgemental oversteering. Air carrier apron clsd to unscheduled acft weighing under 35,000 lbs. No edge lgts on Twy M and north/south section of Twy V, reflectors only. The following areas not visible from the twr portions of the air carrier apron, ANG acft parking ramp. TPA—1201(1033) single engine, lgt acft, 1701(1533) all others. ATC clnc rqrd for pushback from hardstands C9, C10, and C12 onto Twy T. ATC clnc rqrd for pushbacks from gates A6, A7, A8, B5, B7, B9, B11, B13 onto Twy A. Ldg fee. Flight Notification Service (ADDCS) avbl.

AIRPORT MANAGER: 804-226-3000
WEATHER DATA SOURCES: ASOS (804) 236-1091 WSP
COMMUNICATIONS: ATIS 119.15 UNICOM 122.95
 FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)
 RCO 122.1R 114.1T 122.2 122.4 (LEESBURG RADIO)
 (R) POTOMAC APP/DEP CON 126.4 (001°-185°) 126.75 (186°-360°) 118.2
 TOWER 121.1 GND CON 121.9 CLNC DEL 127.55
AIRSPACE: CLASS C svc ctc APP CON
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
 (H) VORTAC 114.1 RIC Chan 88 N37°30.14' W77°19.22' at fld. 158/9W.
 TACAN AZIMUTH unusable:
 060°-075° byd 10 NM blo 1,700'
 ILS 110.9 I-EZD Rwy 02. Class IT.
 ILS 110.7 I-RGJ Rwy 16. Class IA.
 ILS 110.7 I-BNE Rwy 34. Class IIIE.

RICHMOND/ASHLAND

HANOVER CO MUNI (OFF)(KOPF) 8 N UTC-5(-4DT) N37°42.54' W77°26.20'

WASHINGTON

207 B TPA-1007(800) NOTAM FILE OFP

H-10H, 12I, L-34E, 36H

RWY 16-34: H5402X100 (ASPH-PFC) S-40 MIRL

IAP

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 34: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE MIRL

Rwy 16-34, REIL Rwy 16 and 34—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z. For acft svcs call 804-798-6500. Deer and birds on and invof arpt. Noise sensitive area south of arpt.

AIRPORT MANAGER: 804-365-6208

WEATHER DATA SOURCES: ASOS 119.025 (804) 752-2902.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 126.75 118.2

CLNC DEL 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.

RICHMOND (H) VORTAC 114.1 RIC Chan 88 N37°30.14'

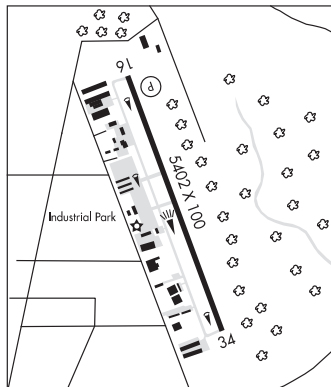
W77°19.22' 345° 13.6 NM to fld. 158/9W.

TACAN AZIMUTH unusable:

060°-075° byd 10 NM blo 1,700'

LOC/DME 109.7 I-OFF Chan 34 Rwy 16. LOC unmonitored when arpt unatndd.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.



RICHMOND N37°30.14' W77°19.22' NOTAM FILE RIC.

WASHINGTON

(H) VORTAC 114.1 RIC Chan 88 at Richmond Intl. 158/9W.

H-10H, 12H, L-34E, 36H

TACAN AZIMUTH unusable:

060°-075° byd 10 NM blo 1,700'

RCO 122.1R 122.2 122.4 114.1T (LEESBURG RADIO)

ROANOKE-BLACKSBURG RGNL/WOODRUM FLD (ROA)(KROA) 3 NW UTC-5(-4DT)

CINCINNATI

N37°19.53' W79°58.53'

H-10H, 12H, L-26I

1175 B TPA-1975(800) Class I, ARFF Index B NOTAM FILE ROA

IAP, AD

RWY 06-24: H6800X150 (ASPH-GRVD) S-150, D-200, 2S-175,

RWY 06: MALSR. REIL. VASI(V4L)—GA 3.0° TCH 58'.

RWY 24: REIL. Thld dsplcd 790'.

RWY 16-34: H5810X150 (ASPH-GRVD) S-150, D-200, 2S-175,

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. Tower.

RWY 16-34: H5810X150 (ASPH-GRVD) S-150, D-200, 2S-175,

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. Tower.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6800 TODA-6800 ASDA-6800 LDA-6800

RWY 16: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

RWY 24: TORA-6800 TODA-6800 ASDA-6800 LDA-6010

RWY 34: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

ARRESTING GEAR/SYSTEM

RWY 34: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT Rwy 34 VGSi and glidepath not coincident.

AIRPORT REMARKS: Attended continuously. Large flocks of birds invof arpt.

For opr concerns ctc twr at 540-563-1307. Tkof and ldg

performance assessment/rwy cond assessment matrix not maintained

0100 to 0500 hrs local time each day. Tkf Rwy 34 and ldg Rwy 16 not authorized at ngt nor dur IFR cond due to terrain.

Twy T clsd to acft with wingspan greater than 118'. Cold temperature rstd arpt. Alt correction required at or blo -9C/16F.

Tran pilots ctc FBO UNICOM freq 122.95 for acft parking and escort.

AIRPORT MANAGER: 540-362-1999

WEATHER DATA SOURCES: ASOS (540) 265-0680 LLWAS.

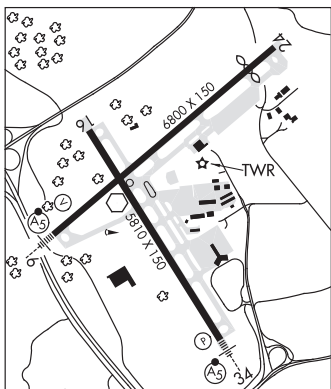
COMMUNICATIONS: ATIS 132.375 UNICOM 122.95

ROANOKE RCO 122.1R 122.2 122.6 (LEESBURG RADIO)

Ⓡ APP/DEP CON 118.15 Rwy 16/34 (360°-150°) Rwy 06 (235°-074°) 126.9 Rwy 16/34 (151°-359°) Rwy 06 (075°-234°)

TOWER 118.3 GND CON 121.9 CLNC DEL 119.7

AIRSPACE: CLASS C svc ctc APP CON svc continuous.



CONTINUED ON NEXT PAGE

NE, 17 AUG 2017 to 12 OCT 2017

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE ROA.

(L) VORTAC 109.4 ROA Chan 31 N37°20.61' W80°04.22' 107° 4.7 NM to fld. 3072/4W.

WOODRUM (T) VORW 114.9 ODR N37°19.45' W79°58.74' at fld. 1164/8W.

VOR unusable:

035°-050° byd 20 NM blo 7,000'

035°-110° byd 10 NM blo 4,200'

035°-110° byd 15 NM blo 6,500'

290°-360° byd 15 NM

VINTON NDB (MHW) 277 VIT N37°12.24' W79°52.90' 336° 8.6 NM to fld. 1543/8W.

NDB unusable:

Byd 11 NM

LDA/DME 111.1 I-SZK Chan 48 Rwy 06. Glideslope aimed parallel to localizer course. ILS unusable 1.4 DME

(JOKNI) inbound. DME unusable byd 30' left of course.

ILS 109.7 I-ROA Rwy 34. Class IB.

SALUDA

HUMMEL FLD (W75) 6 E UTC-5(-4DT) N37°36.14' W76°26.80'

30 B NOTAM FILE DCA

RWY 01-19: H2167X45 (ASPH) S-12.5 MIRL 0.3% up S

RWY 01: APAP(PNIL). Thld dspcd 125'. Road.

RWY 19: APAP(PNIR). Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 01-19-CTAF.

Rwy 01 has NSTD thld lgts, has second set of green lgts. Rwy 01 VGSI

OTS indef. Rwy 19 VGSI OTS indef.

AIRPORT REMARKS: Attended 1300-2100Z. Unattended Thanksgiving, Christmas day and New Year's day. Topping is city closest to the arpt. Arpt is 2 miles ENE. Drainage swales full length of rwy on both sides. Use of exit in front of Hummel Aviation advised. Birds and deer on and infov of arpt during winter. Departing Rwy 01-19 climb to 500 ft before any turn out; arriving acft use wide pattern to avoid populated areas E and W of arpt.

AIRPORT MANAGER: 804-758-4330

WEATHER DATA SOURCES: AWOS-3 118.45 (804) 758-8592.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ NORFOLK APP/DEP CON 126.05

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'

W76°42.68' 061° 15.6 NM to fld. 8/7W.

VOR portion unusable:

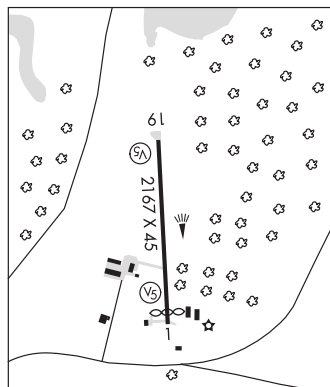
056°-095° blo 2,000'

275°-300° blo 2,000'

WASHINGTON

L-34E, 36I

IAP



SHANNON (See FREDERICKSBURG on page 348)

SHENANDOAH VALLEY RGNL (See STAUNTON/WAYNESBORO/HARRISONBURG on page 374)

SMITH MOUNTAIN LAKE (See MONETA on page 358)

SOUTH BOSTON

WILLIAM M TUCK (W78) 3 E UTC-5(-4DT) N36°42.56' W78°50.90'

420 B TPA—1220(800) NOTAM FILE DCA

RWY 01-19: H4003X75 (ASPH) S-12.5 MIRL 0.9% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 59'. Brush.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Tree.

RWY 06-24: 2065X200 (TURF) 0.7% up NE

RWY 06: Trees.

RWY 24: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 01-19, REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously.

AIRPORT REMARKS: Unattended. Self-fueling with credit card. Wildlife on and in/ov rwys. Rwy 06 outlined with yellow cones. Rwy 24 outlines with yellow cones. Rwy 06-24 clsd to acct with airspeed 50 KT or more.

AIRPORT MANAGER: 434-476-3300

WEATHER DATA SOURCES: AWOS-3 119.425 (434) 575-0332.

COMMUNICATIONS: CTAF/UNICOM 122.8

SOUTH BOSTON RCO 122.1R 110.4T (LEESBURG RADIO)

WASHINGTON CENTER APP/DEP CON 124.05

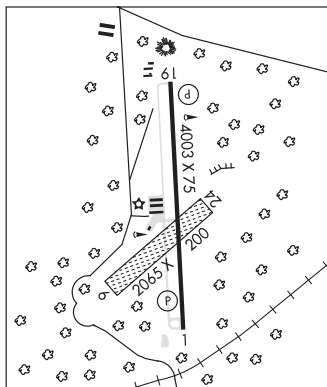
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 081° 8.3 NM to fld. 520/5W.

WASHINGTON

L-26J, 36G

IAP



SOUTH BOSTON N36°40.50' W79°00.87' NOTAM FILE DCA.

(L) VORTAC 110.4 SBV Chan 41 081° 8.3 NM to William M Tuck. 520/5W.

RCO 122.1R 110.4T (LEESBURG RADIO)

WASHINGTON

H-9C, L-26J, 36G

SOUTH HILL

MECKLENBURG-BRUNSWICK RGNL (AVC)(KAVC) 4 SE UTC-5(-4DT) N36°41.30'

W78°03.27'

441 B TPA—1841(1400) LRA NOTAM FILE AVC

RWY 01-19: H5002X75 (ASPH) S-25 MIRL 1.3% up N

RWY 01: ODALS. REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 01-19, MIRL Rwy 01-19 preset low ints, for higher ints and to ACTIVATE ODALS—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. 24 hr fuel avbl by credit card. Deer and birds on and in/ov arpt. Bcn dusk-dawn. Corporate hangar taxilane rstd to acct with wingspan no larger than 55'.

AIRPORT MANAGER: 434-729-2591

WEATHER DATA SOURCES: AWOS-3 127.525 (434) 729-2229.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

GCO 135.075)

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 278° 50.3 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH & DME unusable:

090°-139°

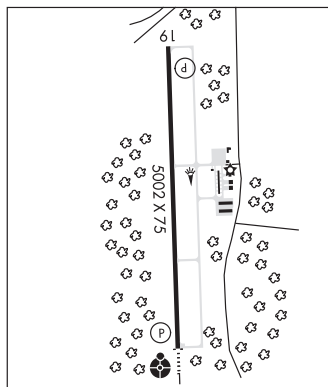
JONES NDB (MHW) 373 AEA N36°36.87' W78°03.19' 008° 4.4 NM to fld. 271/9W. NOTAM FILE AVC.

LOC/DME 110.5 I-AVC Chan 42 Rwy 01. Unmonitored when arpt unatndd.

WASHINGTON

H-9C, 12H, L-36G

IAP



STAFFORD RGNL (RMN)(KRMN) 3 SW UTC-5(-4DT) N38°23.89' W77°27.33'
 211 B NOTAM FILE RMN

WASHINGTON
 H-10H, 12I, L-29E, 34E, 36I, A
 IAP

RWY 15-33: H5000X100 (ASPH-GRVD) S-30, D-70, 2S-89 HIRL
 0.8% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees. Rgt tfc.
RWY 33: MALS. REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 15-33—CTAF.
AIRPORT REMARKS: Attended 1200-0000Z†. Unattended Thanksgiving,
 Christmas and New Years days. Government contract fuel. Fuel avbl
 until 0000Z†, after hrs call 540-288-3838 within 12 hrs notice, prist
 avbl. Deer and flocks of birds on and invof arpt. "Fly Friendly" program
 in effect, requested that touch and go activity be ltd to two every half hr.

AIRPORT MANAGER: 540-658-1212

WEATHER DATA SOURCES: AWOS-3 126.325 (540) 657-8283.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **QUANTICO ARRIVAL** 127.05 (Mon and Fri 1300-2200Z† Tue, Wed and
 Thu 1300-0200Z†, exc Sat, Sun and holidays, other times ctc

® **POTOMAC APP/DEP CON** 128.525

GCO 135.075 (Quantico and Potomac App Con. If unavailable, for Cinc
 Del ctc Potomac Apch at 866-709-4993.)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18'
 W77°21.17' 316° 6.1 NM to fld. 145/9W.

DME unusable:

017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 Byd 35 NM blo 3,500'

VOR unusable:

007°-027°
 077°-083°
 084 byd 16 NM blo 9,000'
 085°-089° byd 16 NM
 090°-140° byd 10 NM blo 3,000'
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'
 341°-006° blo 2,500'
 341°-006° byd 10 NM blo 5,500'
 341°-006° byd 30 NM blo 8,500'
 341°-006° byd 36 NM

TACAN AZIMUTH unusable:

017°-027° byd 20 NM
 141°-308° byd 10 NM blo 3,000'
 141°-308° byd 24 NM blo 6,000'

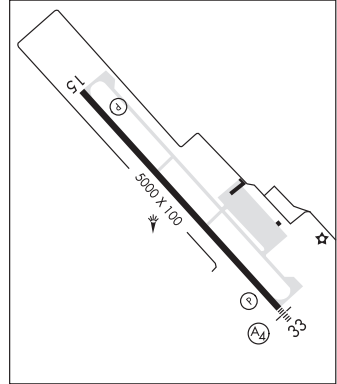
SHANNON NDB (MHW) 237 EZF N38°15.98' W77°27.03' 008° 7.9 NM to fld. 83/10W. NOTAM FILE EZF. NDB
 unmonitored when arpt unatndd.

NDB unusable:

Byd 15 NM

ILS/DME 108.75 I-RMN Chan 24(Y) Rwy 33. Class IT. LOC unusable byd 19° left of course.

COMM/NAV/WEATHER REMARKS: If GCO unavbl, ctc Potomac Apch at 866-709-4993.



STAUNTON/WAYNESBORO/HARRISONBURG**SHENANDOAH VALLEY RGNL** (SHD)(KSHD) 10 NE UTC-5(-4DT) N38°15.83' W78°53.79'**WASHINGTON**

1201 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SHD

H-10H, 12I, L-26J**RWY 05-23:** H6002X150 (ASPH-GRVD) S-75, D-150, 2S-175,**IAP**

2D-215 PCN 44 F/B/X/U HIRL 0.4% up NE

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 60'. Pole.**RWY 23:** REIL. PAPI(P4L)—GA 3.0° TCH 45'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-6002 TODA-6002 ASDA-6002 LDA-6002**RWY 23:** TORA-6002 TODA-6002 ASDA-6002 LDA-6002**SERVICE:** S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE REIL Rwy 23, MALSR Rwy 05, HIRL Rwy 05-23 and twy lgtS—CTAF. PAPI Rwy 05 and Rwy 23 opr continuously.**AIRPORT REMARKS:** Attended continuously. PPR 12 hrs for air carrier ops with more than 30 passenger seats call 540-234-8304. TPA 2001(800) piston acft, 2701(1500) jet/turbo acft. Cold temperature rstd arpt. Altitude correction required at or blo -23C/-9F.**AIRPORT MANAGER:** 540-234-8304**WEATHER DATA SOURCES:** AWOS-3 124.925 (540) 234-0110.**COMMUNICATIONS:** CTAF/UNICOM 123.0**MONTEBELLO RCO** 122.1R 115.3T (LEESBURG RADIO)® **POTOMAC APP/DEP CON** 132.85**CLNC DEL** 118.35**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**MONTEBELLO (L) VOR/DME** 115.3 MOL Chan 100 N37°54.03' W79°06.41' 030° 23.9 NM to fld. 3455/5W.

DME portion unusable:

061°-088° byd 35 NM blo 6,000'

114°-120° byd 28 NM blo 6,500'

154°-220° byd 28 NM blo 8,000'

330°-335° byd 30 NM blo 6,000'

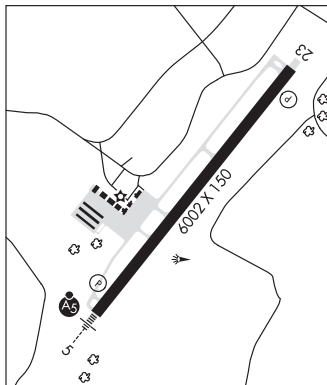
335°-001° byd 30 NM blo 7,000'

VOR portion unusable:

205°-220° byd 10 NM blo 6,000'

STAUT NDB (LOMW) 375 SH N38°12.11' W78°57.44' 047° 4.7 NM to fld. 1240/9W. NOTAM FILE SHD.**ILS** 109.5 I-SHD Rwy 05. Class IE. LOM STAUT NDB. Autopilot coupled apchs not applicable blo 1,494'.

Unmonitored when FBO clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.**STAUT** N38°12.11' W78°57.44' NOTAM FILE SHD.**CINCINNATI****NDB (LOMW)** 375 SH 047° 4.7 NM to Shenandoah Valley Rgnl. 1240/9W.

SUFFOLK EXECUTIVE (SFQ)(KSFQ) 3 SW UTC-5(-4DT) N36°40.97' W76°35.98'

WASHINGTON
H-101, 121, L-35D, 36H
IAF

70 B NOTAM FILE SFQ

RWY 04-22: H5007X100 (ASPH) S-30, D-60, 2D-60 HIRL

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree. Rgt tfc.

RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 45'. Trees.

RWY 07-25: H3750X100 (ASPH) S-30, D-50, 2D-85 MIRL

RWY 07: Tree.

RWY 25: Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, MOGAS LGT ACTIVATE MIRL Rwy

07-25, HIRL Rwy 04-22, and REIL Rwys 04 and 22—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Deer on and in/ovf arpt. Rwy 07-25 relocated 300' on east end. Rwy 07 rwy end arrow heads painted white instead of designed aviation yellow.

AIRPORT MANAGER: 757-514-4411

WEATHER DATA SOURCES: AWOS-3 119.375 (757) 934-3942.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NORFOLK APP/DEP CON** 127.9

GCO 135.075 (ORF CD)

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 104° 20.0 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

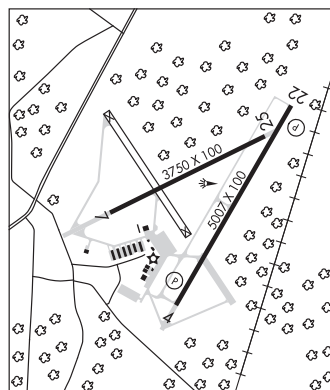
129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH & DME unusable:

090°-139°

LOC 111.5 I-RKH Rwy 04.



SUZZE N36°55.21' W81°14.60' NOTAM FILE MKJ.

CINCINNATI
L-261

NDB (MHW/LOM) 335 MKJ 260° 5.4 NM to Mountain Empire. 2540/6W. NDB unmonitored when arpt unatndd.

TANGIER ISLAND (TGI)(KTGI) 1 W UTC-5(-4DT) N37°49.55' W75°59.86'

WASHINGTON
L-34E, 36I
IAF

5 B TPA—See Remarks NOTAM FILE DCA

RWY 02-20: H2426X75 (ASPH) S-12.5

RWY 02: Tree. Rgt tfc.

RWY 20: Thld dspclcd 183'. Road.

SERVICE: LGT Arpt bcn OTS indef.

AIRPORT REMARKS: Attended Apr-Oct Sat-Sun 1300-2130Z†. Arpt

CLOSED SS-SR daily. Be alert restricted area 1 mile west of arpt,

hi-speed acft drop bombs and fire live ammunition in area. PAEW

adjacent to all rwys, twys and ramps. TPA-605(600) light acft,

1505(1500) heavy acft. Previous rwy numbers visible on former rwy

pavement. Chevrons on former rwy pavement poor. Twy lead-in lines

poor. Ldg/parking fee to help pay for rwy rehabilitation. Ldg fee.

AIRPORT MANAGER: 757-891-2496

WEATHER DATA SOURCES: AWOS-3 119.8 (757) 891-2246.

COMMUNICATIONS: CTAF/UNICOM 122.8

CAPE CHARLES RCO 122.1 R 112.2T (LEESBURG RADIO)

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z† Mon-Fri, 1300-2300Z†

Sat-Sun, clsd holidays. other times by NOTAM, other times ctc)

Ⓡ **POTOMAC APP/DEP CON** 127.2

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CAPE CHARLES (L) VORTAC 112.2 CCV Chan 59 N37°20.85'

W75°59.86' 010° 28.7 NM to fld. 10/10W.

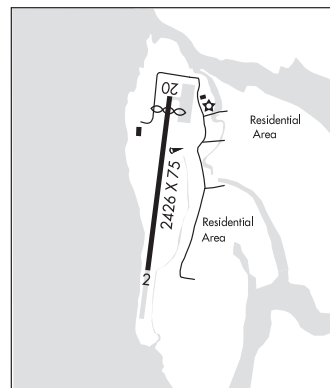
TACAN azimuth unusable

VOR portion unusable:

137°-322° byd 17 NM blo 2,000'

137°-322° byd 22 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del when NHK Apch is clsd ctc Potomac Apch at 866-640-4124.



TAPPAHANNOCK—ESSEX CO (XSA)(KXSA) 5 S UTC-5(-4DT) N37°51.58' W76°53.65'

WASHINGTON

135 B NOTAM FILE XSA

L-34E, 36I

RWY 10-28: H4300X75 (ASPH) S-12.5 MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**RWY 28:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**SERVICE:** S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 10-28 and PAPI Rwy 10 and Rwy 28 and rotating bcn—CTAF.**AIRPORT REMARKS:** Attended Nov-Feb 1300-2300Z†. Mar-Oct

1400-0000Z†. Deer and other wildlife on and invof arpt.

AIRPORT MANAGER: 804-443-5885**WEATHER DATA SOURCES:** AWOS-3 125.775 (804) 445-8724.**COMMUNICATIONS:** CTAF/UNICOM 122.8

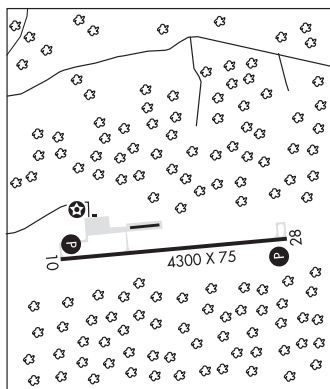
Ⓡ POTOMAC APP/DEP CON 126.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.**RICHMOND (H) VORTAC** 114.1 RIC Chan 88 N37°30.14'

W77°19.22' 052° 29.5 NM to fld. 158/9W.

TACAN AZIMUTH unusable:

060°-075° byd 10 NM blo 1,700'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Potomac Apch at 866-640-4124.**TAZEWELL CO** (See RICHLANDS on page 367)**TECH** N37°12.52' W80°24.21' NOTAM FILE BCB.

CINCINNATI

NDB (MHW) 368 TEC at Virginia Tech/Montgomery Executive. 2125/6W.

L-26I

TWIN CO (See GALAX HILLSVILLE on page 349)**VINTON** N37°12.24' W79°52.90' NOTAM FILE ROA.

CINCINNATI

NDB (MHW) 277 VIT 336° 8.6 NM to Roanoke-Blacksburg Rgnl/Woodrum Fld. 1543/8W.

L-26I

NDB unusable:

Byd 11 NM

VIRGINIA HIGHLANDS (See ABINGDON on page 334)**VIRGINIA TECH/MONTGOMERY EXECUTIVE** (See BLACKSBURG on page 336)**WAKEFIELD MUNI** (AKQ)(KAKQ) 2 NW UTC-5(-4DT) N36°59.23' W77°00.07'

WASHINGTON

111 B NOTAM FILE AKQ

L-36H

RWY 02-20: H4337X75 (ASPH) S-12.5 MIRL

IAP

RWY 02: Thld displcd 298'. Trees.**RWY 20:** Thld displcd 471'. Trees.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Attended irregularly. 24 hr self svc fuel. Apron pavement cracked and in poor condition.**AIRPORT MANAGER:** 757-899-4002**WEATHER DATA SOURCES:** ASOS 128.325 (757) 899-2300.**COMMUNICATIONS:** CTAF/UNICOM 122.8**FRANKLIN RCO** 122.1R 110.6T (LEESBURG RADIO)

Ⓡ NORFOLK APP/DEP CON 127.9

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.**FRANKLIN (L) VORTAC** 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 011° 16.4 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

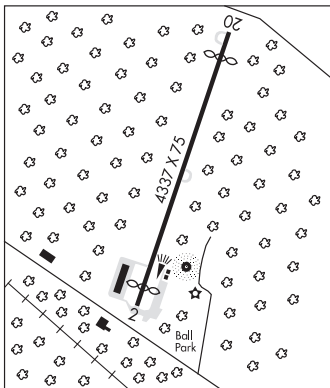
TACAN AZIMUTH & DME unusable:

090°-139°

NDB (MHW) 274 AKQ N36°58.97' W77°00.06' at fld. 105/11W. NOTAM FILE AKQ. NDB unmonitored.

NDB unusable:

Byd 10 NM



WALLOPS FLIGHT FACILITY (WAL)(KWAL) NASA 5 S UTC-5(-4DT) N37°56.41' W75°27.98' WASHINGTON
 40 B TPA-1040(1000) NOTAM FILE WAL Not insp. H-101, 121, L-361
 IAP, AD

- RWY 04-22: H8748X150 (ASPH-CONC) S-57, D-115, 2D-225 HIRL
- RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 57'.
- RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 60'.
- RWY 10-28: H8005X200 (ASPH-CONC) S-57, D-115, 2D-225 HIRL
- RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 69'.
- RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 61'.
- RWY 17-35: H4808X150 (ASPH) S-15, D-40, 2D-75 HIRL
- RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 63'.
- RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 59'.

ARRESTING GEAR/SYSTEM

HOOK E28(B) (1500). RWY 22

SERVICE: FUEL JET A MILITARY—LGT ACTIVATE—Rwy lgt and Rot
 Bcn—CTAF. FUEL A+ A—GEAR E-28 arresting gear 1500' from the north
 end of Rwy 22 is rigged/in battery.

MILITARY REMARKS: Rwy 17-35 CLOSED when twr clsd. Deer and birds on
 and in/ovf arpt. Touch and go ldgs NA when twr clsd. PPR 24 hr PN to
 ldg, phone 757-824-1688. When twr clsd, 126.5 CTAF only. Expect
 no resp or advisory svcs. Mil turboprop training daily until 0400Z.
 Extensive research test development in progress. Numerous radar
 facilities at arpt with possible radio frequency haz to ordnance. Space
 Launch Activity Area - See Special Notices.



AIRPORT MANAGER: 757-824-1250

WEATHER DATA SOURCES: ASOS 119.175 (757) 824-0820.

COMMUNICATIONS: CTAF 126.5 ATIS 119.175 (757) 824-0820

Ⓡ PATUXENT APP/DEP CON 127.95 (1200-0400Z‡ Mon-Fri, 1300-2300Z‡ Sat-Sun other times by NOTAM.)

Ⓡ POTOMAC APP/DEP CON 127.2 (0400-1200Z‡ Mon-Fri, 2300-1300Z‡ Sat-Sun. other times by NOTAM.)

TOWER 126.5 (1300-2200Z‡ Mon-Fri exc federal holidays and by NOTAM) GND CON 127.875 CLNC DEL 121.7

INFO SVC 126.5 (2230-1200Z‡)

AIRSPACE: CLASS D svc 1300-2200Z‡ Mon-Fri except federal holidays and by NOTAM other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SNOW HILL (L) VORTAC 112.4 SWL Chan 71 N38°03.40' W75°27.83' 189° 7.0 NM to fld. 34/8W.

VOR portion unusable:

- 005°-020° byd 25 NM blo 1,500'
- 020°-040° byd 20 NM blo 1,700'
- 040°-045° byd 10 NM blo 2,000'
- 210°-225° byd 13 NM blo 4,000'
- 210°-225° byd 18 NM blo 6,000'
- 210°-225° byd 37 NM
- 225°-265° byd 10 NM blo 2,500'
- 225°-265° byd 30 NM blo 9,000'
- 265°-005° byd 20 NM blo 1,500'

COMM/NAV/WEATHER REMARKS: Communication on CTAF required. For Clnc Del when NHK ATCT/Apch are clsd ctc Potomac
 Apch at 866-640-4124.

WARRENTON—FAUQUIER (HWY)(KHwy) 12 SE UTC-5(-4DT) N38°35.18'

WASHINGTON

W77°42.64'

H-10H, 12I, L-29E, 34E, 36I, A
IAP

336 B NOTAM FILE DCA

Rwy 15-33: H5000X100 (ASPH-GRVD) S-15, D-70 HIRL
0.5% up SE**Rwy 15:** REIL. PAPI(P4L)—GA 3.0° TCH 53'. Tree.**Rwy 33:** REIL. PAPI(P4L)—GA 3.0° TCH 47'. Tree.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy
15-33—CTAF.**AIRPORT REMARKS:** Attended 1300Z†-dark. Skydiver activity 5 NM NW of
arpt. Ultralight activity on and in/ov arpt. Aerobatic activity (2 boxes
avbl). Aerobatic demo area within 2 NM south of arpt 3500' and blo;
1500-0300Z†, May-Oct. Noise abatement procedures in effect over
town of Midland; ctc arpt manager 540-422-8283. Rwy 15 pref rwy
with wind less than 5 Kt.**AIRPORT MANAGER:** 540-422-8283**WEATHER DATA SOURCES:** AWOS-3 120.350 (540) 788-4078.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 128.525

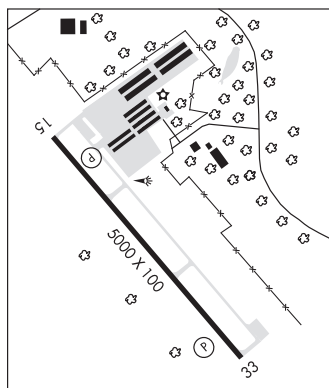
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.**CASANOVA (H) VORTAC** 116.3 CSN Chan 110 N38°38.47'

W77°51.93' 120° 8.0 NM to fld. 442/6W.

VORTAC unusable:

310°-350° byd 10 NM blo 11,000'

LOC/DME 109.75 I-HWY Chan 34(Y) Rwy 15.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-709-4993.**WAYNESBORO****EAGLE'S NEST** (W13) 3 W UTC-5(-4DT) N38°04.62' W78°56.67'

WASHINGTON

1436 B NOTAM FILE DCA

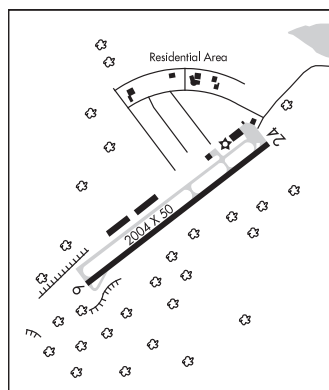
L-26I

Rwy 06-24: H2004X50 (ASPH) MIRL 0.3% up SW

IAP

Rwy 06: Tree.**Rwy 24:** Tree.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Attended 1300-2200Z†. Parachute Jumping. Deer on
and in/ov arpt. No repetitive practice take-offs and ldgs after 0100Z†.
No grass ldgs or tkfs either side of Rwy 06-24. Rwy 06-24 numerous
cracks along rwy. Cold temperature rstd arpt. Altitude correction
required at or blo -19°C.**AIRPORT MANAGER:** 540-943-4447**WEATHER DATA SOURCES:** AWOS-3PT 118.625 (540) 941-7570.**COMMUNICATIONS:** CTAF/UNICOM 123.05

APP/DEP CON 132.85

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at
866-640-4124.**WEIRWOOD****CAMPBELL FLD** (9VG) 1 W UTC-5(-4DT) N37°27.51' W75°52.73'

WASHINGTON

40 NOTAM FILE DCA

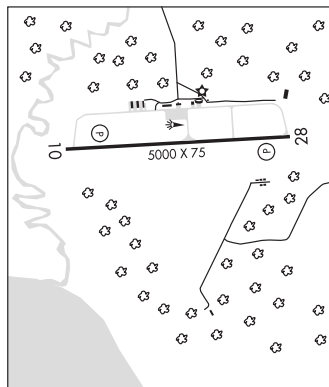
Rwy 03-21: 3000X100 (TURF)**Rwy 03:** P-line.**Rwy 21:** Road.**Rwy 14-32:** 1455X140 (TURF)**Rwy 14:** Road.**Rwy 32:** Trees.**AIRPORT REMARKS:** Attended Mar-Nov dalgt hours. Be alert: 60' P-lines located 300' southwest off the AER 03.**AIRPORT MANAGER:** 914-772-6242**COMMUNICATIONS:** CTAF 122.9

WEST POINT

MIDDLE PENINSULA RGNL (FYJ)(KFYJ) 2 SE UTC-5(-4DT) N37°31.28' W76°45.77'

WASHINGTON
H-10H, 12I, L-34E, 36H
IAP

20 B TPA—See Remarks NOTAM FILE FYJ
RWY 10-28: H5000X75 (ASPH) S-30, D-50, 2D-85 MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Tree.
RWY 28: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Trees.
SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 10-28,
 REIL Rwy 10 and Rwy 28—CTAF.
AIRPORT REMARKS: Attended 1300-2200Z†. Full and self-serve fuel avbl.
 Parachute Jumping weekends only. Deer on and invof arpt.
 TPA—820(800) light acft, 1520(1500) heavy acft. Rotor-wing and
 tiltrotor acft fly tfc pats south of Rwy 10-28 at 800' AGL or abv.



AIRPORT MANAGER: 804-785-9725
WEATHER DATA SOURCES: AWOS-3 132.825 (804) 785-2307.
COMMUNICATIONS: CTAF/UNICOM 123.0
HARCUM RCO 122.1R 108.8T (LEESBURG RADIO)
 (R) **POTOMAC APP/DEP CON** 126.4 126.75
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'
 W76°42.68' 338° 5.0 NM to fld. 8/7W.
 VOR portion unusable:
 056°-095° blo 2,000'
 275°-300° blo 2,000'
LOC/DME 108.35 I-FYJ Chan 20(Y) Rwy 10. Class I/B.
COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-640-4124.

WHINE N36°44.02' W81°56.94' NOTAM FILE VJL

CINCINNATI
L-26H

NDB (MHW/LOM) 236 VJ 241° 4.9 NM to Virginia Highlands. 5W. NDB unmonitored when arpt unatndd.
 NDB unusable:
 Byd 15 NM

WILLIAM M TUCK (See SOUTH BOSTON on page 372)

WILLIAMSBURG-JAMESTOWN (JGG)(KJGG) 3 SW UTC-5(-4DT) N37°14.35' W76°42.97'

WASHINGTON
L-34E, 36H
IAP

49 B TPA—849(800) NOTAM FILE JGG
RWY 13-31: H3204X60 (ASPH) S-12.5 MIRL 0.8% up NW
RWY 13: REIL. APAP(PNIL). Trees. Rgt tfc.
RWY 31: REIL. APAP(PNIL). Trees.
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 13-31,
 Perimeter lgts Rwy H1, REIL and APAP Rwy 13 and 31—CTAF. Rwy
 13 approach path alignment panels need repair.
AIRPORT REMARKS: Attended 1200Z†-dark. Arpt unattended Christmas
 Day-attended by req. Deer and birds on and invof arpt. PAEW adjacent
 to Rwy 13-31. Rwy 31 dep turn left heading 270° to avoid school
 3500 ft off rwy end. Noise abatement procedures in effect, ctc arpt
 manager 757-229-9256. Twy to Rwy 31, east of terminal, pavement
 poor and markings fair. Ramp in front, and east of, terminal in poor
 condition. Ldg fee for commercial and charter acft.



AIRPORT MANAGER: 757-229-9256
WEATHER DATA SOURCES: AWOS-3 120.625 (757) 220-8810.
COMMUNICATIONS: CTAF/UNICOM 122.8
 (R) **NORFOLK APP/DEP CON** 119.45
GCO 135.075
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'
 W76°42.68' 188° 12.6 NM to fld. 8/7W.
 VOR portion unusable:
 056°-095° blo 2,000'
 275°-300° blo 2,000'
COMM/NAV/WEATHER REMARKS: GCO avbl on freq 135.075 thru ORF CD, 4 clicks ORF, 5 Leesburg Radio (click slowly).

• • • • •

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Helipad CLOSED ctc 122.8 for ldg instructions. Helipad H1 perimeter lgts.

WINCHESTER RGNL (OKV)(KOKV) 3 SE UTC-5(-4DT) N39°08.61' W78°08.67'

726 B TPA—See Remarks LRA NOTAM FILE OKV

WASHINGTON
H-10H, 12I, L-29D, A
IAP

RWY 14-32: H5498X100 (ASPH-GRVD) S-75, D-150 HIRL

0.5% up NW

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 14-32, REIL Rwy 14 and MALSR Rwy 32—CTAF.

AIRPORT REMARKS: Attended continuously. Deer on and in/ov arpt. Taxi on pavement only. Medical Flight: irregular departure pat. TPA 2706 (1980) turbo prop and jet acft, 1706 (980) other acft. Flight Notification Service (ADCUS) available. ADCUS avbl 24 hours minimum advance notice required call 804-661-3660 Mon-Fri, after hours and weekends call 703-661-3632.

AIRPORT MANAGER: 540-662-5786

WEATHER DATA SOURCES: AWOS-3 124.85 (540) 662-6970.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 120.45

CLNC DEL 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13'

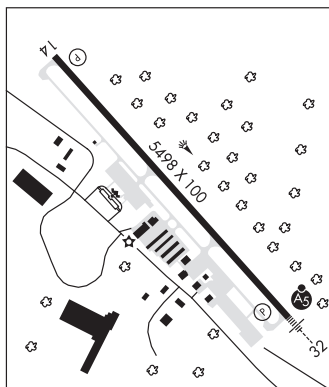
W77°50.90' 231° 20.0 NM to fld. 600/7W.

DME portion unusable:

Byd 35 NM blo 4,000'

ILS/DME 109.55 I-TX Chan 32(Y) Rwy 32. Class IB. LOC/DME unmonitored when arpt unatndd.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-709-4993.



WISE

LONGESOME PINE (LNP)(KLNPN) 3 NE UTC-5(-4DT) N36°59.25' W82°31.80'

2684 B NOTAM FILE LNP

RWY 06-24: H5280X100 (ASPH-GRVD) S-42, D-55, 2D-100 MIRL

0.3% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Trees.

RWY 24: ODALS (NSTD) REIL. PAPI(P2R)—GA 3.0° TCH 36'. Trees.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 06-24, ODALS Rwy 24 and REIL Rwy 06 and Rwy 24—CTAF. Rwy 24 NSTD ODALS, 5 lgt configuration.

AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z, unattended Sun.

After hrs ctc 276-870-7490 or 276-345-7289. Wildlife on in/ov arpt.

Rwy 06-24—three inch gradual dip starting 2000 ft from thld Rwy 24 continuing for 300 ft.

AIRPORT MANAGER: 276-328-5300

WEATHER DATA SOURCES: AWOS-3 118.6 (276) 328-3727.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ INDIANAPOLIS CENTER APP/DEP CON 126.57

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

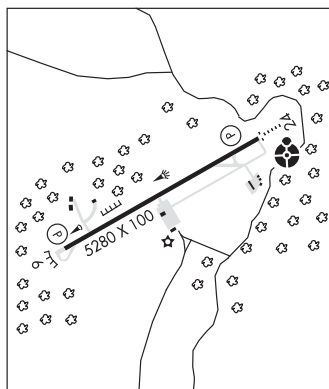
GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'

W82°04.74' 296° 23.8 NM to fld. 4200/2W. HIWAS.

VOR portion unusable:

351°-004° byd 15 NM blo 8,000'

ILS/DME 110.7 I-OWN Chan 44 Rwy 24. LOC/DME unmonitored when arpt unatndd.



CINCINNATI
H-9B, 12H, L-26H
IAP

WOODRUM N37°19.45' W79°58.74' NOTAM FILE ROA.

(T) VORW 114.9 ODR at Roanoke-Blacksburg Rgnl/Woodrum Fld. 1164/8W.

VOR unusable:

035°-050° byd 20 NM blo 7,000'

035°-110° byd 10 NM blo 4,200'

035°-110° byd 15 NM blo 6,500'

290°-360° byd 15 NM

CINCINNATI
L-26I

APPALACHIAN RGNL (See WILLIAMSON on page 398)

ARTHURDALE

TITUS FLD (7ØD) 2 W UTC-5(-4DT) N39°29.93' W79°51.19'

CINCINNATI

1863 NOTAM FILE EKN

RWY 09-27: 2400X50 (TURF) 1.0% up W

RWY 09: Trees.

RWY 27: Tree.

AIRPORT REMARKS: Unattended. Deer on and in/ovf rwy. 25' trees along edge of rwy. Rwy 27 has 8' dropoff 25' from thld.

Rwy 09-27 has potentially hazardous sfc variation in rwy safety area. Rwy 09-27 sfc rough, soft when wet, loose rock on sfc.

AIRPORT MANAGER: 304-864-6996

COMMUNICATIONS: CTAF 122.9

BECKLEY

RALEIGH CO MEM (BKW)(KBKW) 3 E UTC-5(-4DT) N37°47.24' W81°07.45'

CINCINNATI

2504 B Class I, ARFF Index A NOTAM FILE BKW

H-10G, 12H, L-26I

RWY 01-19: H6750X150 (ASPH-GRVD) S-75, D-150, 2S-140,

2D-200 PCN 38 F/B/W/U HIRL 0.7% up S

RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 19: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 10-28: H5001X100 (ASPH) S-45, D-60 PCN 38 F/B/W/U MIRL 0.3% up E

RWY 10: REIL. VASI(V4R)—GA 3.0° TCH 61'.

RWY 28: REIL. VASI(V4L)—GA 3.75° TCH 66'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-6750 TODA-6750 ASDA-6750 LDA-6750

RWY 10: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 19: TORA-6750 TODA-6750 ASDA-6750 LDA-6750

RWY 28: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 10-28, HIRL Rwy 01-19, MALSR Rwy 19, REIL Rwy 01, Rwy 10, and Rwy 28, VASI Rwy 10 and twy lgts—CTAF. PAPI Rwy 01 and Rwy 19 set at medium, ctc UNICOM 123.0 to change settings. Rwy 28 VGS1 and descent angles not coincident.

AIRPORT REMARKS: Attended continuously. Deer, birds and wild turkeys on and in/ovf arpt. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 304-255-0476.

AIRPORT MANAGER: 304-255-0476

WEATHER DATA SOURCES: ASOS 121.55 (304) 253-5214. HIWAS 117.7 BKW.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 117.7T (ELKINS RADIO)

® CHARLESTON APP/DEP CON 125.4

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82' W81°07.41' at fld. 2517/6W. HIWAS.

TACAN DME unusable:

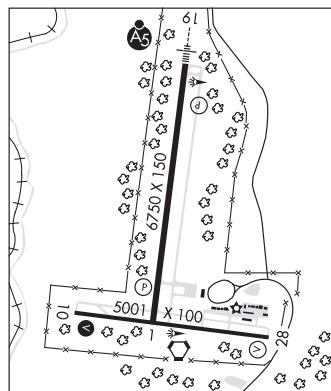
083°-191° byd 21 NM

VOR unusable:

130°-200°

TACAN AZIMUTH OTS indef

ILS 111.7 I-MQU Rwy 19. Class IB.



BERKELEY SPRINGS

POTOMAC AIRPARK (W35) 4 N UTC-5(-4DT) N39°41.56' W78°09.97'

WASHINGTON

413 NOTAM FILE EKN

L-29D, A

RWY 11-29: H4979X70 (ASPH) MIRL

IAP

RWY 11: Trees.

RWY 29: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Arpt clsd nghts. Arpt entrance gate locked, no public access to arpt. Birds and wildlife invof arpt.

Unmanned acft 1,000' blo 1 NM radius of arpt. Remote controlled model acft opr on arpt. No acft over 18,500 lbs. Rwy 11-29 pavement spalling, cracks, uneven sfc. Loose aggregate and stones. Vegetation growing through pavement. Rwy 11 markings faded, only thld and numbers marked, no centerline. Rwy 29 markings faded, only thld and numbers marked, no centerline. Rwy 11 apch end, 30' drop off, 30' from pavement end. Cold temperature rstd arpt. Altitude correction required at or blo -22C/-8F.

AIRPORT MANAGER: 301-842-3700

COMMUNICATIONS: CTAF 122.9

® **POTOMAC APP/DEP CON** 126.825

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99'

W77°57.06' 222° 17.5 NM to fld. 2338/7W.

HAGERSTOWN (L) VOR 109.8 HGR N39°41.86'

W77°51.34' 276° 14.4 NM to fld. 563/7W. NOTAM FILE HGR.

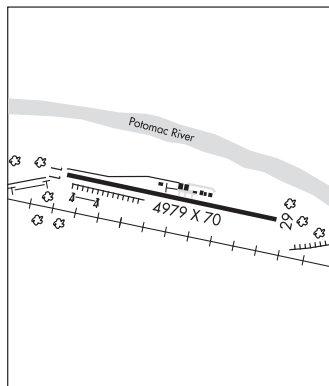
VOR unusable:

251°-280° byd 16 NM blo 4,000'

281°-300° byd 24 NM blo 8,000'

351°-050°

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Potomac Apch at 866-709-4993.



BLUEFIELD

MERCER CO (BLF)(KBLF) 3 NE UTC-5(-4DT) N37°17.76' W81°12.45'

CINCINNATI

2857 B TPA-3857(1000) NOTAM FILE BLF

L-26I

RWY 05-23: H4743X100 (ASPH-GRVD) S-30, D-48 HIRL

IAP

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 65'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-4743 TODA-4743 ASDA-4743 LDA-4743

RWY 23: TORA-4743 TODA-4743 ASDA-4743 LDA-4743

SERVICE: FUEL 100LL, JET A, A+ LGTACTIVATE HIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23, REIL Rwy 05 and Rwy 23 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1100-0300Z†. Arpt unattended Christmas and New Years. For svcs call 304-921-3417 (line staff cell). After hrs emerg fuel by prior arrangement, listing on line office door. Deer on and invof arpt. Mowing in progress Apr-Nov all sfcs. Rwy 23 has steep drop-off 320' from thld outbound. Rwy 05 has steep drop-off 175' from thld left side.

AIRPORT MANAGER: 304-327-5308

WEATHER DATA SOURCES: ASOS 132.725 (304) 327-5766.

COMMUNICATIONS: CTAF 122.9

RCO 122.1R 110.0T (ELKINS RADIO)

BLUEFIELD RCO 122.2 122.65 (ELKINS RADIO)

INDIANAPOLIS CENTER APP/DEP CON 126.575

AIRSPACE: CLASS E svc 1025-0225Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BLF.

BLUEFIELD (L) VORTAC 110.0 BLF Chan 37 N37°18.39' W81°11.66' at fld. 2900/3W.

TACAN DME unusable:

090°-210° byd 20 NM

VOR unusable:

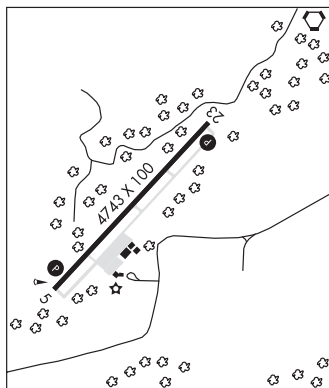
040°-050° byd 20 NM

070°-100° blo 7,000'

070°-100° byd 20 NM

TACAN azimuth shutdown, TACAN DME operational

ILS 109.5 I-BLF Rwy 23. Glideslope unusable for coupled apch blo 3,300' MSL (1.03 NM).



BOGGS FLD (See SPENCER on page 396)

BRAXTON CO (See SUTTON on page 397)

BUCKHANNON

UPSHUR CO RGNL (W22) 2 W UTC-5(-4DT) N39°00.04' W80°16.50'

CINCINNATI

1635 B NOTAM FILE EKN

L-29C

RWY 11-29: H4201X75 (ASPH) S-12.5, D-30 MIRL

IAP

RWY 11: Trees.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 27'. Trees.

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 11-29, REIL Rwy 29, PAPI Rwy 29 and twy lghts—CTAF. Visual glideslope indicator and glidepath not coincident.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z†, Sat-Sun 1400-2200Z†. Self service 100LL and JET A. Deer on and in/ovf arpt. Cold temperature rstd arpt. Altitude correction required at or bto -15C/5F.

AIRPORT MANAGER: 304-472-9437

WEATHER DATA SOURCES: AWOS-3 119.975 (304) 472-9428.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1100-0400Z† Mon-Fri, 1200-0400Z† Sat-Sun)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400-1100Z† Mon-Fri, 0400-1200Z† Sat-Sun)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

ELKINS (L) VORTACW 114.2 EKN Chan 89 N38°54.87' W80°05.96' 309° 9.7 NM to fld. 2160/7W. HIWAS.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

BUSHI N37°46.94' W80°28.11' NOTAM FILE LWB.

CINCINNATI

NDB (MHW/LOM) 346 LW 044° 5.6 NM to Greenbrier Valley. 2163/8W.

L-26I

NDB unusable:

Byd 15 NM

CHARLESTON

YEAGER (CRW)(KCRW) P (ANG) 3 E UTC-5(-4DT) N38°22.56' W81°35.58'

CINCINNATI

947 B LRA Class I, ARFF Index B NOTAM FILE CRW

H-10G, 12H, L-26H

RWY 05-23: H6802X150 (ASPH-GRVD) S-120, D-160, 2S-175,

IAP, AD

2D-260 PCN 39 F/B/X/U HIRL CL 0.8% up SW

RWY 05: REIL. VASI(V4L)—GA 3.0° TCH 60'. RVR-T Thld dsplcd 577'.

Pole.

RWY 23: ALSF1. VASI(V4R)—GA 3.0° TCH 56'. RVR-T Thld dsplcd 500'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-6802 TODA-6802 ASDA-6302 LDA-5725

RWY 23: TORA-6802 TODA-6802 ASDA-6302 LDA-5802

SERVICE: S4 FUEL 100LL, JET A **LGT** Rwy 05 VASI not coincident with ILS GS. Rwy 05 VASI unusable 2° right of course. **MILITARY—A-GEAR** Rwy 23 EMAS 404' x 170'. **JASU** 6(MD-3) 1(MA-1A) FUEL A++ (Mil), A+ (C304-343-8818) (NC-100LL) FLUID LOX OIL 0-156(Mil)

AIRPORT REMARKS: Attended continuously. Fuel svc ctc 304-343-8818.

Birds and deer on and in/ovf arpt. ANG: Rwy 23 NSTD markings/military

assault landing zone. Ldg fee not applicable to based acft. Flight

Notification Service (ADCUS) available.

AIRPORT MANAGER: 304-344-8033

WEATHER DATA SOURCES: ASOS (304) 346-4797 LLWAS.

COMMUNICATIONS: ATIS 127.6 UNICOM 122.95

RCO 122.1R 117.4T (ELKINS RADIO)

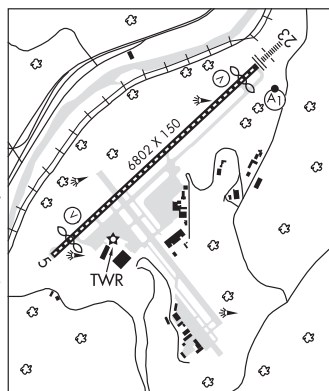
CHARLESTON RCO 122.2 122.55 (ELKINS RADIO)

Ⓡ **CHARLESTON APP/DEP CON** 119.2 (South) 124.1 (North) 128.5

CHARLESTON TOWER 125.7 GND CON 121.8 CLNC DEL 118.55

AIRSPACE: CLASS C svc ctc APP CON

VOR TEST FACILITY (VOT) 108.8



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RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 082° 8.5 NM to fld. 1099/3W.

VOR unusable:

140°-142° byd 20 NM blo 9,000'

207°-250° byd 10 NM blo 6,000'

DME unusable:

207°-250° byd 10 NM blo 6,000'

207°-250° byd 36 NM

ILS/DME 110.3 I-HCV Chan 40 Rwy 05. Localizer offset angle 001° 26 min

ILS/DME 110.3 I-CRW Chan 40 Rwy 23. Localizer offset angle 001° 28 min. Glideslope unusable byd 5° right of course. Glideslope unusable for autopilot coupled apch blo 1,450' MSL.

CHESAPEAKE/HUNTINGTON WVA

LAWRENCE CO AIRPARK (HTW)(KHTW) 2 W UTC-5(-4DT) N38°25.15' W82°29.69'

CINCINNATI

568 B TPA-1608(1040) NOTAM FILE DAY

L-26H

RWY 08-26: H3001X70 (ASPH) LIRL(NSTD) 0.3% up E

RWY 08: Trees.

RWY 26: Trees.

SERVICE: S4 FUEL 100LL OX 2 LGT Rwy 08-26 NSTD LIRL 70' from rwy edges; some fixtures OTS.

AIRPORT REMARKS: Attended Oct-Apr 1400Z-dusk, May-Sep 1300Z-dusk. Rwy 08-26 heavy block cracking, exhibits Foreign Object Damage. Rwy 08 numbers and dsplcd thld visible, centerline marking faded. Rwy 26 numbers visible, centerline marking faded.

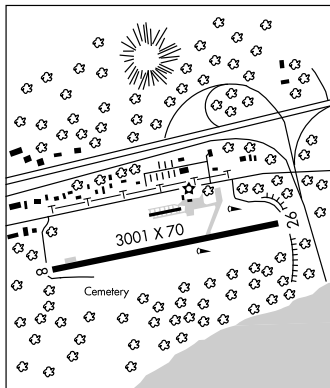
AIRPORT MANAGER: (740) 894-4144

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65'

W82°58.70' 125° 26.5 NM to fld. 1040/5W.



CLARKSBURG

NORTH CENTRAL WEST VIRGINIA (CKB)(KCKB) P (ARNG) 1 NE UTC-5(-4DT) N39°17.86'

CINCINNATI

W80°13.65'

1224 B Class I, ARFF Index B NOTAM FILE CKB

H-10H, 12I, L-29C

RWY 03-21: H7800X150 (ASPH-GRVD) S-80, D-125, 2S-158,

2D-180, 2D/2D2-180 HIRL 0.5% up NE

IAP, AD

RWY 03: REIL. PAPI(P4L)—GA 3.44° TCH 50'. RVR-R Thld dsplcd 670'. Trees.

RWY 21: MALS. PAPI(P4L)—GA 3.0° TCH 60'. RVR-T Trees.

RUNWAY DECLARED DISTANCE INFORMATION

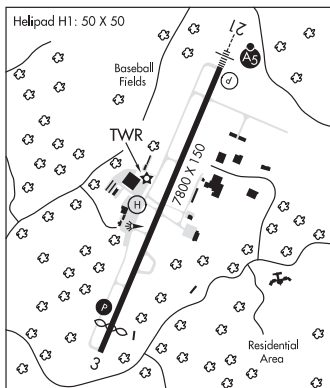
RWY 03: TORA-7800 TODA-7800 ASDA-7800 LDA-7130

RWY 21: TORA-7800 TODA-7800 ASDA-7130 LDA-7130

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MALS. Rwy 21, REIL Rwy 03, PAPI Rwy 03 and HIRL Rwy 03-21 —CTAF. MILITARY— FUEL A, A+ (1000-0400Z); After hr C304-848-6700, fee \$75.00/occurrence. Two hr PN rqr prior to 2300Z; C304-842-3400.) (NC-100LL - Not avbl 0400-1000Z.)

AIRPORT REMARKS: Attended 1200-0400Z. After hrs for emerg call 304-624-6559. Fuel not avbl during hrs 0400-1000Z. Deer and birds on and invof arpt. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 304-842-3400 or 304-848-6700. Twy A south of Twy C, main terminal apron, and helipad not visible from twr. Ldg fee for all acft over 6500 lbs.

AIRPORT MANAGER: 304-842-3400



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WEATHER DATA SOURCES: ASOS (304) 842-9240 LAWRS.

COMMUNICATIONS: CTAF 126.7 ATIS 127.825 UNICOM 123.0

RCO 122.1R 112.6T (ELKINS RADIO)

Ⓡ CLARKSBURG APP/DEP CON 119.6 (WEST) 121.15 (EAST) (1100-0400Z† Mon-Fri, 1200-0400Z† Sat-Sun)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.95 or call ZOB 440-774-0226 (0400-1100Z† Mon-Fri, 0400-1200Z† Sat-Sun)

CLARKSBURG TOWER 126.7 (1100-0400Z† Mon-Fri, 1200-0400Z† Sat-Sun) GND CON 121.9

AIRSPACE: CLASS D svc 1100-0400Z† Mon-Fri, 1200-0400Z† Sat & Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.

CLARKSBURG (L) VOR/DME 112.6 CKB Chan 73 N39°15.19' W80°16.07' 039° 3.3 NM to fld. 1427/4W.

VOR unusable:

041°-051° byd 6 NM

056°-081°

116°-137°

ILS 109.3 I-CKB Rwy 21. Class IB. Localizer offset angle 1.2 deg. Unmonitored when ATCT clsd. LOC unusable 25° left of course. Glideslope unusable 5° left of course.

HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Helipad H1 located on FBO apron. Helipad H1 sfc condition fair, pavement cracking.

EASTERN WV RGNL/SHEPHERD FLD (See MARTINSBURG on page 389)

ELKINS-RANDOLPH CO-JENNINGS RANDOLPH FLD (EKN)(KEKN) 2 S UTC-5(-4DT) N38°53.37' CINCINNATI

W79°51.43'

L-29C

1987 B TPA-3000(1013) NOTAM FILE EKN

IAP

RWY 14-32: H4544X140 (ASPH) S-10 1.0% up NW

RWY 14: Trees.

RWY 32: Thld dspclcd 1390'. Trees.

RWY 05-23: H4501X75 (ASPH) S-28, D-35, 2D-56 MIRL

0.6% up SW

RWY 05: Thld dspclcd 154'. Trees.

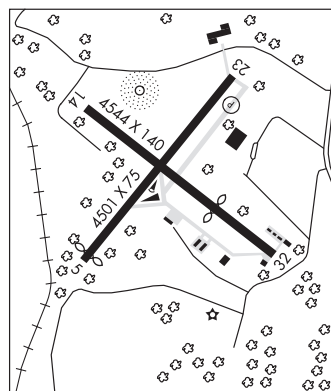
RWY 23: REIL. PAPI(P2L)-GA 5.0° TCH 45'. Antenna.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 05-23 and

REIL Rwy 23-122.9. REIL Rwy 23 NSTD omni-directional. PAPI

Rwy 23 NSTD 5° glide angle.

AIRPORT REMARKS: Attended 1330-2200Z†. For after hrs svc call 304-636-2726. Arpt Managers office during business hrs. 24 hr self service 100LL. 24 hr self svc Jet A. Svc fee after hrs. Rwy 14-32 CLOSED dusk-dawn. Deer on and infov arpt. Twr 100' AGL 500' southwest Rwy 32. Depressed drainage inlets on rwys 10' inboard from edges 2-12" deep Rwys 05-23 and 14-32. Uncontrolled vehicular t/c crosses thld Rwy 32. Cold temperature rstd arpt. Altitude correction required at or blo -10C/14F. Rwy 23, 68' athletic fld lgts, 550' south of rwy centerline.



AIRPORT MANAGER: 304-636-2726

WEATHER DATA SOURCES: ASOS 119.275 (304) 636-5603. HIWAS 114.2 EKN.

COMMUNICATIONS: CTAF 123.6

RCO 114.2T 122.2 (ELKINS RADIO)

Ⓡ CLARKSBURG APP/DEP CON 121.15 (Mon-Fri 1100-0400Z†, Sat-Sun 1200-0400Z†)

Ⓡ WASHINGTON CENTER APP/DEP CON 128.6 (Mon-Fri 0400-1100Z†, Sat-Sun 0400-1200Z†)

AIRSPACE: CLASS E svc 1200-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

(L) VORTACW 114.2 EKN Chan 89 N38°54.87' W80°05.96' 104° 11.4 NM to fld. 2160/7W. HIWAS.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

RANDOLPH COUNTY NDB (HW) 284 RQY N38°53.64' W79°51.56' at fld. 1938/7W.

NDB unusable:

018°-084° byd 10 NM

085°-017° byd 15 NM

LDA/DME 109.9 I-OUW Chan 36 Rwy 00X. LDA is circling apch only. LOC unusable byd 6.0 NM blo 4,500'. DME portion unusable byd 6.0 NM blo 4,500'.

ELKINS N38°54.87' W80°05.96' NOTAM FILE EKN. CINCINNATI
 (L) **VORTACW** 114.2 EKN Chan 89 104° 11.4 NM to Elkins-Randolph Co-Jennings Randolph Fld. H-10H, 12H, L-29C
 2160/7W. **HIWAS**.
 TACAN AZIMUTH & DME unusable:
 081°-189° byd 32 NM blo 9,000'
 273°-039° byd 12 NM blo 6,000'
RCO 122.2 (ELKINS RADIO)

FAIRMONT MUNI-FRANKMAN FLD (4G7) 2 SW UTC-5(-4DT) N39°26.85' W80°10.06' CINCINNATI
 1032 B NOTAM FILE EKN L-29C
RWY 05-23: H2965X75 (ASPH) S-12.5 MIRL 0.7% up SW IAP
RWY 05: Thld dsplcd 720'. Ground.
RWY 23: REIL. Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 05-23, REIL Rwy 23—CTAF.
AIRPORT REMARKS: Attended Apr-Oct 1300Z‡-dusk, Nov-Mar 1400-2200Z‡. Deer on and in vicinity of arpt. Rwy 05 CLOSED for night ldg indef. Radio twrs approximately 300' AGL 1.9 NM NE and 2.2 NM NW. Rwy 05 has +30' hill at SW end. Rwy 23 has 100' drop off, NE end. Parallel twy closed indef.
AIRPORT MANAGER: 304-366-1300
COMMUNICATIONS: CTAF/UNICOM 122.8
 (R) **CLARKSBURG APP/DEP CON** 119.6 (Mon-Fri 1100-0400Z‡, Sat-Sun 1200-0400Z‡)
 (R) **CLEVELAND CENTER APP/DEP CON** 126.95 or call ZOB 440-774-0226 (Mon-Fri 0400-1100Z‡, Sat-Sun 0400-1200Z‡)
 CLNC DEL 118.35
RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.
MORGANTOWN (L) VORTAC 111.6 MGW Chan 53 N39°33.40' W79°51.62' 250° 15.7 NM to fld. 2343/5W.

GRANT CO (See PETERSBURG on page 393)

GREENBRIER VALLEY (See LEWISBURG on page 388)

HENDERSON N38°45.25' W82°01.57' NOTAM FILE EKN. CINCINNATI
 (H) **VORTAC** 115.9 HNN Chan 106 310° 8.0 NM to Gallia-Meigs Rgnl. 880/3W. H-10G, L-22F, 26H
 VOR portion unusable:
 205°-235° blo 5,500'
 235°-245° byd 20 NM blo 4,500'
 306°-319° byd 10 NM blo 4,000'
 346°-019° byd 10 NM blo 10,000'
RCO 122.1R 115.9T (ELKINS RADIO)

HERRON (See NEW CUMBERLAND on page 391)

HUNTINGTON

ROBERT NEWLON FLD (I41) 6 NE UTC-5(-4DT) N38°27.42' W82°18.83' CINCINNATI
 550 NOTAM FILE EKN
RWY 02-20: 2300X75 (TURF)
RWY 02: Tree.
RWY 20: Tree. Rgt tfc.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended Mon-Thu irregularly. Fuel by prior agreement 304-733-1240. Parachute Jumping. Skydiving activity on fld. Rwy 02-20 CLOSED ngt.
AIRPORT MANAGER: 304-733-1240
COMMUNICATIONS: CTAF 122.9

TRI-STATE/MILTON J FERGUSON FLD (HTS)(KHTS) 3 S UTC-5(-4DT) N38°22.11' W82°33.62'

CINCINNATI

H-10G, 12H, L-26H

IAP, AD

828 B LRA Class I, ARFF Index B NOTAM FILE HTS

RWY 12-30: H7017X150 (ASPH-GRVD) S-110, D-140, 2S-175, 2D-230 HIRL

RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. RVR-T Trees.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-R Thld dsplcd 501'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-7017 TODA-7017 ASDA-6516 LDA-6516

RWY 30: TORA-7017 TODA-7017 ASDA-7017 LDA-6516

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT PAPI Rwy 30 unusable byd 7° left of centerline.

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Pilots report possibility of mistaking fuel burning stack located approximately 2 miles west Rwy 12 for apch lgtg sequenced flashing lghts. Rwy 12 obstruction twr located 5100' west and 600' north end rwy. Twy A between Twy C and Twy B rstd to acft with wingspan of 127' or less. Ldg fee for acft unless fuel purchased. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 304-453-6165

WEATHER DATA SOURCES: ASOS (304) 453-3408

COMMUNICATIONS: ATIS 125.2 UNICOM 122.95

HUNTINGTON RCO 122.2 122.6 (ELKINS RADIO)

Ⓡ **HUNTINGTON APP/DEP CON** 119.75 (South) 128.4 (North)

HUNTINGTON TOWER 118.5 **GND CON** 121.9 **CLNC DEL** 118.05

AIRSPACE: CLASS D

TRSA svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) VORTAC 110.4 ECB Chan 41 N38°09.50' W82°54.60' 055° 20.8 NM to fld. 1070/2W.

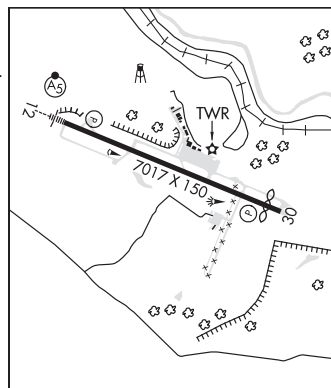
HUNTT NDB (LOM) 226 HT N38°23.94' W82°39.24' 118° 4.8 NM to fld.

LIVRE NDB (LOM) 379 TU N38°20.59' W82°28.82' 298° 4.1 NM to fld.

ILS 109.9 I-HTS Rwy 12. Class IC. LOM HUNTT NDB.

ILS 108.7 I-TUU Rwy 30. Class IB. LOM LIVRE NDB.

ASR



HUNTT N38°23.94' W82°39.24' NOTAM FILE HTS.

CINCINNATI

NDB (LOM) 226 HT 118° 4.8 NM to Tri-State/Milton J Ferguson Fld.

IVY KNOB N37°47.17' W81°31.12'

CINCINNATI

RCO 124.3 (ELKINS RADIO)

L-26H

JACKSON CO (See RAVENSWOOD on page 395)

KEE FLD (See PINEVILLE on page 394)

KESSEL N39°13.53' W78°59.37' NOTAM FILE EKN.

CINCINNATI

(L) VOR/DME 110.8 ESL Chan 45 214° 15.6 NM to Grant Co. 2590/6W.

H-10H, L-29D

VOR unusable:

035°-045° blo 18,000'

RCO 122.1R 110.8T (ELKINS RADIO)

LAWRENCE CO AIRPARK (See CHESAPEAKE/HUNTINGTON WVA on page 384)

LEWISBURG

GREENBRIER VALLEY (LWB)(KLWB) 3 N UTC-5(-4DT) N37°51.50' W80°23.97'

CINCINNATI

2301 B Class I, ARFF Index B NOTAM FILE LWB

H-10H, 12H, L-26I

RWY 04-22: H7003X150 (ASPH-GRVD) S-90, D-120, 2S-152,

IAP, AD

2D-160 PCN 52 F/D/X/U HIRL

RWY 04: MALSR.

RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 58'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 22: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 04-22, MALSR Rwy 04, and twy lgts—CTAF. VASI Rwy 22 opr continuously.

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ov arpt. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 304-645-3961. Ldg fee. Multi engine only, fee waived if purchase fuel.

AIRPORT MANAGER: 304-645-3961

WEATHER DATA SOURCES: AWOS-3 121.4 (304) 645-4533.

COMMUNICATIONS: CTAF 118.9 UNICOM 122.95

WASHINGTON CENTER APP/DEP CON 134.4

LEWISBURG TOWER 118.9 (1400-0000Z) GND CON 121.9

CLNC DEL 120.85 (when twr clsd)

AIRSPACE: CLASS D svc 1400-0000Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWB.

(L) VORW/DME 116.05 LWB Chan 107(Y) N37°51.83' W80°23.52' at fld. 2318/8W.

DME unusable:

095°-150°

151°-185° byd 20 NM blo 10,000'

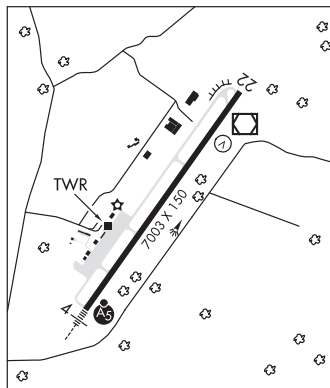
186°-196° byd 20 NM blo 7,000'

197°-094° byd 20 NM blo 10,000'

BUSHI NDB (LOM) 346 LW N37°46.94' W80°28.11' 044° 5.6 NM to fld.

ILS 110.35 I-LWB Rwy 04. LOM BUSHI NDB. Localizer offset angle 002° 04 min 34 sec. Glideslope unusable for coupled apchs blo 2,700'. LOC unusable 0.3 NM inbound.

COMM/NAV/WEATHER REMARKS: Use CTAF 118.9 when twr clsd. Freq 121.5 not avbl at twr.



LIVRE N38°20.59' W82°28.82' NOTAM FILE HTS.

CINCINNATI

NDB (LOM) 379 TU 298° 4.1 NM to Tri-State/Milton J Ferguson Fld.

LOGAN CO (6L4) 4 E UTC-5(-4DT) N37°51.34' W81°54.95'

CINCINNATI

1666 B NOTAM FILE EKN

L-26H

RWY 06-24: H3605X75 (ASPH) MIRL 0.3% up NE

IAP

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 47'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 42'.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24—CTAF.

AIRPORT REMARKS: Attended irregularly. 24 hr self-serv with credit card. Deer and turkey on and in/ov arpt. All sfcs construction in progress, open and opr. Rwy 06 30' hill 800' from thld left. No vehicular access to fld without prior arrangement. Rwy 24, blasting 1-2 NM from end of rwy, irregular schedule. Arpt access code—CTAF.

AIRPORT MANAGER: 304-752-0975

WEATHER DATA SOURCES: AWOS-3PT 119.375 (304) 752-0814.

COMMUNICATIONS: CTAF 122.9

Ⓡ CHARLESTON APP/DEP CON 119.2 (North)

INDIANAPOLIS CENTER APP/DEP CON 126.575 (South)

RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 196° 30.4 NM to fld. 1099/3W.

VOR unusable:

140°-142° byd 20 NM blo 9,000'

207°-250° byd 10 NM blo 6,000'

DME unusable:

207°-250° byd 10 NM blo 6,000'

207°-250° byd 36 NM

MARSHALL CO (See MOUNDSVILLE on page 391)

MARTINSBURG**EASTERN WV RGNL/SHEPHERD FLD** (MRB)(KMRB) P (ANG) 4 S UTC-5(-4DT) N39°24.14'

WASHINGTON

W77°58.98'

H-10H, 12I, L-29D, A

565 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE MRB

IAP, AD

RWY 08-26: H8815X150 (ASPH-GRVD) S-75, D-172, 2S-175,

2T-585, 2D-323, 2D/D1-568, 2D/2D2-830, C5-840

PCN 56 R/B/W/T HIRL

RWY 26: MALSR. VASI(V4L)—GA 3.0° TCH 53'. Thld dspcd 1000'.

Trees.

SERVICE: S4 **FUEL** 100LL, JET A, A+, + **MILITARY—FUEL** A++ (Mil)(NC-100LL, A - OT fone C304-262-2507.) **FLUID PRESAIR**—Avbl2200-0200Z± or 30 min PN and prior arg on hol. **OIL** O-156 and

O-148 (Mil).

AIRPORT REMARKS: Attended May-Sep 1200-0200Z±, Oct-Apr

1200-0000Z±. For fuel after hrs call 304-262-2507. Deer and birds

on and invof arpt. FAA ARFF Index D/NFPA Cat 8; Index E/Cat 10 equip

avbl. Mowing in progress spring through autumn yearly. Twy B clsd from

T-hangar twy lane south. Twy D clsd past prt hangar 1750 ft S of Twy

E. No grass ldgs. TPA—rectangular 1600(1035), lgt and rotary wing

acft, 2100(1535), for heavy acft, overhead 2100(1535). Ldg fee. Ldg

fee for acft greater than 5000 lbs GWT (mil, fed, state, based acft

exempt).

AIRPORT MANAGER: 304-263-2106**WEATHER DATA SOURCES:** ASOS 119.925. unmonitored when twr clsd.**COMMUNICATIONS:** CTAF 124.3 UNICOM 122.95

RCO 122.1R 112.1T (LEESBURG RADIO)

MARTINSBURG RCO 122.45 (ELKINS RADIO)

® POTOMAC APP/DEP CON 126.825

MARTINSBURG TOWER 124.3 (1200-0400Z± Mon-Fri, 1300-2100Z± Sat-Sun, other times by NOTAM) GND CON 121.8

CLNC DEL 132.075

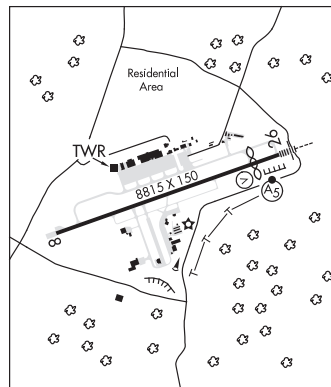
AIRSPACE: CLASS D svc 1200-0400Z± Mon-Fri, 1300-2100Z± Sat-Sun other times times by NOTAM other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MRB.

MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13' W77°50.90' 286° 6.3 NM to fld. 600/7W.

DME portion unusable.

Byd 35 NM blo 4,000'

ILS 108.3 I-EXW Rwy 26. Class IE.

COMM/NAV/WEATHER REMARKS: When ATCT clsd ctc Potomac Apch for Clnc Del 132.075 or if unavailable 866-709-4773.**MASON CO** (See POINT PLEASANT on page 394)**MERCER CO** (See BLUEFIELD on page 382)**MID-OHIO VALLEY RGNL** (See PARKERSBURG on page 392)

MILTON

ONA AIRPARK (12V) 4 W UTC-5(-4DT) N38°26.45' W82°12.05'

CINCINNATI
L-26H
IAP

572 NOTAM FILE EKN

RWY 07-25: H3154X40 (ASPH) LIRL(NSTD)

RWY 07: Trees.

RWY 25: Ground.

SERVICE: S4 **FUEL** 100LL **LGT** Rwy 07-25 NSTD LIRL, NSTD spacing and colors.

AIRPORT REMARKS: Attended 1300Z±-dusk. Fuel 24 hr self-svc. Balloonport 2 miles east. Vehicles crossing rwy. NS ABTMT procedures in effect, departures Rwy 25 fly 240° and departures Rwy 07 fly 090° to 1600' alt. Rwy exit to ramp has depression. Rwy 07-25 dsplcd thlds unmarked. Fence, poles, buildings in primary sfc west side. Race track adjacent to Rwy 07-25.

AIRPORT MANAGER: 304-710-5650

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HUNTINGTON APP/DEP CON 119.75

RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 288° 21.0 NM to fld. 1099/3W.

VOR unusable:

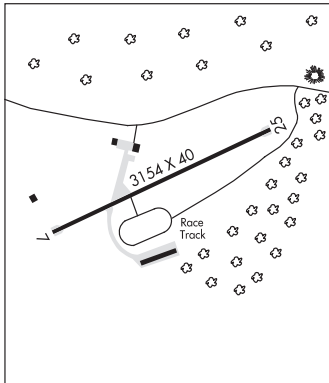
140°-142° byd 20 NM blo 9,000'

207°-250° byd 10 NM blo 6,000'

DME unusable:

207°-250° byd 10 NM blo 6,000'

207°-250° byd 36 NM



MINGO CO (See WILLIAMSON on page 399)

MORGANTOWN MUNI-WALTER L BILL HART FLD (MGW)(KMGW) 3 E UTC-5(-4DT)

CINCINNATI
H-10H, 12I, L-29C
IAP, AD

N39°38.62' W79°55.05'

1244 B Class I, ARFF Index A NOTAM FILE MGW

RWY 18-36: H5199X150 (ASPH-GRVD) S-65, D-90, 2S-114, 2D-175

PCN 36 F/C/W/T HIRL

RWY 18: MALSR. PAPI(P4L)—GA 3.0° TCH 60'.

RWY 36: REIL. VASI(V4L)—GA 3.0° TCH 52'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA-5199 TODA-5199 ASDA-5199 LDA-5199

RWY 36: TORA-5199 TODA-5199 ASDA-5199 LDA-5199

SERVICE: S2 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE HIRL Rwy 18-36, MALSR Rwy 18, PAPI Rwy 18, VASI Rwy 36, REIL Rwy 36 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1000-0500Z±. FBO hrs Mon-Fri 1000-0500Z±, Sat-Sun 1100-0400Z±, 24 hr phone number 304-296-2359. Deer and birds on and in/ov arpt. Be alert, possibility of turbulence in/ov power plant stacks 3.6 miles north of afld during cold wx. PPR 24 hrs for unscheduled air carrier ops call arpt manager 304-291-7461. Ldg fee for acft 6500 lbs and over.

AIRPORT MANAGER: 304-291-7461

WEATHER DATA SOURCES: ASOS 120.675 (304) 296-7103.

COMMUNICATIONS: CTAF 125.1 UNICOM 122.95

RCO 122.1R 122.6 111.6T (ELKINS RADIO)

Ⓡ CLARKSBURG APP/DEP CON 121.15 (Mon-Fri 1100-0400Z±, Sat-Sun 1200-0400Z±)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.95 or call ZOB 440-774-0226 (Mon-Fri 0400-1100Z±, Sat-Sun 0400-1200Z±)

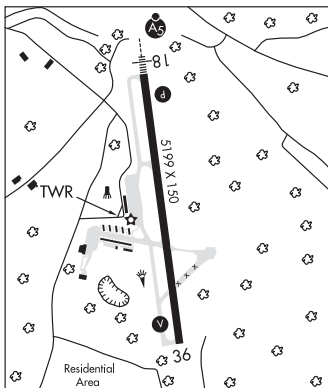
TOWER 125.1 (1200-0400Z±) **GND CON** 121.7

AIRSPACE: CLASS D svc 1200-0400Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.

(L) **VORTAC** 111.6 MGW Chan 53 N39°33.40' W79°51.62' 338° 5.8 NM to fld. 2343/5W.

ILS 108.5 I-MGW Rwy 18. Class IA. Unmonitored when twr clsd.



MOUNDSVILLE**MARSHALL CO** (MPG)(KMPG) 3 S UTC-5(-4DT) N39°52.85' W80°44.15'**CINCINNATI**

1215 B NOTAM FILE EKN

L-29B**RWY 06-24:** H3301X60 (ASPH) S-12.5 MIRL 0.6% up SW**IAP****RWY 06:** PAPI(P2R)—GA 4.0° TCH 26'. Tower.**RWY 24:** PAPI(P2R)—GA 3.0° TCH 40'. Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE rotating bcn—CTAF. ACTIVATE MIRL Rwy 06-24—CTAF. PAPI Rwy 06 and Rwy 24 opr continuously.**AIRPORT REMARKS:** Attended 1330Z±-dusk. For attendant after hrs call 304-312-1119 (manager cell). Rwy 24, due to terrain, winds may be turbulent on apch.**AIRPORT MANAGER:** 304-845-0200**WEATHER DATA SOURCES:** AWOS-3 119.05 (304) 845-2959.**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEVELAND CENTER APP/DEP CON** 126.95 or call ZOB 440-774-0226**RADIO AIDS TO NAVIGATION:** NOTAM FILE CLE.**BELLAIRE (H) VOR/DME** 117.1 AIR Chan 118 N40°01.02' W80°49.03' 162° 9.0 NM to fld. 1307/7W.**NEW CUMBERLAND****HERRON** (7G1) 3 NE UTC-5(-4DT) N40°31.99' W80°32.47'**DETROIT**

1226 TPA—2001(775) NOTAM FILE EKN

RWY 04-22: H2030X20 (ASPH) RWY LGTS(NSTD) 1.0% up SW**RWY 04:** Trees.**RWY 22:** Trees.**RWY 01-19:** 1200X24 (TURF) 1.8% up N**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S2 **FUEL** 100LL **LGT** Arpt lgts opr dusk-0400Z±. ACTIVATE LIRL Rwy 04-22—123.0—5 times on/5 times off. Rwy 04-22 lgts on SE side only.**AIRPORT REMARKS:** Attended irregularly. Repairs by prior arrangement. Attendant not on duty. Deer on and invof arpt. Ultralight activity. Rwy 04-22 numbers only. Rwy 04 and Rwy 22 ends not visible from each end. Tfc on road crossing rwy not visible from Rwy 04 end. Public road crosses center of afld, do not taxi on road, wing will not clear stop sign on road. Rwy 04-22 slopes up from east to west, approximately 30'. 30' drop off at each rwy end. Overnight fee waived with minimum fuel purchase.**AIRPORT MANAGER:** 304-387-0191**COMMUNICATIONS:** CTAF 122.9**NORTH CENTRAL WEST VIRGINIA** (See CLARKSBURG on page 384)**ONA AIRPARK** (See MILTON on page 390)

PARKERSBURG

MID—OHIO VALLEY RGNL (PKB)(KPKB) P (ARNG) 6 NE UTC-5(-4DT) N39°20.70' W81°26.36' **CINCINNATI**
 859 B Class I, ARFF Index A NOTAM FILE PKB **H-10G, 12I, L-29B**
RWY 03-21: H7240X150 (ASPH-GRVD) S-85, D-100, 2S-127, IAP, AD
 2D-175 HIRL 0.8% up NE

RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 48'. RVR-T

RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 56'. RVR-R Thld dsplcd 460'.

RWY 10-28: H4002X150 (ASPH-GRVD) S-50, D-75, 2S-95, 2D-135 HIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 51'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 52'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7240 TODA-7240 ASDA-6781 LDA-6781

RWY 10: TORA-4002 TODA-4002 ASDA-4002 LDA-4002

RWY 21: TORA-7240 TODA-7240 ASDA-7240 LDA-6781

RWY 28: TORA-4002 TODA-4002 ASDA-4002 LDA-4002

SERVICE: S2 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE HIRL
 Rwy 03-21 and Rwy 10-28, twy lgts, MALSR Rwy 03, REIL Rwy 10 and Rwy 21—CTAF. Rwy 28 PAPI unusable byd 8° left and 8° right of rwy centerline. REIL Rwy 28 unavbl when twr clsd. **MILITARY—FUEL A+, A, JP8** (Opr 1030-00430Z‡ C304-464-5113, OT 2 hr PN C304-464-5115 fee \$55.) (NC-100LL)

AIRPORT REMARKS: Attended continuously. PPR 30 min for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 304-464-5115. Deer on and invof arpt. No ldg fee for acct less than 6,500 lbs. for acct greater than 6,500, ldg fee waived with fuel purchases.

AIRPORT MANAGER: 304-464-5113

WEATHER DATA SOURCES: ASOS (304) 464-5547

COMMUNICATIONS: CTAF 123.7 ATIS 124.35 UNICOM 122.95

Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 125.55

PARKERSBURG TOWER 123.7 (1200-0400Z‡) **GND CON** 121.7

AIRSPACE: CLASS D svc 1200-0400Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PKB.

PARKERSBURG (L) VORTAC 108.6 JPU Chan 23 N39°26.47' W81°22.49' 211° 6.5 NM to fld. 1030/3W.

VERSI NDB (LOMW) 388 PK N39°15.24' W81°29.10' 028° 5.9 NM to fld. 812/7W.

NDB unusable:

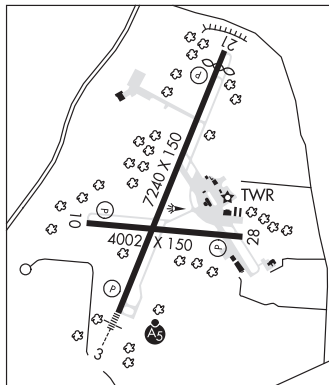
000°-094° byd 10 NM blo 3,000'

095°-149°

150°-210° byd 10 NM

ILS 110.7 I-PKB Rwy 03. Class 1B. LOM VERSI NDB. LOM unusable 000°-094° byd 10 NM blo 3,000';

95°-149° 150°-210° byd 10 NM. LOM unmonitored.



PARKERSBURG N39°26.47' W81°22.49' NOTAM FILE PKB.

(L) **VORTAC** 108.6 JPU Chan 23 211° 6.5 NM to Mid-Ohio Valley Rgnl. 1030/3W.

RCO 122.1R 122.4 108.6T (ELKINS RADIO)

CINCINNATI
H-10G, 12H, L-29B

PETERSBURG

GRANT CO (W99) 1 SW UTC-5(-4DT) N38°59.70' W79°08.75'

963 B NOTAM FILE EKN

RWY 13-31: H5000X75 (ASPH) S-41, D-53.4 MIRL 0.3% up NW

RWY 13: REIL. Trees.

RWY 31: REIL. PAPI(P4L)—GA 6.5° TCH 46'. Trees. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** Rwy 31 PAPI OTS. ACTIVATE MIRL Rwy 13-31, REIL Rwy 13 and Rwy 31, PAPI Rwy 31—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z, Sat 1430-2200Z, Sun 1530-2200Z. Self svc fuel avbl 24 hrs a day with credit card. Glider ops. Rwy 31 rgt tfc for glider and ultra-light only. All other powered acft std left tfc pat. Bird activity on and in/ov arpt. Cold temperature rstd arpt. Altitude correction required at or blo -9°C/16°F.

AIRPORT MANAGER: 304-257-4435

WEATHER DATA SOURCES: AWOS-3 124.475 (304) 257-2477.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.65

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

KESSLER (L) VOR/DME 110.8 ESL Chan 45 N39°13.53' W78°59.37' 214° 15.6 NM to fld. 2590/6W.

VOR unusable:

035°-045° blo 18,000'

LDA/DME 111.5 I-YQ Chan 52 Rwy 31. DME unusable byd 25° left of course and byd 28° right of course. DME unusable blo 4,500' byd 10 NM; blo 4,900' byd 13 NM; blo 5,200' byd 14 NM; blo 5,900' byd 15 NM, byd 19 NM. LOC unusable byd 10 NM blo 4,200'.

CINCINNATI
H-10H, 12I, L-29D
IAP

PHILIPPI

PHILIPPI/BARBOUR CO RGNL (79D) 2 NW UTC-5(-4DT) N39°09.97' W80°03.74'

1755 B NOTAM FILE EKN

RWY 08-26: H3275X60 (ASPH) MIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Thld dspld 140'. Tree.

RWY 26: PAPI(P2L)—GA 3.0° TCH 20'. Thld dspld 225'. Ground.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08-26, PAPI Rwy 08, Rwy 26 and REIL Rwy 08—CTAF. REIL Rwy 08 omni-directional.

AIRPORT REMARKS: Unattended. Wildlife in/ov arpt. Fuel 24 hr self-serve. Arpt fenced. Vehicle gate locked. Only access via pedestrian gate. Rwy 26 186' ridge approximately 3200' from thld, 550' right. Rwy 26 500' dropoff 50' from thld. Rwy 08 150' dropoff 112' from thld.

AIRPORT MANAGER: 304-695-0125

COMMUNICATIONS: CTAF 122.9

Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1100-0400Z Mon-Fri, 1200-0400Z Sat-Sun)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400-1100Z Mon-Fri, 0400-1200Z Sat-Sun)

RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.

CLARKSBURG (L) VOR/DME 112.6 CKB Chan 73 N39°15.19'

W80°16.07' 122° 10.9 NM to fld. 1427/4W.

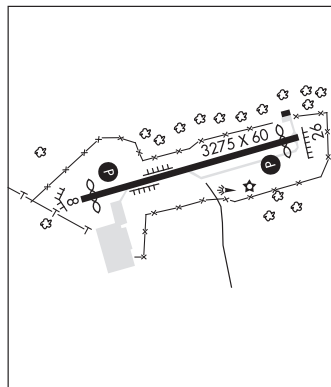
VOR unusable:

041°-051° byd 6 NM

056°-081°

116°-137°

CINCINNATI
L-29C
IAP



SIMPSON (9W3) 3 S UTC-5(-4DT) N39°05.61' W80°01.55'

1960 NOTAM FILE EKN

RWY 01-19: 1500X50 (TURF)

RWY 01: Road.

RWY 19: Trees.

AIRPORT REMARKS: Attended continuously. Deer on and in vicinity of arpt. Rwy 01 75' tree, 0' distance, 106' right of thld. Rwy 19 has 50' drop-off 75' from thld. Rwy 01 has 15' public road at rwy end. Rwy 01-19 ldg area outlined with white tires. Rwy 19 +25' brush 50' from thld. Rwy 01-19 sfc rolling.

AIRPORT MANAGER: 304-457-2323

COMMUNICATIONS: CTAF 122.9

CINCINNATI

PINEVILLE

KEE FLD (I16) 2 NW UTC-5(-4DT) N37°36.03' W81°33.56'

1783 B NOTAM FILE EKN

RWY 08-26: H3701X60 (ASPH) S-13 MIRL 1.6% up E

RWY 08: REIL. Trees.

RWY 26: REIL. Thld dspld 590'. Trees.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26 REIL Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z. Unattended major holidays, for arpt attendant after hrs call 304-732-7372 (manager residence). Wildlife on and invof arpt. Birds invof midpoint of rwy. 337' hill (2120' MSL) left of rwy centerline 3388' from dspld thld Rwy 26.

AIRPORT MANAGER: 304-732-9160

WEATHER DATA SOURCES: AWOS-3 120.625 (304) 732-7311. Wnd unrel.

COMMUNICATIONS: CTAF/UNICOM 122.8

CHARLESTON APP/DEP CON 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82' W81°07.41' 249° 23.4 NM to fld. 2517/6W. **HIWAS.**

TACAN DME unusable:

083°-191° byd 21 NM

VOR unusable:

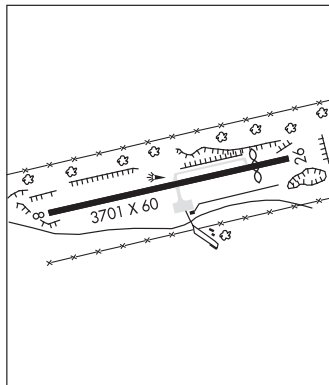
130°-200°

TACAN AZIMUTH OTS indef

CINCINNATI

L-26H

IAP



POINT PLEASANT

MASON CO (3I2) 4 NE UTC-5(-4DT) N38°54.88' W82°05.92'

643 B NOTAM FILE EKN

RWY 07-25: H4000X75 (ASPH) S-24 MIRL 0.3% up SW

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 54'. Trees.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and Rwy 25 and REIL Rwy 07 and Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z. Steam from cooling twrs NW occasionally obscures obstruction lgts on twr North. Deer on and in vicinity of arpt. 6-8' brush parallel to Rwy 25, 100' from centerline, from thld to 1000' from thld. Portion of ramp and one rwy exit unsafe due to soft weak asph paving. Area marked by lgtd barricade unusable. Cold temperature rstd arpt. Altitude correction required at or blo -18C/0F.

AIRPORT MANAGER: 304-675-7765

WEATHER DATA SOURCES: AWOS-3 119.675 (304) 675-4618.

COMMUNICATIONS: CTAF/UNICOM 122.8

HUNTINGTON APP/DEP CON 128.4

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25' W82°01.57' 344° 10.2 NM to fld. 880/3W.

VOR portion unusable:

205°-235° blo 5,500'

235°-245° byd 20 NM blo 4,500'

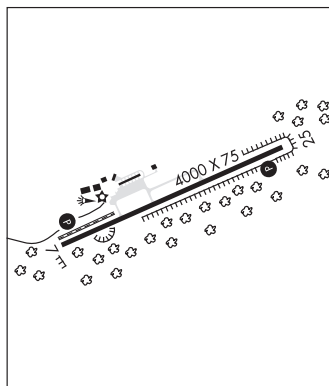
306°-319° byd 10 NM blo 4,000'

346°-019° byd 10 NM blo 10,000'

CINCINNATI

L-29B

IAP



POTOMAC AIRPARK (See BERKELEY SPRINGS on page 382)

RAINELLE N37°58.52' W80°48.39' NOTAM FILE EKN.

(L) VOR 116.6 RNL 353° 15.7 NM to Summersville. 3350/4W.

RCC 122.1R 116.6T (ELKINS RADIO)

CINCINNATI

L-26I

RALEIGH CO MEM (See BECKLEY on page 381)

RANDOLPH CO N38°53.64' W79°51.56' NOTAM FILE EKN.

NDB (HW) 284 RQY at Elkins-Randolph Co-Jennings Randolph Fld. 1938/7W.

NDB unusable:

018°-084° byd 10 NM

085°-017° byd 15 NM

CINCINNATI

L-29C

RAVENSWOOD

JACKSON CO (I18) 6 SW UTC-5(-4DT) N38°55.79' W81°49.17'

758 B TPA—1758(1000) NOTAM FILE EKN

RWY 04-22: H4000X75 (ASPH) S-12.5 MIRL 0.5% up NE

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Trees.

RWY 22: REIL. PAPI(P2L)—GA 4.0° TCH 50'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 04-22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22, and windsock lgt—CTAF. Visual glideslope indicator and descent angles not coincident. Rotating bcn obscured to the E.

AIRPORT REMARKS: Attended 1300-2100Z. Parachute Jumping. Deer on and invof arpt. +481 ft stack 1/2 mile NW of arpt. 15' trees parallel to Rwy 04, 75' left of centerline.

AIRPORT MANAGER: 304-273-8114

WEATHER DATA SOURCES: AWOS-2 121.3 (304) 273-3424.

COMMUNICATIONS: CTAF/UNICOM 122.8

HUNTINGTON APP/DEP CON 128.4

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25'

W82°01.57' 046° 14.3 NM to fld. 880/3W.

VOR portion unusable:

205°-235° blo 5,500'

235°-245° byd 20 NM blo 4,500'

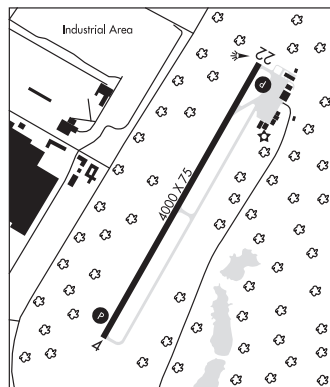
306°-319° byd 10 NM blo 4,000'

346°-019° byd 10 NM blo 10,000'

CINCINNATI

L-29B

IAP



RICHWOOD MUNI (314) 6 W UTC-5(-4DT) N38°15.50' W80°39.08'

2486 NOTAM FILE EKN

RWY 10-28: H3360X60 (ASPH) LIRL(NSTD) 2.1% up E

RWY 28: Trees.

SERVICE: **LGT** Rwy 10-28 LIRL NSTD spacing, no thld lghts. **ACTIVATE** LIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED ngts. Parallel twy clsd Oct-Apr. Deer and birds on and invof arpt. Rwy 10-28 no snow removal. Rwy frequently snow covered winter months. Rwy 10-28 soft shoulders.

AIRPORT MANAGER: 304-846-6650

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82'

W81°07.41' 044° 36.4 NM to fld. 2517/6W. **HIWAS.**

TACAN DME unusable:

083°-191° byd 21 NM

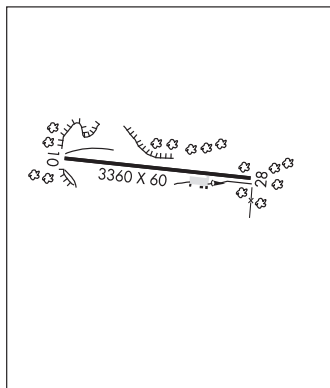
VOR unusable:

130°-200°

TACAN AZIMUTH OTS indef

CINCINNATI

L-26I



ROBERT NEWLON FLD (See HUNTINGTON on page 386)

SHINNSTON

WADE F MALEY FLD (6WØ) 1 NE UTC-5(-4DT) N39°24.37' W80°16.61'

997 NOTAM FILE EKN

RWY 05-23: 2265X45 (TURF) 0.9% up NE

RWY 05: Trees.

RWY 23: Ground. Rgt tfc.

SERVICE: S2

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Airframe and powerplant repairs avbl on call 304-592-2426. Rwy 23 15' drop-off 10' from thld outbound. Rwy 05 20' drop-off 15' from thld outbound. High terrain all quadrants. Rwy 05-23 20' power poles middle of rwy 75' left and rgt of centerline. 400' ridge/trees 1,100' from thld Rwy 23 outbound. 15' drop-off 45' from centerline full length both sides of Rwy 05-23. Act parked 55' W of rwy centerline, approximately 1,000' N of Rwy 05 end. Apch Rwy 23 from northwest, depart Rwy 05 to northwest due to ridge northeast of arpt.

AIRPORT MANAGER: 304-592-2426

COMMUNICATIONS: CTAF 122.9

CINCINNATI

SIMPSON (See PHILIPPI on page 393)

SLATE RUN (See SPENCER on page 396)

SPENCER

BOGGS FLD (USW)(KUSW) 1 N UTC-5(-4DT) N38°49.43' W81°20.93'

928 B TPA—See Remarks NOTAM FILE EKN

RWY 10-28: H4549X75 (ASPH) MIRL

RWY 10: REIL. Trees.

RWY 28: REIL. Ground.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10-28 and REIL Rwy 10 and Rwy 28 and rotating bcn —CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z. 24 hr self svc credit card fuel. Wildlife and deer on and invof rwy. TPA—1928(1000) single/multiengine acft, 2428(1500) turbine/large acft. NSTD safety area, 50' hill 170' from each side of rwy centerline. Ocnl radio controlled model acft ops on rwy midfield.

AIRPORT MANAGER: 304-481-1214

WEATHER DATA SOURCES: AWOS-3 118.575 (304) 927-0123.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **CHARLESTON APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25' W82°01.57' 085° 32.0 NM to fld. 880/3W.

VOR portion unusable:

205°-235° blo 5,500'

235°-245° byd 20 NM blo 4,500'

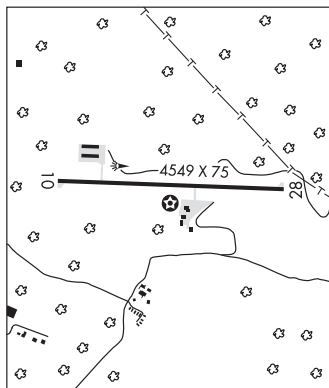
306°-319° byd 10 NM blo 4,000'

346°-019° byd 10 NM blo 10,000'

CINCINNATI

L-29B

IAP



SLATE RUN (551) 3 SE UTC-5(-4DT) N38°46.65' W81°18.61'

1001 NOTAM FILE EKN

RWY 16-34: H1730X30 (ASPH) LIRL(NSTD)

RWY 16: Trees.

RWY 34: Ground.

SERVICE: **LGT** ACTIVATE LIRL Rwy 16-34 on req. Rwy 16-34 NSTD LIRL, Rwy 34 thld lgts not centered. Rwy 16-34 edge lgts located 25 ft outward from rwy edge.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. 100' drop off at each rwy end. Rwy 16-24 trees and brush 40' from centerline. Pline on apch to Rwy 16.

AIRPORT MANAGER: 304-545-8154

COMMUNICATIONS: CTAF/UNICOM 122.725

CINCINNATI

SUMMERSVILLE (SXL)(KSXL) 3 S UTC-5(-4DT) N38°13.90' W80°52.25'

1820 B NOTAM FILE EKN

RWY 04-22: H3015X50 (ASPH) MIRL 0.4% up NE

RWY 04: REIL. Trees.

RWY 22: REIL. PAPI(P2L)—GA 3.25° TCH 32'. Trees.

SERVICE: **LGT** ACTIVATE MIRL Rwy 04-22—CTAF. Rwy 22 REIL OTS indef. PAPI lgts ots indef. Rot bcn ots indef.

AIRPORT REMARKS: Unattended. Rwy 04 50' drop-off 110' from thld outbound from thld. Rwy 22 30' drop-off 110' from thld outbound. Lighthouse 2 miles SE may be mistaken for rot bcn.

AIRPORT MANAGER: 304-989-2830

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CHARLESTON APP/DEP CON** 119.2

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82' W81°07.41' 030° 29.6 NM to fld. 2517/6W. **HIWAS.**

TACAN DME unusable:

083°-191° byd 21 NM

VOR unusable:

130°-200°

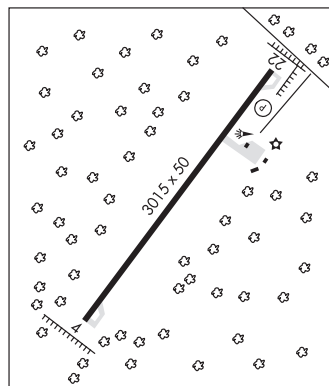
TACAN AZIMUTH OTS indef

SDF 110.1 I-SXL Rwy 04. **SDF** OTS indef.

CINCINNATI

L-261

IAP



SUTTON

BRAXTON CO (481) 3 E UTC-5(-4DT) N38°41.23' W80°39.13'
1276 B NOTAM FILE EKN

RWY 02-20: H3995X60 (ASPH-AFSC) S-12 MIRL 0.6% up N

RWY 02: REIL. Thld dspclcd 409'. Trees.

RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.

SERVICE: FUEL 100LL, JET A LGT Dusk-Dawn. After 0400Z‡

ACTIVATE MIRL Rwy 02-20, REIL Rwy 02 and Rwy 20—CTAF. PAPI Rwy 20 unusable byd 6° left and byd 6° right of centerline.

AIRPORT REMARKS: Unattended. Rwy 02-20 has 2 inch pavement lip and soft shoulder. Bcn located 1/4 mile NW of arpt. 6' ditch crosses AER 02 0-116' from thld. Gate access 1200-0000Z‡ 1-2-3-4. 0000Z‡-1200Z‡ 0-7-6-5.

AIRPORT MANAGER: 304-853-2538

WEATHER DATA SOURCES: AWOS-3P 118.225 (304) 765-7805.

COMMUNICATIONS: CTAF 122.9

Ⓜ **CLARKSBURG APP/DEP CON** 121.15 (1100-0400Z‡ Mon-Fri, 1200-0400Z‡ Sat-Sun)

INDIANAPOLIS CENTER APP/DEP CON 125.55 (0400-1100Z‡ Mon-Fri, 0400-1200Z‡ Sat-Sun)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

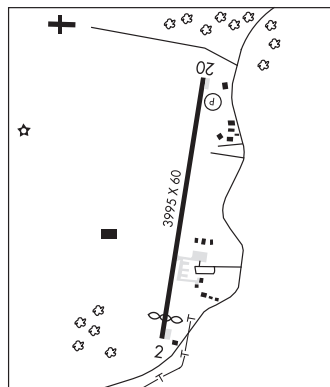
ELKINS (L) VORTAC 114.2 EKN Chan 89 N38°54.87' W80°05.96' 249° 29.3 NM to fld. 2160/7W. HIWAS.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

CINCINNATI
L-29C
IAP



TITUS FLD (See ARTHURDALE on page 381)

TRI-STATE/MILTON J FERGUSON FLD (See HUNTINGTON on page 387)

UPSHUR CO RGNL (See BUCKHANNON on page 383)

VERSI N39°15.24' W81°29.10' NOTAM FILE PKB.

NDB (LOMW) 388 PK 028° 5.9 NM to Mid-Ohio Valley Rgnl. 812/7W.

NDB unusable:

000°-094° byd 10 NM blo 3,000'

095°-149°

150°-210° byd 10 NM

CINCINNATI

WADE F MALEY FLD (See SHINNSTON on page 395)

WELCH MUNI (I25) 3 SE UTC-5(-4DT) N37°25.01' W81°31.74'

2118 NOTAM FILE EKN

RWY 09-27: H2695X50 (ASPH)

RWY 09: Trees.

RWY 27: Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Not suitable for acft opr. Arpt gates locked, no public access. No line of sight between rwy ends. Rwy 09-27 pavement condition failed, sfc rough and cracking. Extensive vegetation and trees growing through cracks. Loose stones, rocks, barrels and debris on rwy. Tree limbs overhang rwy edges. First 300' Rwy 27 has 3° bend. Taxi transition to apron Rwy 09-27 unmarked.

AIRPORT MANAGER: 304-436-4557

COMMUNICATIONS: CTAF 122.9

CINCINNATI

WHEELING OHIO CO (HLG)(KHLG) 8 NE UTC-5(-4DT) N40°10.50' W80°38.78'

CINCINNATI

1194 B NOTAM FILE HLG

H-10G, 12I, L-29B

RWY 03-21: H5002X150 (ASPH-GRVD) S-120, D-170, 2S-175, 2D-290 HIRL 0.5% up NE

RWY 03: MALSf. RVR-T Trees.

RWY 21: REIL. VASI(V4L)—GA 3.0° TCH 42'. RVR-R Trees.

RWY 16-34: H4499X150 (ASPH) S-110, D-143, 2S-175, 2D-230 MIRL 0.4% up SE

RWY 16: Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 42'. Trees.

SERVICE: FUEL 100LL, JET A LGT When twr clsd ACTIVATE HIRL Rwy 03-21, MIRL Rwy 16-34, MALSf Rwy 03, VASI Rwy 21, PAPI Rwy 34, REIL Rwy 21 and Rwy 34, and all twy lghts except Twy A—CTAF. REIL Rwy 21 OTS indef. Rwy 34 REIL OTS indef. Rwy 34 PAPI OTS indef. Twy B centerline lghts OTS indef.

AIRPORT REMARKS: Attended Mon-Fri 1200-0300Z†, Sat-Sun 1300-0100Z†. Birds and deer on and invof arprt.

AIRPORT MANAGER: 304-234-3865

WEATHER DATA SOURCES: ASOS 127.375 (304) 277-3504.

COMMUNICATIONS: CTAF 118.1 UNICOM 122.95

RCO 118.65 122.1R (ELKINS RADIO)

Ⓡ PITTSBURGH APP/DEP CON 125.275

TOWER 118.1 (1200-0300Z† Mon-Fri; 1500-0100Z† Sat-Sun) **GND CON** 121.75

AIRSPACE: CLASS D svc 1200-0300Z† Mon-Fri 1500-0100Z† Sat-Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.

(L) **VOR/DME** 112.2 HLG Chan 59 N40°15.59' W80°34.12' 222° 6.2 NM to fld. 1269/7W.

VOR portion unusable:

020°-026° byd 15 NM

028°-039° byd 10 NM

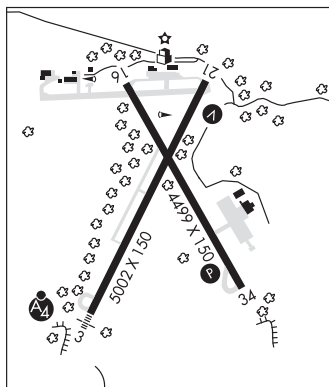
080°-100° byd 15 NM blo 11,000'

123°-133° blo 4,000'

150°-170° byd 15 NM

R-027 byd 20 NM

ILS 109.7 I-HLG Rwy 03. Class IA. Unmonitored when ATCT closed. Glideslope unusable for coupled approaches blo 1,401'.



WILLIAMSON

APPALACHIAN RGNL (EBD)(KEBD) 8 E UTC-5(-4DT) N37°40.91' W82°07.32'

CINCINNATI

1883 B NOTAM FILE EKN

H-10G, 12H, L-26H

RWY 08-26: H5001X75 (ASPH) MIRL 1.1% up E

IAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: LGT ACTIVATE REIL Rwy 08 and Rwy 26, PAPI Rwy 08 and Rwy 26, and MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. No terminal building or facilities avbl. Birds, deer, and bear on and invof arprt. No snow removal.

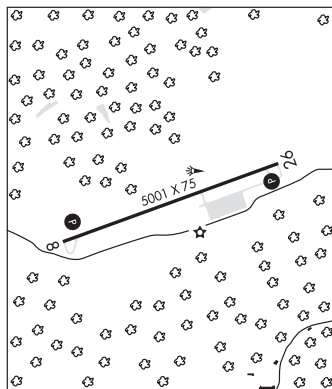
AIRPORT MANAGER: 606-625-2632

COMMUNICATIONS: CTAF/UNICOM 122.8

INDIANAPOLIS CENTER APP/DEP CON 126.575

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) **VORTAC** 110.4 ECB Chan 41 N38°09.50' W82°54.60' 129° 47.1 NM to fld. 1070/2W.



MINGO CO (41Ø) 1 NE UTC-5(-4DT) N37°41.26' W82°15.66'

1575 NOTAM FILE EKN

RWY 06-24: H3515X60 (ASPH) S-9

RWY 06: Hill.

RWY 24: Thld dsplcd 515'. Hill.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. No ops SS-SR. 304' AGL twr on hill 1/4 mile southeast of rwy. 30' trees, 15' from rwy edge.

AIRPORT MANAGER: 606-625-2635

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

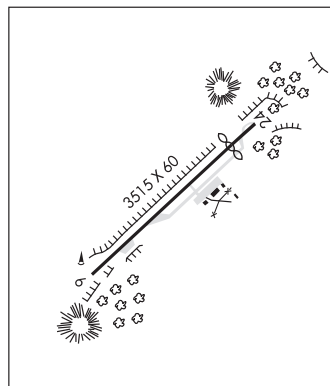
NEWCOMBE (L) VORTAC 110.4 ECB Chan 41 N38°09.50'

W82°54.60' 134° 41.8 NM to fld. 1070/2W.

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored.

CINCINNATI

L-26H



YEAGER (See CHARLESTON on page 383)

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Chart listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of U.S. World Aeronautical Charts (WAC) and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions. Positions are shown as degrees, minutes, seconds and hemisphere. Data is current as of 56 days prior to the date of this publication.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact Flight Service for route dimensions and current status for those routes affecting your flight.

BALTIMORE–WASHINGTON HELICOPTER ROUTE CHART

10th Edition, 23 Jul 2015

OBSTRUCTIONS

20 Aug 2015 – 26 May 2016 No Major Changes.

21 Jul 2016 Add obst 824' MSL (497' AGL) UC, 38°55'35"N, 77°12'46"W.

15 Sep 2016 – 17 Aug 2017 No Major changes.

AIRPORTS

20 Aug 2015 – 15 Oct 2015 No Major Changes.

10 Dec 2015 Delete GLASCOCK arpt, 38°56'32"N, 77°32'32"W.

4 Feb 2016 – 15 Sep 2016 No Major Changes.

10 Nov 2016 Add CTAF 122.9 at FORT BELVOIR COMMUNITY HOSPITAL heliport, 38°42'24"N, 77°08'42"W

5 Jan 2017 – 17 Aug 2017 No Major Changes.

NAVAIDS

20 Aug 2015 – 17 Aug 2017 No Major Changes.

AIRSPACE

20 Aug 2015 Change REAGAN NATIONAL Class B freqs from 119.85 319.1 (W) to 119.85 319.1 (W/S).

15 Oct 2015 – 17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

20 Aug 2015 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

20 Aug 2015 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

20 Aug 2015 – 17 Aug 2017 No Major Changes.

BALTIMORE–WASHINGTON TERMINAL AREA CHART

95th Edition, 20 Jul 2017

OBSTRUCTIONS

17 Aug 2017 No Major Changes.

AIRPORTS

17 Aug 2017 No Major Changes.

NAVAIDS

17 Aug 2017 No Major Changes.

AIRSPACE

17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

17 Aug 2017 No Major Changes.

MISCELLANEOUS

17 Aug 2017 No Major Changes.

BOSTON HELICOPTER ROUTE CHART
7th Edition, 13 Nov 2014**OBSTRUCTIONS**

13 Nov 2014 – 21 Jul 2016 No Major Changes.

15 Sep 2016 Add obst 463' MSL (449' AGL), 42°21'57"N, 71°03'48"W.

10 Nov 2016 – 17 Aug 2017 No Major Changes.

AIRPORTS

13 Nov 2014 – 5 Mar 2015 No Major Changes.

30 Apr 2015 Delete SHERMAN arpt, 42°04'30"N, 70°47'53"W.

25 Jun 2015 – 4 Feb 2016 No Major Changes.

31 Mar 2016 Delete COMPAQ PARKER STREET heliport, 42°25'06"N, 71°26'50"W.

26 May 2016 – 17 Aug 2017 No Major Changes.

NAVAIDS

13 Nov 2014 – 30 Apr 2015 No Major Changes.

25 Jun 2015 Shutdown LYNDY NDB, 42°27'07"N, 70°57'48"W.

20 Aug 2015 Delete LYNDY NDB, 42°27'07"N, 70°57'48"W.

15 Oct 2015 – 31 Mar 2016 No Major Changes.

26 May 2016 Delete MANSFIELD NDB, 42°00'09"N, 71°11'49"W

21 Jul 2016 – 17 Aug 2017 No Major Changes.

AIRSPACE

13 Nov 2014 – 17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

13 Nov 2014 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

13 Nov 2014 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

13 Nov 2014 – 17 Aug 2017 No Major Changes.

BOSTON TERMINAL AREA CHART
90th Edition, 27 Apr 2017**OBSTRUCTIONS**

27 Apr 2017 No Major Changes.

22 Jun 2017 Change wind turbine from 525' MSL (336' AGL) to 602' MSL (414' AGL), 41°36'52"N, 71°15'05"W.

17 Aug 2017 No Major Changes.

AIRPORTS

27 Apr 2017 – 17 Aug 2017 No Major Changes.

NAVAIDS

27 Apr 2017 – 17 Aug 2017 No Major Changes.

AIRSPACE

27 Apr 2017 – 17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

27 Apr 2017 No Major Changes.

22 Jun 2017 Change MEF O⁷ to O⁸ in quadrant 41°30'-41°45'N, 71°15'-71°30'W.

17 Aug 2017 No Major Changes.

CINCINNATI SECTIONAL
98th Edition, 22 Jun 2017**OBSTRUCTIONS**

22 Jun 2017 No Major Changes.

17 Aug 2017 Add obst 1413' MSL (310' AGL), 37°54'01"N, 83°27'14"W.
Add wind turbine farm. 3485' is highest MSL, 39°45'04"N, 79°11'36"W.

AIRPORTS

22 Jun 2017 No Major Changes.

17 Aug 2017 Delete CLARKS DREAM arpt, 39°38'37"N, 83°01'02"W.

NAVAIDS

22 Jun 2017 – 17 Aug 2017 No Major Changes.

AIRSPACE

22 Jun 2017 No Major Changes.

17 Aug 2017 Add FINLEYVILLE, PA Class E: That airspace extending upward from 700 feet above the surface within a 7.3-mile radius of Finleyville Airpark.

SPECIAL USE AIRSPACE

22 Jun 2017 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

22 Jun 2017 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

22 Jun 2017 – 17 Aug 2017 No Major Changes.

DETROIT SECTIONAL
94th Edition, 30 Mar 2017

OBSTRUCTIONS

27 Apr 2017 Add obst 1176' MSL (491' AGL), 44°00'15"N, 82°55'14"W.
 Add obst 1277' MSL (310' AGL), 40°08'35"N, 83°15'10"W.
 Add obst 978' MSL (260' AGL), 41°05'07"N, 84°24'00"W.
 Add obst 983' MSL (315' AGL), 43°36'31"N, 84°29'09"W.
 Add obst 1149' MSL (250' AGL), 43°31'12"N, 84°53'58"W.
22 Jun 2017 Add obst 1049' MSL (257' AGL), 44°08'42"N, 83°54'57"W.
 Add obst 1745' MSL (310' AGL), 41°33'49"N, 79°47'37"W.
 Add obst 919' MSL (328' AGL), 42°33'46"N, 82°16'48"W.
 Add wind turbine farm. 1120' is highest MSL, 42°52'22"N, 79°30'59"W.
 Add obst 1679' MSL (350' AGL), 40°24'46"N, 81°37'13"W.
 Add obst 1200' MSL (260' AGL), 40°25'46"N, 84°29'45"W.
 Add obst 1386' MSL (315' AGL), 40°07'32"N, 84°30'28"W.
 Add obst 2561' MSL (340' AGL), 40°57'47"N, 77°56'36"W.
 Add obst 1240' MSL (260' AGL), 40°34'21"N, 84°04'56"W.
 Add wind turbine farm. 1152' is highest MSL, 43°03'40"N, 79°29'43"W.
 Add obst 865' MSL (288' AGL), 41°28'02"N, 82°48'56"W.
 Add wind turbine farm. 1121' is highest MSL, (573' AGL), 42°57'17"N, 79°31'00"W.
 Add wind turbine 1121' MSL (573' AGL), 42°59'26"N, 79°29'36"W.
 Add obst 1292' MSL (285' AGL), 40°16'42"N, 84°52'58"W.
 Add obst 1130' MSL (300' AGL), 42°51'34"N, 84°24'21"W.
 Add wind turbine 1121' MSL (573' AGL), 43°05'22"N, 79°24'02"W.
 Add obst 1067' MSL (389' AGL), 43°47'45"N, 79°31'13"W.
 Add wind turbine 1145' MSL (489' AGL), 42°45'46"N, 80°15'11"W.
 Add wind turbine 1572' MSL (480' AGL), 43°04'11"N, 80°41'11"W.
17 Aug 2017 Add obst 1681' MSL (410' AGL)UC, 41°25'13"N, 80°31'31"W.
 Add obst 1470' MSL (259' AGL), 40°27'55"N, 79°24'16"W.
 Add obst 1528' MSL (445' AGL), 41°41'32"N, 84°56'00"W.

AIRPORTS

27 Apr 2017 Delete RICE arpt, 40°42'00"N, 84°14'04"W.
 Delete BROTHERS arpt, 40°01'56"N, 81°27'54"W.
 Delete ORANGEVILLE/BRUNDLE arpt 43°52'30"N, 80°10'51"W.
 Delete RP 15 at TORONTO/BISHOP arpt, 43°37'39"N, 79°23'46"W.
22 Jun 2017 Delete KRIEWALL arpt, 42°50'17"N, 82°58'08"W.
17 Aug 2017 Delete WILLOWS arpt, 41°54'30"N, 80°15'29"W.
 Delete KRUGGEL arpt, 41°08'35"N, 82°01'43"W.

NAVAIDS

27 Apr 2017 Delete SANDUSKY VOR-DME 41°26'04"N, 82°39'17"W.
 Raise all outbound bearings from FORT WAYNE VORTAC by 6 degrees, 40°58'45"N, 85°11'17"W.
22 Jun 2017 Shutdown PONTIAC VOR, 42°42'03"N, 83°31'58"W.
17 Aug 2017 Delete BENJE NDB, 40°22'31"N, 79°16'18"W.
 Delete FOSTORIA NDB, 41°11'22"N, 83°23'50"W.
 Delete PECK VORTAC, 43°15'21"N, 82°43'05"W.

CONTINUED ON NEXT PAGE

AIRSPACE

27 Apr 2017 No Major Changes.

22 Jun 2017 Revise DEFIANCE, OH Class E: That airspace extending upward from 700 feet above the surface within a 6.4-mile radius of Defiance Memorial Airport, and within a 6-mile radius of the Point in Space 41°17'53"N, 84°22'40"W, serving Defiance Regional Medical Center Heliport.

Revise LIMA, OH Class E: That airspace extending upward from 700 feet above the surface within a 6.6-mile radius of Lima Allen County Airport, and within a 6-mile radius of the Point in Space 40°44'26"N, 84°07'06"W serving St. Rita's Medical Center Heliport, excluding the airspace within the Findlay, OH, Class E airspace area.

Revise FINDLAY, OH Class E: That airspace extending upward from 700 feet above the surface within a 6.8-mile radius of Findlay Airport and within a 7.2-mile radius of Bluffton Airport.

Add COLUMBUS Class C freq 134.0 (100°-279°)

Revise Elmira, NY Class E Surface Area : That airspace extending upward from the surface within 1.8 miles each side of the 062° bearing from the airport extending from the 4.2-mile radius of Elmira/Corning Regional Airport to 8.6-miles northeast of the airport, within 1.8 miles each side of the 101° bearing from the airport extending from the 4.2-mile radius to 6 miles east of the airport, and within 1.8 miles each side of the 240° bearing from the airport extending from the 4.2-mile radius to 7 miles southwest of the airport, and within 1.8 miles each side of the 282° bearing from the airport extending from the 4.2-mile radius to 8 miles northwest of the airport.

17 Aug 2017 Add FINLEYVILLE AIRPARK, PA Class E: That airspace extending upward from 700 feet above the surface within a 7.3-mile radius of Finleyville Airpark.

SPECIAL USE AIRSPACE

27 Apr 2017 –17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

27 Apr 2017 –17 Aug 2017 No Major Changes.

MISCELLANEOUS

27 Apr 2017– 22 Jun 2017 Change MEF 1¹ to 1³ in quadrant 44°00' - 44°30' N, 82°30' - 83°00' W.

17 Aug 2017 No Major Changes.

HALIFAX SECTIONAL

97th Edition, 17 Aug 2017

OBSTRUCTIONS

17 Aug 2017 No Major Changes.

AIRPORTS

17 Aug 2017 No Major Changes.

NAVAIDS

17 Aug 2017 No Major Changes.

AIRSPACE

17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

17 Aug 2017 No Major Changes.

MISCELLANEOUS

17 Aug 2017 No Major Changes.

MONTREAL SECTIONAL
97th Edition, 17 Aug 2017**OBSTRUCTIONS**

17 Aug 2017 No Major Changes.

AIRPORTS

17 Aug 2017 No Major Changes.

NAVAIDS

17 Aug 2017 No Major Changes.

AIRSPACE

17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

17 Aug 2017 No Major Changes.

MISCELLANEOUS

17 Aug 2017 No Major Changes.

NEW YORK HELICOPTER ROUTE CHART
11th Edition, 28 Apr 2016**OBSTRUCTIONS**

26 May 2016 No Major Changes.

21 Jul 2016 Add obst 819' MSL (521' AGL), 40°51'09"N, 73°58'01"W.

15 Sep 2016 – 10 Nov 2016 No Major Changes.

5 Jan 2017 Add obst 842' MSL (752' AGL) UC, 40°43'56"N, 74°03'39"W.

2 Mar 2017 Add obst 911' MSL (899' AGL) UC, 40°42'55"N, 74°02'06"W.

Add obst 347' MSL (340' AGL), 40°35'11"N, 73°57'12"W.

Add obst 333' MSL (325' AGL) UC, 40°33'30"N, 74°14'42"W.

27 Apr 2017 No Major Changes.

22 Jun 2017 Add obst 1305' MSL (1276' AGL) UC, 40°45'13"N, 74°00'02"W.

17 Aug 2017 Add obst 634' MSL (625' AGL) UC, 40°38'49"N, 74°04'40"W.

Add obst 1649' MSL (1569' AGL) UC, 40°45'59"N, 78°58'51"W.

AIRPORTS

26 May 2016 – 5 Jan 2017 No Major Changes.

2 Mar 2017 Delete HESS PLAZA heliport, 40°32'49"N, 74°17'45"W.

27 Apr 2017 No Major Changes.

22 Jun 2017 Delete MATHER heliport, 40°56'21"N, 73°03'16"W.

17 Aug 2017 No Major Changes.

NAVAIDS

26 May 2016 – 22 Jun 2017 No Major Changes.

17 Aug 2017 Shutdown BRIDGE NDB, 40°34'05"N, 73°52'59"W.

AIRSPACE

26 May 2016 – 17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

26 May 2016 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

26 May 2016 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

26 May 2016 – 27 Apr 2017 No Major Changes.

22 Jun 2017 Change MEF 1² to 1⁵ in quadrant 40°45' - 41°00'N, 74°00' - 74°15'W.

17 Aug 2017 Change MEF 1⁶ to 1⁸ in quadrant 40°45' - 41°00'N, 73°45' - 74°00'W.

NEW YORK SECTIONAL
95th Edition, 27 Apr 2017**OBSTRUCTIONS**

27 Apr 2017 No Major Changes.

22 Jun 2017 Change obst from 525' MSL (336' AGL) to 602' MSL (414' AGL), 41°36'52"N, 71°15'05"W.

17 Aug 2017 Add obst 634' MSL (625' AGL) UC, 40°38'49"N, 74°04'40"W.

Add obst 1649' MSL (1569' AGL) UC, 40°45'59"N, 73°58'51"W.

Add obst 749' MSL (275' AGL), 41°24'45"N, 74°26'16"W.

AIRPORTS

27 Apr 2017 No Major Changes.

22 Jun 2017 Add RP* to FREEHOLD arpt, 42°21'50"N, 74°03'54"W.

Add RP* to PLYMOUTH arpt, 43°46'42"N, 71°45'14"W.

Add RP* to STEWART INTL arpt, 41°30'15"N, 74°06'17"W.

17 Aug 2017 No Major Changes.

NAVAIDS

27 Apr 2017 No Major Changes.

22 Jun 2017 Delete ORANGE NDB, 42°34'07"N, 72°17'10"W.

17 Aug 2017 Shutdown BRIDGE NDB, 40°34'05"N, 73°52'59"W.

Change BINGHAMTON VORTAC to VOR-DME, 42°09'27"N, 76°08'11"W.

AIRSPACE

27 Apr 2017 No Major Changes.

22 Jun 2017 Revise Elmira, NY Class E Surface Area : That airspace extending upward from the surface within 1.8 miles each side of the 062° bearing from the airport extending from the 4.2-mile radius of Elmira/Corning Regional Airport to 8.6-miles northeast of the airport, within 1.8 miles each side of the 101° bearing from the airport extending from the 4.2-mile radius to 6 miles east of the airport, and within 1.8 miles each side of the 240° bearing from the airport extending from the 4.2-mile radius to 7 miles southwest of the airport, and within 1.8 miles each side of the 282° bearing from the airport extending from the 4.2-mile radius to 8 miles northwest of the airport.

17 Aug 2017 Change ALLENTOWN Class C freq from 397.9 to 351.8.

SPECIAL USE AIRSPACE

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

27 Apr 2017 – 22 Jun 2017 No Major Changes.

17 Aug 2017 Change MEF 1⁷ to 1⁸ in quadrant 40°30' - 41°00'N, 73°30' - 74°00'W.

NEW YORK TERMINAL AREA CHART
94th Edition, 27 Apr 2017**OBSTRUCTIONS**

27 Apr 2017 No Major Changes.

22 Jun 2017 Add obst 1305' MSL (1276' AGL) UC, 40°45'13"N, 74°00'02"W.

17 Aug 2017 Add obst 634' MSL (625' AGL) UC, 40°38'49"N, 74°04'40"W.

Add obst 1649' MSL (1569' AGL) UC, 40°45'59"N, 73°58'51"W.

AIRPORTS

27 Apr 2017 – 17 Aug 2017 No Major Changes.

NAVAIDS

27 Apr 2017 – 22 Jun 2017 No Major Changes.

17 Aug 2017 Shutdown BRIDGE NDB, 40°34'05"N, 73°52'59"W.

AIRSPACE

27 Apr 2017 – 17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

27 Apr 2017 – 17 Aug 2017 No Major Changes.

MISCELLANEOUS

27 Apr 2017 No Major Changes.

22 Jun 2017 Change MEF 1² to 1⁵ in quadrant 40°45' - 41°00'N, 74°00' - 74°15'W.

17 Aug 2017 Change MEF 1⁶ to 1⁸ in quadrant 40°45' - 41°00'N, 73°45' - 74°00'W.

PHILADELPHIA TERMINAL AREA CHART
86th Edition, 20 Jul 2017**OBSTRUCTIONS**

17 Aug 2017 No Major Changes.

AIRPORTS

17 Aug 2017 No Major Changes.

NAVAIDS

17 Aug 2017 No Major Changes.

AIRSPACE

17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

17 Aug 2017 No Major Changes.

MISCELLANEOUS

17 Aug 2017 No Major Changes.

PITTSBURGH TERMINAL AREA CHART
87th Edition, 30 Mar 2017

OBSTRUCTIONS

27 Apr 2017– 17 Aug 2017 No Major Changes.

AIRPORTS

27 Apr 2017– 17 Aug 2017 No Major Changes.

NAVAIDS

27 Apr 2017– 17 Aug 2017 No Major Changes.

AIRSPACE

27 Apr 2017– 22 Jun 2017 No Major Changes.

17 Aug 2017 Add FINLEYVILLE AIRPARK, PA Class E: That airspace extending upward from 700 feet above the surface within a 7.3-mile radius of Finleyville Airpark.

SPECIAL USE AIRSPACE

27 Apr 2017– 17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

27 Apr 2017– 17 Aug 2017 No Major Changes.

MISCELLANEOUS

27 Apr 2017– 17 Aug 2017 No Major Changes.

WASHINGTON SECTIONAL
102nd Edition, 20 Jul 2017

OBSTRUCTIONS

17 Aug 2017 No Major Changes.

AIRPORTS

17 Aug 2017 No Major Changes.

NAVAIDS

17 Aug 2017 No Major Changes.

AIRSPACE

17 Aug 2017 No Major Changes.

SPECIAL USE AIRSPACE

17 Aug 2017 No Major Changes.

MILITARY TRAINING ROUTES

17 Aug 2017 No Major Changes.

MISCELLANEOUS

17 Aug 2017 No Major Changes.

2017 U.S. & CANADIAN MILITARY AERIAL AIRCRAFT/PARACHUTE DEMONSTRATIONS

During CY 2017, the U.S. and Canadian Military Aerial Demonstration Teams (Thunderbirds, Blue Angels, Snowbirds, and Golden Knights) will be performing on the dates and locations listed below.

Pilots should expect Temporary Flight Restrictions (TFR) in accordance with 14 CFR Section 91.145, Management of Aircraft operations in the vicinity of aerial demonstrations and major sporting events. The dimensions and effective times of the TFRs may vary based upon the specific aerial demonstration event and will be issued via the U.S. NOTAM system. Pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding these airspace restrictions.

The currently scheduled 2017 aerial demonstration locations, subject to change without notice are:

DATE		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
June	24-25	Dayton, OH	Latrobe, PA	Latrobe, PA Point Lookout, MO	
July	1-2	Traverse City, MI	New Windsor, NY	Traverse City, MI Dubuque, IA	
	4			Elizabethtown, KY Fort Bragg, NC	
	8		Pensacola Beach, FL		
	8-9	Gary, IN		Gary, IN	
	15-16		Milwaukee, WI	Milwaukee, WI	
	22-23	Great Falls, MT	Idaho Falls, ID		
	26	Cheyenne, WY			
	29-30	Fairchild, WA	Oshkosh, WI	Bronx, NY	
August	5-6		Seattle, WA		
	19			Fort Bragg, NC	
	19-20	Selfridge ANG, MI	Chicago, IL	Chicago, IL	
	20			Long Pond, PA	
	23	Atlantic City, NJ		Atlantic City, NJ	
	25			Fuquay Varina, NC	
	26-27	Dover AFB, DE	Brunswick, ME		
September	2-3			Indianapolis, IN Cleveland, OH	
	2-4	Cleveland, OH	Ypsilanti, MI		
	9-10	Altus AFB, OK			
	13-14			JB Andrews, MD	
	14			Smithfield, NC	
	14-16			Columbus, OH	
	16			Fort Bragg, NC	
	16-17	JB Andrews, MD	NAS Oceana, VA	Reading, PA JB Andrews, MD	
	23-24	Colorado Springs, CO	MCAS Miramar, CA	MCAS Miramar, CA	
	30		Huntington Beach, CA	Danville, IL	Huntington Beach, CA
October	1		Huntington Beach, CA	Danville, IL	Huntington Beach, CA
	7-8	Minden, NV	San Francisco, CA	Minden, NV Washington, DC	San Francisco, CA
	14-15	Phoenix (Speedway), AZ		Punta Gorda, FL Peachtree City, GA	Boise, ID
	21-22	Houston, TX	Rome, GA		
	24-25			Fort Bragg, NC	
	28-29	Moody AFB, GA	Fort Worth, TX		
November	4-5	JB San Antonio Lackland Kelly, TX	NAS Jacksonville, FL	Lexington, KY Fayetteville, NC	
	10-11		NAS Pensacola, FL		
	11			Prairie View, TX	
	11-12	Nellis AFB, NV		Austin, TX	
	22-23			Hyattsville, MD	
December	9-10			Philadelphia, PA	

Note: Dates and locations are scheduled "show dates" only and do not reflect arrival or practice date TFR periods that may precede the specific aerial demonstration events listed above. Again, pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding any airspace restrictions.

SPACE LAUNCH ACTIVITY AREAS

The following tabulation lists all of the space launch activity areas where federally licensed or permitted commercial space transportation operations occur. A space launch activity area is an area where hazardous operations might occur and are depicted on the appropriate visual charts for pilot awareness. The exact location and size of the hazard area and effective time of operation vary—NOTAMs are issued for the space launch activity area prior to every federally licensed or permitted launch or reentry activity. Note that in the description section, some space launch activity areas do not have any licensed or permitted operations, while others

NE, 17 AUG 2017 to 12 OCT 2017

only have vertical launches from launch pads and some have horizontal launches from runways. In order to remain clear of the hazard area when the area is operational, it is necessary to check NOTAMS for the specific space launch activity area prior to flight to determine the exact location and size of the hazard area and time of the activity. The appropriate facilities for obtaining NOTAMS for each space launch activity area are listed in the table.

Please note that only space launch activity areas where 14 CFR Part 400 commercial space transportation operations occur are denoted in this list. Although Part 101 amateur rocket operations may occur at the space launch activity areas noted in this list, Part 101 amateur rocket launches may also occur elsewhere in the United States and are not indicated below.

State	Name	Co-located Airport	Nearest Airport (if not co-located)	Distance from Nearest Airport	Direction from Nearest Airport	Latitude	Longitude	Description	Check for NOTAMS
AK	Pacific Spaceport Complex Alaska		PADQ	20	S	57°26'6.49"N	152°20'21.66"W	Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads approximately 20nm south of PADQ.	ZAN or PAZA
CA	California Spaceport at Vandenberg AFB	VBG				34°38'26.29"N	120°35'23.34"W	Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located as far south as 12 nm from KVBG airport.	KZLA, KVBG, KHHR
CA	Mojave Air & Spaceport	MHV				35°03'32.19"N	118°09'02.19"W	Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located north of runways. Horizontal launch and reentry activity are conducted from runways.	KMHV, KEDW, KZLA
FL	Cape Canaveral Area (Space Florida, Cape Canaveral Air Force Station, Shuttle Landing Facility, Kennedy Space Center)	XMR, TTS				28°28'2.42"N	80°33'58.94"W	Space launch and reentry operations are conducted at various times within the area. Vertical launch and reentry activities are conducted from launch pads located throughout the Cape Canaveral Area. Horizontal launch and reentry activities are not currently being conducted at the Shuttle Landing Facility (SLF).	KZMA
FL	Cecil Field Spaceport	VQQ				30°13'07.6"N	81°52'37.8"W	Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area.	KZJX, KVQQ, KZMA

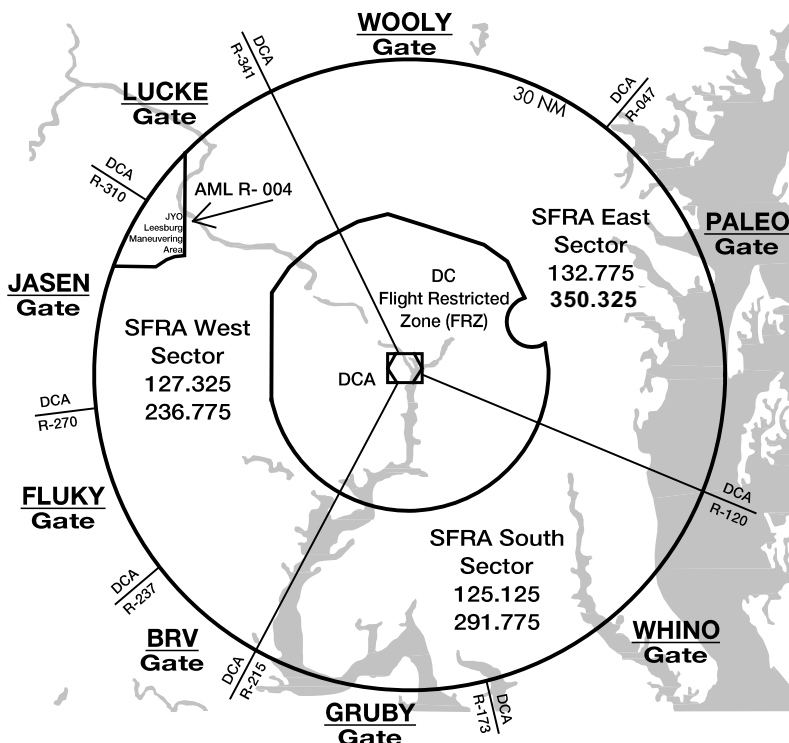
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State	Name	Co- Located Airport	Nearest Airport (if not co- located)	Distance from Nearest Airport	Direction from Nearest Airport	Latitude	Longitude	Description	Check for NOTAMS
NM	Spaceport America	9NM9				32°59'22.7"N	106°58'10.1"W	Space launch and reentry operations are conducted at various times within the area. Vertical launch and reentry activities are conducted from launch pads southeast of runway. Although horizontal launch and reentry activities are not currently being conducted at Spaceport America, a launch operator has approached the FAA with the intent to begin horizontal launch and reentry operations at Spaceport America in the future.	KZAB
OK	Oklahoma Spaceport	CSM				35°20'23.42"N	99°12'01.8"W	Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area.	KZFW, KCSM, KZKC
TX	Houston Spaceport	EFD				29°36'26"N	95°9'32"W	Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area.	KZHU, KEFD
TX	Midland Spaceport	MAF				31°56'33.1"N	102°12'06.9"W	Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area.	KMAF, KZFW
TX	SpaceX Rocket Development Facility		PWG	9	SW	31°23'33.66"N	97°27'46.25"W	Sub-orbital launch operations are conducted from the facility at various times.	KTPL, KZHU, KPWG, KZFW
TX	West Texas Launch Site		VHN	22	N	31°24'24.26"N	104°45'8.74"W	Sub-orbital space launch operations are conducted from the site at various times.	KZAB
VA	Mid-Atlantic Regional Spaceport at Wallops Flight Facility		WAL	5	S	37°51'2.13"N	75°28'15.93"W	Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located about 5 nm south of KWAL airport.	KZDC



Washington DC SFRA Special Terms and Procedures



Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
WOOLY (132.775)	R-341	R-044	I-270	I-95
PALEO (132.775)	R-045	R-119	I-95	Abeam Chesapeake Beach
WHINO (125.125)	R-120	R-172	Abeam Chesapeake Beach	Northern boundary Wicomico River
GRUBY (125.125)	R-173	R-214	Northern boundary Wicomico River	Western boundary Potomac River / Widewater Beach
BRV (127.325)	R-215	R-236	Western boundary Potomac River / Widewater Beach	West side of Lunga Reservoir
FLUKY (127.325)	R-237	R-269	West side of Lunga Reservoir	VA Route 29
JASEN (127.325)	R-270	R-309	VA Route 29	VA Route 7
LUCKE (127.325)	R-310	R-339	VA Route 7	I-270

General Information:

The DC SFRA is defined by a circle with a 30 NM radius off of the DCA VOR/DME. This airspace also includes the DC Flight Restricted Zone (DC FRZ) and the Leesburg Maneuvering Area (LMA). For additional airspace information check the NOTAMs for the latest information.

Gates are defined by existing intersections in the National Airspace System. It is not a requirement to fly to an intersection prior to entering, departing, or transitioning the DC SFRA. Prior to turning on course pilots should ensure they are well clear of the DC SFRA to avoid a pilot deviation.

ATC Terms Specific to the DC SFRA:

DC SFRA Flight Plan: A flight plan filed for the sole purpose of complying with the requirements for VFR operations into, out of, and through the DC SFRA. This flight plan is separate and distinct from a standard VFR flight plan, and does not include search and rescue services.

Fringe Airports: The following airports located near the outer boundary of the DC SFRA are identified as Fringe Airports: Barnes (MD47), Flying M Farms (MD77), Mountain Road (MD43), Robinson (MD14), and Skyview (51VA).

Security Services: Identification, communications and security tracking provided by an ATC facility in support of DOD, or other security elements. *NOTE: Security services do not include basic radar services or any other ATC services.*

Remain on the assigned code until you land: Used when Potomac hands an inbound VFR flight off to the tower or authorizes change to advisory frequency for non towered airports. It reminds pilots to remain on the assigned discrete transponder code until after landing. ***NEVER squawk 1200 inside the DC SFRA.***

Transponder observed: Used to inform a pilot that the aircraft's assigned beacon code and position has been observed. This transmission does *not* imply ATC services. It conveys only that the transponder reply has been observed and its position correlated for movement through security airspace.

Procedures for Traffic Pattern Work:

Towered Airport: Request pattern work from tower; squawk 1234, remain in two-way communication with tower.

Non-Towered Airport: File DC SFRA flight plan; obtain and squawk discrete transponder code from Potomac, communicate pattern position via published CTAF, and if able monitor VHF guard on 121.5 or UHF guard on 243.0

Emergency Procedures:

Transponder failure: An aircraft unable to transmit the ATC-assigned transponder code must contact ATC and comply with all instructions. If unable to contact ATC, the

aircraft must exit the DC SFRA by the most direct lateral route unless: the departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route.

Communications failure: An aircraft unable to communicate with ATC should squawk 7600 and exit the DC SFRA/FRZ by the most direct lateral route unless; 1: The departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route. 2: If the departure point is within the FRZ and the aircraft is within 5nm of the departure point, the pilot may return to the departure point by the most direct route. Otherwise, the pilot must exit the FRZ via the most direct route.

Intercepts: Review interception procedures in the AIM. If you are intercepted, follow all instructions given by the intercepting aircraft. Monitor 121.5, provide call sign /position, and squawk 7700 unless otherwise directed.

Washington DC SFRA Standard Requirements

Requirements to operate to/from, or within the DC SFRA

1. Complete the training requirements at <http://www.faaafety.gov> for VFR aircraft operations.

- Training is noted by a completion certificate generated at the end of the training course. It is recommended that pilots carry a copy of this certificate with them.
- This training is mandatory for pilots within a 60NM radius of the DCA VOR/DME and recommended for pilots within a 100NM radius of the DCA VOR/DME.

2. Two-way radio

3. Operating transponder with altitude reporting (Mode C)

4. Flight plan appropriate for the intended operations:

IFR: IFR flight plan

VFR: DC SFRA flight plan for all operations, *except:*

- Fringe airport egress (*no flight plan required*)
- Leesburg Entry and Egress (*no flight plan required*)
- Towered airport pattern work (*make request to tower*)

5. Discrete transponder code for all operations, *except:*

- Leesburg (1226)
- Fringe airport egress (1205)
- Towered airport pattern work (1234)

6. VFR speed restriction (≤ 180 KIAS in DC SFRA, & ≤ 230 KIAS from 30 NM - 60 NM from the DCA VOR/DME unless otherwise authorized.)
7. Communication with ATC for all operations, *except*:
 - Leesburg (JYO) egress/ingress: make CTAF calls
 - Fringe airport egress: monitor guard if able
 - Towered airport pattern work: talk to tower
 - Non-towered airport pattern work:
 - Make CTAF calls and monitor Guard if able.
8. To enter or exit the DC SFRA under IFR, pilots must:
 - File and activate their IFR flight plan before entering the DC SFRA.
 - Pilots may **not** depart VFR and pick up an IFR clearance and transponder code in the air.

Activate: A DC SFRA flight plan to enter/exit the DC SFRA under VFR activates when the pilot obtains a discrete transponder code *except*:

- Leesburg (JYO) ingress/egress: with CTAF calls
- Fringe airport egress: when pilot squawks 1205
- Towered airport pattern: with squawk & talk
- Non-towered airport pattern: with CTAF calls

Closing: The DC SFRA flight plan closes when the aircraft exits or lands at an airport inside the DC SFRA.

Potomac TRACON Telephone Numbers

Area Name	Nearest major airport)	Telephone
Shenandoah	Dulles (IAD)	1-866-709-4993 1-540-349-4097
Mount Vernon	Reagan National (DCA) Andrews AFB (ADW)	1-866-599-3874 1-540-349-0493
Chesapeake	Baltimore (BWI)	1-866-429-5882 1-540-349-8478
James River	Richmond (RIC) Charlottesville (CHO)	1-866-640-4124 1-540-349-9697

Washington DC SFRA VFR Outbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information.
- File a DC SFRA flight plan.
Suggested language: “I would like to file a DC SFRA flight plan for VFR flight from (departure airport) to (appropriate exit gate)”.
- If desired, file separate a VFR flight plan (search and rescue), to be activated after departing the DC SFRA.

Step 2: Pre-Takeoff – Activate DC SFRA Flight Plan

- Call ATC (tower, RCO, phone) for frequency & transponder code.
Suggested language: “Potomac Clearance, (call sign) at Tipton, VFR Departure.”
- Set assigned departure frequency and transponder code. **NEVER squawk 1200 inside the DC SFRA.**
- Verify that Mode C (ALT) is ON.

Aircraft operating at Leesburg (JYO):

Egress with transponder code of 1226 and CTAF calls.
See separate NOTAM for Leesburg.

Fringe airport egress:

Monitor VHF frequency 121.5 or UHF frequency 243.0

Step 3: After Takeoff – Communicate with ATC

- Establish radio contact with Potomac TRACON
Suggested language: “Potomac Departure, (call sign), off Tipton”
- Monitor the assigned frequency
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Exiting – Close DC SFRA Flight Plan

- Remain on the assigned frequency / transponder code until ATC authorizes change. NOTE: Verify that you are clear of the DC SFRA prior to changing frequency or transponder code. **NEVER squawk 1200 inside the DC SFRA.** A DC SFRA flight plan closes automatically upon exiting the DC SFRA.

Washington DC SFRA VFR Inbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information
- File a DC SFRA flight plan.

Suggested language: “I would like to file a DC SFRA flight plan for VFR flight from (appropriate entry gate) to (destination airport).”

Step 2: Before Entry – Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplement Northeast.

Suggested language: “Potomac Approach, (call sign) at (arrival gate), VFR, requesting SFRA transponder code to (destination airport).”

Aircraft operating at Leesburg (JYO):

Enter with transponder code of 1226 and CTAF calls.
See separate NOTAM for Leesburg.

- Set assigned transponder code. **NEVER squawk 1200 inside the DC SFRA.**
- Verify that Mode C (ALT) is ON.
- Continue inbound unless otherwise instructed.
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 3: After Entry – Maintain Communication with ATC

- Monitor Potomac Approach
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Arriving – Close DC SFRA Flight Plan

- Change to tower / advisory frequency when so instructed.
- Remain on assigned transponder code until you land. **NEVER squawk 1200 in the DC SFRA.**
- DC SFRA flight plan closes upon landing.

Washington DC SFRA VFR Transitioning Procedures

Step 1: Preflight - File a DC SFRA Flight Plan.

- Always review NOTAMS for current TFR information. TFRs can pop-up at any time in this area.
- File a DC SFRA flight plan listing the entry and departure gate information.
- Put the approximate time you expect to arrive at the entry gate.

Suggested language: “I would like to file a DC SFRA flight plan for a VFR flight from (Entry gate) to (Departure gate).”

Step 2: Before Entry: Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplement Northeast.

Suggested language: “Potomac Approach, (Call Sign), (state location), 10 west of the LUCKE gate requesting a discrete transponder code for transiting the DC SFRA.”

- Set the assigned transponder code and verify MODE C/ALT is ON. **NEVER squawk 1200 inside the DC SFRA.**
- Potomac Approach will notify you when the transponder has been observed and when you are able to proceed on course into the DC SFRA.
- Remain clear of the Class B airspace unless explicitly cleared to enter.

Step 3: After Entry: Communicate with ATC

- Maintain communication with Potomac Approach on the assigned frequency.
- Remain clear of the Class B airspace unless explicitly cleared to enter.
- Remain clear of the DC Flight Restricted Zone (FRZ) unless you comply with the requirements for DC FRZ entry.
- Monitor 121.5/243.0 if equipped and able.

Step 4: Exiting the DC SFRA

- Remain on your assigned frequency and transponder code until ATC authorizes you to change.
- DC SFRA flight plans close automatically upon exiting the airspace.
- **NEVER squawk 1200 inside of the DC SFRA.** Ensure you are well clear of the boundaries prior to squawking VFR.

Washington DC Flight Restricted Zone (FRZ) Standard Requirements

Unless specifically authorized by a waiver, flight operations under 14 CFR parts 91, 101, 103, 105, 125, 133, & 137 are prohibited in the DC FRZ.

VFR pilots should think of the DC FRZ as a “no-fly” area.

1. Before departing from an airport within the DC FRZ, or before entering the DC FRZ, all pilots must:
 - File a DC FRZ flight plan with Flight Service at 866-225-7410. The initiator/pilot must identify themselves and use the confidential; pilot identification code or their waiver number. Pilots may **not** file a DC FRZ flight plan while airborne.
 - Obtain and continuously transmit the discrete transponder code assigned by an ATC facility.
2. A DC FRZ flight plan will meet the requirements for a DC SFRA flight plan, but the reverse is not true. A DC SFRA flight plan will not fulfill the requirements for VFR operations in the DC FRZ.
3. When operating an aircraft in the DC FRZ, pilots must continuously monitor VHF frequency 121.5 or UHF frequency 243.0.
4. Operations into or out of College Park Airport (CGS), Potomac Airfield (VKX), or Washington Executive / Hyde Airfield (W32) must meet the requirements of §93.343 and any applicable NOTAMS.

EASTON, MARYLAND NOISE ABATEMENT PROCEDURE

When Easton Airport Traffic Control Tower is closed:

Departure RWY 22: Right turn and avoid overflight of Town of Easton. Departure RWY 04: Left turn at end of RWY to parallel HWY 50 until past mobile home park.

No intersection take offs. VFR Arrivals: Report the Miles River bridge, 2.7 miles southwest of the airport at 2000' MSL for sequence to all RWYS. Contact 410-770-8055.

WEST ATLANTIC ROUTE SYSTEM (WATRS)

Effective immediately, all operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS Routes L453, L454, L455, L456, L457, L459, L461, and L462, shall file and plan the following routing.

SOUTHBOUND
**SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM
NEW YORK METROPOLITAN AREA**

All operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall file and plan the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (SOUTHBOUND ONLY)
For L453;	...LINND-AZEZU-L453...
For L453 VIA B24;	...B24-AZEZU-L453...
For L454;	...LINND-ROLLE-ATUGI-L454...
For L454 VIA B24;	...B24-WEBBB-ROLLE-ATUGI-L454...
For L455;	...LINND-RESQU-UMEDA-L455...
For L455 VIA B24;	...B24-WEBBB-RESQU-UMEDA-L455...
For L456;	...LINND-SQUAD-DARUX-L456...
For L456 VIA B24;	...B24-WEBBB-RESQU-DARUX-L456...
For L457;	...LINND-RESQU-UMEDA-L457...
For L457 VIA B24;	...B24-WEBBB-RESQU-UMEDA-L457...
For L459;	...LINND-SQUAD-DARUX-L459...
For L459 VIA B24;	...B24-WEBBB-RESQU-DARUX-L459...
For L461;	...LINND-KINGG-KINER-L461...
For L462;	...LINND-KAYYT-L462...
For L462 VIA ACK;	...ACK-J97-LACKS-KAYYT-L462...

EASTBOUND
TRANSITION TO NEW YORK OCEANIC CTA/FIR
VIA: ORF AR9 ZIBUT

All operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic MNPS airspace, are encouraged to flight plan via:

ZIBUT direct **LARGE** direct SLATN or JOBOC or DOVEY

Operators opting to flight plan via any other fix or latitude/longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non-radar traffic.

NOTE—This route may be filed bi-directionally

NORTH SHORE HELICOPTER ROUTE
Long Island, New York

Effective August 6, 2012 UFN, civil helicopter pilots operating VFR along Long Island, New York's northern shoreline between the VPLYD waypoint and Orient Point, must utilize the North Shore Helicopter route and altitude, as published. Deviations are permitted for safety, weather conditions, or transitioning to or from a destination or point of landing. For a detailed explanation of the requirement, see 14 CFR part 93, subpart H.

**NORTHBOUND
NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO
NEW YORK METROPOLITAN AREA**

All northbound operators exiting New York Center's West Atlantic Route System (WATRS) on routes L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following transition routes to join domestic routing:

ATS ROUTE	WATRS EXIT ROUTING (NORTHBOUND ONLY)
From L453;	...AZEZU-BERGH...
From L454;	...OKONU-L454-BERGH...
From L454 TO B24;	...OKONU-L454-WEBBB-B24...
From L455;	...SAVIK-L455-BERGH...
From L455 TO B24;	...SAVIK-AZEZU-B24...
From L456;	...MARIG-BERGH...
From L457;	...OKONU-L457-BERGH...
From L457 TO B24;	...OKONU-L457-WEBBB-B24...
From L459;	...SAVIK-L459-BERGH...
From L459 TO B24;	...SAVIK-AZEZU-B24...
From L461;	...MARIG-BERGH...
From L462;	...KAYYT-BERGH... or KAYYT-LACKS-ACK...

WAKE TURBULENCE FOR INTERSECTION DEPARTURES

Teterboro Airport (TEB)

Teterboro, New Jersey

Teterboro Airport Traffic Control Tower has been granted a waiver to the guidelines that require a 3-minute interval for a small aircraft departing from an intersection behind a preceding departing large aircraft. This waiver authorizes the tower to depart small aircraft from the intersection of RWY 01 and Twy Kilo without requiring a 3-minute interval behind a preceding large aircraft that departs from the end of the runway.

AEROBATIC PRACTICE AREA

Roxbury, Connecticut

Aerobatic practice area will be conducted between the altitudes of 2500 ft and 4500 ft MSL and performed within an approximate 2 mile radius of a point defined from the CARMEL VOR/DME (CMK) as the 052 degree radial/21.9 GPS-DME fix. It is 8 NM NW of the Oxford, CT airport (OXG).

SEARCH LIGHT DEMONSTRATION

Baltimore, Maryland

Downtown, at the Inner Harbor

Each evening, seven days per week

A vertical search light beam demonstration will be conducted at the Pier V Hotel, at Baltimore Inner Harbor, Baltimore, Maryland, BAL 028/7. Lat N39°17'24", Long W76°36'27". Search light beams are being radiated from the SFC upward. Flashblindness or cockpit illumination may occur at several miles distance. The Leesburg Automated Flight Service Station, 1-703-771-3696 is the FAA coordination facility.

Laser Light Activity

Canobie Lake Water Park, Salem, New Hampshire

Laser light shows are being conducted at the Canobie Lake Water Park in Salem, NH. Show orientation and laserbeam projections will be directed in all 360° directions. Laser light beams may be injurious to pilot's/passenger's eyes within 3,000 feet laterally of the light source and surface to 1,650 feet AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The laser will be stationed at N42°47'32"/W071°14'44" (LWM 310/7.4 DME). Manchester ATCT 1-603-666-7591 will be the coordination facility.

LASER LIGHT DEMONSTRATION

Atlantic City, New Jersey

Laser light demonstrations are being conducted at the Atlantic Park, downtown Atlantic City, New Jersey, 0001-0700 UTC, ACY VORTAC 145/8.5. Approximately: 39°21'31"N/74°26'15"W. Laser light beam may be injurious to pilots/passengers eyes within 100 feet above ground, 100 feet AMSL, 900 feet laterally of the light source. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The Atlantic City ATCT, 609-641-3940, is the coordination facility.

LASER LIGHT DEMONSTRATION
Darien Lake Theme Park, Darien Center, New York

Laser light demonstrations are being conducted at the Darien Lake Theme Park, Darien Center, NY. The show orientation and laser beam projection are directed to the southern half of a circle from this site. Buffalo VOR/DME 100R/12NM. (42°56'04"N/78°23'30"W). Laser light beams may be injurious to pilot's/passenger's eyes within 2,800 feet of the light source, 1,600 feet above ground level. The secondary effect of flash blindness or cockpit illumination may occur beyond these distances. The Buffalo ATCT, 716-633-0664 is the FAA coordination facility.

LASER LIGHT DEMONSTRATIONS
DORNEY THEME PARK, DORNEYVILLE, PENNSYLVANIA

Laser light demonstrations are being conducted at the Dorney Theme Park, northwest of Dorneyville, PA. Show orientation and laserbeam projections directed to the southern quadrant from FJC 210D/10DME (N40°34'47"W/75°32'06"). Laser light beams may be injurious to pilot's/passenger's eyes within 2000 ft laterally of the light source, 500 ft AGL, 1100 ft AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. Allentown ATCT, 1-610-264-4539 is the FAA coordination facility.

MODEL AIRCRAFT ACTIVITY, HARFORD COUNTY MARYLAND

Radio controlled model aircraft operating to 800 feet AGL vicinity of N39°37'30" W76°18'35" in Harford County, Maryland.

UNMANNED AIRCRAFT SYSTEMS (UAS) ACTIVITY
OVER CRITICAL INFRASTRUCTURE

Unmanned Aircraft Systems (UAS), also referred to as "drones," are exhibiting a greatly increased operational presence in the NAS. While the military typically conducts UAS operations within restricted or other special use airspace, or at very high altitudes, civil UAS may be encountered by manned aircraft at any altitude, although they will primarily be operating below 400 feet AGL.

Pilots should be especially vigilant for UAS when flying at lower altitudes near critical infrastructure areas, to include railroads, high-voltage power transmission lines, pipelines, stacks, and towers. UAS may be approved to conduct inspection flights in and around these areas, and may be operating at altitudes within controlled airspace. As is the case with other UAS operations, specific UAS infrastructure flight operating hours and areas may or may not be annotated on VFR aeronautical charts or in other publications. Pilots planning to fly at low altitudes or in uncontrolled airspace should consult Flight Service for current information on UAS operations.

UNMANNED AIRCRAFT SYSTEMS (UAS) OPERATIONS
IN QUEEN ANNE'S COUNTY MARYLAND

Unmanned Aircraft Systems activity within Queen Anne's County Maryland. Pilots flying within Queen Anne's County should be alert for unmanned aircraft systems operating at or below 400 feet Above the Ground (AGL) inclusive.

INTERSECTION DEPARTURES DURING PERIODS OF DARKNESS
GENERAL EDWARD LAWRENCE LOGAN INTERNATIONAL AIRPORT (KBOS)
BOSTON, MASSACHUSETTS

Boston Logan International Airport Traffic Control Tower has been granted approval for the use of Line Up and Wait (LUAW) at a specific intersection, between sunset and sunrise. The authorization is valid only for the following intersection:

Runway 04R at Taxiway C.
Runway 15R at Taxiway N.
Runway 22L at Taxiway C.

Aircraft will not be allowed to "Line Up and Wait" (LUAW) when this intersection is not visible from the control tower. When the provisions of this authorization are being utilized, the associated runway will be utilized for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise, however, the aircraft cannot be instructed to LUAW prior to takeoff clearance.

INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY

Newark International Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into "Line Up and Wait" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into "Line Up and Wait" during period of darkness, at the intersections listed below.

Runway 22R at Taxiway Whiskey
Runway 22L at Taxiway Whiskey
Runway 29 at Taxiway Romeo
Runway 22R at Taxiway Yankee (when Runway 29 is the arrival runway)

Aircraft shall not "Line Up and Wait" under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxiied into "Line Up and Wait" prior to takeoff clearance.

**WAKE TURBULENCE RE-CATERGORIZATION
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY**

Newark Tower is authorized to utilize Wake Turbulence Re-Categorization for air traffic control services.

**MULTIPLE RUNWAY CROSSINGS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY**

Newark International Airport (EWR) Traffic Control Tower (ATCT) has been authorized to issue multiple runway crossings at the following locations:

- (1) Taxiway "K" crossing RWY 4L/22R and RWY 4R/22L.
 - (2) Taxiway "M" crossing RWY 4L/22R and RWY 4R/22L.
 - (3) Taxiway "Z" crossing RWY 4L/22R and RWY 4R/22L.
 - (4) Taxiway "P" crossing RWY 11/29 to join taxiway "Z" crossing RWY 4L/22R.
 - (5) Taxiway "R" crossing RWY 11/29 to join taxiway "Z" crossing RWY 4L/22R.
-

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
JOHN F KENNEDY INTERNATIONAL AIRPORT (JFK)
NEW YORK, NEW YORK**

Kennedy Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into "position and hold" during period of darkness, at the intersections listed below.

Runway 13R at Taxiway Papa Delta
Runway 13R at Taxiway Papa Echo
Runway 22R at Taxiway Charlie
Runway 22R at Taxiway Foxtrot
Runway 22R at Taxiway Yankee Alpha
Runway 31L at Taxiway Kilo Echo
Runway 31R at Taxiway Zulu Alpha

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
PITTSBURGH INTERNATIONAL AIRPORT (PIT)
PITTSBURGH, PENNSYLVANIA**

Pittsburgh Tower is authorized to taxi aircraft to line up and wait (LUAW) on Runway 28L at the intersection of Taxiway P during the hours of darkness. While conducting the LUAW operation, Runway 28L must be used only for departures and the intersection must be visible from the tower.

**INTERSECTING RUNWAY OPERATIONS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY**

Newark Liberty International (EWR) Airport Traffic Control Tower (ATCT) has been authorized to conduct intersecting runway operations to Runway 29 and Runway 04R whereby an aircraft arriving Runway 29 shall be through the intersection of Runway 04R prior to the arriving aircraft on Runway 04R reaching a point no closer than 5,000 feet from the intersection of both runways.

**INTERSECTING RUNWAY OPERATIONS
PHILADELPHIA INTERNATIONAL AIRPORT (PHL)
PHILADELPHIA, PENNSYLVANIA**

Philadelphia International Airport Control Tower has been granted a waiver that authorizes air traffic personnel to conduct simultaneous ILS approaches to Runway 26 while aircraft simultaneously depart Runway 27R.

LAND AND HOLD SHORT LIGHTS (for LAHSO) BOSTON—LOGAN AIRPORT, MASSACHUSETTS

Land and Hold Short lights have been installed on four runways at Boston—Logan Airport (BOS). These in-pavement lighting systems will remain on/flashing whenever LAHSO is expected to be conducted to that particular runway. Flight crews should also expect to see these lights on/flashing even when authorized the full length of the runway for landing, or when utilizing that runway for departure.

Land and Hold Short lights have been installed at the following locations:

Runway 22L (Short of Runway 27/09)
Runway 4L (Short of Runway 33R/15L)
Runway 27 (Short of Runway 22L/04R)
Runway 15R (Short of Runway 09/27)

LAND AND HOLD SHORT LIGHTS (LAHSO) BRADLEY INTERNATIONAL AIRPORT, WINDSOR LOCKS, CONNECTICUT

Land and Hold Short lights have been installed on two runways at Bradley International Airport (BDL).

These in-pavement lighting systems will remain on/flashing whenever LAHSO is expected to be conducted to that particular runway. Flight crews should also expect to see these lights on/flashing even when authorized the full length of the runway for landing, or when utilizing that runway for departure.

Land and Hold Short lights have been installed at the following locations:

Runway 24 (Short of Runway 15/33)
Runway 33 (Short of Runway 6/24)

CHARLESTON, WEST VIRGINIA

Mine blasting approximately 25 NM south and southeast of Charleston, West Virginia as follows:

Mine Blasting HVQ VORTAC 110° 25 DME to 400' AGL
 Mine Blasting HVQ VORTAC 189° 26 DME to 300' AGL

CAUTION—FISH SPOTTING ACTIVITY—CHESAPEAKE BAY AND COASTAL WATERS

Caution is advised for extensive fish spotter aircraft activity between May 1 and December 1 upwards from 1500 feet above the surface over the Chesapeake Bay and adjacent coastal waters. Pilots should be alert for this activity. For further information contact FAA/Norfolk ATCT on 1-757-460-5142.

BOSTON, MASSACHUSETTS

To avoid the concentration of aircraft arriving and departing Boston, pilots requesting IFR flight at and below altitudes 14,000 feet MSL should file for airways beyond 40 NM from Boston VORTAC between the hours of 0800-2100 local. Traffic to/from Maine and Cape may file V167.

BOURNE, MASSACHUSETTS

Aircraft operation below 2000 ft and within 3 miles of Pave Paws radar site located in Restricted Area 4101 may experience momentary erratic operation of cockpit instruments or navigational equipment. Pilots are encouraged to submit reports of such occurrences to nearest FAA Air Traffic Facility.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission.

Army Installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

CONTINUOUS POWER FACILITIES

In order to insure that a basic ATC system remains in operation despite an areawide or catastrophic commercial power failure, key equipment and certain airports have been designated to provide a network of facilities whose operational capability can be utilized independent of any commercial power supply.

In addition to those facilities comprising the basic ATC system, the following approach and lighting aids have been included in this program for a selected runway.

1. ILS (Localizer, Glide Slope, COMLO, Inner, Middle and Outer Markers)
2. Wind Measuring Capability
3. Approach Light System (ALS) or Short ALS (SALS)
4. Ceiling Measuring Capability
5. Touchdown Zone Lighting (TDZL)
6. Centerline Lighting (CL)
7. Runway Visual Range (RVR)
8. High Intensity Runway Lighting (HIRL)
9. Taxiway Lighting
10. Apron Light (Perimeter Only)

The following have been designated "Continuous Power Airports," and have independent back up capability for the equipment installed.

Airport/Ident	Runway No.	Airport/Ident	Runway No.
Albuquerque, NM (ABQ).....	08	Milwaukee, WI (MKE)	01L
Anchorage, AK (ANC).....	07R	Minneapolis, MN (MSP)	30L
Andrews AFB, MD (ADW)	01L	Nashville, TN (BNA).....	02L
Atlanta, GA (ATL)	09R	New Orleans, LA (MSY)	11
Baltimore, MD (BWI)	10	New York, NY (JFK)	04R
Bismarck, ND (BIS)	31	New York, NY (LGA).....	22
Boise, ID (BOI).....	10R	Newark, NJ (EWR)	04R
Boston, MA (BOS)	04R	Oklahoma City, OK (OKC)	35R
Charlotte, NC (CLT).....	36L	Omaha, NE (OMA).....	14R
Chicago, IL (ORD).....	28R	Ontario, CA (ONT).....	26L
Cincinnati, OH (CVG).....	36C	Philadelphia, PA (PHL).....	09R
Cleveland, OH (CLE)	06R	Phoenix, AZ (PHX).....	08
Dallas-Fort Worth, TX (DFW)	17C	Pittsburgh, PA (PIT)	10L
Denver, CO (DEN).....	35L	Reno, NV (RNO).....	16R
Des Moines, IA (DSM).....	31	Salt Lake City, UT (SLC)	34R
Detroit, MI (DTW).....	03R	San Antonio, TX (SAT)	12R
El Paso, TX (ELP)	22	San Diego, CA (SAN)	09
Fairbanks, AK (FAI)	02L	San Francisco, CA (SFO).....	28R
Great Falls, MT (GTF).....	03	San Juan, PR (SJU)	08
Honolulu, HI (HNL)	08L	Seattle, WA (SEA)	16C
Houston, TX (IAH)	26L	St. Louis, MO (STL)	30R
Indianapolis, IN (IND)	05L	Tampa, FL (TPA)	01L
Jacksonville, FL (JAX)	08	Tulsa, OK (TUL).....	36R
Kansas City, MO (MCI)	19R	Washington, DC (DCA)	01
Los Angeles, CA (LAX).....	24R	Washington, DC (IAD)	01R
Memphis, TN (MEM)	36L	Wichita, KS (ICT).....	01L
Miami, FL (MIA).....	08R		

NOTE—The existing CPA runway is listed. Pending and future changes at some locations will require a revised runway designation.

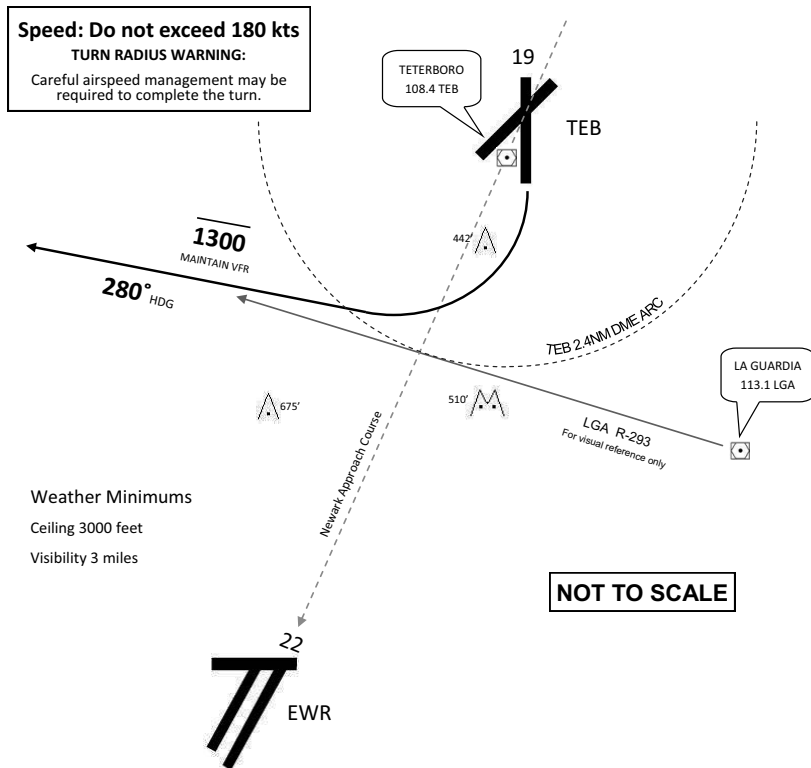
TERMINAL AREA GRAPHIC NOTICE

(Not to be used for navigation)

Teterboro (TEB) Airport Runway 19 Visual Departure Procedure with transition to an IFR clearance when Newark is landing Runway 22 and Teterboro is departing runway 19.

“DALTON 2 DEPARTURE PROCEDURE”

PILOTS SHOULD SPECIFICALLY REQUEST THIS PROCEDURE USING THE ABOVE NAME.



Procedure Instructions

After departure turn right heading **280°**. Maintain at or below **1300'**. Do not exceed **180 kts**. Complete the turn within TEB **2.4 NM** DME. Maintain VFR, if unable advise. Careful airspeed management may be required to complete the turn, depending on takeoff weight and/or aircraft performance.

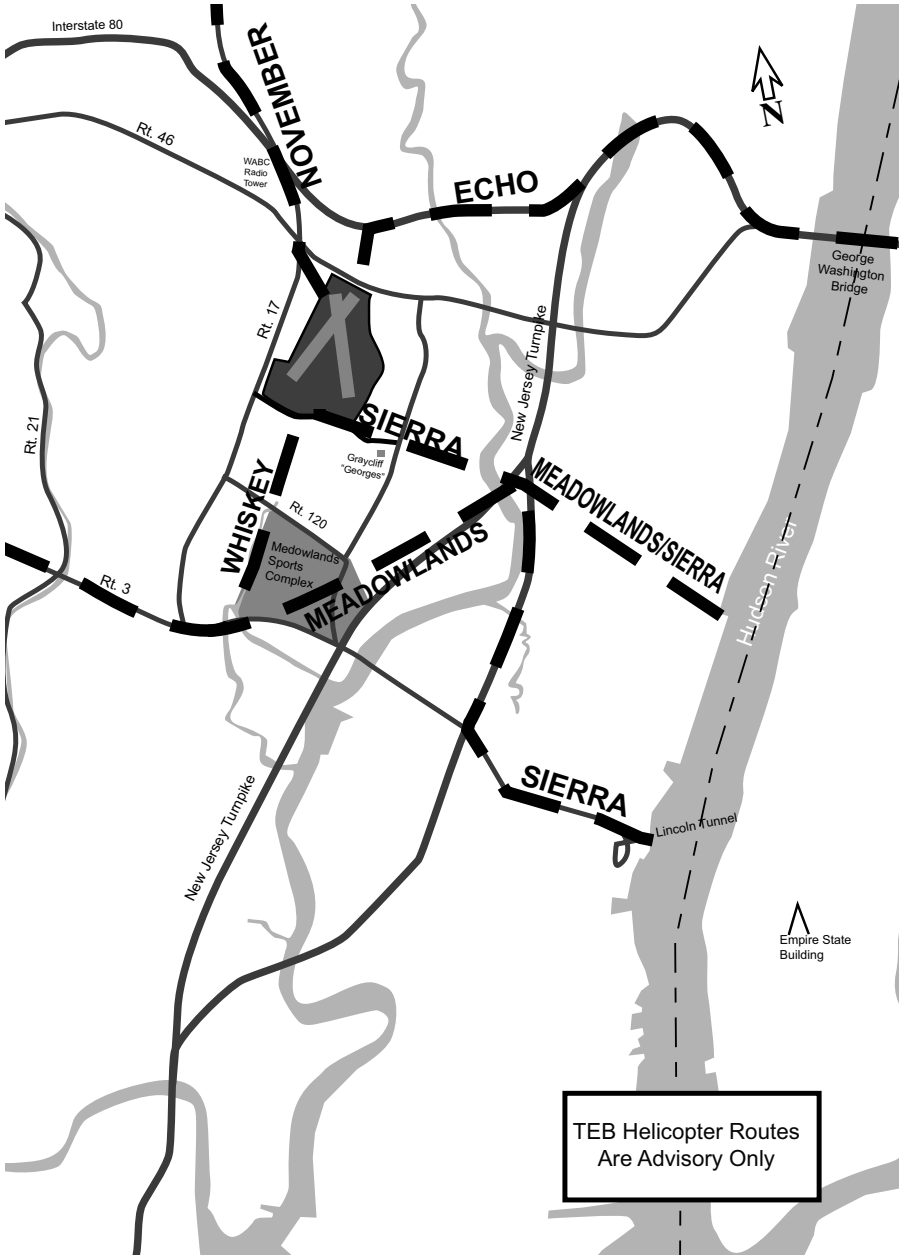
Expect a climb clearance west of the EWR ILS RWY 22 final approach course. The climb clearance constitutes IFR activation and pilots are expected to resume normal airspeed. Expect control instruction to a departure fix as described in the published TEB standard instrument departure.

In the event of lost communication prior to IFR activation, squawk 7600 and maintain VFR.

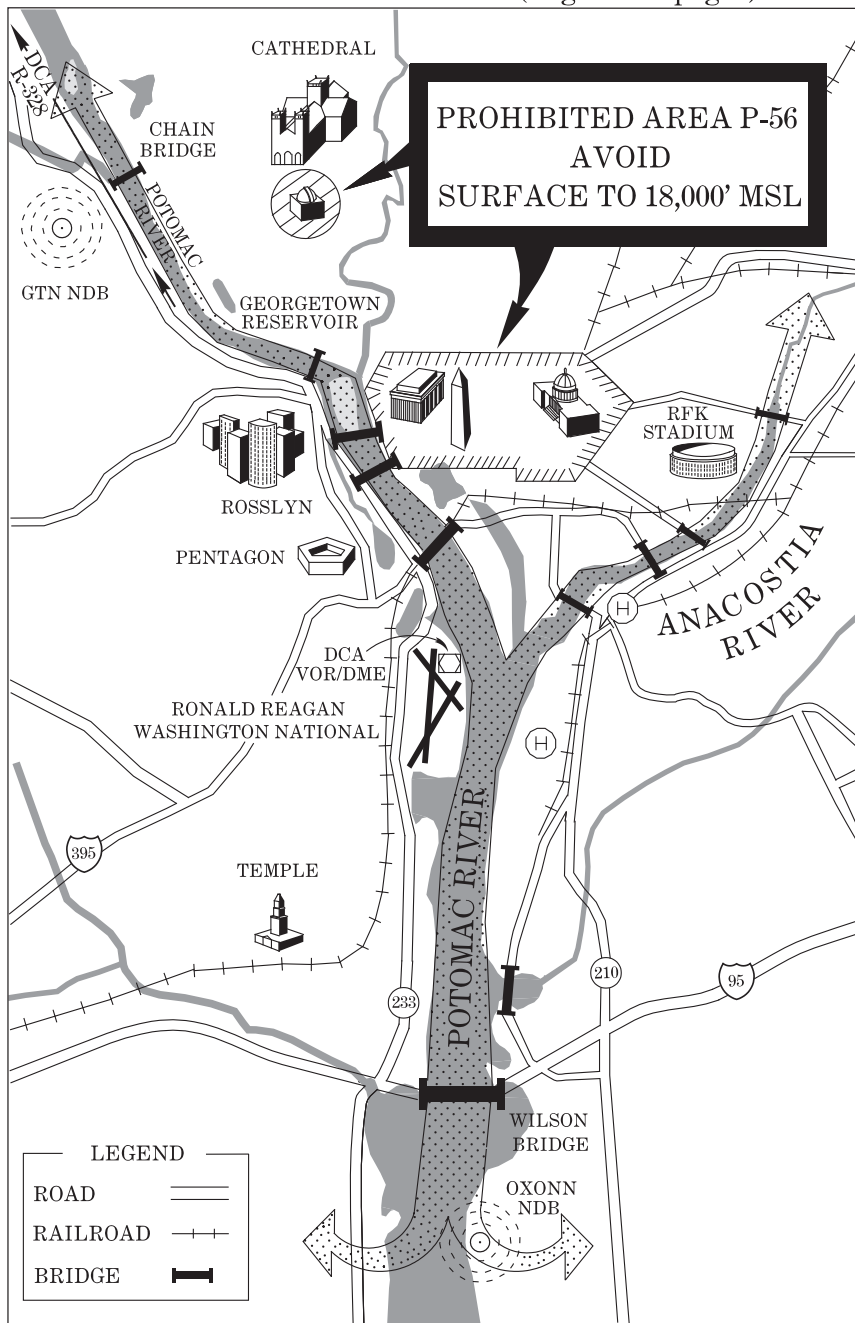
Aircraft unable to comply with the restrictions in this chart must advise tower prior to taxi and request the published standard instrument departure.

SPECIAL NOTICES

TETERBORO HELICOPTER ROUTES



RONALD REAGAN WASHINGTON NATIONAL AIRPORT NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES (Page 1 of 2 pages)



**RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES
(Page 2 of 2 pages)**

**P-56 BEGINS APPROXIMATELY 1.5 NM NORTH OF THE DEPARTURE END OF RUNWAY
01-SURFACE TO 18,000' MSL
REMAIN CLEAR OF P-56 AT ALL TIMES**

**EXPECT THE PUBLISHED RNAV DEPARTURE PROCEDURE OR ATC INSTRUCTIONS FOR THE
FOLLOWING NON-RNAV PROCEDURES**

NORTHWEST: Follow the Potomac River until abeam the Georgetown reservoir or the DCA 4 DME, then join the DCA 328 radial, expect radar vectors at 10 DME. A left turn as soon as practicable, especially with a west wind, is required to maintain a ground track over the Potomac River and **remain clear of P-56**. If unable to maintain visual reference to the Potomac River, join the DCA 328 radial.

NORTHEAST: Follow the Anacostia River to 5 DME. A right turn as soon as practicable, especially with an east wind, is required to maintain a ground track over the Anacostia River and **remain clear of P-56**. Expect Radar Vectors at 5 DME. If unable to maintain visual reference to the Anacostia River, then join the DCA 070 radial.

SOUTH: Follow the Potomac River to 5 DME, then expect radar vectors. If unable to maintain visual reference to the Potomac river, then join the DCA 185 radial.

ARRIVAL PROCEDURES

LANDING NORTH: Weather conditions 3000/4 or better, expect the Mount Vernon visual approach. Lower weather conditions, expect the advertised instrument approach.

LANDING SOUTH: Weather conditions 3500/3 or better, expect the River Visual Approach. Lower weather conditions, expect the advertised instrument approach.

NIGHTTIME NOISE LEVELS

From 2200 to 0700 local time, operation of aircraft type and model which exceed the following noise levels violate Metropolitan Washington Airport Authority Regulation (MWAR) 3.11:

DEPARTURES – 72 dBA as generated on takeoff.

ARRIVALS – 85 dBA as generated on approach, except that aircraft scheduled to arrive before 2200 will be permitted to land if they have received an approach clearance before 2230. Ref. MWAR 3.11 and Advisory Circular 36-3.

NIAGARA FALLS FLIGHT RESTRICTION AREA

Part 93—Special Air Traffic Rules; Subpart E—Flight Restrictions in the Vicinity of Niagara Falls, New York

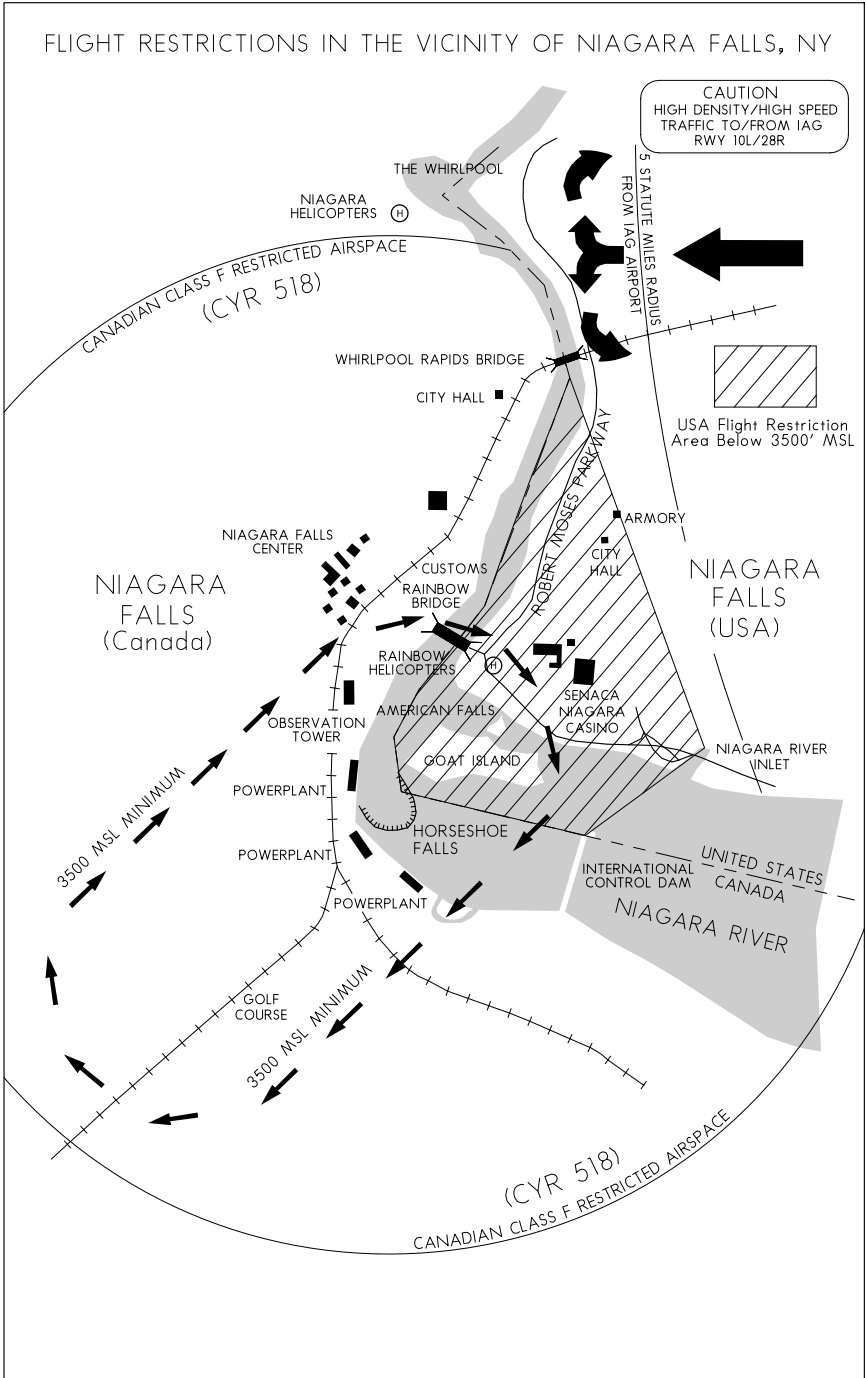
§93.71 General operating procedures

- (a) Flight restrictions are in effect below 3,500 feet MSL in the airspace above Niagara Falls, New York, west of a line from latitude 43°06'33"N., longitude 78°03'30"W. (the Whirlpool Rapids Bridge) to latitude 43°04'47"N., longitude 79°02'44"W. (the Niagara River Inlet) to latitude 43°04'29"N., longitude 79°03'30"W. (the International Control Dam) to the United States/Canadian Border and thence along the border to the point of origin.
- (b) No flight is authorized below 3,500 feet MSL in the area described in paragraph (a) of this section, except for aircraft operations conducted directly to or from an airport/heliport within the area, aircraft operating on an ATC-approved IFR flight plan, aircraft operating the Scenic Falls Route pursuant to approval of Transport Canada, aircraft carrying law enforcement officials, or aircraft carrying properly accredited news representatives for which a flight plan has been filed with Buffalo NY (BUF) Automated Flight Service Station (AFSS).
- (c) Check with Transport Canada for flight restrictions in Canadian airspace. Commercial air tour operations approved by Transport Canada will be conducting a north/south orbit of the Niagara Falls area below 3,500 feet MSL over the Niagara River.
- (d) The minimum altitude for VFR flight over the Scenic Falls area is 3,500 feet MSL.
- (e) Comply with the following procedures when conducting flight over the area described in paragraph (a) of this section:
 - (1) Fly a clockwise pattern;
 - (2) Do not proceed north of the Rainbow Bridge;
 - (3) Prior to joining the pattern, broadcast flight intentions on frequency 122.05 Mhz, giving altitude and position, and monitor the frequency while in the pattern;
 - (4) Use the Niagara Falls airport altimeter setting. Contact Niagara Falls Airport Traffic Control Tower to obtain the current altimeter setting, to facilitate the exchange of traffic advisories/restrictions, and to reduce the risk of midair collisions between aircraft operating in the vicinity of the Falls. If the Control Tower is closed, use the appropriate Automatic Terminal Information Service (ATIS) Frequency;
 - (5) Do not exceed 130 knots;
 - (6) Anticipate heavy congestion of VFR traffic at or above 3,500 feet MSL; and
 - (7) Use caution to avoid high-speed civil and military aircraft transiting the area to or from Niagara Falls Airport.
- (f) These procedures do not relieve pilots from the requirements of Sec. 91.113 of this chapter to see and avoid other aircraft.
- (g) Flight following, to and from the area, is available through Buffalo Approach.

CONTINUED ON NEXT PAGE

SPECIAL NOTICES
CONTINUED FROM PRECEDING PAGE

FLIGHT RESTRICTIONS IN THE VICINITY OF NIAGARA FALLS, NY



TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

**White Plains, New York
WESTCHESTER COUNTY AIRPORT NOISE ABATEMENT PROCEDURES**

Noise abatement procedures in effect at all times, contact 914-995-4861.

Airport located in noise sensitive area. Noise monitoring and positive aircraft and helicopter event identification in effect at all times.

High Range Noise Event program: Operators that cause noise levels at or above 93 dBA will be contacted.

Voluntary restraint from flying time period is from midnight to 6:30 am local time. Limit use of reverse thrust.

Run-ups: Must receive prior approval from airport operations. No aircraft with certificated maximum gross weight in excess of 120,000 lbs shall land or take off at the airport without prior permission of the Airport Manager.

For all aircraft above 12,500 lbs: Use SIDs and STARs for noise abatement, conditions permitting; utilize Sound Visual Approach to Runway 34; turn final for Runway 16 outside outer marker.

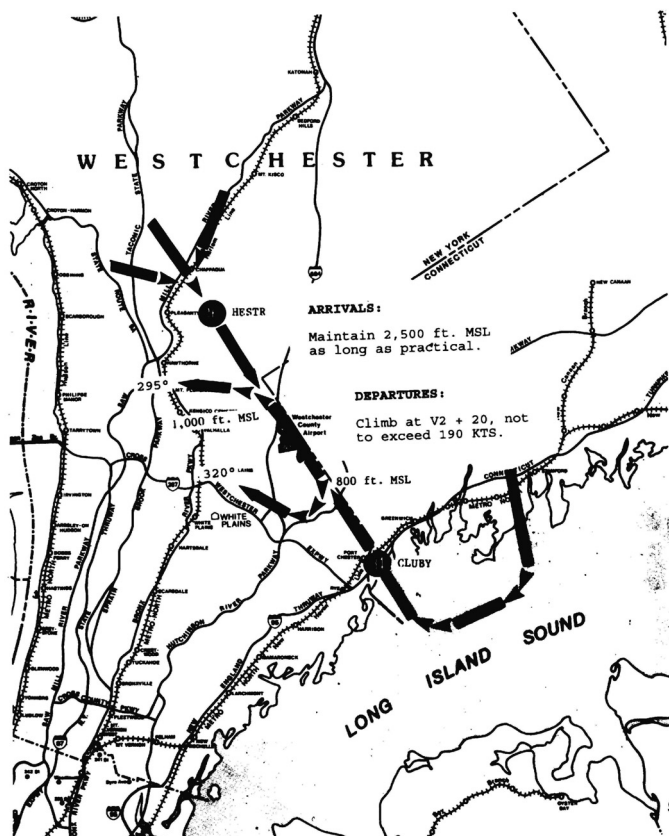
All runways: Utilize NBAA "standard" departure procedures, or AC91-53A "distant" noise abatement departure procedure.

Light aircraft: Runway 34 departures north and eastbound, fly over interstate until reaching 1,500 feet MSL, then on course.

Touch-and-go's: Runway 29 recommended traffic pattern in effect.

Helicopters: Use New York Helicopter Route Chart for noise abatement, fly routes at or above 2,000 ft MSL.

Copies of noise abatement procedures are available.



TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

Nantucket, Massachusetts
Nantucket Memorial Airport VFR Noise Abatement Procedures

Noise abatement procedures in effect at all times, contact (508) 325-7531. Additional detailed noise abatement procedures via internet at www.NantucketAirport.com/noise.htm.

ARRIVALS

CONTACT NANTUCKET TOWER (118.3) 15 MILES OUT FOR LANDING INSTRUCTIONS

SINGLE ENGINES - (Pattern speed 130 knots or less) Plan to overfly island high (2000'+ AGL). Expect L/R base landing Runway 30 or Runway 33 when x-winds are under 12 knots. Descend offshore for landing whenever possible.

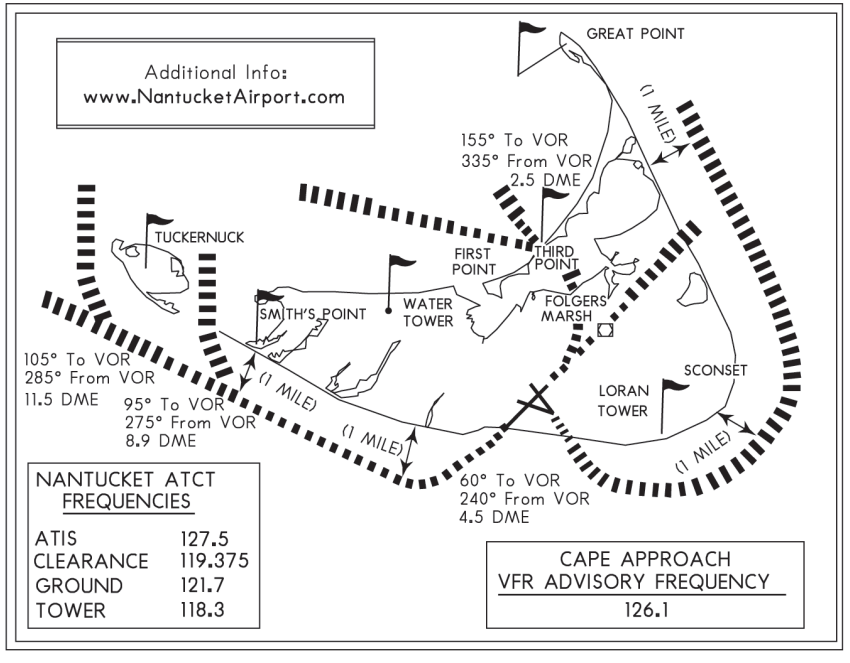
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

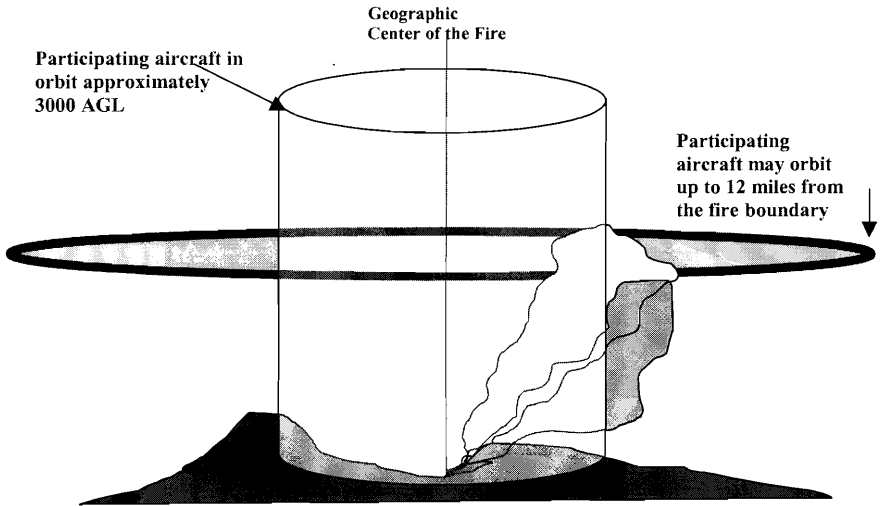
DEPARTURES

Make maximum use of over water departure routes, maintaining 1 mile offshore and avoid island crossings whenever possible.

GENERAL AVIATION/AIRLINE CORRIDORS



FIREFIGHTING TRAFFIC AREAS



Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, World Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93-1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at <http://www.faa.gov>. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e-CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll-free telephone number for accessing e-CVRS is 1-800-875-9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll-free areas may access e-CVRS by calling the toll number of 703-707-0568. The Internet web address for accessing the e-CVRS is <http://www.fly.faa.gov/ecvrs>. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904-4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high-density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904-4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e-CVRS.

**FSS
TELEPHONE NUMBERS**

Flight Service Station (FSS) facilities provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a network of large FSS facilities and a few select remote facilities some of which operate part-time. Because of the interconnectivity between the facilities, all FSS services including radio frequencies are available continuously using published data.

Telephone Information Briefing Service (TIBS) is a FSS service that provides continuous recordings of meteorological and/or aeronautical information. A touch-tone telephone is required to fully utilize this service.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings..... 1-800-WX-BRIEF (1-800-992-7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

TIBS (see description above) 1-877-4TIBS-WX (1-877-484-2799)
 Clearance Delivery Only 1-888-766-8267
 Lifeguard Flights Only 1-877-LIF-GRD3 (1-877-543-4733)
 Flights within DC SFRA & FRZ * 1-866-225-7410

* District of Columbia Special Flight Rules Area & Flight Restricted Zone

FAA TELEPHONE NUMBERS AND NWS KEY AIR TRAFFIC FACILITIES

Air Traffic Control System Command Center

Main Number..... 540-422-4100

RGNL AIR TRAFFIC DIVISIONS

REGION	TELEPHONE
Alaskan	907-271-5464
Central	816-329-2500
Eastern	718-553-4502
Great Lakes	847-294-7202
New England	404-305-6200
Northwest Mountain	425-227-2500
Southern	404-305-5500
Southwest	817-222-5500
Western Pacific	310-725-6500

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque	817-222-5006	7:30 a.m.-4:00 p.m.	505-856-4300
Anchorage	907-271-5936	7:30 a.m.-4:00 p.m.	907-269-1137
Atlanta	404-305-5180	7:30 a.m.-5:00 p.m.	770-210-7601
Boston	404-305-5156	7:30 a.m.-4:00 p.m.	603-879-6633
Chicago	817-222-5006	8:00 a.m.-4:00 p.m.	630-906-8221
Cleveland	817-222-5006	8:00 a.m.-4:00 p.m.	440-774-0310
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-651-4100
Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	817-858-7300
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-5300
Indianapolis	817-222-5006	8:00 a.m.-4:00 p.m.	317-247-2231
Jacksonville	404-305-5180	8:00 a.m.-4:30 p.m.	904-549-1501
Kansas City	817-222-5006	7:30 a.m.-4:00 p.m.	913-254-8500
Los Angeles	661-265-8200	7:30 a.m.-4:00 p.m.	661-265-8200
Memphis	404-305-5180	7:30 a.m.-4:00 p.m.	901-368-8103
Miami	404-305-5180	7:00 a.m.-3:30 p.m.	305-716-1500
Minneapolis	817-222-5006	8:00 a.m.-4:00 p.m.	651-463-5580
New York	718-995-5426	8:00 a.m.-4:40 p.m.	631-468-1001
Oakland	310-725-3300	6:30 a.m.-3:00 p.m.	510-745-3331
Salt Lake City	425-227-1389	7:30 a.m.-4:00 p.m.	801-320-2500
Seattle	425-227-1389	7:30 a.m.-4:00 p.m.	253-351-3500
Washington	718-995-5426	8:00 a.m.-4:30 p.m.	703-771-3401

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONS)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Chicago	817-222-5006	8:00 a.m.-4:00 p.m.	847-608-5509
Dallas-Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	972-615-2500
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1500
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-8400
New York	718-995-5426	8:00 a.m.-4:30 p.m.	516-683-2901
Northern CA	310-725-3300	7:00 a.m.-3:30 p.m.	916-366-4001
Potomac	718-995-5426	8:00 a.m.-4:30 p.m.	540-349-7500
Southern CA	310-725-3300	7:30 a.m.-4:00 p.m.	858-537-5800

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

**FAA TELEPHONE NUMBERS AND NWS
KEY AIR TRAFFIC FACILITIES**

439

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817-222-5006	8:00 a.m.-5:00 p.m.	505-842-4366
Andrews AFB, MD	718-995-5426	8:00 a.m.-4:30 p.m.	301-735-2380
Baltimore/Washington Intl Thurgood Marshall, MD	718-995-5426	8:00 a.m.-4:30 p.m.	410-962-3555
Boston Logan Intl, MA	404-305-5156	7:30 a.m.-4:00 p.m.	617-455-3100
Bradley Intl, CT	404-305-5156	7:30 a.m.-4:00 p.m.	203-627-3428
Burbank/Bob Hope, CA	310-725-3300	7:00 a.m.-5:30 p.m.	818-567-4806
Charlotte Douglas Intl, NC	404-305-5180	8:00 a.m.-4:30 p.m.	704-344-6487
Chicago Midway, IL	817-222-5006	8:00 a.m.-4:00 p.m.	773-884-3670
Chicago O'Hare Intl, IL	817-222-5006	8:00 a.m.-4:00 p.m.	773-601-7600
Cleveland Hopkins Intl, OH	817-222-5006	8:00 a.m.-4:00 p.m.	216-352-2000
Covington/Cincinnati, OH	708-294-7401	8:00 a.m.-4:30 p.m.	606-767-1006
Dallas-Ft. Worth Intl, TX	817-222-5006	8:30 a.m.-5:00 p.m.	972-615-2531
Dayton Cox Intl, OH	817-222-5006	7:30 a.m.-4:00 p.m.	937-454-7300
Denver Intl, CO	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1600
Detroit Metro, MI	817-222-5006	8:00 a.m.-4:00 p.m.	734-955-5000
Fairbanks Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-474-0050
Fort Lauderdale Intl, FL George Bush	404-305-5180	7:00 a.m.-3:30 p.m.	305-356-7932
Intercontinental/Houston, TX	817-222-5006	7:30 a.m.-4:00 p.m.	713-230-8400
Hartsfield-Jackson Atlanta Intl, GA	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Honolulu (Daniel K Inouye Intl), HI	310-725-3300	7:30 a.m.-4:00 p.m.	808-840-6100
Houston Hobby, TX	817-222-5006	8:00 a.m.-5:00 p.m.	713-847-1400
Indianapolis Intl, IN	817-222-5006	8:00 a.m.-4:00 p.m.	317-484-6600
Kahului/Maui, HI	310-725-3300	7:30 a.m.-4:00 p.m.	808-877-0725
Kansas City Intl, MO	817-222-5006	7:30 a.m.-4:00 p.m.	816-329-2700
Las Vegas McCarran, NV	310-725-3300	7:30 a.m.-4:00 p.m.	702-262-5978
Los Angeles Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	310-342-4900
Louis Armstrong New Orleans Intl, LA	817-222-5006	7:00 a.m.-4:30 p.m.	504-471-4300
Memphis Intl, TN	404-305-5180	7:30 a.m.-4:00 p.m.	901-322-3350
Miami Intl, FL	404-305-5180	7:00 a.m.-4:00 p.m.	305-869-5400
Minneapolis/St. Paul, MN	817-222-5006	8:00 a.m.-4:00 p.m.	612-713-4000
Nashville Intl, TN	404-305-5180	7:00 a.m.-3:30 p.m.	615-781-5460
New York Kennedy Intl, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-656-0335
New York La Guardia, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-335-5461
Newark Liberty Intl, NJ	718-995-5426	7:30 a.m.-4:00 p.m.	973-565-5000
Norman Y. Mineta San Jose Intl, CA	310-725-3300	7:30 a.m.-4:00 p.m.	408-982-0750
Ontario Intl, CA	310-725-3300	7:30 a.m.-4:00 p.m.	909-983-7518
Orlando Intl, FL	404-305-5180	7:30 a.m.-5:00 p.m.	407-850-7000
Philadelphia Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	215-492-4100
Phoenix Sky Harbor Intl, AZ	310-725-3300	7:30 a.m.-4:00 p.m.	602-379-4226
Pittsburgh Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	412-269-9237
Portland Intl, OR	425-227-1389	7:30 a.m.-4:00 p.m.	503-493-7500
Raleigh-Durham, NC	404-305-5180	8:00 a.m.-4:30 p.m.	919-380-3125
Ronald Reagan Washington National, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-413-0330
Salt Lake City, UT	425-227-1389	7:30 a.m.-4:00 p.m.	801-325-9600
San Antonio Intl, TX	817-222-5006	8:00 a.m.-4:30 p.m.	210-805-5507
San Diego Lindbergh Intl, CA	310-725-3300	8:00 a.m.-4:30 p.m.	619-299-0677
San Francisco Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	650-876-2883
San Juan Intl, PR	404-305-5180	7:30 a.m.-5:00 p.m.	787-253-8663
Seattle-Tacoma Intl, WA	425-227-1389	7:30 a.m.-4:00 p.m.	206-768-2900
St. Louis Lambert, MO	817-222-5006	7:30 a.m.-4:00 p.m.	314-890-1000
Tampa Intl, FL	404-305-5180	7:30 a.m.-4:00 p.m.	813-371-7700
Ted Stevens Anchorage Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-271-2700
Teterboro, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	201-288-1889
Washington Dulles Intl, DC	718-995-5426	8:00 a.m.-4:30 p.m.	571-323-6375
West Palm Beach, FL	404-305-5180	8:00 a.m.-4:30 p.m.	561-683-1867
Westchester Co, NY	718-995-5426	8:00 a.m.-4:30 p.m.	914-948-6520

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ.FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA
OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB
18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: <u>TAF</u> -routine or <u>TAF AMD</u> -amended forecast, <u>METAR</u> -hourly, <u>SPECI</u> -special or <u>TESTM</u> -non-commissioned ASOS report	METAR
KPIT	ICAO location indicator	KPIT
091730Z	Issuance time: ALL times in UTC " <u>Z</u> ", 2-digit date, 4-digit time	091955Z
091818	Valid period: 2-digit date, 2-digit beginning, 2-digit ending times In U.S. METAR : <u>COR</u> rected ob; or <u>AUTO</u> mated ob for automated report with no human intervention; omitted when observer logs on	COR
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or <u>VaRiaBle</u>); next 2-3 digits for speed and unit, <u>KT</u> (KMH or MPS); as needed, <u>Gust</u> and maximum speed; 00000KT for calm; for METAR , if direction varies 60 degrees or more, <u>Variability</u> appended, e.g. 180 <u>V</u> 260	22015G25KT
5SM	Prevailing visibility: in U.S., <u>Statute Miles</u> & fractions; above 6 miles in TAF <u>Plus</u> 6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	3/4SM
HZ	Runway Visual Range: <u>R</u> ; 2-digit runway designator <u>Left</u> , <u>Center</u> , or <u>Right</u> as needed; <u>"</u> / <u>"</u> ; <u>Minus</u> or <u>Plus</u> in U.S., 4-digit value, <u>FeeT</u> in U.S., (usually meters elsewhere); 4-digit value <u>Variability</u> 4-digit value (and tendency <u>Down</u> , <u>Up</u> or <u>No</u> change)	R28L/2600FT
FEW020	Significant present, forecast and recent weather: see table (on back) Cloud amount, height and type: <u>SKY</u> <u>Clear</u> 0/8, <u>FEW</u> >0/8-2/8, <u>SCaTtered</u> 3/8-4/8, <u>BroKeN</u> 5/8-7/8, <u>OVerCast</u> 8/8; 3-digit height in hundreds of ft; <u>Towering CU</u> mulus or <u>CumulonimBus</u> in METAR ; in TAF , only <u>CB</u> . <u>Vertical</u> <u>Visibility</u> for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated METAR reports only, <u>CLeaR</u> for "clear below 12,000 feet" <u>T</u> emperature: degrees Celsius; first 2 digits, temperature <u>"</u> / <u>"</u> last 2 digits, dew-point temperature; <u>Minus</u> for below zero, e.g., M06 Altimeter setting: indicator and 4 digits; in U.S., <u>A</u> -inches and hundredths; (<u>Q</u> -hectoPascals, e.g., Q1013)	TSRA OVC010CB 18/16 A2992

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT	In U.S. TAF , non-convective low-level ($\leq 2,000$ ft) <u>Wind Shear</u> ; 3-digit height (hundreds of ft); <u>"/";</u> 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, <u>KT</u>	RMK SLP045 T01820159
FM1930	In METAR , <u>ReMark</u> indicator & remarks. For example: <u>Sea-Level Pressure</u> in hectoPascals & tenths, as shown: 1004.5 hPa; <u>Temp/dew-point</u> in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C	
TEMPO 2022	<u>FroM</u> and 2-digit hour and 2-digit minute beginning time: indicates significant change. Each FM starts on new line, indented 5 spaces.	
PROB40 0407	<u>TEMPO</u> rary: changes expected for < 1 hour and in total, < half of 2-digit hour beginning and 2-digit hour ending time period	
BECMG 1315	<u>PROB</u> ability and 2-digit percent (30 or 40): probable condition during 2-digit hour beginning and 2-digit hour ending time period	
	<u>BEC</u> oMinG: change expected during 2-digit hour beginning and 2-digit hour ending time period	

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

QUALIFIER			
Intensity or Proximity			
- Light	"no sign"	Moderate	+ Heavy
VC Vicinity: but not at aerodrome; in U.S. METAR , between 5 and 10SM of the point(s) of observation; in U.S. TAF , 5 to 10SM from center of runway complex (elsewhere within 8000m)			
Descriptor			
MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing
WEATHER PHENOMENA			
Precipitation			
DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PL Ice pellets	GR Hail	GS Small hail/snow pellets
UP Unknown precipitation in automated observations			
Obscuration			
BR Mist ($\geq 5/8SM$)	FG Fog ($< 5/8SM$)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust
Other			
SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "()" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥ 10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE

NOAA/PA 96052 National Oceanic and Atmospheric Administration—National Weather Service

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

® ATLANTA CENTER
H-6-9-10-12, L-18-22-24-25-26-36, A-1
(KZTL)

Albemarle – 133.15 251.1
Anderson – 121.5 **121.5** 243.0 **243.0**
Anniston – 134.95 323.175 243.0 **243.0**
Athens – 134.2 127.5 **127.5** **120.425** **327.15** 316.05 **316.05** 254.35
Atlanta/A – 135.0 **135.0** **369.9** 317.7 **317.7**
Augusta – 128.1 322.325
Birmingham – **128.725** 127.3 **350.325** 251.05
Chattanooga – **133.175** 132.05 **126.675** **124.875** **363.1** 354.025 **299.2** **257.675**
Columbus – **125.575** 120.45 **353.95** 298.85
Crossville – 121.5 **121.5** 243.0 **243.0**
Foothills – **124.375** **353.925**
Gadsden – 124.5 270.325
Glade Springs – 127.85 371.85
Greensboro – 128.8 **124.425** 360.825 **323.025**
Greer – 121.5 **121.5** 243.0 **243.0**
Hampton – **127.125** 121.5 **121.5** **119.375** **371.95** **363.25** **306.975** 268.7 243.0 **243.0**
Hickory – 134.55 125.15 124.25 121.5 **121.5** **369.9** 290.2 263.0 243.0 **243.0**
Hinch Mountain – 133.6 **125.925** **269.175** 254.3
Macon – 134.5 **126.425** 123.95 379.95 360.75 342.425 **335.65** 269.625 **269.625** 263.075 **263.075** **257.9**
Millen – 127.95 343.75
Monroeville – 118.55 267.9
Montgomery – **128.025** 120.55 **307.15** 280.1 **280.1** 270.25
Mount Oglethorpe – 134.8 133.1 127.05 **127.05** 121.35 **379.95** 377.05 370.9 342.425 **342.425** 290.8
282.35 **282.35**
Newport – 127.55 269.5
Owing – 135.35 **125.625** **123.725** **327.0** **269.1** 263.125
Pine Level – **369.9** 243.0 **243.0**
Sugarloaf Mountain – 132.625 121.5 **121.5** 353.625 243.0 **243.0**
Tri City – 127.85 **126.775** **120.725** **353.575** 269.3 **257.775**
Uniontown – 132.25 352.8 339.1 327.05 **307.15** 263.025 252.9

®BOSTON CENTER

H-10-11-12, L-30-31-32-33-34

(KZBW)

Augusta – 134.95 121.5 121.5 307.0 243.0 243.0
 Barnstable – 132.9 128.75 127.825 387.1 370.9 321.3 307.3 290.3 243.0 243.0
 Berlin – 135.7 135.7 282.2 282.2
 Bucks Harbor – 133.45 133.45 290.5 269.3 269.3
 Burlington – 120.35 120.35 118.825 342.25 342.25 251.075
 Calverton – 124.525 379.85
 Caribou – 124.75 121.5 243.0 239.05
 Concord – 128.325 348.7
 Cummington – 132.65 379.1
 Gardner – 134.7 123.75 381.4 338.2 269.475
 Houlton – 128.05 121.5 121.5 120.25 346.4 319.1 243.0 243.0 (OCEANIC CONTROL– VIA J55 OCEANIC CONTROL– VIA V39 OCEANIC CONTROL–VIA J55)
 Hyannis – 133.45 133.45 120.125 269.3 269.3 (OCEANIC CONTROL–VIA–J575/J585/C1141/C1142/C1143/C1144/C1145/ C1146)
 Islip – 135.8 132.3 346.3 259.1
 Kingston – 134.3 256.9
 Lake George – 135.325 133.625 128.325 121.35 393.3 360.6 354.1 348.7
 Lebanon – 134.7 121.5 121.5 381.4 243.0 243.0
 Massena – 121.5 121.5 243.0 243.0
 Melrose – 133.325 127.95 119.25 370.9 353.7 281.5
 Millinocket – 128.05 319.1
 Montpelier – 135.7 135.7 121.5 121.5 282.2 282.2 243.0 243.0
 Portland – 128.2 322.4
 Princeton – 121.5 121.5
 Rockdale – 133.25 126.475 353.925 279.5
 Saint Albans – 128.05 124.25 120.25 346.4 321.3 319.1 290.5 243.0 243.0
 Shelton – 134.0 128.1 126.27 125.575 351.7 343.8 317.7 306.3
 South Acton – 322.4 285.4 263.05
 Turin – 135.25 133.25 123.875 120.35 377.1 377.1 342.25 342.25 323.0 321.3 279.5 243.0 243.0
 Utica – 124.125 353.925 342.25 232.4
 Waterboro – 128.2 118.55
 Watertown – 121.5 121.5 243.0 243.0
 Whitefield – 121.5 121.5
 Woodstock – 135.325 133.425 133.425 127.65 124.85 118.425 398.9 360.6 307.9 277.4 269.2
CENTER REMARKS: THE PROVISION OF ENROUTE PRIM RADAR SVC NOT AVBL IN THE BOS ARTCC WATERTOWN NY AREA AT 12000' & BELOW; ROCKDALE/UTICA NY AREAS AT 11000' & BELOW; DELANCEY NY AREA AT 7000' & BELOW AND IN THE SYRACUSE*

®CLEVELAND CENTER

H-2-5-10-11-12, L-27-28-29-30-31-32

(KZOB)

Algonac – 134.775 132.25 126.525 380.6 298.875 285.52 278.8 269.2 244.575
 Altoona – 132.125 128.45 124.4 121.5 121.5 121.2 363.075 327.1 307.1 299.2 243.0 243.0
 Belmont – 126.95 124.425 307.075 239.3
 Bloomington – 284.625 269.625
 Bradford – 126.725 121.5 121.5 291.65
 Bradford – 126.725 121.5 121.5 291.65
 Carleton – 134.775 119.95 354.1 269.5 243.0 243.0
 Chardon – 120.775 298.95
 Detroit North – 369.9
 Dubois – 126.725 121.5 121.5 291.65 243.0 243.0
 Dunkirk – 125.2 256.8
 Findlay – 135.1 127.675 291.725 281.475
 Flint – 127.7 126.75 348.75 307.8 290.425
 Holland – 135.775 306.9
 Jackson – 134.65 127.3 281.425
 Litchfield – 135.725 134.65 120.45 360.7 285.625 281.425
 Mansfield – 134.9 133.375 369.9 317.7 290.275
 Moon Township – 134.475 385.5 369.25 317.45 254.275
 Morgantown – 121.5 121.5 243.0 243.0
 Mount Hope – 243.0 243.0
 Paris – 120.6 379.275
 Saginaw – 133.875 127.7 369.9 351.9 307.8
 Sandusky – 132.45 127.9 119.875 371.95 348.675 327.0 298.95 284.625
 Warren – 134.125 119.725 316.1 307.15
 Waterford – 127.075 323.2 292.175
 Waterville – 128.625 379.2
 Wayland – 127.475 124.325 369.9 353.85 346.35 338.35 243.0 243.0

® INDIANAPOLIS CENTER – 119.55 124.525 125.55 128.375 133.425 243.0 251.1 290.3 319.8 398.9 H–5–9–10–12, L–16–25–26–27–29	
Bluefield – 126.575 121.5 121.5 257.85 243.0 243.0	(KZID)
Brookville – 135.8 135.125 120.575 351.8 307.9 282.3	
Charleston – 134.225 127.4 119.525 385.6 307.3 269.6	
Evansville – 132.525 128.3 379.9 284.65	
Henryville – 133.05 124.775 124.77 278.5 269.45 269.02	
Livingston – 134.675 323.2	
London – 134.0 124.8 124.625 120.475 380.2 371.925 317.67 290.5 243.0	
London 2 – 126.57 124.625 121.5 121.5 121.325 371.925 253.5 246.0 243.0 243.0	
Lynch – 126.575 257.85	
Marietta – 125.55 398.9	
Marmet – 127.4 385.6 269.6	
Merwyn – 135.575 123.925 290.5 281.4 239.25	
New Hope – 124.625 121.175 371.925 353.65	
Parkersburg – 125.55 121.5 121.5 398.9 243.0 243.0	
Portsmouth – 135.75 135.575 124.225 120.275 363.2 360.725 327.05 290.5 290.4	
Rosewood – 128.075 269.0	
Rossville – 319.2	
Terre Haute – 134.175 132.2 310.8 307.1 270.3	
Tri City – 124.575 335.6	
Winchester – 128.22 126.375 343.65 317.75	
Zanesville – 132.825 125.075 124.45 370.9 353.5 343.6	

® NEW YORK CENTER	H–9–10–11–12, L–29–30–32–33–34–35–36
Barnegat – 132.15 132.15 354.0	(KZNY)
Barnstable – 135.8 125.925 381.6 284.75	
Big Flat – 133.475 132.2 322.4 270.3	
Colts Neck – 118.975 307.8	
Douglaston – 134.375 133.05	
Elk Mountain – 134.45 132.175 128.5 363.2 298.9 290.4	
Elmira – 121.5 121.5 243.0 243.0	
Flint Hill – 134.6 132.1 124.625 339.8 290.2 278.3	
Huguenot – 132.6 285.5	
Joliet – 133.675 132.5 322.5 292.125	
Matawan – 127.175 125.325 350.3 282.3	
Millville – 134.325 381.45 323.3	
Modena – 135.45 335.6	
Nantucket – 121.125	
North Mountain – 133.5 128.575 123.625 121.325 364.8 282.35 279.55 273.6 269.1	
Philipsburg – 134.8 132.875 121.5 121.5 338.3 306.2	
Sayre – 133.35 372.0	
Ship Bottom – 133.05 128.3 353.5 307.8	
Sparta – 133.15	
WilliamSPORT – 124.9 121.5 121.5 243.0 243.0	

® WASHINGTON CENTER

H-9-10-12, L-24-25-26-29-34-35-36, A-1

(KZDC)

Atlantic City – 133.12 281.45
 Bucks Elbow – 135.4 133.2 133.2 121.675 371.9 296.7 284.7 282.2 282.2 263.1
 Buena Vista – 134.625 134.4 133.025 127.925 377.2 353.9 319.0 269.375
 Cape Charles – 128.525 275.7
 Cedar Lake – 124.77 124.77 362.3 362.3
 Danville – 121.5 121.5 243.0 243.0
 Elkins – 128.6 387.1
 Falls Church – 135.525 133.97 132.775 126.875 381.5 357.6 351.8
 Grantsville – 133.65 285.6
 Green Bay – 133.725 132.025 127.75 118.75 380.3 377.1 351.9 290.425 269.4
 Hagerstown – 134.15 134.15 227.125 227.125
 Johnsonville – 135.2 118.925 348.65 322.45
 Linden – 133.55 322.55
 Manteo – 124.725 350.35
 Millville – 125.45 125.45 363.0 363.0
 Modena – 132.525 287.9
 New Bern – 135.5 121.5 121.5 281.425 256.7 243.0 243.0
 Patuxent River – 133.9 281.4
 Roanoke – 134.625 377.2
 Rocky Mount – 132.225 118.475 354.1 279.65
 Sampson – 135.3 285.5
 Sea Isle – 127.7 285.4
 Ship Bottom – 127.025 254.3
 Smyrna – 132.05 277.4
 Snow Hill – 132.55 256.8
 South Boston – 124.05 307.0
 Whaleyville – 133.825 123.85 327.8 323.0 296.7 258.1
 White Sulphur Springs – 120.85 (FREQ USED FOR CLEARANCE DELIVERY FOR GREENBRIER VALLEY ARPT AT LEWISBURG WV. NOT FOR ENROUTE USE)
 Wilmington – 135.75 124.025 269.15

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. 'T' indicates transmit only and 'R' indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALTOONA RADIO

ALLEGHENY RCO 122.2 255.4
 ALLEGHENY VOR/DME 110.0T 122.1R
 ALTOONA RCO 122.2
 BRADFORD RCO 122.2 122.3
 BRADFORD VOR/DME 116.6T 122.1R
 CLARION VOR/DME 112.9T 122.1R
 DU BOIS RCO 122.2
 ELLWOOD CITY VORTAC 115.8T 122.1R
 ERIE VORTAC 109.4T 122.1R
 FRANKLIN VOR 109.6T 122.1R
 INDIAN HEAD VORTAC 108.2T 122.1R
 JOHNSTOWN VORTAC 113.0T 122.1R 122.65
 KEATING VORTAC 116.0T 122.1R
 MONTOUR VORTAC 112.0T 122.1R
 PHILIPSBURG RCO 122.6 255.4 **122.5** (FREQ 122.5 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 PHILIPSBURG VORTAC 115.5T 122.1R (FREQ 122.5 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 REVLOC VOR/DME 110.6T 122.1R
 SLATE RUN VORTAC 113.9T 122.1R
 ST MARYS RCO 121.3
 ST THOMAS VORTAC 115.0T 122.1R
 TIDIOUTE VORTAC 117.6T 122.1R

BANGOR RADIO

AUGUSTA VOR/DME 111.4T 122.1R 122.2 122.6
 BANGOR RCO 122.2 255.4
 BELFAST RCO 121.975
 BERLIN RCO 122.35
 BUCKS HARBOR RCO 122.5
 CARIBOU RCO **122.3** (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 CLAREMONT RCO 122.4
 CONCORD RCO 122.2 **122.3** (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 FRYEBURG RCO 122.55
 GREENVILLE RCO **122.3** (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 HOULTON VOR/DME 116.1T 122.1R 122.2
 KEENE VORTAC 109.4T 122.1R
 KENNEBUNK VOR/DME 117.1T 122.1R
 LEBANON RCO 122.2 122.5 255.4
 LEBANON VOR/DME 113.7T 122.1R
 MANCHESTER VOR/DME 114.4T 122.1R
 MILLINOCKET RCO 123.6 255.4
 MILLINOCKET VOR/DME 117.9T 122.1R (NO GIM HOURS)
 WATERBORO RCO 122.25
 WHITEFIELD RCO 122.4

BRIDGEPORT RADIO

BOSTON RCO 122.4 255.4
BOSTON VOR/DME 112.7T 122.1R
BRIDGEPORT VOR/DME 108.8T 122.1R 122.2
CHESTER RCO 122.25
FITCHBURG RCO 118.025
GARDNER VOR/DME 110.6T 122.1R
GROTON VOR/DME 110.9T 122.1R
HYANNIS RCO 126.425
LAWRENCE VOR/DME 112.5T 122.1R
MADISON VOR/DME 110.4T 122.1R
MANSFIELD RCO 121.725
MARTHAS VINEYARD VOR/DME 114.5T 122.1R
NANTUCKET VOR/DME 116.2T 122.1R
NEW HAVEN VOR/DME 109.8T 122.1R
NORWICH VOR/DME 110.0T 122.1R
PROVIDENCE VOR/DME 122.6 255.4
PUTNAM VOR/DME 117.4T 122.1R
QUONSET STATE RCO 122.3
WINDSOR LOCKS RCO 122.3 255.4
WORCESTER RCO 122.2 255.4

BUFFALO RADIO

BINGHAMTON VOR/DME 112.2T 122.1R
BUFFALO RCO 121.5 122.2 243.0
DUNKIRK VOR/DME 116.2T 122.1R
ELMIRA RCO 122.1R 122.2 122.4 255.4
GENESEO VOR/DME 108.2T 122.1R
GEORGETOWN VORTAC 117.8T 122.1R
HANCOCK VOR/DME 116.8T 122.1R
ITHACA VOR/DME 111.8T 122.1R
JAMESTOWN VOR/DME 114.7T 122.1R
ROCHESTER RCO 122.6
ROCKDALE VOR/DME 112.6T 122.1R
UTICA VORTAC 111.2T 122.1R 122.2 122.65
WELLSVILLE VORTAC 111.4T 122.1R

BURLINGTON RADIO

ALBANY RCO **122.45** (FREQ 122.45 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
BARNES VORTAC 113.0T 122.1R
BURLINGTON RCO 122.2 122.6 255.4
CHESTER VOR/DME 115.1T 122.1R
GLENS FALLS RCO 122.2 **122.4** (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
GLENS FALLS VORTAC 110.2T 122.1R (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
MASSENA RCO 122.2
MONTPELIER RCO 122.2 122.6
NEWPORT RCO 122.5
OGDENSBURG RCO **122.4** (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
PITTSFIELD RCO **122.05** (FREQ 122.05 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
RUTLAND RCO 122.3
SARANAC LAKE VOR/DME 109.2T 122.1R
SPRINGFIELD RCO 122.5
WATERTOWN RCO 122.2 **122.3** (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
WATERTOWN VORTAC 109.8T 122.1R (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)

ELKINS RADIO

BECKLEY VORTAC 117.7T 122.1R
 BLUEFIELD RCO 122.2 122.65
 BLUEFIELD VORTAC 110.0T 122.1R
 CHARLESTON RCO 122.2 255.4 **122.55** (FREQ 122.55 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE)
 CHARLESTON VORTAC 117.4T 122.1R (FREQ 122.55 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE)
 CLARKSBURG VOR/DME 112.6T 122.1R
 CUMBERLAND RCO 122.35
 ELKINS VORTAC 122.2 255.4
 GRANTSVILLE VOR/DME 112.3T 122.1R
 HENDERSON VORTAC 115.9T 122.1R
 HUNTINGTON RCO 122.2 255.4 **122.6** (FREQ 122.6 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE)
 IVY KNOB RCO 124.3
 KESSEL VOR/DME 110.8T 122.1R
 MARTINSBURG RCO 122.45
 MORGANTOWN VORTAC 111.6T 122.1R 122.6
 PARKERSBURG VORTAC 108.6T 122.1R 122.4
 RAINELLE VOR 116.6T 122.1R
 WHEELING VOR/DME 112.2T 118.65 122.1R

LEESBURG RADIO

ARMEL VOR/DME 113.5T 122.1R
 BALTIMORE VORTAC 115.1T 122.1R 122.2 255.4
 BROOKE VORTAC 114.5T 122.1R
 BUCK'S ELBOW MOUNTAIN RCO 122.2 122.65
 CAPE CHARLES VORTAC 112.2T 122.1R
 CASANOVA VORTAC 116.3T 122.1R
 CHARLOTTESVILLE RCO 122.2 122.65 255.4
 DANVILLE RCO 122.2 (2200-0600)
 FALLS CHURCH RCO 122.2 122.6
 FLAT ROCK VORTAC 113.3T 122.1R
 FRANKLIN VORTAC 110.6T 122.1R
 FREDERICK VOR 109.0T 122.1R
 GLADE SPRING VOR/DME 110.2T 122.1R
 GORDONSVILLE VORTAC 115.6T 121.5 122.1R 243.0 255.4
 HAGERSTOWN VOR 109.8T 122.1R
 HARCUM VORTAC 108.8T 122.1R
 HOPEWELL VORTAC 112.0T 122.1R
 LAWRENCEVILLE VORTAC 112.9T 122.1R
 LEESBURG RCO 122.2 122.6 255.4
 LINDEN VORTAC 114.3T 122.1R
 LYNCHBURG VORTAC 109.2T 122.1R
 MARTINSBURG VORTAC 112.1T 122.1R
 MONTEBELLO VOR/DME 115.3T 122.1R
 NEWPORT NEWS RCO 122.2 122.65 255.4
 NORFOLK VORTAC 116.9T 122.1R 273.475
 NOTTINGHAM VORTAC 113.7T 122.1R
 PATUXENT VORTAC 117.6T 122.1R
 PULASKI RCO 122.3
 PULASKI VORTAC 116.8T 122.1R
 RICHMOND VORTAC 114.1T 122.1R 122.2 122.4 (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 ROANOKE REGIONAL/WOODDRUM * RCO 122.1R 122.2 122.6
 SALISBURY RCO 122.2 122.3 255.4
 SALISBURY VORTAC 111.2T 122.1R
 SNOW HILL VORTAC 112.4T 122.1R 122.6
 SOUTH BOSTON VORTAC 110.4T 122.1R
 WESTMINSTER VORTAC 117.9T 122.1R

MILLVILLE RADIO

ATLANTIC CITY RCO 122.55
BROADWAY RCO 122.35
CEDAR LAKE VORTAC 115.2T 122.1R
COLTS NECK RCO 122.3
COYLE VORTAC 113.4T 122.1R
DUPONT VORTAC 114.0T 122.1R
MILLVILLE RCO 122.1R 122.2 255.4
ROBBINSVILLE VORTAC 113.8T 122.1R 122.45
SEA ISLE VORTAC 114.8T 122.1R
SMYRNA VORTAC 111.4T 122.1R
SOLBERG VOR/DME 112.9T 122.1R
SPARTA RCO 122.5
STILLWATER VOR/DME 109.6T 122.1R
TETERBORO RCO 122.2 255.4 **122.65** (2200-0600) (FREQ 122.65 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
WATERLOO VOR/DME 112.6T 122.1R
WOODSTOWN VORTAC 112.8T 122.1R

NEW YORK RADIO 11309 NORTH ATLANTIC FAMILY E 11342 LONG DISTANCE OPS CTL FAC 11387 CARIBBEAN FAMILY

B 11396 CARIBBEAN FAMILY A 13297 CARIBBEAN FAMILY A 13306 NORTH ATLANTIC FAMILY A 13330 LONG DISTANCE OPS CTL FAC 13354 NORTH ATLANTIC FAMILY E 17907 CARIBBEAN FAMILY A 17907 CARIBBEAN FAMILY B 17925 LONG DISTANCE OPS CTL FAC 17946 NORTH ATLANTIC FAMILY A 17946 NORTH ATLANTIC FAMILY B 17964 NORTH ATLANTIC FAMILY E 21964 LONG DISTANCE OPS CTL FAC 2887 CARIBBEAN FAMILY A 3016 NORTH ATLANTIC FAMILY A 3455 CARIBBEAN FAMILY B 3494 LONG DISTANCE OPS CTL FAC 5520 CARIBBEAN FAMILY B 5550 CARIBBEAN FAMILY A 5598 NORTH ATLANTIC FAMILY A 6577 CARIBBEAN FAMILY A 6586 CARIBBEAN FAMILY B 6628 NORTH ATLANTIC FAMILY E 6640 LONG DISTANCE OPS CTL FAC 8825 NORTH ATLANTIC FAMILY E 8846 CARIBBEAN FAMILY A 8846 CARIBBEAN FAMILY B 8906 NORTH ATLANTIC FAMILY A 8918 CARIBBEAN FAMILY A (VOLMET FREQ 3485 BCSTS FROM 1 HR AFTER SS TO 1 HR BEFORE SR; FREQ 13270 BCSTS 1 HR BEFORE SR TO 1 HR AFTER SS. FREQS 6604 & 10051 PRVD 24-)
HAMPTON VORTAC 113.6T 122.1R 122.6
HUGUENOT VOR/DME 116.1T 122.1R
KENNEDY VOR/DME 115.9T 122.1R
KINGSTON VOR/DME 117.6T 122.1R
LA GUARDIA VOR/DME 113.1T 122.1R
NEW YORK RCO 122.2 122.6 255.4
POUGHKEEPSIE RCO 122.2 122.4 255.4

WILLIAMSPORT RADIO

ALLENTOWN VORTAC 117.5T 122.1R
HARRISBURG RCO 122.2
HARRISBURG VORTAC 112.5T 122.1R
LANCASTER VOR/DME 117.3T 122.1R
MODENA VORTAC 113.2T 122.1R
NORTH PHILADELPHIA RCO 122.2 122.6
POTTSTOWN VORTAC 116.5T 122.1R
RAVINE VORTAC 114.6T 122.1R
SELINGSGROVE VORTAC 110.4T 122.1R
STONYFORK VOR/DME 108.6T 122.1R
WILKES-BARRE RCO 122.2 122.6
WILLIAMSPORT RCO 122.2 122.65 255.4
WILLIAMSPORT VOR/DME 114.4T 122.1R
YARDLEY VOR/DME 108.2T 122.1R

Below is a list of FSDO's in the area of coverage of this directory. These offices serve the aviation industry and the general public on matters relating to certification and operation of general aviation aircraft. Address letters to Manager, Flight Standards District Office—Federal Aviation Administration.

Flight Standards personnel in these offices are responsible for serving the aviation industry and the general public on all matters relating to the certification and operation of general aviation aircraft.

CONNECTICUT

1st Floor, Building 85–214
Bradley International Airport
Windsor Locks, Connecticut 06096–1009
Telephone: 860–654–1000
Fax: 860–654–1009

DISTRICT OF COLUMBIA

Hallmark Building
13873 Park Center Road, Suite 475
Herndon, VA 20171
Telephone: 703–230–7664
Fax: 703–230–7720

MAINE

Portland International Jetport
412 Yellow Bird Rd.
Portland, Maine 04102
Telephone: 207–780–3263
Fax: 207–780–3296

MARYLAND

890 Airport Park Road
Cromwell Business Park, Suite 101
Glen Burnie, Maryland 21061
Telephone: 410–787–0040
Fax: 410–787–8708

MASSACHUSETTS

12 New England Executive Park—First floor
Burlington, Massachusetts 01803–5212
Telephone: 781–238–7500
Fax: 781–357–4899

NEW JERSEY

Park 80 West, Plaza One
250 Pehle Avenue, Suite 003
Saddle Brook, New Jersey 07663
Telephone: 201–556–6600
Fax: 201–556–6623

NEW YORK

7 Airport Park Boulevard
Latham, New York 12110
Telephone: 518–785–5660
Fax: 518–785–7165

7150 Republic Airport
Suite 235
Farmingdale, New York 11735
Telephone: 631–755–1300
Fax: 631–694–5516

990 Stewart Ave., Suite 630
Garden City, NY 11530–4858
Telephone: 516–228–8029
Fax: 516–228–8827

#1 Airport Way, Suite 110
Rochester, New York 14624
Telephone: 585–436–3880
Fax: 585–436–2322

PENNSYLVANIA

101 Towne Square Way
Suite 201
Pittsburgh, Pennsylvania 15227
Telephone: 412–886–2580
Fax: 412–886–2591

Allentown—Bethlehem—Easton Airport
961 Marcon Blvd., Suite 111
Allentown, Pennsylvania 18103
Telephone: 610–264–2888
Fax: 610–264–3179

Capital City Airport
400 Airport Rd, Room 101
New Cumberland, Pennsylvania 17070
Telephone: 717–774–8271
Fax: 717–774–8327

2 International Plaza
Suite 110
Philadelphia, Pennsylvania 19113
Telephone: 610–595–1500
Fax: 610–595–1519

VIRGINIA

Richmond International Airport
5707 Huntsman Rd, Suite 100
Richmond, Virginia 23250–2415
Telephone: 804–222–7494

WEST VIRGINIA

Yeager Airport
301 Eagle Mountain Road, Room 144
Charleston, West Virginia 25311
Telephone: 304–347–5199
Fax: 304–343–2011

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed "Type of Checkpoint" & "Type of VOT Facility" G stands for ground. A/ stands for airborne followed by figures (2300) or (1000-3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.IOWA

**CONNECTICUT
VOR RECEIVER CHECKPOINTS**

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Carmel (Danbury Muni)	116.6/CMK	A/1500	050	6.7	Over apch end of Rwy 08.
Madison (Chester)	110.4/MAD	A/1500	076	9.4	Over small hangar.
Madison (Meriden Markham Muni)	110.4/MAD	A/1500	345	13.4	Over small hangar.
Norwich (Windham)	110.0/ORW	A/1500	339	13.9	Over intersection of rwy and twy.
Putnam (Danielson)	117.4/PUT	A/1300	211	8.5	Over int of ramp taxiway and rwy.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Bradley Intl	111.4	G	
Bridgeport (Igor I. Sikorsky Mem).....	109.25	G	
Groton (Groton-New London)	110.25	G	
Hartford (Hartford-Brainard)	108.2	G	

**DELAWARE
VOR RECEIVER CHECK POINTS**

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Smyrna (Delaware Airpark)	111.4/ENO	A/1000	267	3.6	Over thld Rwy 27.
Wilmington (New Castle)	114.0/DQO	G	284	0.6	On Twy 'K' at Rwy 09.

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

MAINE

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bangor (Bangor Intl)	114.8/BGR	G	153	3.8	On runup area Rwy 33.
Kennebunk (Sanford Rgnl)	117.1/ENE	A/1300	267	4.5	Over Twy C and dspld thld Rwy 14.
Presque Isle (Caribou Muni)	116.4/PQI	A/1700	051	6.5	Over intersection of rws.
Presque Isle (Northern Maine Rgnl Arpt at Presque Is)	116.4/PQI	A/2000	180	5.7	Over intersection of rws.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl Jetport	111.0	G	
Bangor Intl	111.0	G	

MARYLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Frederick (Frederick Muni)	109.0/FDK	G	035	0.6	On runup pad apch end Rwy 23.
Frederick (Frederick Muni)	109.0/FDK	G	359	0.6	Intersection Twy B and Twy C
Frederick (Montgomery County Airpark)	109.0/FDK	A/2000	155	17.2	Over apch end Rwy 14.
Hagerstown (Hagerstown Rgnl–Richard A Henson Fld)	109.8/HGR	A/1700	089	6.0	Over new ATCT.
Patuxent River NAS (Trapnell fld)	117.6/PXT	G	250	0.5	AER Rwy 02 and Rwy 06 and Twy A.
Patuxent River NAS (Trapnell fld)	117.6/PXT	G	291	0.5	Intersection Twy B and Twy E.
Salisbury (Ocean City Muni)	111.2/SBY	A/1300	109	18.6	Intersection of twy and Rwy 32.
Salisbury (Salisbury–Ocean City Wicomico Rgnl)	111.2/SBY	G	221	0.7	Runup pad Rwy 05.

MASSACHUSETTS
VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Gardner (Fitchburg Muni)	110.6/GDM	A/1500	102	13.0	Over intersection of rwys.
Gardner (Metropolitan)	110.6/GDM	A/2000	097	1.9	Over intersection of twy and rwy.
Gardner (Worcester Rgnl)	110.6/GDM	A/2000	167	18.8	Over intersection of Rwys 11-29 and 15-33.
Lawrence (Plum Island)	112.5/LWM	A/1500	089	11.8	Over apch end Rwy 10.
Marthas Vineyard (Marthas Vineyard)	114.5/MVY	G	216	0.7	On runup block for Rwy 06.
Nantucket (Nantucket Memorial)	116.2/ACK	G	242	1.9	On runup area at apch end Rwy 24.
Putnam (Southbridge Muni)	117.4/PUT	A/1700	329	12.3	Over intersection of twy and rwy.

VOT TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Laurence G. Hanscom	110.0	G	
Gen. Ed. Lawrence Logan Intl.	111.0	G	
Worcester Rgnl	108.2	G	

NEW HAMPSHIRE
VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Berlin (Berlin Rgnl)	110.4/BML	A/2600	190	6.0	Over ski jump on W side of road.
Gardner (Jaffrey Arpt-Silver Ranch)	110.6/GDM	A/2000	023	15.8	Over intersection of rwy and twy.
Lebanon (Lebanon Muni)	113.7/LEB	A/1600	246	5.0	Over intersection of Rwys 07-25 and 18-36.
	113.7/LEB	G	248	5.1	On Bravo-Two twy.
Pease (Portsmouth Intl at Pease)	116.5/PSM	G	015	0.4	North runup pad.
		G	157	1.5	On south runup pad.
Pease (Skyhaven)	116.5/PSM	A/1500	356	12.6	Over windsock.

NEW JERSEY
VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cedar Lake (Millville Muni)	115.2/VCN	A/1500	215	11.4	Over intersection Rwys 10-28 and 14-32.
Coyle (Lakewood)	113.4/CYN	A/1000	048	18.9	Over apch end Rwy 06.
Coyle (Ocean Co)	113.4/CYN	A/1500	054	9.0	Over apch end Rwy 06.
Robbinsville (Trenton-Robbinsville)	113.8/RBV	A/1200	289	5.2	Over apch end Rwy 11.
Sea Isle (Cape May County)	114.8/SIE	A/1200	236	6.8	Over apch end Rwy 19.
Wrightstown (McGuire Fld (Joint Base McGuire DIX Lakehurst))	110.6/GXU	G	212	0.3	Rwy 06 runup pad.
Yardley (Trenton Mercer)	108.2/ARD	A/1500	080	4.5	Over ATCT.

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

NEW YORK

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Binghamton (Tri-Cities)	112.2/CFB	A/2000	170	5.0	Over rwy intersection.
Dunkirk (Chautauqua Co/Dunkirk)	116.2/DKK	G	043	0.5	On twy adjacent to the apch end Rwy 24.
Glens Falls (Floyd Bennett Memorial)	110.2/GFL	G	034	0.5	On runup area Rwy 19.
Groton (Elizabeth Field)	110.85/GON	A/1200	183	4.8	Over intersection of rwy's.
Huguenot	116.1/HUO	A/3000	222	6.2	Over monument on hill.
Huguenot (Randall)	116.1/HUO	A/1500	093	8.8	Over apch end Rwy 08.
Ithaca (Tompkins Rgnl)	111.8/ITH	G	157	0.8	On twy apch end Rwy 32.
Jamestown (Chautauqua County/Jamestown)	114.7/JHW	A/2500	260	6.2	Over hangar NE corner of arpt.
Kingston (Sky Acres)	117.6/IGN	A/2500	070	5.0	Over intersection of twy and Rwy 17-35.
Kingston (Sky Park)	117.6/IGN	A/1500	010	18.8	Over apch end Rwy 01.
Rockdale (Oneonta Muni)	112.6/RKA	A/3000	078	8.5	Over hangar.
Rockdale (Sidney Muni)	112.6/RKA	A/2200	229	12.5	Over hangar.
Rochester (Greater Rochester Intl)	110.0/ROC	G	98	0.6	On Twy T between ramp and Twy F.
Saranac Lake	109.2/SLK	A/3000	141	4.2	Over microwave tower on Mt Pisgah.
Watertown (Watertown Intl)	109.8/ART	G	046	3.0	On ramp in front of administration building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Albany Intl	108.2	G	VOT unusable north of Twy M.
Buffalo Niagara Intl	109.0	G	
New York (Long Island MacArthur)	109.4	G	

PENNSYLVANIA
VOR RECEIVER CHECKPOINTS

Facility Name (Arprt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bradford (Bradford Rgnl)	116.6/BFD	G	321	1.1	On SE twy midway between ramp and Rwy 32.
Clarion (Clarion County)	112.9/CIP	A/3000	286	10.9	Over center of interstate bridge/river.
Lancaster (Lancaster)	117.3/LRP	G	306	0.5	North of Twy M on non-movement twy.
Milton (Bloomsburg Muni)	109.2/MIP	A/1500	108	10.3	Over threshold Rwy 09.
North Philadelphia (Northeast Philadelphia)	112.0/PNE	G	215		Twy F.
Ravine (Muir AAF)	114.6/RAV	A/2500	179	7.7	Over water twr 1/2 NM NE of rwy.
Ravine (Schuylkill County/Joe Zerbey)	114.6/RAV	A/2000	060	13.9	Over intersection of Rwys 11-29 and 04-22.
Solberg (Doylestown)	112.9/SBJ	A/1500	240	22.6	Over apch end Rwy 23.
Stonyfork (Wellsboro Johnston)	108.6/SFK	A/3600	111	6.5	Over 2558' tower.
Wilkes-Barre (Pocono Mountains Muni)	111.6/LVZ	A/3000	131	16.2	Over intersection of Rwys 05-23 and 13-31.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Harrisburg Intl.	110.0	G	
Philadelphia Intl.	109.8	G	Unusable west of Twy Y.

RHODE ISLAND
VOR RECEIVER CHECKPOINTS

Facility Name (Arprt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Providence (Newport State)	115.6/PVD	A/1400	164	13.4	Over intersection of rwys.
Providence (North Central State)	115.6/PVD	A/1500	360	12.2	Over intersection of rwys.
Groton (Block Island State)	110.85/GON	A/1800	129	23.5	Over terminal building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Providence (Theodore Francis Green State)	108.2	G	

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

VERMONT
VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Burlington Intl.	109.0	G	

VIRGINIA
VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cape Charles (Campbell Field)	112.2/CCV	A/1000	050	8.9	Over rwy intersection.
Cape Charles (Tangier Island)	112.2/CCV	A/1500	010	28.4	Over apch end Rwy 02.
Danville (Danville Rgnl)	113.1/DAN	G	354	0.4	On Twy A in front GA ramp
Flat Rock (Farmville Rgnl)	113.3/FAK	A/1600	257	31	Over intersection of twy and rwy.
Lynchburg (Lynchburg Rgnl–Preston Glenn Field)	109.2/LYH	G	026	5.0	West runup area adjacent to Rwy 22.
Norfolk (Norfolk Intl)	116.9/ORF	G	031	0.6	At center of twy E 250' NW of centerline of Rwy 23.
Richmond	114.1/RIC	A/2100	306	8.5	Over 1054' twr.
Richmond (Richmond Intl)	114.1/RIC	G	344	0.9	On twy in front of Aeronautical Services hangar.

WEST VIRGINIA
VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lewisburg (Greenbrier Valley)	116.05/LWB	G	235	0.9	On Twy A northwest on Twy E.
Morgantown (Morgantown Muni–Walter L. Bill Hart Fld)	111.6/MGW	G	337	5.8	Intersection of Twys A and C. VOR and TACAN gnd rec checkpoint OTS indefly.
Parkersburg (Mid–Ohio Valley Rgnl)	108.6/JPU	G	211	6.3	Intersection of Twy A and Twy D.
Wheeling (Wheeling Ohio Co)	112.2/HLG	G	223	5.9	On twy on east side of ramp.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Charleston (Yeager)	108.8	G	

The following tabulation lists all reported parachute jumping areas in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. NOTAM D's may be issued to advise users of specific dates and times if outside the times /altitudes that are published. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Parachute jumping areas within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact the nearest FSS, tower, or ARTCC.

Qualified parachute jumping areas will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jumping area is charted.

To qualify for charting, a jump area must meet the following criteria:

- (1) Been in operation for at least 1 year.
- (2) Log 1,000 or more jumps each year.

In addition, parachute jumping areas can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
CONNECTICUT			
(c) Danielson Arpt.....	8 NM; 211° Putnam.....	14,500	3 NM radius. SR-SS Daily.
(c) Ellington (Pvt) Arpt	17 NM; 025° Hartford	15,000	Fri, Sat, Sun, and occasional weekdays. 0.25 NM radius Pea Stone target.
Harwinton.....	25 NM; 300° Hartford	7,200	0700-SS weekends.
DELAWARE			
Laurel (Pvt) Arpt	12 NM; 356° Salisbury.....	12,000	5 NM radius. SR-SS daily.
MAINE			
(c) Lebanon.....	13 NM; 275° Kennebunk	14,000	0800-SS daily.
Millinocket Muni Arpt.....	9.5 NM; 319° Millinocket	14,000 AGL	5 NM radius. Daily SR-SS.
MARYLAND			
Accident	14 NM; 275° Grantsville.....		
Edgewood	29 NM; 056° Baltimore	10,000	Weekends, evenings, occasional weekdays.
Gambrills, Dairy Farm Drop Zone ..	7 NM; 198° Baltimore	1300 AGL	0.5 NM radius. Weekends-November thru April.
Long Greene Drop Zone.....	21 NM; 038° Baltimore	10,000 AGL	0.5 NM radius. Weekends.
(c) Ocean City Muni Arpt	18 NM; 108° Salisbury.....	15,000	3 NM radius. 1 May-30 Nov continuous.
Patuxent River NAS (Trapnell Fld)	1.2 NM; 243° Patuxent.....	Unrestricted	0.25 NM radius. 1600-SS Mon-Fri, 0800-SS Sat, Sun, Holidays.
	0.7 NM; 303° Patuxent.....	Unrestricted	0.25 NM radius.
Sumang Drop Zone	20.3 NM; 286° Baltimore	3,000 AGL	0.4 NM radius. Weekends.
Tewey Drop Zone	24 NM; 023° Baltimore	10,000 AGL	1 NM radius. Weekends.
Unity Drop Zone	20 NM; 292° Baltimore	3,000 AGL	0.4 NM; radius. Weekends.
MASSACHUSETTS			
(c) Chatham Muni Arpt.....	24.4 NM; 019° Nantucket	12,000	SR-SS. Parachute ops are seasonal from April 1, 2013 until Nov 1, 2013.
(c) Ft. Devens, Turner Drop Zone..	18 NM; 115° Gardner.....	4,000 AGL	0.5 NM radius. Daily SR-SS (occasionally nights) (occasionally to 20,000').
(c) Marston Mills	20 NM; 045° Marthas Vineyard	10,000	1 NM radius 0700-SS daily.
(c) Montague, Turners Falls Arpt...	18 NM; 237° Keene	12,500 AGL	5 NM radius. SR-SS daily.
Natick Laboratory Sudbury	21 NM; 295° Boston	4,000 AGL	0.25 NM radius. 0800-1700 Mon-Fri.
(c) Orange Muni Arpt	10 NM; 292° Gardner.....	14,000	1 NM radius. Thu-Sun and holidays. SR-one hr after SS. Boston Center 123.75.
(c) Pepperell, Sports Center (Pvt) Arpt.....	13 NM; 233° Manchester	20,000 AGL	3 NM radius. Daily SR-SS frequently ngt ops.
(c) Taunton Muni-King Fld Arpt	20.6 NM; 078° Providence	9,500	2 NM radius. SR-SS daily May 1 - Dec 1. Theodore Francis Green State Twr 123.67.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
NEW JERSEY			
(c) Chatsworth, Coyle Fld.....	1 NM; 130° Coyle.....	2,000 AGL	Continuous. Heavy equip and paratroopers.
(c) Cross Keys.....	10 NM; 355° Cedar Lake.....	14,000	1.5 NM radius. Daily SR-SS.
(c) Lakehurst Maxfield Fld.....	0.9 NM; 280° Navy Lakehurst TACAN.....	12,500	0.3 NM radius. Daily SR-SS. Cargo drops nghts 2000´ and below.
Pittstown, Alexandria Arpt.....	12.7 NM; 281° Solberg	13,500 MSL	Daily SR-SS. Drop zone on north side of arpt.
(c) Sussex.....	9 NM; 350° Sparta.....	15,000	1.5 NM radius. Daily 0700-SS.
West Creek, Eagles Nest Arpt.....	17.69 NM; 055° Atlantic City.....	13,500	1.5 NM radius. 0800--2000 daily. Atlantic City Intl twr-- TRACON, 134.25.

NEW YORK

(c) Albion, Pine Hill Arpt.....	22 NM; 055° Buffalo.....	12,000´	2 NM radius. 0800-1 hour after SS, Wed thru Sun and holidays.
Arcade Tri-Co Arpt.....	24 NM; 162° Buffalo.....	10,000	5 NM radius. 0900-2100 SR-SS, Sat, Sun, and Wed.
(c) Calverton.....	1.5 NM; 150° Calverton.....	13,500	2 NM radius. Daily SR-SS.
(c) East Moriches, Spadaro Arpt...	7 NM; 170° Calverton.....	14,000	1 NM radius, 0800-SS Sat and Sun. 1600-SS Wed.
Fort Drum.....	23 NM; 060° Watertown.....	1,000 AGL	1 NM radius. SR-SS Mon-Fri
Gardiner Arpt.....	15 NM; 284° Kingston.....	14,500	4 NM radius. Daily SR-SS.
Hamilton Muni Arpt.....	13 NM; 085° Georgetown.....	10,000 AGL	5 NM radius. Weekends.
(c) Java.....	21 NM; 157° Buffalo.....	13,000	5 NM radius. Daily SR-SS, occasionally til 2400.
Johnstown, Fulco Arpt.....	27 NM; 315° Albany.....	15,000 AGL	3 NM radius. SR-SS Fri, Sat, Sun & holidays. Occasionally other days.
(c) Newfane, Hollands Intl Arpt....	21 NM; 353° Buffalo.....	18,000	5 NM radius. SR-SS daily; occasional nghts.
New Paltz, Stanton Arpt.....	15 NM; 301° Kingston.....	14,000	3NM radius. Sat, Sun and holidays SR-SS, occasional nghts and other days.
(c) Ovid Arpt.....	18 NM; 313° Ithaca.....	13,500	2 NM radius. 0600-2400 daily.
(c) Perry-Warsaw Arpt	15.17 NM; 258° Geneseo.....	14,000	3 NM radius. 0700-2100 Incl. Greater Rochester Intl Twr 123.7.
(c) Quaker Street, Knox Arpt.....	15 NM; 280° Albany.....	14,000	3 NM radius. Daily SR-2400.
Rhinebeck, Old Rhinebeck Arpt ...	19 NM; 323° Pawling.....	4,900	2 NM radius. SR-SS Sat-Sun Jun 15-Oct 15.
(c) Shirley, Brookhaven Arpt, Sky Dive South Shore.....	7.3 NM; 218° Calverton	10,500	0600-1800. New York Tracon/118.0.
Stormville Arpt.....	13NM; 215° Pawling.....	13,000 AGL	Daily, SR-SS.
(c) Verona, Curtis Arpt.....	21 NM; 304° Utica.....	10,000	5 NM radius. SR-SS daily Apr 1-Nov 30.
(c) Wallkill.....	25 NM; 062° Huguenot.....	14,500 AGL	1 NM radius. Daily 1200-0200.
(c) Weedsport, Whitfords Arpt	15.4 NM 263° Syracuse.....	11,500	
Westhampton Beach, Francis S Gabreski Arpt.	10NM; 130° Calverton.....	13,000´ AGL	1NM radius. Mon-Sun 0800-2300
(c) West Point.....	22 NM; 112° Huguenot.....	10,000	5 NM radius. Weekdays 1200-SS, weekends, occasionally.
	17.4 NM; 212° Kingston.....	10,000	3 NM radius weekdays 1400-SS weekends, occasionally.

PENNSYLVANIA

Bethel, Grimes Arpt.....	16 NM; 112° Ravine.....	11,000	5 NM radius. SR-SS daily.
(c) Burgettstown, Starveggi Drop Zone.....	9 NM; 042° Wheeling WV.....	2000 AGL	1 NM radius. Tue-Thur 1030-2200; occasionally (by notam) Fri-Sun 0700-1800.
(c) Chambersburg Franklin Co Rgni Arpt.....	14NM; 087° St Thomas.....	15,000 AGL	2NM radius. SR-SS daily.
Culmerville Arpt.....	22 NM; 125° Ellwood City.....	11,500 AGL	Daily SR-SS.
Doylestown.....	8 NM; 303° Yardley.....	12,500	Sat and Sun SR-SS.
(c) East Stroudsburg, Stroudsburg-Pocono Arpt.....	13.4 NM; 291° Stillwater.....	14,500	2.5 NM radius. 0600-2200 daily.

PARACHUTE JUMPING AREAS

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LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
(c) Fort Indiantown Gap–Muir AAF, Cold Steel Drop Zone.....	6.7 NM; 172° Ravine	800–2000 AGL	By NOTAM only. Military use. 5 NM radius.
(c) Freedom, Kindelberger Landing Strip	8.5 NM; 175° Ellwood City	14,500	3 NM radius. Weekends and holidays SR–SS, Wed 1600–SS, and occasional nghts.
(c) Freefall Oz Arpt.....	14 NM; 252° Wellsville.....	12,500	5 NM radius. Wed–Sun 1300–2359.
(c) Grove City Arpt.....	19.3 NM; 011° Ellwood City	15,000	3 NM radius. 0800–1900 EST, 0900–2230 EDT daily.
(c) Hazleton Muni Arpt.....	6 NM; 081° Hazleton	14,500	SR–SS weekends and holidays; 1500–SS weekdays
(c) Jeannette, Greensburg Jeannette Rgnl.....	19 NM; 089° Allegheny	12,000	1 NM radius. 1 Apr–31 Oct, Wed 1700–2100, Sat/Sun 1000–2100.
Jersey Shore, Hinaman Acres Arpt	23 NM; 240° Williamsport.....	13,000	Tue and Thur 1600–SS; Sat and Sun 0800–SS.
Littletown, Kingsdale Airpark.....	13 NM; 345° Westminster	10,500	2 NM radius. 0900–2000 daily.
Meadville, Port Meadville	19 NM; 311° Franklin.....	12,500	Weekends SR–SS.
(c) Mt. Joy/Marietta, Donegal Springs Airpark	12 NM; 272° Lancaster	15,000	2 NM radius. SR–SS daily.
North East, Moorhead Arpk.	21 NM; 065° Erie	12,000	5 mi radius. Extensive skydiving activities 1600–2100 weekdays and 0900–2100 weekends from surface to 12,000 ft MSL.
(c) Perkasio, Penridge Arpt	15.9 NM; 060° Pottstown.....	14,500	5 NM radius. SR–SS daily, nights by NOTAM.
(c) Tunkhannock, Skyhaven Arpt ..	19 NM; 333° Wilkes-Barre	13,500 AGL	5 NM radius. SR–SS daily.
(c) Worthington, J.T. Willie Arpt ...	25 NM; 098° Ellwood City	14,000	1 NM radius. Weekends and holidays SR–SS, Fri 2200–SS, occasional nghts.

RHODE ISLAND

Greene, Riconn Arpt.....	15 NM; 060° Norwich	12,500	Daily SR–SS.
(c) Newport State	13.3 NM; 164° Providence	10,000	2 NM radius. SR–SS daily Apr 1–Nov 30. Theodore Francis Green State Twr 125.75
(c) Pawtucket, North Central State Arpt.....	12 NM; 001° Providence	13,000	3 NM radius. 0800–1 hour after SS daily. Mar 27–Dec 1.
(c)Westerly State Arpt	11.3 NM; 098° Groton	10,000	2 NM radius. SR-SS daily Apr 1 - Nov 1. Theodore Francis Green State Twr 119.45.

VERMONT

(c) Addison, Ass–Pirin Acres Arpt .	21 NM; 219° Burlington	12,000	5 NM radius. SR–SS daily. Frequent night jumps.
Shelburne Arpt	3 NM; 240° Burlington	15,000	2 NM radius. Daily SR–SS.

VIRGINIA

(c) Blackstone, Allen C. Perkinson/BAAF.....	16 NM; 355° Lawrenceville.....	12,500 AGL	1 NM radius. Daily.
(c) Fort A. P. Hill Bowling Green Drop Zone	12 NM; 192° Brooke.....	12,000 AGL	1 NM radius. Continuously. Frequent night drops.
(c) Fort Lee	12 NM; 262° Hopewell.....	2,500 AGL	0.5 NM radius. Daily.
(c) Fort Pickett Dove Drop Zone ...	19 NM; 009° Lawrenceville.....	12,500 AGL	Drop Zone 1500 yards by 1000 yards. Daily.
Moneta, Smith Mountain Lake Arpt	19.2 NM; 246° Lynchburg	13,500	3 NM radius. SR–SS Fri, Sat, Sun, and holidays.
(c) New Market Arpt, New Market/Blue Ridge Sport	26 NM; 249° Linden	17,500	0800 local until dark.
(c) Norfolk Intl Arpt.....	8.5 NM; 085° Norfolk.....	13,000	Mon–Fri during daylight hrs.
Oceana NAS.....	1.0 NM; 228° Oceana	12,500	Sat and Sun 0800–1200.
(c) Orange Co Arpt.....	14.9 NM; 026° Gordonsville.....	15,000	3 NM radius. Daily SR–SS, frequently ngt ops.
(c) Quantico	11.5 NM; 349° Brooke	10,000	1 NM radius unscheduled weekends.
(c) Suffolk Executive Arpt	20 NM; 104° Franklin.....	13,500	5 NM radius. SR–SS daily.
Warrenton, Flying Circus Aerodrome.....	8.5 NM; 132° Casanova	7,000	Sat/Sun, June 7–Oct 25, 1000–1959.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
Warrenton, Warrenton Air Park	3.8 NM; 088° Casanova	14,500	2 NM radius, SR-SS daily.
(c) West Point, Middle Peninsula Rgnl	4.4 NM; 340° Harcum	14,000	SR-SS weekends and holidays.
WEST VIRGINIA			
Buckhannon-Upshur Co.....	9 NM; 300° Elkins	15,000	1 NM radius. Weekdays and holidays.
Huntington, Leann Drop Zone	15 NM; 230° Henderson	10,000 AGL	0.3 NM radius. Weekends.
Huntington, Debra Drop Zone	5 NM; 120° Henderson	10,000 AGL	0.5 NM radius. Weekends.
Huntington, Robert Newlon fld. ...	22.4 NM; 220° Henderson	13,050	Daily, SR- 1 hr after SS.
Morgantown, Bacon Drop Zone	5 NM; 150° Morgantown	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Cider Drop Zone	17 NM; 180° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Morgantown, Dawson AAF	12 NM; 126° Morgantown	10,000 AGL	0.3 NM radius. Weekends.
Morgantown, Doubt Drop Zone	12 NM; 140° Morgantown	12,500 AGL	1 NM radius. Weekends.
Morgantown, Float Drop Zone	13 NM; 110° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Guide Drop Zone	13 NM; 080° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Melon Drop Zone	13 NM; 097° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Piker Drop Zone	20 NM; 135° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Ravenswood, Jackson Co Arprt	41 NM; 215° Parkersburg	12,500 AGL	41 NM radius. 1000-SS Weekends.
Ripley, Evans Drop Zone	12 NM; 070° Henderson	12,000	1 NM radius. 0800-SS local, weekends.
Summersville Arprt	15 NM; 352° Rainelle	14,500	5 NM radius daily SR-SS.
Westover, Blue Horizon Drive-In ..	13 NM; 320° Morgantown	12,500	Weekends and holidays SR-SS.

Contained within this tabulation, and listed alphabetically by airport name, are all private-use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Cabaniss Fid NOLF, TX (NGW) Corpus App/Dep Con 125.4 307.9 Navy Cabaniss Tower 119.65 299.6 (Mon–Thu 1330–0500Z‡, Fri 1330–0100Z‡)	L–20H, 21A
Fentress NALF, VA (NFE) Oceana App/Dep Con 123.9 266.8	H–10I, 12I, L–35D
Frankfort, IL (LL4Ø) Chicago App/Dep Con 133.1 285.6	L–28H
Fry, OH (ØØH8) Columbus App/Dep Con 118.425	L–27E
Gila Bend AF AUX, AZ (GXF) Luke App/Dep Con 125.45 263.125 (South)	H–4J, L–5B
Glasgow Industrial, MT (Ø7MT) Salt Lake Center App/Dep Con 126.85 305.2	H–1E, 2G, L–13D
Joe Williams NOLF, MS (NJW) Meridian App/Dep Con 276.4 Bravo Tower 118.475 279.2 (Mon–Fri 1300–2230Z‡)	H–6J, L–18G
Oak Grove MCOLF, NC (13NC) Cherry Point App/Dep Con 119.35 377.175	L–35B
Port Sulphur, LA (4LAØ) Houston App/Dep Con 134.9 290.45	L–21C, 22G
Shell AHP, AL (SXS) Cairns App/Dep Con 133.45 239.275 (24 hrs Tue–Sat, 1200–0500Z‡ Sun–Mon) other times ctc Jax Center App/Dep Con 134.3 353.5 Shell Tower 139.125 244.5 (1230–0600Z‡ Mon–Fri, exc hol)	L–22I
USAF Academy Bullseye Aux Airfield, CO (CO9Ø) ASOS 121.425	L–10F
Webster NOLF, MD (NUI) Patuxent App/Dep Con 121.0 250.3 Navy Webster Tower 126.2 358.0 (Mon–Fri, exc hol, other times on request, 1400–2200Z‡ or SS, whichever occurs first) For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866–640–4124	H–10I, 12I, L–34E, 36I
Whitehouse NOLF, FL (NEN) Jax Center App Con 123.8 377.05 Jax Center Dep Con 123.8 379.9 Whitehouse Tower 135.4 268.8 350.35 (Manned during scheduled operations only)	H–8H, L–21D, 24G
William P Gwinn, FL (Ø6FA) Palm Beach App/Dep Con 317.4 Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡) Gnd Con 121.65 279.25	H–8I, L–23C

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX) ATIS 119.8 (1500–0700Z‡) Victoria Trml App/Dep Con 132.7 (Avbl on ground) 290.8 Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500–0700Z‡) Gnd Con 121.8 MF 119.4 295.0 (Ø700–1500Z‡) (Shape irregular to 4500´)	H–1B, L–12F
Amos/Magny, QC (CYEY) Montreal Center App/Dep Con 125.9	H–11B
Atikokan Muni, ON (CYIB) MF 122.3 (5 NM to 4500´ No ground station)	L–14I
Barrie–Orillia (Lake Simcoe Rgnl), ON (CYLS) Toronto Center App/Dep Con 124.025	H–11B, L–31D
Bar River, ON (CPF2) Toronto Center App/Dep Con 132.65	L–31C
Bathurst, NB (CZBF) Moncton Center App/Dep Con 134.25	L–32J
Boundary Bay, BC (CZBB) ATIS 125.5 (1500–0700Z‡) Vancouver App/Dep Con 132.3 363.8 Tower 118.1 (Inner) 127.6 (Outer) (1500–0700Z‡) Gnd Con 124.3 MF 118.1 (Ø700–1500Z‡ to 2000´. Vancouver Trml 125.2 above 2000´. Shape irregular to 2500´.)	H–1B, L–1E
Brampton, ON (CNC3) Toronto Trml App/Dep Con 119.3	L–31D

CANADA

FACILITY NAME	CHART & PANEL
Brandon Muni, MB (CYBR) Winnipeg Center App/Dep Con 132.25 285.4 MF 122.1 (5 NM to 4000')	H-2H
Brantford, ON (CYFD) Toronto Trml App/Dep Con 128.27	L-31D
Brockville Rgnl Tackaberry ON (CNL3) Montreal Center App/Dep Con 134.675	L-32G
Bromont, QC (CZBM) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400')	L-32G
Burlington Executive, ON (CZBA) Toronto Center App/Dep Con 119.3	L-31D
Castlegar/West Kootenay Rgnl, BC (CYCG) Vancouver Center App/Dep Con 134.2 227.3 MF 122.1 (5 NM to 6500')	H-1C
Centralia/James T. Fld Muni, ON (CYCE) Toronto Center App/Dep Con 135.30	H-10G, 11B, L-31D
Charlottetown, PE (CYYG) Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200')	H-11E, L-32J
Chatham-Kent, ON (CYCK) Cleveland Center App/Dep Con 132.25	H-10G, L-30G
Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02	H-11B, L-31D
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L-32G
Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100')	H-1C
Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2	H-11E, L-32J
Digby, NS (CYID) Moncton Center App/Dep Con 123.9	L-32J
Downsview, ON (CYZD) Toronto Center App/Dep Con 133.4 MF 126.2 (1300-2300Z±, 3 NM to 1700')	H-11B, L-31E
Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35	L-32H
Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800')	H-11B
Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4	L-31C
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L-14H
Fredericton Intl, NB (CYFC) ATIS 127.55 (1045-0245Z±, OT AWOS) Moncton Center App/Dep Con 124.3 135.5 270.8 Tower 119.0 (1045-0245Z±) Gnd Con 121.7 (1045-0245Z±) MF 119.0 (0245-1045Z±, 5 NM to 3500')	H-11E, L-32I
Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3	H-11B, L-31D
Greenwood, NS (CYZX) ATIS 128.85 244.3 (1100-0000Z±) App/Dep Con 120.6 335.9 Tower 119.5 236.6 324.3 Gnd Con 133.75 289.4 Cinc Del 128.025 283.9	H-11E, L-32J
Grimsby Air Park, ON (CNZ8) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	L-31E
Halifax/Shearwater, NS (CYAW) ATIS 129.175 (Ltd hrs) App/Dep Con 119.2 MF Shearwater Advisory 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1	H-11E, L-32J
Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 135.3 Tower 118.4 236.6 Gnd Con 121.9 275.8 Cinc Del 123.95	H-11E, L-32J
Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 119.7 Tower 125.0 Gnd Con 121.6	H-10H, 11B, L-11B
Kingston, ON (CYGK) ATIS 135.55 (1115-0400Z±) Montreal Center App/Dep Con 135.05 (0400-1115Z±) MF 122.5 (1115-0400Z± 5 NM to 3300')	H-11C, L-31E, 32F

CANADA

FACILITY NAME	CHART & PANEL
Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200-0400Z‡) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200-0400Z‡) Gnd Con 121.8 MF 126.0 (0400-1200Z‡ 5 NM to 4000´)	H-11B, L-31D
Lachute, QC (CSE4) Montreal Center App Con 124.65 268.3 Montreal Center Dep Con 132.85 268.3	L-32G
La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5	H-11C
Langley, BC (CYNJ) ATIS 124.5 (1630-0230Z, DT 1530-0330Z) Victoria Trml App/Dep Con 132.7 290.8 Tower 119.0 (1630-0230Z, DT 1530-0330Z) Gnd Con 121.9 MF 119.0 (0230-1630Z, DT 0330-1530Z 3 NM to 1900´)	L-1E
Leamington, ON (CLM2) Detroit Approach App/Dep Con 134.3	L-30F
Lethbridge, AB (CYQL) ATIS 124.4 (1245-0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000´)	H-1D
Lindsay, ON (CNF4) Toronto Center App/Dep 134.25	L-31E, L-32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L-32J
London, ON (CYXU) ATIS 127.8 (1120-0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120-0345Z‡) Gnd Con 121.9 MF 119.4 (0345-1120Z‡ 5 NM to 3000´)	H-10G, 11B, L-30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L-31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L-32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500´. No gnd station. Excluding the portion S of the N shore of Riviere des Milles-Iles and 1 NM around Lac Agile Mascouche arpt.)	L-32G
Medicine Hat, AB (CYXH) ATIS 124.875 (1245-0345Z) MF 122.2 (1245-0345Z 5 NM to 5400´)	H-1D
Midland/Huronion, ON (CYEE) Toronto Center App/Dep 124.025	L-31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H-11E, L-32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H-11E, L-32J
Mont-Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L-32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App/ Dep Con 124.65 268.3 MF 119.1 (7 NM shape irregular to 2000´) VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 126.9 132.85 268.3 Tower 119.3 119.9 124.3 (old port) 267.1 Gnd Con 121.0 121.9 275.8 Clnc Del 125.6 Apron 122.075 Montreal Trml Dep Con 120.42 (SE-S-SW) 124.65 (W-NW-NE) 268.3 VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/St-Hubert, QC (CYHU) ATIS 124.9 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Gnd Con 126.4 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) MF 118.4 (Apr-Oct Tues-Sat 0500-1045Z‡, Apr-Oct Sun-Mon 0300-1045Z‡, Nov-Mar Tues-Sat 0400-1045Z‡, Nov-Mar Sun-Mon 0100-1045Z‡) 5 NM shape irregular to 2500´) VFR Advisory 134.15	H-11C, L-32G

CANADA

FACILITY NAME	CHART & PANEL
Muskoka, ON (CYQA) Timmins Radio App/Dep Con 122.3 MF 122.3 (5 NM to 3900')	H-11B, L-31D
Nanaimo, BC (CYCD) ATIS 128.425 (1-877-517-2847)(1400-0500Z) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 291.8 1330-0530Z† (5 NM to 2500')	H-1B, L-1E
North Bay, ON (CYYB) ATIS 124.9 (1130-0330Z†) Toronto Center App/Dep 127.25 MF 118.3 (1130-0330Z† 7 NM to 5000')	L-31E
Oshawa, ON (CYOO) ATIS 125.675 (1130-0330Z†) Toronto Trml App/Dep Con 133.4 Tower 120.1 (1130-0330Z†) Gnd Con 118.4 MF 120.1 (0330-1130Z† 5 NM to 3000')	L-31E
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 127.7	L-31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 MF 122.3 (5 NM shape irregular to 2500) VFR Advisory Ottawa Trml 127.7	H-11C, L-32G
Ottawa/MacDonald-Cartier Intl, ON (COWO) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175	L-11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L-31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L-30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon-Fri 1300-2130Z†, OT PPR)	H-11C, L-31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100)	H-1B
Peterborough, ON (CYPQ) Toronto Center App/Dep 134.25 MF 123.0 (5 NM to 3600')	H-11B, L-31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H-1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500-0700Z†) UNICOM 123.35 (0700-1500Z†) Vancouver Center App Con 128.6 (Outer) 352.7 Pitt Tower 126.3 (1500-0700Z†) Gnd Con 123.8 Vancouver Center Dep Con 132.3 (South) 363.8 MF 126.3 (0700-1500Z†) (3NM to 2500)	L-1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 Tower 118.65 236.6 Gnd Con 121.9 250.0	H-11D, L-32H
Riviere Du Loup, QC (CYRI) Montreal Center App/Dep Con 125.1 299.6	H-11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000')	H-11B
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400')	H-11E, L-32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center App/Dep Con 134.375	H-10G, 11B, L-30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1130-0330Z†) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1130-0330Z†) Gnd Con 121.7 (1130-0330Z†) MF 118.8 (0330-1130Z† 5 NM irregular shape to 3000')	H-2K, L-31B
Sherbrooke, QC (CYSC) Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800')	H-11D, L-32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L-31E, 32F

CANADA

FACILITY NAME	CHART & PANEL
Southport, MB (CYPG) ATIS 120.85 (Mon-Fri 1400-2300Z† except holidays) Tower 126.2 384.2 (Mon-Fri 1400-2300Z† except holidays) Gnd Con 121.7 275.8	H-2H
Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025	L-31D
St. Catherines/Niagara District, ON (CYSN) ATIS 128.525 (1215-0200Z†) Toronto Trml App/Dep Con 133.4 MF 123.25 (1215-0200Z† 5 NM to 3300´)	H-10H, 11B, L-31E
St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9	L-32H
St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900´ ASL)	H-32H, L-11D
St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr-Oct 1230-0230Z† Nov-Mar 1300-0200Z†) Gnd Con 121.7	L-32G
Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000´) Clnc Del 121.8	H-31B, 10G, L-31D
Summerside, PE (CYSU) Moncton Center App/Dep Con 124.4 384.8	H-11E, L-32J
Thunder Bay, ON (CYQT) ATIS 128.8 (1100-0400Z†) Winnipeg Center App/Dep Con 132.125 Tower 118.1 (1100-0400Z†) Gnd Con 121.9 (1100-0400Z†) App/Dep 119.2 MF 118.1 (0400-1100Z† 5 NM to 4000´)	H-2J, L-14J
Timmins/Victor M. Power, ON (CYTS) ATIS 124.95 Toronto Center App/Dep Con 128.3 MF 122.3 (5 NM to 4000´)	H-11B
Toronto/Buttontville Muni, ON (CYKZ) ATIS 127.1 (1200-0400Z†) Toronto Trml App/Dep Con 133.4 Tower 124.8 119.9 (1200-0400Z†) Gnd Con 121.8 (1200-0400Z†) MF 124.8 (0400-1200Z† No gnd station. 5 NM shape irregular to below 2500´)	L-31E
Toronto/Billy Bishop Toronto City Airport, ON (CYTZ) ATIS 133.6 (1130-0400Z†) App/Dep Con 133.4 Tower 118.2 119.2 (1130-0400Z†) Gnd Con 121.7	L-31E
Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 133.1 App Con 132.8 124.475 125.4 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 121.9 121.65 119.1 Clnc Del 121.3 (1200-0400Z†) Apron Coordinator 122.875 (122.825)	H-11B, L-31D
Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4	H-11C, L-31E, 32F
Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0 or 122.35	H-11C, L-31E, 32F
Trois-Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 MF 123.0 (5 NM to 3200´)	H-11C, L-32H
Val-D'or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030-0325Z† 5 NM to 4000´)	H-11B
Vancouver Intl, BC (CYVR) ATIS 124.6 App Con 128.6 128.17 (Outer) 133.1 134.225 (Inner) 352.7 Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Clnc Del 121.4	H-1B, L-1E
Victoria Intl, BC (CYYJ) ATIS 118.8 (1400-0800Z†) App Con 125.95 Dep Con 133.85 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400-0800Z† OT ctc Kamloops 119.7) Clnc Del 126.4 (1400-0800Z†)	H-1B, L-1E

CANADA

FACILITY NAME	CHART & PANEL
Victoriaville, QC (CSR3) Montreal Center App Con 132.35	L-32H
Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3	L-32J
Warton, ON (CYVW) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700')	H-11B, L-31D
Windsor, ON (CYQG) ATIS 134.5 (1130-0330Z‡) Detroit App/Dep Con 126.85 127.5 134.3 348.3 363.2 Tower 124.7 (1130-0330Z‡) Gnd Con 121.7 (1130-0330Z‡) MF 124.7 (0330-1130Z‡ 6 NM irregular shape to below 3000') VFR Advisory Detroit App Con 134.3	H-10G, L-8J
Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100')	H-11E, L-32I

MEXICO

FACILITY NAME	CHART & PANEL
Abraham Gonzalez Intl/Ciudad Juarez Intl (MMCS/CJS) Juarez App Con 119.9 Juarez Tower 118.9	H-4K, L-6F
Del Norte Intl (MMAN) ATIS 127.55 (1300-0300Z‡) Monterrey App 119.75 120.4 Tower 118.6 Gnd 122.0 Clnc Del 122.0	H-7B, L-20G
Durango Intl (MMDO/DGO) ATIS 132.1 Tower 118.1 Durango Info 122.3	H-7A
General Abelardo L Rodriguez Intl/Tijuana Intl (MMTJ) ATIS 127.9 (1400-1100Z‡) Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Tijuana Clnc Del 122.35 Tijuana Info 132.1	H-4H, L-4H
General Lucio Blanco Intl/Reynosa Intl (MMRX) Reynosa App Con 127.2 Reynosa Tower 118.8	H-7B, L-20H
General Mariano Escobedo Intl/Monterrey Intl (MMMY) ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Dep Con 119.75 Monterrey Tower 118.1 Monterrey Gnd 121.9 Monterrey Info 122.45	H-7B, L-20G
General R Fierro Villalobos Intl/Chihuahua Intl (MMCU) ATIS 127.9 (1300-0300Z‡) Chihuahua App Con 121.0 Chihuahua Tower 118.4	L-6I
General Rodolfo Sanchez Taboada Intl/Mexicali Intl (MMML) ATIS 127.6 (1400-0200Z‡) Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	H-4H, L-4J, 5A
General Servando Canales Intl/Matamoros Intl (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0	H-7C, L-21A
Plan De Guadalupe Intl/Salttilo Intl (MMIO/SLW) Salttilo App Con 127.4 Salttilo Tower 118.4	H-7B
Quetzalcoatl Intl/Nuevo Laredo Intl (MMNL/NLD) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	H-7B, L-20G
Torreon Intl (MMTC) App Con 119.6 Tower 118.5 Info 122.3	H-7A

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic, using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC nav aids.
7. Intersection names are spelled out.
8. Navaid radial and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g. UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two nav aids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations "pressurized" and "unpressurized" for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. High Altitude Preferred IFR Routes are in effect during the following time periods unless otherwise noted.
 Sun 1300–2259 local time.
 Mon thru Fri 0701–2259 local time.
 Sat 0701–1459 local time.
14. Use current SIDs and STARs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

PREFERRED IFR ROUTES

LOW ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Boston (BOS)	(60–170) ALB PONCT JFUND (RNAV)–STAR	1100–0300
Kennedy (JFK)	(60–170 incl, non–jet) V44 DPK	1100–0300
La Guardia (LGA)	(70–170 incl, less than 250 kts) V123	1100–0300
	or	
	(110–170 incl, 250 kts or more) IGN V157	1100–0300
	HAARP	
NE Philadelphia (PNE)	(90–170, Turboprops only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V613 FJC ARD	1100–0300
	or	
	(90–170, Turbojets only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V29 ETX V30 TROXL ARD	1100–0300
Newark (EWR)	(70–170, non–turbojet) V489 COATE	1100–0300
	or	
	(110–170, turbojet) V213	
	TALCO SHAFF–STAR	1100–0300
Philadelphia (PHL)	(60–170, less than 210 kts, Turboprops only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V29 PTW	1100–0300
	or	
	(60–170, 210 kts plus, Turboprops only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V613 PTW	1100–0300
	or	
	(70–170, turbojet) V14 CEDOR DNY051 DNY SLATT–STAR	
Trenton (TTN)	(90–170, Turboprops only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V613 FJC ARD	1100–0300
	or	
	(90–170, Turbojets only, DME/DME IRU or GPS equipped) V14 CEDOR DNY LAAYK LVZ V29 ETX V30 TROXL ARD	1100–0300
BALTIMORE (BWI) —See Washington/Baltimore Metro		
BOSTON METRO AREA (BOS)		
Cleveland (CLE)	(110–170) HYLND MHT V490 UCA V2 SYR V84 GEE V464 V115 TDT V72 V232 CXR	
Kennedy (JFK)	(110–170, jets) SSOXS LUCOS SEY067 SEY PARCH CCC ROBER	1100–0300
	or	
	(110–170, Props) SSOXS LUCOS SEY067 SEY HTO V46 DPK	
	or	
	(AOB 100) BOSOX V1 V14 ORW V16 CCC V46 DPK	
La Guardia (LGA)	(110–170, Turbojets only–DME/DME IRU or GPS required) PATSS (RNAV)–DP PATSS NELIE VALRE HAARP–STAR	1100–0300
	or	
	(110–170, Prop and Turboprops opr at less than 250K IAS) REVSS BAF PWL V405 CASSH V123 HAARP	1100–0300
	or	
	(110–170, Turbojets and Turboprop, AOA 250K IAS, RNAV only) PATSS NELIE VALRE HAARP–STAR	1100–0300
Martha's Vineyard (MVY)	BOS V141 DUNKK	0000–2359
NE Philadelphia (PNE)	(Non–turbojet)(Water)(60–100) BURDY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(Non–turbojet)(Water)(110–170) BOS SSOXS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD ..	1100–0300
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	(Water)(60–100) BURDY V268 HTO V139 MANTA V276 ARD.....	1100–0300
	or	
	(Water)(110–170) BOS SSOXS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD.....	1100–0300
	or	
	(Jets)(110–170) BOS SSOXS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
	or	
	(Turboprops only)(GPS or DME/DME IRU equipped) (90–170) BLZZR BAF V292 MOBBS SAGES LAAYK LVZ V613 FJC ARD.....	1100–0300
Newark (EWR)	(110–170, Prop and Turboprop acft, less than 250K IAS) REVSS BAF MOBBS SAGES V489 COATE....	1100–0300
	or	
	(110–170, Turbojets only–DME/DME IRU or GPS required) PATSS (RNAV)–DP PATSS NELIE FLOSI (RNAV)–STAR	1100–0300
	or	
	(110–170 RNAV only, Turbojet/Turboprop, 250K IAS or greater) PATSS NELIE IGN SHAFF–STAR	1100–0300
Philadelphia (PHL)	(80–170 incl) SSOXS LUCOS SEY V268 HTO V308 DRIFT V312 CYN	1100–0300
	or	
	(GPS or DME/DME IRU equipped) (110–170) BLZZR BAF V292 MOBBS SAGES LAAYK LVZ V613 FJC PTW	1100–0300
Rochester (ROC)	(110–170 incl) HYLND MHT V490 UCA V2	
Syracuse (SYR)	(110–170 incl) HYLND MHT V490 UCA V2	
Trenton (TTN)	(Water)(60–100) BURDY V268 HTO V139 MANTA V276 ARD.....	1100–0300
	or	
	(Water)(110–170) BOS SSOXS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD.....	1100–0300
	or	
	(Turboprops only, GPS or DME/DME IRU equipped) (90–170) BLZZR BAF V292 MOBBS SAGES LAAYK LVZ V613 FJC ARD.....	1100–0300
Washington Natl (DCA)	(80–170 incl, non–turbojet) BURDY V268 HTO V308 BILIT CAPKO	1100–0300
Westchester (HPN)	(110–170, RNAV only, Turbojets and Turboprop 250K IAS or greater) PATSS NELIE VALRE VALRE–STAR	1100–0300
	or	
	(110–170, Prop and Turboprop less than 250K IAS) REVSS BAF PWL V405 CASSH V123 HAARP.....	1100–0300
Wilmington (ILG)	(60–100, non–turbojet, water) BURDY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non–turbojet, water) BOS SSOXS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, jets) BOS SSOXS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
BRIDGEPORT (BDR)		
Albany (ALB)	(110–170 incl) SOARS V487 CANAN.....	1100–0300
Auburn/Lewiston (LEW)	(110–170 incl) HTO V308 ORW V14 GDM V39 LABEL.....	1100–0300
Augusta (AUG)	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG (AOB 170) BEADS V139 AVALO V268 BAL	1100–0300
Baltimore (BWI)		
Bangor (BGR)	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG	1100–0300
Bedford (BED)	(110–150 only) MAD V1 HFD DREEM (RNAV)–STAR	1100–0300
Beverly (BVY)	(110–170 incl) MAD HFD GRAYM–STAR	1100–0300
Boston (BOS).....	(110–170 incl) BDR MERIT ROBUC (RNAV)–STAR.....	1100–0300
Concord (CON).....	(110–150 incl) HTO V308 ORW V14 GDM V39 CON	1100–0300
Fitchburg (FIT)	(110–170 incl) MAD HFD GRAYM–STAR	1100–0300

NE, 17 AUG 2017 to 12 OCT 2017

Terminals	Route	Effective Times (UTC)
Keene (EEN).....	(110-170 only) HTO V308 ORW V14 GDM	1100-0300
Laconia (LCI).....	(110-170 incl) HTO V308 ORW V14 GDM V39 CON	1100-0300
Lawrence (LWM).....	(110-170 incl) MAD HFD GRAYM-STAR.....	1100-0300
Lebanon (LEB).....	(110-170 incl) HTO V308 ORW V14 GDM EEN	1100-0300
Manchester (MHT).....	(Jets only) (110-170 incl) MAD V1 HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
	or	
	(Props only) (110-170 incl) MAD V1 HFD V229 GDM V106 MHT.....	1100-0300
Nashua (ASH).....	(110-150 incl) MAD V1 HFD V229 GDM V106 MHT	1100-0300
Portland (PWM).....	(110-170 incl) HTO V308 ORW V14 GDM CON CDOGG (RNAV)-STAR.....	1100-0300
Portsmouth (PSM).....	(110-170 incl) HTO V308 ORW V14 GDM V106 MHT V106 RAYMY	1100-0300
Providence (PVD).....	(110-170 incl) MAD V475 CARLD V188 GON V374 MINNK	1100-0300
Rockland (RKD).....	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG	1100-0300
Waterville (WVL).....	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG	1100-0300
BUFFALO (BUF)		
Boston (BOS).....	(60-170) BUF V252 GEE PONCT JFUND (RNAV)-STAR	1100-0300
Chicago Midway (MDW).....	(60-170 incl, RNAV Only) BIMRO T608 HOCKE LAN V218 ELX V55 GIJ V156 V92 CGT	1100-0300
Chicago O'Hare (ORD).....	(60-170 incl, RNAV Only) BIMRO T608 HOCKE PAPPI	1100-0300
Cleveland (CLE).....	(60-170 incl) V115 JHW V270 ERI V14 JFN CXR..	1100-0300
Detroit Metro Wayne Co (DTW).....	(60-170 incl) V2 YQO SPICA-STAR	1100-0300
Detroit Satellites: Windsor (CYQG).....	(60-170 incl) V2 YQO	1100-0300
Elmira (ELM).....	(60-170 incl) V14 GEE V147	1100-0300
Philadelphia (PHL).....	(60-170 incl) V33 V210 BUNTS.....	
Pittsburgh (PIT).....	(60-170 incl) V115 TDT CIP HAYNZ (RNAV)-STAR	1100-0300
Washington Natl (DCA).....	(60-170 incl) V33 BFD V170 V93 BAL	1100-0300
CALDWELL (CDW)		
Albany (ALB).....	(110-150 only) BREZY V39 SOARS V487 CANAN..	1100-0300
Auburn/Lewiston (LEW).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
Augusta (AUG).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
Bangor (BGR).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
Bar Harbor (BHB).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
Barre/Montpelier (MPV).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM.....	1100-0300
Bedford (BED).....	(110-170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
Beverly (BVY).....	(110-170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR.....	1100-0300
Boston (BOS).....	(Jets only) (110-170 incl) BREZY V39 CMK MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
	(Props only) (110-170 incl) BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
Burlington (BTV).....	(110-170 incl) BREZY V39 CMK GREKI V39 SOARS V487 BTV.....	1100-0300
Concord (CON).....	(110-150 incl) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Glens Falls (GFL).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
Hyannis (HYA).....	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100-0300
Keene (EEN).....	(110-130 only) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Laconia (LCI).....	(110-170 incl) BREZY V39 CMK MERIT HFD V229 GDM CON	1100-0300
Lake Placid (LKP).....	(110-170 incl) BREZY V39 SOARS V487 CAM.....	1100-0300

Terminals	Route	Effective Times (UTC)
Lawrence (LWM)	(110–170 incl) BREZY V39 CMK MERIT HFD GRAYM–STAR	1100–0300
Lebanon (LEB)	(110–170 incl) BREZY V39 CMK MERIT HFD EEN.	1100–0300
Manchester (MHT)	(Props only) (110–170 incl) BREZY V39 CMK MERIT V99 HFD V229 GDM V106 MHT	1100–0300
Martha's Vineyard (MVY)	(110–170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
Nantucket (ACK)	(Props only) (110–170 incl) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
Nashua (ASH)	(110–170 incl) BREZY V39 CMK MERIT HFD V229 GDM V106 MHT	1100–0300
New Bedford (EWB)	(110–170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
Norwood (OWD)	(110–170 incl) BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
Pittsfield (PSF)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CANAN	1100–0300
Portland (PWM)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)–STAR	1100–0300
Portsmouth (PSM)	(110–170 incl) BREZY V39 SOARS V487 STUBY V93 CON	1100–0300
Providence (PVD)	(110–130 only) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
Provincetown (PVC)	(110–170 incl) BAYYS SEALL V188 GON V374 MVY	1100–0300
Rockland (RKD)	(110–170 incl) BREZY V39 CMK SOARS V487 CAM CON	1100–0300
Rutland (RUT)	(110–170 incl) BREZY V39 SOARS V487 CAM	1100–0300
Saranac Lake (SLK)	(110–170 incl) BREZY V39 SOARS V487 CAM	1100–0300
Waterville (WVL)	(110–170 incl) BREZY V39 SOARS V487 CAM CON	1100–0300
CAPE COD (CPD)		
Dubois (DUJ)	(GPS or DME/DME IRU equipped) (AOB 100 all) PVD V146 BAF MOBBS SAGES LAAYK FQM V226 PARDY	1000–0300
Gaithersburg (GAI)	(AOB 100 all) SEY HTO V268 EMI	1000–0300
	or	
	(GPS or DME/DME IRU equipped) (AOB 100 all) PVD V146 BAF MOBBS SAGES LAAYK LVZ V93 LRP V457 EMI	1000–0300
NE Philadelphia (PNE)	(Single engine only) (60–100) V34 SEY V268 HTO V46 DPK V16 CYN V312 OOD	1100–0300
	or	
	(Non–turbojet) (Water) (60–100) SEY ARCAV V46 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(Non–turbojet) (110–170) BOS LUCOS SEY067 HTO V139 MANTA V276 ARD PNE	1100–0300
	or	
	(Water) (60–100) SEY ARCAV V46 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(Water) (110–170) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(Turboprops only, GPS or DME/DME IRU equipped) (90–170) PVD V146 BAF MOBBS SAGES LAAYK LVZ V613 FJC ARD	1100–0300
Newark (EWR)	(110–170, RNAV turbojets) BOSOX NELIE IGN SHAFF–STAR	1100–0300
	or	
	(110–170, advanced RNAV turbojets) BOSOX NELIE FLOSI (RNAV)–STAR	
Newburgh (SWF)	(AOB 100, GNSS equipped only all types) PVD T255 NELIE T212C TRESA	1000–0300
Trenton (TTN)	(Water) (60–100) SEY ARCAV V46 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(Water) (110–170) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	(Turboprops only, GPS or DME/DME IRU equipped) (90–170) PVD V146 BAF MOBBS SAGES LAAYK LVZ V613 FJC ARD.....	1100–0300
White Plains (HPN).....	(AOA 110, 250 kts or less) PVD V146 BAF PWL V405 CASSH V123 HAARP	1100–0300
Wilmington (ILG)	(Non-turbojet) (Water) (60–100) SEY ARCAV V46 HTO V139 BRIGS ACY V184 OOD.....	1100–0300
	or (GPS or DME/DME IRU equipped) (AOB 100 all) PVD V146 BAF MOBBS SAGES LAAYK LVZ V29 DQO .	1000–0300
	or (110–170, non-turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD.....	1100–0300
	or (110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE-STAR	1100–0300
KENNEDY (JFK) —See New York Metro Area		
LA GUARDIA (LGA) —See New York Metro Area		
LONG ISLAND (Mac Arthur) (ISP)		
Albany (ALB)	(110–170 incl) SOARS V487 CANAN	1100–0300
Auburn/Lewiston (LEW)	(110–170 incl) HTO V308 ORW V14 GDM V39 LABEL	1100–0300
Augusta (AUG).....	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG	1100–0300
Bangor (BGR).....	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG	1100–0300
Bedford (BED)	(110–150 only) HTO V308 ORW DREAM (RNAV)-STAR	1100–0300
Beverly (BVY)	(110–170 incl) HTO V308 ORW GRAYM-STAR	1100–0300
Concord (CON)	(110–150 incl) HTO V308 ORW V14 GDM V39 CON	1100–0300
Fitchburg (FIT).....	(110–170 incl) HTO V308 ORW GRAYM-STAR	1100–0300
Keene (EEN).....	(110–170 only) HTO V308 ORW V14 GDM	1100–0300
Laconia (LCI).....	(110–170 incl) HTO V308 ORW V14 GDM V39 CON	1100–0300
Lawrence (LWM).....	(110–170 incl) HTO V308 ORW GRAYM-STAR	1100–0300
Lebanon (LEB).....	(110–170 incl) HTO V308 ORW V14 GDM EEN	1100–0300
Manchester (MHT)	(Jets only) (110–170 incl) MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100–0300
	or (Props only) (110–170 incl) HTO V308 ORW V14 GDM V106 MHT.....	1100–0300
Nashua (ASH)	(110–150 incl) HTO V308 ORW V14 GDM V106 MHT	1100–0300
Portland (PWM).....	(110–170 incl) HTO V308 ORW V14 GDM CON CDOGG (RNAV)-STAR	1100–0300
Portsmouth (PSM).....	(110–170 incl) HTO V308 ORW V14 GDM V106 MHT V106 RAYMY	1100–0300
Providence (PVD).....	(110–170 incl) HTO V139 WACKY	1100–0300
Rockland (RKD).....	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG	1100–0300
Waterville (WVL).....	(110–170 incl) HTO V308 ORW V14 GDM V39 AUG	1100–0300
MONTREAL (CYUL)		
Newark (EWR).....	(80–170 incl, 250 kts or less) FAWNS ALB V489 COATE	1100–0300
	or (110–170 incl, more than 250 kts) FAWNS ALB FLOSI (RNAV)-STAR	1100–0300
MORRISTOWN (MMU)		
Albany (ALB)	(110–150 only) BREZY V39 SOARS V487 CANAN..	1100–0300
Auburn/Lewiston (LEW)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
Augusta (AUG).....	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100–0300
Bangor (BGR)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100–0300
Bar Harbor (BHB)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100–0300
Barre/Montpelier (MPV)	(110–170 incl) BREZY V39 CMK V39 SOARS V487 CAM	1100–0300
Bedford (BED)	(110–170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR.....	1100–0300

Terminals	Route	Effective Times (UTC)
Beverly (BVY).....	(110-170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
Boston (BOS).....	(Jets only) (110-170 incl) BREZY V39 CMK MERIT ROBUC (RNAV)-STAR	1100-0300
	or (Props only) (110-170 incl) BREZY V39 CMK MERIT WOONS-STAR	1100-0300
Burlington (BTV).....	(110-170 incl) BREZY V39 GREKI V39 SOARS V487 BTV	1100-0300
Concord (CON).....	(110-150 incl) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Glens Falls (GFL).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
Hyannis (HYA).....	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100-0300
Keene (EEN).....	(110-130 only) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Laconia (LCI).....	(110-170 incl) BREZY V39 CMK MERIT HFD V229 GDM CON	1100-0300
Lake Placid (LKP).....	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Lawrence (LWM).....	(110-170 incl) BREZY V39 CMK MERIT HFD GRAYM-STAR.....	1100-0300
Lebanon (LEB).....	(110-170 incl) BREZY V39 CMK MERIT HFD EEN.	1100-0300
Manchester (MHT).....	(Props only) (110-170 incl) BREZY V39 CMK MERIT V99 HFD V229 GDM V106 MHT.....	1100-0300
Martha's Vineyard (MVY).....	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100-0300
Nantucket (ACK).....	(Props only) (110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
Nashua (ASH).....	(110-170 incl) BREZY V39 CMK MERIT HFD V229 GDM V106 MHT	1100-0300
New Bedford (EWB).....	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
Pittsfield (PSF).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CANAN	1100-0300
Portland (PWM).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)-STAR.....	1100-0300
Portsmouth (PSM).....	(110-170 incl) BREZY V39 SOARS V487 STUBY V93 CON.....	1100-0300
Providence (PVD).....	(110-130 only) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
Provincetown (PVC).....	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Rockland (RKD).....	(110-170 incl) BREZY V39 CMK SOARS V487 CAM CON.....	1100-0300
Rutland (RUT).....	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Saranac Lake (SLK).....	(110-170 incl) BREZY V39 SOARS V487 CAM.....	1100-0300
Waterville (WVL).....	(110-170 incl) BREZY V39 SOARS V487 CAM CON	1100-0300
NEWBURGH (SWF)		
Albany (ALB).....	(110-150 only) STUBY V487 CANAN	1100-0300
Auburn/Lewiston (LEW).....	(110-130 incl) STUBY V93 CON	1100-0300
Augusta (AUG).....	(110-170 incl) STUBY V487 CAM CON	1100-0300
Bangor (BGR).....	(110-170 incl) STUBY V487 CAM CON AUG.....	1100-0300
Bar Harbor (BHB).....	(110-170 incl) STUBY V487 CAM CON AUG.....	1100-0300
Barre/Montpelier (MPV).....	(110-170 incl) STUBY V487 CAM	1100-0300
Boston (BOS).....	(Jets only) (110-170 incl) PWL STUBY WHATE JFUND (RNAV)-STAR	1100-0300
	or (Props only) (110-170 incl) STUBY V93 WARIC GARDNER-STAR.....	1100-0300
Burlington (BTV).....	(110-170 incl) STUBY V487 CAM	1100-0300
Concord (CON).....	(110-170 incl) STUBY V93 CON	1100-0300
Glens Falls (GFL).....	(110-170 incl) STUBY V487 CAM	1100-0300
Hyannis (HYA).....	(110-170 incl) PWL V34 MOONI V58 HFD GON V374 MVY.....	1100-0300
Keene (EEN).....	(110-170 only) STUBY V93 EEN.....	1100-0300
Laconia (LCI).....	(110-170 incl) STUBY V93 EEN CON	1100-0300
Lake Placid (LKP).....	(110-170 incl) STUBY V487 CAM	1100-0300
Lebanon (LEB).....	(110-170 incl) STUBY V93 EEN	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Manchester (MHT)	(Props only) (110-170 incl) STUBY V93 EEN	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) IGN V58 HFD GON V374 MVY	1100-0300
Nantucket (ACK)	(110-170 incl) PWL V39 MOONI V58 HFD ORW DEEPO (RNAV)-STAR	1100-0300
Nashua (ASH)	(110-150 incl) STUBY V93 EEN MHT	1100-0300
Pittsfield (PSF)	(110-170 incl) STUBY V487 HIDAL	1100-0300
Portland (PWM)	(110-170 incl) STUBY V487 CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(110-170 incl) STUBY V93 EEN CON	1100-0300
Providence (PVD)	(110-170 incl) PWL V34 MOONI V58 HFD ORW V130 LAFAY	1100-0300
Rockland (RKD)	(110-170 incl) STUBY V487 CAM CON	1100-0300
NEW HAVEN (HVN)		
Albany (ALB)	(110-170 incl) SOARS V487 CANAN	1100-0300
Auburn/Lewiston (LEW)	(110-170 incl) HTO 308 ORW V14 GDM V39 LABEL	1100-0300
Augusta (AUG)	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG (AOB 170) BEADS V139 AVALO V268 BAL	1100-0300
Bangor (BGR)	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG	1100-0300
Bedford (BED)	(110-150 only) MAD V1 HFD DREEM (RNAV)-STAR	1100-0300
Beverly (BVY)	(110-170 incl) MAD HFD GRAYM-STAR	1100-0300
Boston (BOS)	(110-170 incl) BDR MERIT ROBUC (RNAV)-STAR	1100-0300
Concord (CON)	(110-150 incl) HTO V308 ORW V14 GDM V39 CON	1100-0300
Fitchburg (FIT)	(110-170 incl) MAD HFD GRAYM-STAR	1100-0300
Keene (EEN)	(110-170 only) HTO V308 ORW V14 GDM	1100-0300
Laconia (LCI)	(110-170 incl) HTO V308 ORW V14 GDM V39 CON	1100-0300
Lawrence (LWM)	(110-170 incl) MAD HFD GRAYM-STAR	1100-0300
Lebanon (LEB)	(110-170 incl) HTO V308 ORW V14 GDM EEN	1100-0300
Manchester (MHT)	(Jets only) (110-170 incl) MAD V1 HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
	or	
	(Props only) (110-170 incl) MAD V1 HFD V229 GDM V106 MHT	1100-0300
Nashua (ASH)	(110-150 incl) MAD V1 HFD V229 GDM V106 MHT	1100-0300
Portland (PWM)	(110-170 incl) HTO V308 ORW V14 GDM CON CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(110-170 incl) HTO V308 ORW V14 GDM V106 MHT V106 RAYMY	1100-0300
Providence (PVD)	(110-170 incl) MAD V475 CARLD V188 GON V374 MINNK	1100-0300
Rockland (RKD)	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG	1100-0300
Waterville (WVL)	(110-170 incl) HTO V308 ORW V14 GDM V39 AUG	1100-0300
NEW YORK METRO AREA		
From KENNEDY (JFK) only		
Albany (ALB)	(70-170 incl) BDR V487 CANAN	1100-0300
Auburn/Lewiston (LEW)	(110-170 incl) BDR V487 CAM CON	1100-0300
Baltimore (BWI)	(90-170 incl, 250 kts or less) WHITE V1 LEEAH V268	1100-0300
	or	
	(Turbojets) WAVEY PLUME V139 SIE V308 LAFLN MIIDY (RNAV)-STAR	
Bangor (BGR)	(110-170 incl) MERIT HFD PUT ENE	1100-0300
Bar Harbor (BHB)	(110-170 incl) BDR V487 CAM CON AUG	1100-0300
Barre/Montpelier (MPV)	(110-170 incl) BDR V487 CAM	1100-0300
Bedford (BED)	(110-170 incl) MERIT HFD DREEM (RNAV)-STAR	1100-0300
Boston (BOS)	(Props only) (110-170 incl) MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170, Non-Turbojet) MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170, DME/DME-IRU or GNSS Required) MERIT ROBUC (RNAV)-STAR	1100-0300
Burlington (BTV)	(90-170 incl) BDR V487	1100-0300
	or	
	(Props only) (110-170 incl) BDR V487 BTV	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Fitchburg (FIT)	(110-170 incl) MERIT HFD GRAYM-STAR	1100-0300
Hagerstown (HGR)	(140-160) RBV V276 V162 HAR V377	1100-0300
	or	
	(90-130 incl) COATE T218 TALLI LVZ V93 DUMMR V162 HAR V377	
Harrisburg (MDT)	(90-130 incl) COATE T218 TALLI LVZ V93 DUMMR V162 HWANG	1100-0300
	or	
	(140-160 incl) RBV V276 V162 HWANG.....	1100-0300
	or	
	(90-130 incl) COATE T218 TALLI LVZ V93 DUMMR V162 HYPER V143 ROBERT AML.....	1100-0300
Lawrence (LWM)	(110-170 incl) MERIT HFD GRAYM-STAR	1100-0300
Montreal (CYUL)	(110-170) BDR V91 BOWAN V487 BTW LATTS CARTER (CANADIAN RNAV)-STAR	1100-0300
Nantucket (ACK)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 DEEPO DEEPO (RNAV)-STAR.....	1100-0300
	or	
	(Jets only) (110-170) BETTE DEEPO (RNAV)-STAR	1100-0300
Norfolk (ORF)	(90-170 incl, more than 250 kts) WAVEY PLUME V139 CCV	1100-0300
	or	
	(90-170 incl, 250 kts or less) WHITE V1 CCV	1100-0300
Pittsfield (PSF)	(110-170 incl) BDR V487 HIDAL.....	1100-0300
Portland (PWM)	(110-170 incl) BDR V487 CAM CDODG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(110-170 incl) BDR V487 CAM CON.....	1100-0300
Providence (PVD)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MINNK.....	1100-0300
Provincetown (PVC).....	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Rochester (ROC)	(90-130 incl) HAAYS HUO V252 GIBBE	1100-0300
	or	
	(140-170 incl) GAYEL V374 CFB V252 GIBBE	1100-0300
Rockland (RKD)	(110-170 incl) BDR V487 CAM	1100-0300
Rutland (RUT)	(110-170 incl) BDR V487 CAM	1100-0300
Syracuse (SYR)	(90-130 incl) HAAYS HUO V252 CFB V29.....	1100-0300
	or	
	(140-170 incl) GAYEL V374 CFB	1100-0300
Toronto (CYYZ).....	(90-130 incl) COATE LAAYK ULW VERKO (CANADIAN RNAV)-STAR	
	or	
	(140-170 incl) GAYEL V374 CFB V270 ULW WOZEE VERKO (CANADIAN RNAV)-STAR	
Washington Natl (DCA)	(80-170 incl, 250 kts or less) V1 LEEAH V229 ATWEL CHOPS V308 BILIT CAPKO.....	1100-0300
	or	
	(80-170 incl, more than 250 kts) WAVEY PLUME V308 BILIT CAPKO	1100-0300
Waterville (WVL)	(110-170 incl) BDR V487 CAM CON.....	1100-0300
From LA GUARDIA (LGA) only		
Albany (ALB)	(110-150 only) BDR V487 CANAN.....	1100-0300
Auburn/Lewiston (LEW)	(110-170 incl) BDR V487 CAM CON	1100-0300
Augusta (AUG)	(110-170 incl) BDR V487 CAM CON.....	1100-0300
Baltimore (BWI)	(Turbojets only) BIGGY V3 MXE V378 NUGGY TRISH (RNAV)-STAR	
Bangor (BGR)	(110-170 incl) BDR V487 CAM CON AUG	1100-0300
Bar Harbor (BHB).....	(110-170 incl) BDR V487 CAM CON AUG	1100-0300
Barre/Montpelier (MPV)	(110-170 incl) BDR V487 CAM	1100-0300
Bedford (BED)	(110-170 incl) MERIT HFD DREEM (RNAV)-STAR.	1100-0300
Beverly (BVY).....	(110-170 incl) MERIT HFD DREEM (RNAV)-STAR.	1100-0300
Binghamton (BGM).....	(90-170 incl) HAAYS HUO V252 CFB	1100-0300
Boston (BOS)	(110-170, Non-turbojet) MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170) (DME/DME-IRU or GNSS Required) MERIT ROBUC (RNAV)-STAR.....	1100-0300
Burlington (BTV)	(110-170 incl) BDR V487 BTW	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Cleveland (CLE)	(90–100 incl) LANNA V30 SEG V6 YNG CXR	1100–0300
	or	
	(140–170 incl.) ELIOT V39 ETX V30 SEG V6 YNG CXR	1100–0300
Concord (CON)	(110–150 incl) MERIT HFD V229 GDM	1100–0300
Elmira (ELM)	(90–170 incl) COATE LAAYK ULW	1100–0300
Fitchburg (FIT)	(110–170 incl) MERIT HFD GRAYM–STAR	1100–0300
Glens Falls (GFL)	(110–170 incl) BDR V487 CAM	1100–0300
Harrisburg (CXY)	(90–100) LANNA V30 ETX V162 HWANG	1100–0300
	or	
	(110–170 incl) ELIOT V39 ETX V162 HWANG	1100–0300
Hyannis (HYA)	(110–170 incl) BAYYS SEALL V188 GON V374 MVY	1100–0300
Keene (EEN)	(110–170 incl) MERIT HFD V229 GDM	1100–0300
Laconia (LCI)	(110–170 incl) MERIT HFD V229 GDM CON	1100–0300
Lake Placid (LKP)	(110–170 incl) BDR V487 CAM	1100–0300
Lawrence (LWM)	(110–170 incl) MERIT HFD GRAYM–STAR	1100–0300
Lebanon (LEB)	(110–170 incl) MERIT HFD EEN	1100–0300
Manchester (MHT)	(Props only) (110–170 incl) MERIT HFD V229 GDM V106 MHT	1100–0300
	or	
	(Jets only) (110–170 incl) MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
Martha's Vineyard (MVY)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 MVY	1100–0300
Montreal (CYUL)	(70–170 incl) BDR V91 BOWAN V487 BTV LATTS CARTER (CANADIAN RNAV)–STAR	1100–0300
Nantucket (ACK)	(Jets only) (110–170 incl) BAYYS SEALL V188 GON DEEPO (RNAV)–STAR	1100–0300
Nashua (ASH)	(110–170 incl) MERIT HFD V229 GDM V106 MHT	1100–0300
New Bedford (EWB)	(110–170 incl) BAYYS SEALL V188 GON V374 MINNK	1100–0300
Norfolk (ORF)	(90–170 incl) WHITE V1 CCV	
Norwood (OWD)	(110–170 incl) MERIT ORW WOONS–STAR	1100–0300
Pittsburgh (PIT)	(90–100 incl) LANNA V30 PSB HAYNZ (RNAV)–STAR	1100–0300
	or	
	(140–170) ELIOT V39 ETX V30 PSB HAYNZ (RNAV)–STAR	1100–0300
Pittsfield (PSF)	(110–170 incl) BDR V487 HIDAL	1100–0300
Portland (PWM)	(110–170 incl) BDR V487 CAM CDOGG (RNAV)–STAR	1100–0300
Portsmouth (PSM)	(110–170 incl) BDR V487 CAM CON	1100–0300
Providence (PVD)	(110–130 only) BAYYS SEALL V188 GON V374 MINNK	1100–0300
Provincetown (PVC)	(110–170 incl) BAYYS SEALL V188 GON V374 MVY	1100–0300
Richmond (RIC)	(90–170 incl) WHITE V1 JAMIE	1100–0300
Rochester (ROC)	(90–170 incl) HAAYS HVO V252 GIBBE	1100–0300
Rockland (RKD)	(110–170 incl) BDR V487 CAM	1100–0300
Rutland (RUT)	(110–170 incl) BDR V487 CAM	1100–0300
Saranac Lake (SLK)	(110–170 incl) BREZY V39 SOARS V487 CAM	1100–0300
Syracuse (SYR)	(90–170 incl, less than 250 kts) HAAYS HVO V252 CFB V29	1100–0300
	or	
	(90–170 incl, 250 kts plus) GAYEL CFB	
Toronto (CYYZ)	(90–170 incl) COATE LAAYK ULW WOZEE VERKO (CANADIAN RNAV)–STAR	
Washington Dulles (IAD)	(140–170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100–0300
	or	
	(90–130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100–0300
Washington Natl (DCA)	(90–170 incl, props) BIGGY V3 MXE V378 BAL	1100–0300
Waterville (WVL)	(110–170 incl) BDR V487 CAM CON	1100–0300
Wilkes–Barre/Scranton (AVP)	(90–170 incl) COATE T218 TALLI LVZ	1100–0300
From NEWARK (EWR) only		
Albany (ALB)	(Jets only) (110–150 incl) BDR V487 CANAN	1100–0300

PREFERRED IFR ROUTES

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Terminals	Route or	Effective Times (UTC)
	(Props only) (110–150 only) BREZY V39 SOARS V487 CANAN	1100–0300
Auburn/Lewiston (LEW)	(110–170 incl) BDR V487 CAM CON	1100–0300
Augusta (AUG)	(110–170 incl) BDR V487 CAM CON	1100–0300
Baltimore (BWI)	(Turbojets only) BIGGY V3 MXE V378 NUGGY TRISH (RNAV)–STAR	
Bangor (BGR)	(110–170 incl) BDR V487 CAM CON AUG	1100–0300
Bar Harbor (BHB)	(110–170 incl) BDR V487 CAM CON AUG	1100–0300
Barre/Montpelier (MPV)	(110–170 incl) BDR V487 CAM	1100–0300
Bedford (BED)	(Jets only) (110–170 incl) MERIT HFD DREEM (RNAV)–STAR	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
Beverly (BVY).....	(Jets only) (110–170 incl) MERIT HFD DREEM (RNAV)–STAR	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300
Binghamton (BGM)	(90–170 incl) HAAYS HUO V252 CFB	1100–0300
Boston (BOS)	(Props only) (110–170 incl) BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170, Turbojet–DME/DME–IRU or GNSS Required) MERIT ROBUC (RNAV)–STAR	1100–0300
Buffalo (BUF).....	(90– 170 incl) COATE LAAYK ULW ULW306 BENE E	1100–0300
Burlington (BTV)	(110–170 incl) BDR V487 BTV	1100–0300
Cleveland (CLE)	(90–100 incl) LANNA V30 SEG V6 YNG CXR	1100–0300
	or	
	(140–170 incl) ELIOT V39 ETX V30 SEG V6 YNG CXR	1100–0300
Concord (CON).....	(110–150 incl) MERIT HFD V229 GDM	1100–0300
Elmira (ELM)	(90–170 incl) COATE LAAYK ULW	1100–0300
Fitchburg (FIT)	(Jets only) (110–170 incl) MERIT HFD GRAYM–STAR	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK MERIT HFD GRAYM–STAR.....	1100–0300
Glens Falls (GFL).....	(Jets only) (110–170 incl) BDR V487 CAM.....	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 SOARS V487 CAM	1100–0300
Harrisburg (CXY)	(90–100 incl) LANNA V30 ETX V162 HWANG.....	1100–0300
	or	
	(110–170 incl) ELIOT V39 ETX V162 HWANG.....	1100–0300
Hyannis (HYA)	(110–170 incl) BAYYS SEALL V188 GON V374 MVY.....	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100–0300
Keene (EEN).....	(110–170 incl) MERIT HFD V229 GDM	1100–0300
Laconia (LCI)	(110–170 incl) MERIT HFD V229 GDM CON.....	1100–0300
Lake Placid (LKP).....	(Jets only) (110–170 incl) BDR V487 CAM.....	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 SOARS V487 CAM	1100–0300
Lawrence (LWM)	(110–170 incl) MERIT HFD GRAYM–STAR	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK MERIT HFD GRAYM–STAR.....	1100–0300
Lebanon (LEB).....	(110–170 incl) MERIT HFD EEN	1100–0300
Manchester (MHT)	(Jets only) (110–170 incl) MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(Props only) (110–170 incl) BREZY V39 CMK MERIT HFD V229 GDM V106 MHT.....	1100–0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Martha's Vineyard (MVY).....	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MVY	1100-0300
	or (Props only) (110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100-0300
Martinsburg (MRB)	(90-100) LANNA V30 ETX V39	1100-0300
	or (110-170 incl) ELIOT V39.....	1100-0300
Martin State (MTN)	(90-170 incl) BIGGY V3 MXE V408 VINNY V93 SKILS	1100-0300
Montreal (CYUL)	(70-170 incl) BDR V91 BOWAN V487 BTV LATTS CARTER (CANADIAN RNAV)-STAR	1100-0300
Nantucket (ACK)	(Jets only) (110-170 incl) BAYYS SEALL V188 GON DEEPO (RNAV)-STAR.....	1100-0300
	or (Props only) (110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR.....	1100-0300
Nashua (ASH)	(110-170 incl) MERIT HFD V229 GDM V106 MHT	1100-0300
New Bedford (EWB)	(Jets only) (110-170 incl) BAYYS SEALL V188 GON V374 MINNK	1100-0300
	or (Props only) (110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
Norfolk (ORF).....	(90-170 incl) WHITE V1 CCV	1100-0300
Norwood (OWD)	(110-170 incl) MERIT ORW WOONS-STAR	1100-0300
	or (Props only) (110-170 incl) BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
Pittsburgh (PIT)	(90-100 incl) LANNA V30 PSB HAYNZ (RNAV)-STAR	1100-0300
	or (140-170 incl.) ELIOT V39 ETX V30 PSB HAYNZ (RNAV)-STAR	1100-0300
Pittsfield (PSF).....	(110-170 incl) BDR HIDAL V487	1100-0300
Portland (PWM).....	(110-170 incl) BDR V487 CAM CDOGG (RNAV)-STAR.....	1100-0300
Portsmouth (PSM).....	(110-170 incl) BDR V487 CAM CON	1100-0300
Providence (PVD).....	(110-130 only) BAYYS SEALL V188 GON V374 MINNK	1100-0300
	or (Props only) (110-130 only) BREZY V39 CMK BAYYS SEALL GON MINNK	1100-0300
Provincetown (PVC).....	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Richmond (RIC).....	(90-170 incl) WHITE V1 JAMIE	1100-0300
Rochester (ROC).....	(90-170 incl) HAAYS HUO V252 GIBBE	1100-0300
Rockland (RKD).....	(110-170 incl) BDR V487 CAM	1100-0300
Rutland (RUT).....	(110-170 incl) BDR V487 CAM	1100-0300
Saranac Lake (SLK).....	(110-170 incl) BREZY V39 SOARS V487 CAM.....	1100-0300
Syracuse (SYR)	(90-170 incl, less than 250 Kts) HAAYS HUO V252 CFB V29	1100-0300
	or (90-170 incl, 250 Kts plus) GAYEL CFB	1100-0300
Toronto (CYYZ).....	(90-170 incl) COATE LAAYK ULW WOZEE VERKO (CANADIAN RNAV)-STAR	1100-0300
Washington Dulles (IAD)	(140-170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100-0300
	or (90-130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100-0300
Washington Natl (DCA).....	(90-170 incl, props) BIGGY V3 MXE V378 BAL.....	1100-0300
Waterville (WVL).....	(110-170 incl) BDR V487 CAM CON	1100-0300
Wilkes-Barre/Scranton (AVP).....	(90-170 incl) COATE T218 TALLI LVZ	1100-0300
From TETERBORO (TEB) only		
Albany (ALB)	(110-150 only) BREZY V39 SOARS V487 CANAN..	1100-0300
Auburn/Lewiston (LEW)	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
Augusta (AUG).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300

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PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Bangor (BGR)	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
Bar Harbor (BHB).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
Barre/Montpelier (MPV)	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
Bedford (BED)	(110-170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
Beverly (BVY).....	(110-170 incl) BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
Boston (BOS).....	(Jets only) (110-170 incl) BREZY V39 CMK MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
	(Props only) (110-170 incl) BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
Burlington (BTV)	(110-170 incl) BREZY V39 CMK GREKI V39 SOARS V487 BTW	1100-0300
Concord (CON).....	(110-150 incl) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Glens Falls (GFL).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
Hyannis (HYA)	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY.....	1100-0300
Keene (EEN).....	(110-130 only) BREZY V39 CMK MERIT HFD V229 GDM.....	1100-0300
Laconia (LCI)	(110-170 incl) BREZY V39 CMK MERIT HFD V229 GDM CON	1100-0300
Lake Placid (LKP)	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Lawrence (LWM)	(110-170 incl) BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
Lebanon (LEB).....	(110-170 incl) BREZY V39 CMK MERIT HFD EEN	1100-0300
Manchester (MHT)	(Props only) (110-170 incl) BREZY V39 CMK MERIT V99 HFD V229 GDM V106 MHT.....	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300
Nantucket (ACK)	(Props only) (110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
Nashua (ASH).....	(110-170 incl) BREZY V39 CMK MERIT HFD V229 GDM V106 MHT	1100-0300
New Bedford (EWB)	(110-170 incl) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
Norwood (OWD).....	(110-170 incl) BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
Pittsfield (PSF).....	(110-170 incl) BREZY V39 CMK V39 SOARS V487 CANAN	1100-0300
Portsmouth (PSM).....	(110-170 incl) BREZY V39 SOARS V487 STUBY V93 CON.....	1100-0300
Providence (PVD)	(110-130 only) BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
Provincetown (PVC)	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Rockland (RKD)	(110-170 incl) BREZY V39 CMK SOARS V487 CAM CON.....	1100-0300
Rutland (RUT)	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Saranac Lake (SLK)	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Waterville (WVL)	(110-170 incl) BREZY V39 SOARS V487 CAM CON	1100-0300
From WHITE PLAINS (HPN) only		
Albany (ALB)	(110-150 only) CMK V39 SOARS V487 CANAN	1100-0300
Auburn/Lewiston (LEW)	(110-170 incl) CMK V39 SOARS V487 CAM CON ..	1100-0300
Augusta (AUG).....	(110-170 incl) CMK V39 SOARS V487 CAM CON ..	1100-0300
Baltimore (BWI).....	(Turbojets only) BIGGY V3 MXE V378 NUGGY TRISH (RNAV)-STAR	
Bangor (BGR)	(110-170 incl) CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
Bar Harbor (BHB).....	(110-170 incl) CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
Barre/Montpelier (MPV)	(110-170 incl) CMK V39 SOARS V487 CAM	1100-0300
Beverly (BVY).....	(110-170 incl) MERIT HFD DREEM (RNAV)-STAR ..	1100-0300
Binghamton (BGM).....	(90-170 incl) HAAYS HUO V252 CFB	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Boston (BOS)	(110-170, Non-Turbojet) MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170, DME/DME-IRU or GNSS Required) MERIT ROBUC (RNAV)-STAR	1100-0300
Burlington (BTV)	(110-170 incl) CMK V39 SOARS V487 BTV	1100-0300
Cleveland (CLE)	(90-170 incl) COATE LAAYK T216 FQM V58 PSB V6 YNG CXR	1100-0300
Concord (CON)	(110-150 incl) MERIT HFD V229 GDM	1100-0300
Elmira (ELM)	(90-170 incl) COATE LAAYK ULW	1100-0300
Fitchburg (FIT)	(110-170 incl) MERIT HFD GRAYM-STAR	1100-0300
Glens Falls (GFL)	(110-170 incl) CMK V39 SOARS V487 CAM	1100-0300
Harrisburg (CXY)	(90-100) LANNA V30 ETX V162 HWANG	1100-0300
	or	
	(110-170 incl) ELIOT V39 ETX V162 HWANG	1100-0300
Hyannis (HYA)	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Keene (EEN)	(110-170 incl) MERIT HFD V229 GDM	1100-0300
Laconia (LCI)	(110-170 incl) MERIT HFD V229 GDM CON	1100-0300
Lake Placid (LKP)	(110-170 incl) CMK V39 SOARS V487 CAM	1100-0300
Lawrence (LWM)	(110-170 incl) MERIT HFD GRAYM-STAR	1100-0300
Lebanon (LEB)	(110-170 incl) MERIT HFD EEN	1100-0300
Manchester (MHT)	(Jets only) (110-170 incl) MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
	or	
	(Props only) (110-170 incl) MERIT HFD V229 GDM V106 MHT	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MVY	1100-0300
Montreal (CYUL)	(70-170 incl) GREKI V39 SOARS V487 BTV LATTS CARTER (CANADIAN RNAV)-STAR	1100-0300
Nantucket (ACK)	(Jets only) (110-170 incl) BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
Nashua (ASH)	(110-170 incl) MERIT HFD V229 GDM V106 MHT	1100-0300
New Bedford (EWB)	(110-170 incl) BAYYS SEALL V188 GON V374 MINNK	1100-0300
Norfolk (ORF)	(90-170 incl) WHITE V1 CCV	1100-0300
Norwood (OWD)	(110-170 incl) MERIT ORW WOONS-STAR	1100-0300
Pittsburgh (PIT)	(90-170 incl) COATE LAAYK T216 FQM V58 PSB HAYNZ (RNAV)-STAR	1100-0300
Pittsfield (PSF)	(110-170 incl) CMK V39 SOARS V487 HIDAL	1100-0300
Portland (PWM)	(110-170 incl) CMK V39 SOARS V487 CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(110-170 incl) CMK V39 SOARS V487 CAM CON ..	1100-0300
Providence (PVD)	(110-130 only) BAYYS SEALL V188 GON V374 MINNK	1100-0300
Provincetown (PVC)	(110-170 incl) BAYYS SEALL V188 GON V374 MVY	1100-0300
Richmond (RIC)	(110-170 incl) WHITE V1 JAMIE	1100-0300
Rochester (ROC)	(90-170 incl) HAAYS HUO V252 GIBBE	1100-0300
Rockland (RKD)	(110-170 incl) CMK V39 SOARS V487 CAM CON ..	1100-0300
Rutland (RUT)	(110-170 incl) CMK V39 SOARS V487 CAM	1100-0300
Saranac Lake (SLK)	(110-170 incl) BREZY V39 SOARS V487 CAM	1100-0300
Syracuse (SYR)	(90-130 incl) HAAYS HUO V252 CFB V29	1100-0300
	or	
	(140-170 incl) HAAYS HUO V252 CFB	1100-0300
Toronto (CYYZ)	(90-170 incl) COATE LAAYK ULW WOZEE LINNG (CANADIAN RNAV)-STAR	
Washington Dulles (IAD)	(140-170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100-0300
	or	
	(90-130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100-0300
Washington Natl (DCA)	(90-170 incl, props) BIGGY V3 MXE V378 BAL	1100-0300
Waterville (WVL)	(110-170 incl) CMK V39 SOARS V487 CAM CON ..	1100-0300
Wilkes-Barre/Scranton (AVP)	(90-170 incl) COATE T218 TALLI LVZ	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
NORFOLK METRO AREA (ORF)		
Kennedy (JFK)	(90–170 incl, 250 kts or less) SCHOL DUNFE V139 SIE V44 PANZE V184 ZIGGI.....	1100–0300
	or	
	(90–170 incl, more than 250 kts) SCHOL SBY200 V139 SIE CAMRN–STAR	1100–0300
La Guardia (LGA)	(90–170, non-jet) SCHOL SBY200 SBY V29 DQO V479 RUUTH V123 RENU	1100–0300
	or	
	(90–170 incl, more than 250 kts, non-jet) SCHOL SBY200 SBY V29 V445 NANCI.....	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) HPW V213 PXT DYLIN–STAR.....	1100–0300
	or	
	(non-jets, 180 kts or greater) HPW V213 PXT PXT023 GATBY V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100–0300
	or	
	(50–90 incl, non-jet, less than 180 kts) SCHOL SBY V29 MXE ARD V214 METRO.....	1100–0300
Philadelphia (PHL)	(70–170 incl) SCHOL SBY200 V139 SWL SWL034 RADDS CEDAR LAKE–STAR.....	1100–0300
Teterboro (TEB)	(advanced navigation, turbojets only) HPW V213 PXT JAIKE (RNAV)–STAR	1100–0300
	or	
	(turboprop) HPW V213 PXT PXT023 GATBY V445 DQO DQO029 V3 SBJ TEB.....	1100–0400
	or	
	(piston) SCHOL SBY V29 MXE V3 SBJ TEB	1100–0400
Washington Dulles (IAD)	(Jet only) HPW RIC COATT–STAR.....	1100–0300
	or	
	(Non-Jet) HPW RIC RIC345 COATT V155 BRV BRV007 BARIN	
	or	
	(Turbojet) HPW THHMP CAVLR (RNAV)–STAR.....	
Washington Natl (DCA)	HPW RIC IRONS–STAR	1100–0300
PHILADELPHIA METRO AREA (PHL)		
Binghamton (BGM)	(90–170 incl) PTW PTW320 CHLSE V499 CFB	1100–0300
Boston (BOS)	(90–170 incl) DITCH V312 DRIFT V308 ORW V16 WOONS	1100–0300
Buffalo (BUF)	(90–170 incl) PTW CHLSE DIANO V164 FQM V31 ULW V36 BUF.....	1100–0300
Cleveland (CLE)	(60–170 incl) MXE V474 IHD V119 GALLS V214 AIR V8 BSV KEATN–STAR.....	1100–0300
Detroit Metro–Wayne Co (DTW)	(60–170 incl) PTW PTW320 V276 RAV V170 ERI SPICA–STAR	1100–0300
Detroit Satellites: Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	PTW PTW320 V276 RAV V170 ERI.....	
Elmira (ELM)	(90–170 incl) PTW CHLSE DIANO V164 FQM V31 ULW	1100–0300
Kennedy (JFK)	(110–170, turbojets only) DITCH V312 WINKK V44 CAMRN.....	1100–0300
Norfolk (ORF)	(80–170 incl) OOD SBY V1 CCV	1100–0300
Richmond (RIC)	(80–170 incl) OOD OOD198 V229 PXT V16.....	
Syracuse (SYR)	(90–170 incl) PTW PTW320 CHLSE V499 CFB	1100–0300
Toronto (CYYZ)	(90–170 incl) PTW CHLSE DIANO V164 FQM V31 ULW WOZEE LINNG (CANADIAN RNAV)–STAR...	
Washington Dulles (IAD)	(max altitude 160, turbojets only) MXE V474 V143 MULRR AML	
	or	
	(max altitude 160–RNAV equipped only) MXE HYPER (RNAV)–STAR	
Washington Natl (DCA)	(Turbojets only) MXE V378 BAL	1100–0300
White Plains (HPN)	(90–170 incl, props) DITCH V312 DRIFT V139 RICED RICED–STAR	1100–0300
Windsor Locks (BDL)	(90–170 incl) DITCH V312 DRIFT V139 MAD193 MAD MAD341 BRISS	

Terminals	Route	Effective Times (UTC)
PITTSBURGH METRO AREA (PIT)		
Cleveland (CLE)	(60–170 incl) BSV KEATN–STAR	1100–0300
Detroit Metro–Wayne Co (DTW)	(60–170 incl) BSV DJB DJB314 GEMNI GEMNI–STAR	
Detroit Satellites:		
Windsor (CYQG)	(60–170 incl) BSV V40 DJB LLEEO–STAR	1100–0300
PROVIDENCE (PVD)		
La Guardia (LGA)	(RNAV) (110–170 incl) PUT NELIE IGN HAARP–STAR	1100–0300
	or	
	(110–170) (Less than 250 kts) PVD V146 BAF PWL V405 CASSH V123 HAARP	1100–0300
Newark (EWR)	(Turbojets–Advanced RNAV) (110–170) PUT NELIE FLOSI (RNAV)–STAR	1100–0300
	or	
	(Non–turbojet) (110–170) PUT V146 BAF MOBBS SAGES V489 COATE	1100–0300
	or	
	(Turbojets–RNAV) (110–170) PUT NELIE SHAFF–STAR	1100–0300
ROCHESTER (ROC)		
Baltimore (BWI)	(Props) (90–170 incl) ROC V147 ULW V31 HAR BAL	1100–0300
Kennedy (JFK)	(90–170 incl, props) V34 BEEPS RKA V433 PWL V44 DPK	1100–0300
SYRACUSE (SYR)		
Boston (BOS)	SYR V14 ALB PONCT JFUND (RNAV)–STAR	1100–0300
Kennedy (JFK)	(70–170 incl, non–jet) V433 LOVES V44 DPK	1100–0300
Newark (EWR)	(110–170 incl, turbojets) V273 HNK SHAFF–STAR . or	1100–0300
	(70–170 incl, all other types) V273 HNK V167 WEARD V489 COATE	1100–0300
WASHINGTON/BALTIMORE METRO AREA		
From BALTIMORE (BWI) only		
Albany (ALB)	V93 LRP V499 CFB V270 DNY	1100–0400
Binghamton (BGM)	V93 LRP V499 CFB	1100–0300
Boston (BOS)	(90–170 incl props) PALEO–DP SIE V308 ORW V16 WOONS	1100–0300
Bridgeport (BDR)	(90–170 incl) PALEO–DP SIE V139 RICED MAD193 KEYED	1100–0300
Buffalo (BUF)	V93 SHILO PSB149 KOLBY V265 HAR V31 FQM V164	1100–0300
Charlottesville (CHO)	(blo 110) V44 MRB V143 CEROL	1100–0300
	or	
	(110–170, turbojets) TERPZ (RNAV)–DP TERPZ HIRCK BUTRZ CLTCH	1100–0300
Cleveland (CLE)	MRB V501 THS V469 JST V297 TALLS V10 YNG CXR	1100–0300
Detroit Metro–Wayne Co (DTW)	(Turbo only) MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI–STAR	
Detroit Satellites:		
Ann Arbor (ARB)	MRB V501 THS V469 JST EWC ERI	
Young (DET)	MRB V501 THS V469 JST EWC YNG V6 V297 LLEEO LLEEO–STAR	
Greensboro (GSO)	(70–170 incl, non–jet) V44 MRB V143 LYH V222 HENBY	0000–2359
Hartford (HFD)	(90–170 incl) PALEO–DP V308 GON V58	1100–0300
Islip (ISP)	(90–170 incl) PALEO–DP SIE V139 SARDI CCC	1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or greater) PALEO–DP ACY V229 PANZE V44 CAMRN	1100–0300
	or	
	(90–170 incl, less than 250 kts) PALEO–DP ACY V184 ZIGGL	1100–0300
Knoxville (TYS)	V44 MRB V143 MOL ROA V16	1100–0300
La Guardia (LGA)	(Turbojets only) PALEO–DP V44 AGARD KORRY–STAR	1100–0400
	or	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Nantucket (ACK)	(Non-turbojets) SWANN-DP DQO V479 RUUTH V123 RENUÉ	1100-0300
	(90-170 incl) POLLA V312 PALEO V44 SIE V139 HTO V46	1100-0300
Newark (EWR)	or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 V188 GON V374 MYY	1100-0300
	(110-170 incl, turbojets only) SWANN-DP V445 DQO DYLIN-STAR	1100-0300
Newburgh (SWF)	or (110-170 incl, non-turbojet, greater than 180 kts) SWANN-DP V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100-0300
	(GPS or DME/DME or IRU equipped) V93 LVZ LAAYK PRNCE FILPS	1100-0300
New Haven (HVN)	(90-170 incl) PALEO-DP SIE V139 RICED MAD193 KEYED	1100-0300
Norfolk (ORF)	(PROPS) (70-170 incl) BAL V93 PXT COLIN V33 FAGED V286 STEIN	1100-0300
	or (Turbojets) (70-170) CONLE (RNAV)-DP COLIN V33 FAGED V286 STEIN	1100-0300
Philadelphia (PHL)	(70-170 incl) SWANN-DP DQO	1100-0300
Poughkeepsie (POU)	(GPS or DME/DME or IRU equipped) V93 LVZ LAAYK PRNCE FILPS	1100-0300
Teterboro (TEB)	(advanced navigation, turbojets only) SWANN FUBRR JAIKE (RNAV)-STAR	1100-0300
	or (non-jets, 180 kts or greater) SWANN V445 DQO DQ0029 V3 SBJ TEB	1100-0300
White Plains (HPN)	(110-170 incl) PALEO-DP SIE V139 RICED-STAR	1100-0300
	or (70) V93 LRP ETX FJC BWZ SAX V39 BREZY	1100-0300
From WASHINGTON DULLES INTL (IAD) only		
Bridgeport (BDR)	(90-170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100-0300
Greensboro (GSO)	(70-170 incl, non-jet) CSN V140 MOL V143 LYH V222 HENBY	0000-2359
Islip (ISP)	(90-170 incl) WOOLY V214 BAL V44 SIE V139 SARDI CCC	1100-0300
Kennedy (JFK)	(90-170 incl, 250 Kts or greater) (Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP AGARD DONIL V229 PANZE V44 CAMRN	1100-0300
	or (90-170 incl, less than 250 Kts) WOOLY V44 DONIL V229 ACY V184 ZIGGI	1100-0300
La Guardia (LGA)	(Turbojets only) (Part 121 and 129 only) JCOBY (RNAV)-DP AGARD KORRY-STAR	
	or (90-170 incl, non turbojets) WOOLY V214 DQO V479 V123 RENUÉ	1100-0300
Newark (EWR)	(110-170 incl, turbojets only) AML SWANN V445 DQO DYLIN-STAR	1100-0300
	or (110-170 incl, non-turbojet, more than 180 kts) WOOLY V214 SWANN RUUTH-STAR	1100-0300
Newburgh (SWF)	(GPS or DME/DME or IRU equipped) MRB V501 HGR V377 AML009 SEG230 SEG V106 LVZ LAAYK PRNCE FILPS	1100-0300
	(90-170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100-0300
Philadelphia (PHL)	(70-170 incl) WOOLY V214 DQO	1100-0300
Pittsburgh (PIT)	(60-170) MRB V214 GRV IHD DEMME (RNAV)-STAR	1100-0300
Teterboro (TEB)	(Turbojets) RIGNZ (RNAV)-DP SWANN FUBRR JAIKE (RNAV)-STAR	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	or	
	(non-jet, 180 kts or greater) WOOLY SWANN V445 DQO DQO029 MUDNE V3 SBJ TEB.....	1100-0300
White Plains (HPN)	(90-170 incl) WOOLY V44 SIE V139 RICED RICED-STAR	1100-0300
	or	
	(70) MRB V501 HGR V377 HAR V162 ETX FJC BWZ SAX V39 BREZY	1100-0300
From WASHINGTON NATIONAL (DCA) only		
Albany (ALB)	KRANT V265 EMI V457 LRP V499 CFB V270 DNY	1100-0300
Allentown (ABE)	KRANT V265 EMI V457 LRP V39 ETX FJC	1100-0300
Altoona (AOO)	KRANT V265 V214 MRB JST AOO	1100-0300
Atlantic City (ACY)	(90-170) PALEO V44 SIE	
	or	
	(70) POLLA V312 GOLDA V268 LEEAH	1100-0300
Barnes (Westfield) (BAF)	(90-170) PALEO V44 SIE V139 RICED MAD BRISS	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR BDR014 JUDDS BAF	
Bedford (BED)	(Turbojets) PALEO V44 SIE V308 ORW GRAYM-STAR	1100-0300
	or	
	(70, Non RNAV) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD HFD053 DREEM	1100-0300
	or	
	(Turbojets) DOCTR (RNAV)-DP AGARD V44 SIE V308 ORW DREEM (RNAV)-STAR	1100-0300
	or	
	(70, RNAV only) PALEO V312 GOLDA V268 ENO JFK V229 HFD DREEM (RNAV)-STAR	1100-0300
Binghamton (BGM)	KRANT V265 EMI V457 LRP V499 CFB	1100-0300
Boston (BOS)	(90-170 incl) PALEO V44 SIE V308 ORW V16 WOONS	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD V3 WOONS	1100-0300
Bridgeport (BDR)	(GPS or DME/DME or IRU equipped) KRANT V265 EMI V457 LRP V93 LVZ LAAYK WEARD WEETS PWL V44 DENNA	1100-0300
	or	
	(90-170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 KEYED	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR	1100-0300
Burlington (BTV)	(GPS or DME/DME or IRU equipped) KRANT V265 EMI V457 LRP V93 LVZ LAAYK DNY ALB	1100-0300
Charleston (CRW)	(Turbojets) REBLL(RNAV)-DP OTTTO HVQ	1100-0300
	or	
	(Props) CSN WITTO HVQ	1100-0300
Concord (CON)	(90-170) PALEO V44 SIE V139 HTO V308 ORW V14 GDM V39 CON	1100-0300
Dover AFB (DOV)	(70) PALEO V312 GOLDA V268 ENO DOV	
Farmingdale (FRG)	(Props)(90-170) PALEO V44 DONIL V229 PANZE V44 CAMRN	
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
	or	
	(90-170, -250 kts) PALEO V44 DONIL V229 ACY V184 ZIGGI	
Greensboro (GSO)	(70-170 incl, non-jet) CSN V140 MOL V143 LYH V222 HENBY	0000-2359

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Groton (GON).....	(90-170) PALEO V44 SIE V139 HTO MONDI or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI	1100-0300
Hagerstown (HGR)	V265 EMI EMI325 HGR089	1100-0300
Harrisburg (MDT/CXY).....	KRANT V265 EMI V265	1100-0300
Hartford (HFD).....	(90-170) PALEO V44 SIE V139 RICED MAD V1 HFD or (70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
Islip (ISP)	(90-170) PALEO V44 SIE V139 SARDI CCC	1100-0300
Kennedy (JFK)	(70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
	(90-170 incl, 250 kts or greater) POLLA V312 PALEO V44 DONIL V229 PANZE V44 CAMRN	1100-0300
	or (90-170) PALEO V44 DONIL V229 PANZE V184 ZIGGI	1100-0300
Martha's Vineyard (MVY)	(90-170) PALEO V44 SIE V139 HTO V46 FLAPE ..	1100-0300
	or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374	1100-0300
Nantucket (ACK)	(90-170) DOCTR (RNAV)-DP AGARD V44 SIE V139 HTO V46 ACK.....	1100-0300
	or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 MAD V475 V188 GON V374 MVY.....	1100-0300
Newark (EWR).....	(turbojets) SWANN V445 DQO DYLIN-STAR	1100-0300
	or (props) PALEO V170 SWANN V445 DQO V29 MXE V214 METRO	1100-0300
	or (turboprops) PALEO V170 SWANN V445 DQO V479 RUJUTH V123 RBV OWBIE.....	1100-0300
Newburgh (SWF).....	(GPS or DME/DME-IRU equipped) KRANT V265 EMI V457 LRP V93 LVZ LAAVK PRNCE FILPS.....	1100-0300
New Haven (HVN).....	(90-170) PALEO V44 SIE V139 RICED KEYED	1100-0300
	or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR.....	1100-0300
Norfolk (ORF)	(Turbojets) BOOCK (RNAV)-DP COLIN V33 FAGED V286 STEIN	1100-0300
	or WHINO COLIN V33 FAGED V286 STEIN.....	1100-0300
Philadelphia (PHL)	(110, jets) MITCH V445 DQO	1100-0300
	or (Props) PALEO V170 DQO	1100-0300
	or DOCTR (RNAV)-DP DOCTR DQO.....	1100-0400
Pontiac (PTK).....	KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 V297 LLEE0 LLEE0-STAR.....	
Portland (PWM)	(90-170) PALEO V44 SIE V139 HTO ORW GDM CON NEEDS.....	1100-0300
	or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD V1 HFD V229 GDM V106 ENE.	1100-0300
Poughkeepsie (POU)	(GPS or DME/DME or IRU equipped) KRANT V265 EMI V457 LRP V93 LVZ LAAVK PRNCE FILPS	1100-0300
Providence (PVD)	(90-170) PALEO V44 SIE V139 HTO JORDN MINNK or (90-170 Turbojets, turboprops) PALEO V44 SIE V139 HTO JORDN (RNAV)-STAR	1100-0300
Rome (RME).....	KRANT V265 EMI V457 LRP V499 CFB UCA	1100-0300
Syracuse (SYR)	KRANT V265 HAR V31 FQM V423 CFB V29	1100-0300
Teterboro (TEB).....	(turbojets) SOOKI(RNAV)-DP SWANN FUBRR JAIKE (RNAV)-STAR	1100-0400
	or	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
White Plains (HPN).....	(turboprop) PALEO V170 SWANN V445 DQO PROSE V3 SBJ TEB.....	1100-0400
	(70) KRANT V265 EMI LRP ETX FJC BWZ SAX V39 BREZY..... or (Turbojets)(90-170) DOCTR (RNAV)-DP AGARD V44 SIE V139 RICED RICED-STAR.....	1100-0300
Wilkes Barre/Scranton (AVP).....	(70, less than 180 kts) POLLA V170 ODESA MXE ARD V214 METRO V249 SAX V39 BREZY.....	1100-0300
	KRANT V265 EMI V457 LRP V93 LVZ.....	1100-0300
Windsor Locks (BDL).....	(210 kts or less DME/DME IRU or GPS equipped) KRANT V265 EMI V457 V93 LVZ LAAYK WEARD WEETS PWL V34 MOONI V58 JUDDS.....	1100-0300
	or (90-170) PALEO V44 SIE V139 HTO DEER PARK-STAR.....	1100-0300
WINDSOR LOCKS (BDL)	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR.....	1100-0300
	Islip (ISP).....	(110-170 incl) HFD V58 GON V308 BOROS CCC... 1000-0300
NE Philadelphia (PNE).....	(110-170, non-turbojet) HFD V58 THUMB HTO V139 BRIGS CEDAR LAKE-STAR.....	1100-0300
	or (110-170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD.....	1100-0300
Newark (EWR).....	or (90-170, Turboprops only, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V613 FJC ARD.....	1100-0300
	or (90-170, Turbojets only, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V29 ETX V30 TROXL ARD.....	1100-0300
Philadelphia (PHL).....	(70-170 incl) (RNAV only, 250 kts or less) MOBBS SAGES V489 COATE.....	1100-0300
	or (110-170 incl, more than 250 kts) VEERS IGN FLOSI FLOSI (RNAV)-STAR.....	1100-0300
Trenton (TTN).....	(110-170 incl, non-turbojet) HFD V58 THUMB HTO V139 HTO V139 BRIGS ACY V184 OOD.....	1100-0300
	or (60-170 incl, props less than 210 kts, Props, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V29 SLATT V6 FJC MAZIE.....	1100-0300
Wilmington (ILG).....	or (60-170 incl, props 210 kts plus, Props, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V29 SLATT V6 FJC MAZIE.....	1100-0300
	or (60-170, Turbojets only DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V147 MAZIE.....	1100-0300
Trenton (TTN).....	(110-170, water) HFD V58 THUMB HTO V139 MANTA V276 ARD.....	1100-0300
	or (90-170, Turboprops only, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V613 FJC ARD.....	1100-0300
Wilmington (ILG).....	or (90-170, Turbojets only, DME/DME IRU or GPS equipped) MOBBS SAGES LAAYK LVZ V29 ETX V30 TROXL ARD.....	1100-0300
	(110-170, non-turbojet) HFD V58 THUMB HTO V139 BRIGS ACY V184 OOD.....	1100-0300
	or (110-170, non-turbojet) HFD V58 THUMB HTO V139 BRIGS CEDAR LAKE-STAR.....	1100-0300

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

	Route	Effective Times (UTC)
Low Altitude IFR bi-directional routes for traffic overflying New York Metro Area:		
East of New York Metro Area—V139		1100-0300
West of New York Metro Area—V93.....		1100-0300
Low Altitude IFR bi-directional routes for traffic overflying Washington Metro Area:		
.....	HAR V377 MOL	1100-0300
.....	HAR V377 V38 GVE	1100-0300
.....	LRP V93 PXT	1100-0300
Low Altitude IFR single direction route:		
Southbound	MXE V474 V377 HGR	1100-0300
Low Altitude IFR traffic overflying Washington Metro Area from over ENO landing Charlottesville, VA or Shenandoah, VA:		
.....	ENO V213 GVE098 GVE thence direct CHO or SHD	1200-0200

PREFERRED IFR ROUTES

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Chicago O'Hare (ORD)	(DME/DME-IRU or GNSS Required) PAYGE Q822 FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	(DME/DME-IRU or GNSS Required) PAYGE Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
Detroit Metro Wayne Co (DTW).....	(DME/DME-IRU or GNSS Required) PAYGE Q822 GONZZ BUF SPICA-STAR	1100-0300
Washington Dulles (IAD)	(Turbojets) ALB HYPER (RNAV)-STAR	
	or (Turboprops) (AOB 220) ALB V14 CEDOR HNK FQM LEGGO (RNAV)-STAR	1100-0300
ALLETOWN (ABE)		
Cincinnati (CVG)	(RNAV only) ETX SEG PSB KODIE CTW TIGRR (RNAV)-STAR	
Detroit Metro-Wayne Co (DTW)	ETX J80 J518 DJB GEMNI-STAR	
ATLANTIC CITY (ACY)		
Detroit Metro-Wayne Co (DTW).....	LEEAH V268 ENO V29 DQO PENSY J110 LEJOY J518 DJB GEMNI-STAR	
BALTIMORE (BWI) —See Washington/Baltimore Metro		
BANGOR (BGR)		
Cincinnati (CVG)	(DME/DME-IRU or GNSS Required) GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
Detroit Metro Co (DTW)	(DME/DME-IRU or GNSS Required) GONZZ BUF SPICA-STAR	1100-0300
BINGHAMTON (BGM)		
Cincinnati (CVG)	(RNAV only) CFB FQM PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
BOSTON (BOS)		
Atlanta (ATL)	(Turbojets Only—DME/DME IRU or GPS required) BLZZR (RNAV)—DP BLZZR BAF Q448 PTW J48 FLASK WINNING (RNAV)-STAR	1100-0300
Baltimore (BWI).....	(Turbojets only) PATSS (RNAV)—DP PATSS NELIE CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	1100-0300
Boca Raton (BCT)	(Turbojets Only—DME/DME IRU or GPS required) SSOXS (RNAV)—DP SSOXS BUZRD SEY HTO J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	1100-0300
	or (Water) (Turbojets Only—DME/DME IRU or GPS required) SSOXS (RNAV)—DP SSOXS BUZRD SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	1100-0300
Charlotte (CLT)	PATSS (RNAV)—DP PATSS NELIE CMK J75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
Chicago Midway (MDW)	(Turbojets Only—DME/DME IRU or GPS required) HYLND (RNAV)—DP HYLND CAM Q822 GONZZ Q29 JHW DJB J60C ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
Chicago O'Hare (ORD)	(Turbojets Only—DME/DME IRU or GPS required) HYLND (RNAV)—DP HYLND CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	(Turbojets Only—DME/DME IRU or GPS required) REVSS (RNAV)—DP REVSS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
Cleveland (CLE)	(Turbojets Only—DME/DME IRU or GPS required) HYLND (RNAV)—DP HYLND CAM Q822 GONZZ JOSSY HAGAR CXR CHARDON-STAR	1100-0300
Dallas-Ft. Worth (DFW)	(RNAV Turbojets) (DFW South Flow) BLZZR (RNAV)—DP BLZZR BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	
	or (RNAV Turbojets) (DFW North Flow) BLZZR (RNAV)—DP BLZZR BAF Q406 BWZ J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or (All others) BLZZR (RNAV)—DP BLZZR BAF Q406 BWZ J6 LIT WILBR-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Dayton (DAY)	(Turbojets Only–DME/DME IRU or GPS required) BLZZR (RNAV)–DP BLZZR BAF Q480 AIR APE DANEI–STAR	1100–0300
Denver (DEN)	(Turbojets Only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE FNT J94 ONL ANCHR (RNAV)–STAR	1100–0300
Detroit Metro–Wayne Co. (DTW)	(Turbojets Only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND CAM Q822 GONZZ BUF SPICA–STAR	1100–0300
Detroit Satellites:		1100–0300
Ann Arbor (ARB), Young (DET), Windsor (CYQG), Willow Run (YIP)	(Turbojets Only–DME/DME IRU or GNSS required) HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS BOREK LOPVO AXSIS GOHMA (RNAV)–STAR	1100–0300
Pontiac (PTK)	(Turbojets Only–DME/DME IRU or GNSS required) HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS BOREK LOPVO AXSIS SWWAN (RNAV)–STAR	1100–0300
Fort Lauderdale (FLL)	(Turbojets Only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 SWL ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 SWL KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (RSW)	(Turbojets) PATSS (RNAV)–DP PATSS NELIE CMK J75 DUNKN SHFTY (RNAV)–STAR	1100–0300
Greensboro (GSO)	(Turbojets only–DME/DME IRU or GPS required) PATSS (RNAV)–DP PATSS NELIE CMK J75C GVE LYH HENBY–STAR	0000–2359
Houston George Bush Intcntl (IAH)	(Turbojets–DME/DME IRU or GPS) (IAH East Flow) BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	1100–0300
	or	
	(Turbojets) (IAH West Flow) BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	1100–0300
Houston Hobby (HOU)	(Turbojets) BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX WAPPL(RNAV)–STAR	1100–0300
Indianapolis (IND)	BLZZR (RNAV)–DP BLZZR BAF Q480 AIR RINTE SNKPT (RNAV)–STAR	1100–0300
Islip (ISP)	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY V268 HTO V46 CCC	1100–0300
Jacksonville (JAX)	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174C ORF J121C CHS ESENT LUNNI (RNAV)–STAR	1100–0300
Kennedy (JFK)	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY PARCH (RNAV)–STAR	1100–0300
La Guardia (LGA)	(Turbojets only–DME/DME IRU or GPS required) (FL180–FL220) PATSS (RNAV)–DP PATSS NELIE VALRE HAARP–STAR	1100–0300
Las Vegas (LAS)	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 KLYNE FYLLS J110 RSK J64 PGS TYSSN (RNAV)–STAR	1100–0300
Los Angeles (LAX)	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB ODI FSD J114 DVV J60 HEC RIIVR–STAR ..	1100–0300
Memphis (MEM)	(Turbojets only–DME/DME IRU or GPS required) BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 BWG BLUZZ (RNAV)–STAR	1100–0300
Miami (MIA)	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	1100–0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	or (Water–Turbojets only–DME/DME IUR or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	1100–0300
Milwaukee (MKE).....	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE MKG V2 SUDDS	1100–0300
Minneapolis/St Paul (MSP).....	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 KELTI Q812 ZOHAN GRB EAU CLAIRE–STAR	1100–0300
Montreal (CYUL).....	HYLND (RNAV)–DP HYLND LATTS CARTER (RNAV)–STAR	1100–0300
Nashville (BNA).....	(Turbojets only–DME/DME IRU or GPS required) BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 YOCKY DREFT PASLY (RNAV)–STAR	1100–0300
Newark (EWR).....	(Turbojets only–DME/DME IRU or GPS required) (FL180–FL220) PATSS (RNAV)–DP PATSS NELIE FLOSI–STAR	1100–0300
New Orleans (MSY).....	(Turbojets) BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MEI RYTHM–STAR	1100–0300
Orlando Exec (ORL).....	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 ORF J121 CHS J79 OMN CORLL–STAR	1100–0400
	or (Water–Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SEY HTO J174 SWL KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO).....	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 ORF J121 CHS J79 OMN CWRLD–STAR.....	1100–0400
	or (Water–Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SEY HTO J174 SWL KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Ottawa (CYOW).....	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND BUGSY DEANS (RNAV)–STAR	1100–0300
Philadelphia (PHL).....	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY J121 BRIGS JIIMS (RNAV)–STAR.....	1100–0300
Phoenix (PHX).....	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 KLYNE ROD VHP J110 BUM J19 ZUN EAGUL (RNAV)–STAR.....	1100–0300
Pittsburgh (PIT).....	(Turbojets only–DME/DME IRU or GPS required) REVSS (RNAV)–DP REVSS CTR HNK KONJE J190 SLT HAYNZ–STAR	1100–0300
Portland (PDX).....	(Turbojets only–DME/DME–IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP DPR J16 PDT JKNOX HHOOD (RNAV)–STAR	1100–0300
Raleigh–Durham (RDU).....	(Turbojets only–DME/DME IRU or GPS required) SSOXS (RNAV)–DP SSOXS BUZRD SEY HTO J174 SWL KAROO (RNAV)–STAR	1000–0300
Salt Lake City (SLC).....	(Turbojets only–DME/DME IRU or GPS required) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE BAE DBQ J94 OCS NORDK (RNAV)–STAR	1100–0300
San Diego (SAN).....	(Turbojets only–DME/DME IRU or GPS required) BLZZR (RNAV)–DP BLZZR BAF Q480 AIR J80 MCI J24 SLN J18 IPL LYNDI (RNAV)–STAR.....	1100–0300
San Francisco (SFO).....	(Turbojets) HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)–STAR.....	
St Louis (STL).....	(Turbojets only–DME/DME IRU or GPS required) BLZZR (RNAV)–DP HYLND BLZZR BAF Q480 AIR J110 VHP AARCH (RNAV)–STAR.....	1100–0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Seattle (SEA)	(Turbojets only—DME/DME IRU or GPS required) HYLND (RNAV)—DP HYLND HANAA Q816 HOCKE GRB GEP ABR J90 HLN J136 MLP GLASR—STAR	1100–0300
Tampa (TPA)	(Turbojets only—DME/DME IRU or GPS required) PATSS (RNAV)—DP PATSS NELIE CMK J75 TAY DADES (RNAV)—STAR	1100–0300
Toronto (CYYZ)	(Turbojets only—DME/DME IRU or GPS required) HYLND (RNAV)—DP HYLND CAM Q822 GONZZ WOZEE LINNG (CANADIAN RNAV)—STAR	1100–0300
Washington Dulles (IAD)	(Turbojets only—DME/DME IRU or GPS required) (AOA FL240) BLZZR (RNAV)—DP BLZZR BAF HYPER—STAR	1100–0300
	or (Turboprops) (AOB 220) BLZZR BAF SAGES LAAYK MIP SEG LEGGO (RNAV)—STAR	1100–0300
Washington Natl (DCA)	(Turbojets) SSOXS (RNAV)—DP SSOXS BUZRD SEY HTO J174 ZIZZI ATR LAFLN DEALE (RNAV)—STAR	1100–0300
West Palm Beach (PBI)	(Turbojets only—DME/DME IRU or GPS required) SSOXS (RNAV)—DP SSOXS BUZRD SEY HTO J174 ORF J121 CHS J79 OMN FRWAY (RNAV)—STAR	1100–0300
	or (Water—Turbojets only—DME/DME IRU or GPS required) SSOXS (RNAV)—DP SSOXS BUZRD SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)—STAR	1100–0300
Westchester (HPN)	(Turbojets only—DME/DME IRU or GPS required) PATSS (RNAV)—DP PATSS NELIE VALRE VALRE—STAR	1100–0300
BRIDGEPORT (BDR)		
Baltimore (BWI)	(Turbojets) BEADS EMJAY J174 ZIZZI ATR LAFLN MIIDY (RNAV)	
	—STAR	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets) BEADS GEDIC J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)—STAR	
	or (Turbojets) BEADS GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI—STAR	
	or (Turbojets—Water) BEADS GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)—STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE	
	or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 BENEE	
Chicago O'Hare (ORD)	(Turbojets—RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)—STAR	1100–0300
Coleman A Young (DET)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXSIS GOHMA—STAR	
Dallas-Fort Worth (DFW)	(RNAV Turbojets) (DFW South Flow) BEADS V139 SARDI RBV J230 J6 LIT FEWWWW SEEVR (RNAV)—STAR	
	or (RNAV Turbojets) (DFW North Flow) BEADS V139 SARDI RBV J230 J6 LIT FEWWWW BRDJE (RNAV)—STAR	
	or (All others) BEADS V139 SARDI RBV J230 J6 LIT WILBR—STAR	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA—STAR	1100–0300
Detroit Satellites:		
Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD J132 ULW306 KOOPR YQO	

NE, 17 AUG 2017 to 12 OCT 2017

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Fort Lauderdale (FLL)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	
Ithaca (ITH).....	(Turbojets) NEION J223 CORDS CFB V423.....	
Manchester (MHT)	(DME/DME/IRU or GNSS REQUIRED) (at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
Miami (MIA, TMB, HST)	(Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTI CARTER (CANADIAN RNAV)-STAR ..	1100-0300
Orlando Executive (ORL)	BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR.....	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO).....	BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL.....	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Pittsburgh (PIT)	(Turbojets-RNAV 1) COATE Q436 REBBL J190 SLT HAYNE (RNAV)-STAR	
	or	
	(Turboprops) GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG V226 CIP HAYNZ (RNAV)-STAR	
Pontiac (PTK)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
Raleigh/Durham (RDU).....	BEADS CCC148 J174 SWL ARGAL-STAR	
	or	

Terminals	Route	Effective Times (UTC)
Richmond (RIC)	(RNAV equipped) BEADS EMJAY J174 SWL KAROO (RNAV)-STAR	1100-0200
Rochester (ROC)	BEADS CCC148 J174 SWL V139 ARICE JAMIE (Turbojets) NEION J223 CORDS ULW V31 GIBBE... (Turbojets) NEION J223 CORDS CFB V29	
Syracuse (SYR)	BEADS V139 SARDI RBV J230 J75 TAY LZARD-STAR	
Tampa (TPA).....	or (GPS or DME/DME-IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)-STAR	
Washington Dulles (IAD)	(RNAV only) VEERS PWL GANDE DBABE HYPER (RNAV)-STAR	
	or (Turboprops Only) (AOB 220) MOBBS SAGES LAAYK MIP SEG LEGGO GRAVZ (RNAV)-STAR	
Washington Natl (DCA)	BEADS EMJAY J174 ZIZZI ATR V308 BILIT CAPKO	
	or (Turbojets) BEADS EMJAY J174 ZIZZI ATR LAFNL DEALE (RNAV)-STAR	
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Willow Run (YIP)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR.....	
BUFFALO (BUF)		
Cincinnati (CVG)	BUF JHW KODIE CTW CINCE-STAR.....	
	or (RNAV Only) BUF JHW KODIE TIGRR (RNAV)-STAR	
Detroit Satellites: Young (DET), Ann Arbor (ARB)	(RNAV Only) COLTS BOREK LOPVO AXXIS GOHAM (RNAV)-STAR	1100-0300
Kennedy (JFK)	V33 J70 LVZ LENDY-STAR	
La Guardia (LGA)	(Above 250 KTS) V14 GEE RKA HAARP-STAR.....	1100-0300
	or (Turbojet) AUDIL RKA NOBBI-STAR	1100-0300
Newark (EWR).....	(DME/DME-IRU or GNSS Required) V14 BEEPS Q140 KODEY HNK FLOSI (RNAV)-STAR.....	1100-0300
Philadelphia (PHL)	V33 BFD PSB HAR V210 BUNTS	
BURLINGTON (BTV)		
Chicago O'Hare (ORD)	(DME/DME-IRU or GNSS Required) ALVID DEDKI HÖCKE FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	(Turbojets only-DME/DME-IRU or GNSS Required) GONZZ JOSSY MAULL KODIE CTW TIGRR-STAR	1100-0300
Detroit Metro Wayne Co (DTW).....	(Turbojets only-DME/DME-IRU or GNSS Required) GONZZ BUF SPICA-STAR	1100-0300
La Guardia (LGA)	ALB HAARP-STAR	1100-0300
Newark (EWR).....	(RNAV only) ALB FLOSI (RNAV)-STAR	1100-0300
Philadelphia (PHL)	(Turbojets only) ALB DNY SLATT-STAR	
Pittsburgh (PIT).....	ALB HNK KONJE SLT HAYNZ (RNAV)-STAR.....	1100-0300
Washington Dulles (IAD)	(RNAV only) ALB HYPER (RNAV)-STAR	1100-0300
	or (Turboprops) (AOB 220) ALB HNK FQM LEGGO (RNAV)-STAR.....	1100-0300
CALDWELL (CDW)		
Auburn/Lewiston (LEW)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON.....	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Augusta (AUG).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS MESH... ..	1100-0300
Bangor (BGR)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
Bar Harbor (BHB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
Barre/Montpelier (MPV)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Burlington (BTV)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM.....	1100-0300
Concord (CON)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Keene (EEN)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Laconia (LCI)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
Lake Placid (LKP)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM.....	1100-0300
Lebanon (LEB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Manchester (MHT)	(at or above FL190) BREZY V39 CMK GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
	or	
	(Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP-STAR.....	1100-0300
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) (at or above FL190) BREZY V39 CMK GREKI JUDDS CAM LATTs CARTER (RNAV)-STAR.....	
Nantucket (ACK)	(Jets only) (FL180-FL230 only) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR..	1100-0300
Nashua (ASH)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM EEN MHT	1100-0300
Portland (PWM)	(FL180 and above) BREZY V39 CMK GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(FL190-FL230) GREKI JUDDS CAM CON	1100-0300
Rockland (RKD).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
Rutland (RUT)	(FL190 and above) GREKI V419 JUDDS CAM.....	1100-0300
Waterville (WVL).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
CHARLOTTESVILLE (CHO)		
Cincinnati (CVG)	HNN090/50 GAVNN	
	or	
	(RNAV only-at or below FL220) HNN GAVNN (RNAV)-STAR.....	
	or	
	(all others-at or above FL240) HNN090/50 HNN JAVIT-STAR	
	or	
	(all others-at or below FL220) HNN JAVIT-STAR.....	
HARRISBURG (MDT)		
Chicago (ORD).....	(advanced RNAV) HAR V33 MCMAN Q62 WATSN WATSN (RNAV)-STAR	

Terminals

Cincinnati (CVG)

Route

MRB J6 COLNS BRUSH-STAR
or
(RNAV only) MRB J6 COLNS GAVNN (RNAV)-STAR

ITHACA (ITH)

Detroit Satellites:

Young (DET), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)

(RNAV Only) COLTS BOREK LOPVO AXSIS GOHMA (RNAV)-STAR

Pontiac (PTK)

(RNAV Only) COLTS BOREK LOPVO AXSIS SWWAN (RNAV)-STAR

LONG ISLAND (Mac Arthur) (ISP)

Baltimore (BWI)

BEADS EMJAY J174 ZIZZI ATR V308 LAFNL MIIDY (RNAV)-STAR

Binghamton (BGM).....

(Turbojets) NEION J223 CORDS CFB

Boca Raton (BCT)

(Turbojets) BEADS EMJAY J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR

or
(Turbojets) BEADS EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR

Buffalo (BUF).....

(Turbojets) NEION J223 CORDS ULW ULW306 BENE

Chicago O'Hare (ORD)

(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR

Cincinnati (CVG)

(RNAV only) BEADS V139 SARDI RBV J230 SAAME J6 COLNS GAVNN (RNAV)-STAR

or
(all others) BEADS V139 SARDI RBV J230 SAAME J6 COLNS BRUSH-STAR.....

Dallas-Fort Worth (DFW)

(RNAV Turbojets) (DFW South Flow) RBV J230 J6 LIT FEWWWW SEEVR (RNAV)-STAR.....

or
(RNAV Turbojets) (DFW North Flow) RBV J230 J6 LIT FEWWWW BRDJE (RNAV)-STAR.....

or
(All others) RBV J230 J6 LIT WILBR-STAR.....

Fort Lauderdale (FLL)

(Turbojets) BEADS EMJAY J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR

or
BEADS ENJAY J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR.....

Fort Myers (RSW)

(Turbojets) BEADS EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR

Ithaca (ITH)

(Turbojets) NEION J223 CORDS CFB V423

Manchester (MHT).....

(DME/DME/IRU or GNSS REQUIRED) (at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR

Miami (MIA)

(Turbojets) BEADS EMJAY J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR.....

or
(Turboprops) BEADS EMJAY J174 ORF J121 CHS J79 OMN ANNEY-STAR.....

or
(Turbojets) BEADS EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR

1100-0300

Montreal (CYUL)

(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTS CARTER (CANADIAN RNAV)-STAR ..

Orlando Intl (MCO)

BEADS EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR

or
BEADS EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....

Pittsburgh (PIT).....

(Turbojets-RNAV 1) COATE Q436 REBBL J190 SLT HAYNZ (RNAV)-STAR.....

or
(Props) GAYEL V374 MSLIN LAAYK Q436 DGRAE ETG V226 CIP HAYNZ (RNAV)-STAR

Richmond (RIC)

BEADS EMJAY J174 SWL V139 ARICE JAMIE

Terminals	Route	Effective Times (UTC)
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE ...	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa TPA.....	BEADS V139 SARDI RBV J230 J75 TAY LZARD-STAR	
Washington Dulles (IAD)	BEADS V139 SARDI RBV HYPER (RNAV)-STAR	
Washington Natl (DCA).....	(Turbojet) BEADS EMJAY J174 ZIZZI ATR LAFLN DEALE (RNAV)-STAR	
West Palm Beach (PBI).....	(Turbojets) BEADS EMJAY J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or (Turbojets) BEADS EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	
MANCHESTER (MHT)		
Atlanta (ATL)	(RNAV only) PPORT (RNAV)-DP SHOEL COTEE BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	
Baltimore (BWI).....	(Turbojets only) PPORT (RNAV)-DP SHOEL JJIMY NELIE CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	
	or (Turbojets only) PPORT (RNAV)-DP NELIE CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	1100-0300
Chicago Midway (MDW)	(DME/DME-IRU or GNSS Required) CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
Chicago O'Hare (ORD).....	(Turbojets Only) (DME/DME-IRU or GNSS Required) CAM Q822 FNT WYNDE (RNAV)-STAR.....	1100-0300
Cincinnati (CVG)	(Turbojets only) (DME/DME-IRU or GNSS Required) CAM Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
Denver Intl (DEN)	(Turbojets only) (DME/DME-IRU or GNSS Required) HANAA Q816 HOCKE F94 ONL ANCHR (RNAV)-STAR	1100-0300
Detroit Metro Wayne Co (DTW).....	(Turbojets only: DME/DME/IRU or GNSS Required) CAM Q822 GONZZ BUF SPICA-STAR	1100-0300
Detroit Satellites:		
Young (DET), Windsor (CYQG), Willow Run (YIP), Ann Arbor (ARB)	(DME/DME-IRU or GNSS Required) CAM Q822 GONZZ COLTS BOREK LOPVO AXIS GOHMA-STAR	1100-0300
Pontiac (PTK)	(DME/DME-IRU or GNSS Required) CAM Q822 GONZZ COLTS BOREK LOPVO AXIS SWANN-STAR	1100-0300
	or SYR J547 YXU SWWAN-STAR	1100-0300
Orlando (MCO)	(Advanced RNAV only) COTEE (RNAV)-DP PPORT NELIE CMK J75 CAE J75 DUNKN AMG BUGGZ-STAR	1100-0300
	or (RNAV only) PPORT (RNAV)-DP SGIEK JJIMY NELIE CMK J75 CAE J75 DUNKN AMG BUGGZ-STAR...	1100-0300
Tampa (TPA)	(Advanced RNAV only) PPORT (RNAV)-DP NELIE CMK J75 TAY DADES (RNAV)-STAR	1100-0300
	or (RNAV only) PPORT SHOEL JJIMY NELIE CMK J75 TAY DADES (RNAV)-STAR	1100-0300
Wash Dulles (IAD).....	(Advanced RNAV only) PPORT (RNAV)-DP BAF HYPER (RNAV)-STAR.....	
	or (Turboprops) (AOB 220) CAM ALB HNK FQM LEGGO (RNAV)-STAR	1100-0300
Wash Natl (DCA)	(Advanced RNAV only) PORT NELIE CMK J75 MXE V378 BAL.....	1100-0300
	or (RNAV only) PPORT SHOEL JJIMY NELIE CMK J75 MXE V378 BAL	1100-0300
MONTREAL (CYL)		
Kennedy (JFK)	(DME/DME-IRU or GNSS Required) BUGSY J570 ALB IGN KINGSTON-STAR	1100-0300
La Guardia (LGA)	BUGSY ALB HAARP-STAR	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
MORRISTOWN (MMU)		
Auburn/Lewiston (LEW)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON.....	1100-0300
Augusta (AUG)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON.....	1100-0300
	or	
Bangor (BGR)	(FL250 and above) MERIT HFD PUT BOS MESH... (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300 1100-0300
	or	
Bar Harbor (BHB)	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS.....	1100-0300
	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
Barre/Montpelier (MPV)	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS.....	1100-0300
	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Burlington (BTV)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Concord (CON)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Keene (EEN)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Laconia (LCI)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Lake Placid (LKP)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Lebanon (LEB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Manchester (MHT)	(FL190 and above) BREZY V39 CMK GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR.....	1100-0300
	or	
	(Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP-STAR	1100-0300
Marco Isle (MKY).....	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) (at or above FL190) BREZY V39 CMK GREKI JUDDS CAM LATT CARTER (RNAV)-STAR	
Nantucket (ACK)	(Jets only) (FL180-FL230 only) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR .	1100-0300
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Nashua (ASH).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM EEN MHT	1100-0300
Portland (PWM)	(FL180 and above) BREZY V39 CMK GREKI JUDDS CAM CDOGG (RNAV)-STAR.....	1100-0300
Portsmouth (PSM)	(FL190-FL230) GREKI JUDDS CAM CON.....	1100-0300
Rockland (RKD)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON.....	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS.....	1100-0300
Rutland (RUT)	(FL190 and above) GREKI V419 JUDDS CAM	1100-0300
Waterville (WVL)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS.....	1100-0300
NEWBURGH (SWF)		
Cincinnati (CVG)	(RNAV 1) WEARD LAAYQ Q436 DGRAF J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	NE, 17 AUG 2017 to 12 OCT 2017	

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Terminals	Route	Effective Times (UTC)
Manchester (MHT)	(Jets only) (FL190 and above) STUBY MUCOW ROZZE (RNAV)-STAR	1100-0300
NEW HAVEN (HVN)		
Baltimore (BWI)	(Turbojets) BEADS EMJAY J174 ZIZI ATR LAFLN MIIDY (RNAV)STAR	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE	
	or (Turbojets) GAYEL J95 CFB V270 ULW ULW306 BENEE	
Chicago O'Hare (ORD)	(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR	
Coleman A Young (DET)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
Dallas-Fort Worth (DFW)	(RNAV Turbojet) (DFW South Flow) RBV J230 J6 LIT FEWWWW SEEVR (RNAV)-STAR	
	or (RNAV Turbojet) (DFW North Flow) RBV J230 J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or (All others) RBV J230 J6 LIT WILBR-STAR	
Detroit Satellites: Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	1100-0300
Fort Lauderdale (FLL)	(Water-Turboprops) BEADS CCC148 J174 ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	
	or (Water-Turboprops-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Manchester (MHT)	(DME/DME-IRU or GNSS Required)(at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
Miami (MIA)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	

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Terminals	Route	Effective Times (UTC)
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS.....	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR.....	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTS CARTER (CANADIAN RNAV)-STAR .	1100-0300
Newark (EWR)	(DME/DME/IRU or GNSS REQUIRED) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR.....	1100-0300
Orlando Executive (ORL).....	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL....	
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Orlando Intl (MCO)	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Pittsburgh (PIT)	(Turbojets-RNAV 1) COATE Q436 REBBL J190 SLT HAYNZ (RNAV)-STAR	
	or (Props) GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG V226 CIP HAYNZ (RNAV)-STAR	
Richmond (RIC).....	(DME/DME/IRU or GPS) BEADS CCC148 J174 SWL V139 ARICE JAMIE	
Syracuse (SYR).....	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	BEADS V139 SARDI RBV J230 J75 TAY LZARD-STAR	
	or (GPS or DME/DME-IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)-STAR (RNAV only) BEADS V139 SARDI RBV HYPER (RNAV)-STAR	
Washington Dulles (IAD).....	BEADS EMJAY J174 ZIZZI ATR V308 BILIT CAPKO or (Turbojet) BEADS EMJAY J174 ZIZZI ATR LAFLN DEALE (RNAV)-STAR	
Washington Natl (DCA)	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR.....	
NEW YORK METRO AREA From KENNEDY (JFK) only		
Atlanta (ATL)	RBV J230 J48 ODF WHINZ-STAR..... or (RNAV only) RBV J230 BYRDD J48 FLASK WINNG RNAV-STAR	
Augusta (AGS)	RBV J230 J48 ODF WHINZ-STAR.....	1100-0300
Augusta (AUG)	RBV J230 J75 GVE J37 SPA.....	1100-0300
Baltimore (BWI).....	(FL190 and above) GREKI JUDDS CAM CON	
Bangor (BGR)	(Turbojets only) RBV J230 COPES J75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	
Binghamton (BGM)	(FL190 and above) GREKI JUDDS CAM ENE	1100-0300
Boca Raton (BCT)	(Turbojets) NEION J223 CORDS CFB.....	
	(Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL.....	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
Boston (BOS)	(Jets only) (FL180-FL230) MERIT ROBUC (RNAV)-STAR	1100-0300
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE.....	
	or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 BENEE.....	
Burlington (BTV)	GREKI V419 JUDDS CAM	
	or (Jets only) (FL190 and above) GREKI JUDDS CAM ..	1100-0300
Charleston (CHS)	WAVEY EMJAY J174 SWL J121	
	or (DME/DME-IRU or GPS) WAVEY EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	
Charlotte (CLT)	J230 J75 GVE LYH MAJIC-STAR	
Charlottesville (CHO).....	RBV J230 J75 GVE.....	
Chicago Midway (MDW)	(RNAV 1) DEEZZ (RNAV)-DP CANDR J60 DJB BAGEL PANGG (RNAV)-STAR	
Chicago O'Hare (ORD)	(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR.....	
Cincinnati (CVG)	(RNAV only) RBV J230 SAAME J6 COLNS GAVNN (RNAV)-STAR.....	
	or (all others) RBV J230 SAAME J6 COLNS BRUSH-STAR.....	
Cleveland (CLE)	(RNAV equipped only) DEEZZ (RNAV)-DP CANDR J60 PSB PSB292 YNG CHARDON-STAR	
	or (Non-RNAV equipped only) (Max altitude FL280) COATE Q436 DGRAF J49 PSB YNG CHARDON-STAR	
Columbia (CAE)	RBV J230 J75	
Columbus (CMH)	RBV J230 AIR FRICC BREMN	
Dallas-Fort Worth (DFW).....	(RNAV Turbojets) (DFW South Flow) RBV J230 J6 LIT FEWWW SEEVR (RNAV)-STAR	
	or (RNAV Turbojets) (DFW North Flow) RBV J230 J6 LIT FEWWW BRDJE (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	
	or	
	(All others) RBV J230 J6 LIT WILBR-STAR	
Dayton (DAY)	RBV J230 AIR APE DANEI-STAR	
Denver (DEN)	(RNAV equipped) RBV J230 AIR APE J178 FWA JOT J60 IOW J10 OBH KOHOE (RNAV)-STAR	
Detroit Metro-Wayne Co (DTW)	GAYEL J95 CFB TRAAD KOOPR YQO SPICA-STAR .	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP), Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Ann Arbor (ARB), Young (DET), Windsor (CYQG)	GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
Pontiac (PTK)	GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS SWANN-STAR	
Fayetteville (FAY)	RBV J230 J75 GVE SBV RDU	
Ft Lauderdale Metro Area (FLL, FXE, OPF)	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Water-Turboprops) WAVEY EMJAY J174 ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	
	(Water-Turboprops-GPS OR DME/DME-IRU equipped) WAVEY EMJAY J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
	or	
	(WATER-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Greensboro (GSO)	RBV J230 J75 GVE LYH V222 HENBY	0000-2359
Houston George Bush Intcntl (IAH)	(Turbojets) (IAH East Flow) RVB J230 BYRDD J48 CSN FANPO Q40 AEX SKNRD(RNAV)-STAR	
	or	
	(Turbojets) (IAH West Flow) RBV J230 BYRDD J48 CSN FANPO Q40 AEX DOOBI(RNAV)-STAR	
	or	
	(Turbojets, Turboprops) (IAH East Flow) RBV J230 SAAME J6 LIT J180 SWB GESNR(RNAV)-STAR ..	
	or	
	(Turbojets, Turboprops) (IAH West Flow) RBV J230 SAAME J6 LIT J180 ZEEKK(RNAV)-STAR	
Houston Hobby (HOU)	(Turbojets) RBV J230 BYRDD J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR	
	or	
	(Turbojets-DME/DME/IRU or GPS) RBV J230 SAAME J6 LIT J180 SWB WAPPL (RNAV)-STAR	
Indianapolis (IND)	(Turbojets) RBV J230 AIR J80 ZANOR RINTE SNKPT (RNAV)-STAR	
	or	
	(Turbojets) RBV J230 SAAME BRNAN Q42 HIDON RINTE SNKPT (RNAV)-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Jacksonville (JAX)	(Turbojets only, GPS or DME/DME-IRU required) WAVEY EMJAY J174 ORF J121 CHS ESENT LUNNI (RNAV)-STAR	
Kansas City (MKC)	RBV J230 AIR J80 SPI BRAYMER-STAR	
Knoxville (TYS)	RBV J230 BYRDD J48 CNS FANPO Q40 ALEAN VXV	
Los Angeles (LAX)	RBV J230 AIR J80 MCI J24 SLN J102 ALS J44 RSK.....	
Louisville (SDF)	RBV J230 J6 HVQ J6 YOCKY DARB-STAR	
Manchester (MHT)	(DME/DME/IRU or GNSS REQUIRED) (at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
Marco Island (MKY).....	(GPS or DME/DME-IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Memphis (MEM)	(non RNAV) RBV J230 J6 BWG WLDER-STAR	
	or (RNAV only) RBV J230 SAAME J6 BWG BLUZZ (RNAV)-STAR	
Miami Metro (MIA, TMB, HST)	(Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or (Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSI MILSY BOYUR HILEY KAINS	
	or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 ANNEY-STAR.....	
Milwaukee (MKE).....	(RNAV Only) COATE Q436 RAAKQ Q438 RUBY MKG V2 SUDDS	
Minneapolis (MSP).....	(DME/DME-IRU or GNSS Required) GAYEL Q818 WOZEE NOSIK Q812 ZOHAN GRB EAU CLAIRE-STAR.....	1100-0300
Montreal (CYUL).....	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTs CARTER (RNAV)-STAR	1100-0300
Nantucket (ACK)	(Jets only) (FL180-210) BETTE DEEPO (RNAV)-STAR	1100-0300
Naples (APF).....	(Turbojets-GPS or DME/DME-IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA).....	RBV J230 J6 YOCKY GUITR-STAR	
New Orleans (MSY).....	RBV J230 BYRDD J48 CNS FANPO Q40 NIOLA MEI RYTHM-STAR	
Norfolk (ORF).....	WAVEY EMJAY J174 SWL V139 CCV.....	
Orlando Executive (ORL)	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Orlando Intl (MCO).....	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL.....	
	or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400

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Terminals	Route	
Phoenix (PHX)	RBV J230 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	(Turbojets-RNAV 1) COATE Q436 REBBL J190 SLT HAYNZ (RNAV)-STAR	
	or	
	(Props) GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG V226 CIP HAYNZ (RNAV)-STAR	
Raleigh/Durham (RDU)	WAVEY EMJAY J174 SWL ARGAL-STAR	
	or	
	(RNAV equipped) WAVEY EMJAY J174 SWL KAROO (RNAV)-STAR	
Richmond (RIC)	(DME/DME/ IRU or GPS) WAVEY EMJAY J174 SWL V139 ARICE JAMIE	
Roanoke (ROA)	RBV J230 J48 MOL	
	(Turbojets) NEION J223 CORDS ULW V31 GIBBE...	
Rochester (ROC)		
Salt Lake City (SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ J94 OCS NORDK (RNAV)-STAR	
San Francisco (SFO)	(Turbojet) GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)-STAR.	
Sarasota/Bradenton (SRQ)	RBV J230 J75 TAY J85 GNV LAL	
Savannah (SAV)	WAVEY EMJAY J174 ORF J121 CHS	
St. Louis (STL)	RBV J230 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	RBV J230 J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	RBV J230 J75 TAY LZARD-STAR	
	or	
	(GPS or DME/DME-IRU equipped) RBV J230 J75 TAY DADES (RNAV)-STAR	
Toronto (CYYZ)	GAYEL Q818 WOZEE LINNG (RNAV)-STAR	
Washington Dulles (IAD)	(RNAV only) RBV HYPER (RNAV)-STAR	
Washington Natl (DCA)	(Turbojets FL 180-220) WAVEY EMJAY J174 ZIZZI ATR V308 BILIT GAPKO	
	or	
	(Turbojets) (FL180-FL220) WAVEY EMJAY J174 ZIZZI ATR LAFLN DEALE (RNAV)-STAR	
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or	
	(Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or	
	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Willow Run (YIP)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
From LA GUARDIA (LGA) only		
Akron/Canton (CAK)	NEWEL J60 PSB PSB292 YNG V72 ACO	
Allegheny County (AGC)	(RNAV equipped only) ZIMMZ Q42 MIKYQ Q480 VINSE DEMME (RNAV)-STAR	
	or	
	(Non-RNAV equipped only) NEWEL J60 PSB HAYNZ (RNAV)-STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ-STAR	
	or	
	(RNAV only) LANNA J48 FLASK WINNG (RNAV)-STAR	
Auburn/Lewiston (LEW)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Augusta (AGS)	BIGGY J75 GVE J37 SPA	
Augusta (AUG)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS MESHL ..	1100-0300

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Terminals	Route	Effective Times (UTC)
Baltimore (BWI)	(Turbojets only) BIGGY J75 MXE V378 NUGGY TRISH (RNAV)-STAR	
Bangor (BGR)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
Bar Harbor (BHB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB.....	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL.....	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
Boston (BOS)	(DME/DME-IRU or GNSS Required) MERIT ROBUC (RNAV)-STAR	1100-0300
Buffalo (BUF)	(DME/DME-IRU or GNSS Required) MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
	(Turboprops) COATE Q436 MTCAF ULW ULW306 BENE.....	
Burlington (BTV)	GREKI V419 JUDDS CAM	
	or	
	(Jets only) (FL190 and above) GREKI JUDDS CAM ..	1100-0300
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS... ..	
	or	
	(DME/DME-IRU or GPS) WHITE J209 SBY J79 BLAMO AMYLU (RNAV)-STAR	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR	
Charlottesville (CHO)	BIGGY J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago Midway (MDW)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR ..	
Chicago O'Hare (ORD)	(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR	
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR	
	or	
	(all others) PARKE J6 COLNS BRUSH-STAR	
Cleveland (CLE)	NEWEL J60 PSB PSB292 YNG CHARDON-STAR....	
Columbus (CMH)	(RNAV only) ZIMMZ Q42 MIKYG Q480 AIR BREMN	
	or	
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC TVT APE	
Concord (CON)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
Dallas-Fort Worth (DFW).....	(RNAV Turbojets) (DFW South Flow) PARKE J6 LIT FEWWWW SEEVYR (RNAV)-STAR	
	or	
	(RNAV Turbojets) (DFW North Flow) PARKE J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or	
	(All others) PARKE J6 LIT WILBR-STAR	
Dayton (DAY).....	(RNAV only) ZIMMI Q42 MIKYG Q480 AIR APE DANEI-STAR	
	or	

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Terminals	Route	
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC APE DANEI-STAR	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Dekalb/Peachtree (PDK)	LANNA J48 FLASK VIEWS DEHAN (RNAV)-STAR .. (RNAV equipped) NEWEL J60 IOW J10 OBH KOHOE (RNAV)-STAR	
Denver (DEN)	GAYEL J95 CFB TRAAD KOOBR YQO SPICA-STAR . BIGGY J75 GVE SBV RDU	
Detroit Metro Wayne Co (DTW)	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
Fayetteville (FAY)	or (Water-Turbojets GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
Fort Lauderdale (FLL, FXE, OPF)	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS OMN FISEL (RNAV)-STAR	
	or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 VRB BLUFI-STAR	
	or (Water-Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Water-Turboprops GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
	or (WATER-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Fort Wayne (FWA)	NEWEL J60 DANNR RAV J64	
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY	0000-2359
Greer (GSP)	BIGGY J75 GVE J37 LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(Turbojets-GPS or DME/DME-IRU or GPS) (IAH East Flow) LANNA J48 MOL J22 VUZ MEI AEX SKNRD (RNAV)-STAR	
	or (Turbojets-DME/DME/IRU or GPS) (IAH West Flow) LANNA J48 MOL J22 VUZ MEI AEX DOOBI (RNAV)-STAR	
Houston Hobby (HOU)	(Turbojets-DME/DME/IRU or GPS) LANNA J48 MOL J22 VUZ MEI AEX WAPPL (RNAV)-STAR	
Indianapolis (IND)	(Turbojets) (max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)-STAR	
	or (Turbojets) (AOA FL260) ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets only, GPS or DME/DME-IRU required) WHITE J209 SBY J79 CHS ESENT LUNNI (RNAV)-STAR	
Kansas City (MKC)	(RNAV equipped only) ZIMMZ Q42 MIKYQ Q40 AIR J80 SPI BRAYMER-STAR	
	or (Non-RNAV equipped only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80 SPI BRAYMER-STAR	
Keene (EEN)	(FL190 and above) GREKI JUDDS CAM	1100-0300

Terminals	Route	Effective Times (UTC)
Knoxville (TYS)	LANNA J48 MOL J22	
Laconia (LCI)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Lake Placid (LKP)	(Jets only) (FL190 and above) GREKI JUDDS CAM ..	1100-0300
Lebanon (LEB)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Louisville (SDF)	PARKE J6 HVQ J6 YOCKY DARBY-STAR	
Manchester (MHT)	(Jets only) (FL190 and above) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
	or	
	(Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP-STAR	1100-0300
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Memphis (MEM)	(non RNAV) PARKE J6 BWG WLDER-STAR	
	or	
	(RNAV only) PARKE J6 BWG BLUZZ (RNAV)- STAR	
Miami Metro Area (MIA, TMB, HST)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Turbojets-GPS or DME-DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSIL MILSY BOUYR HILEY KAINS	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	COATE Q436 RAAKK Q438 RUBY MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL Q818 WOZEE NOSIK ZOHAN GRB EAU CLAIRE-STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXISIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	(RNAV equipped) GREKI JUDDS CAM J222 PLB CARTER (RNAV)-STAR	
Nantucket (ACK)	(Jets only) (FL180-FL230 only) BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashua (ASH)	(FL190 and above) GREKI JUDDS MARTN EEN	1100-0300
Nashville (BNA)	PARKE J6 YOCKY GUITR-STAR	
New Orleans (MSY, NEW)	LANNA J48 MOL J22 MEI J31	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Omaha (OMA)	NEWEL J60 IOW DSM	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR J110 STL J19 ZUN EAGUL (RNAV)-STAR	
	or	
	(Non-RNAV equipped only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J110 STL J19 ZUN BUNTR-STAR	
Pittsburgh (PIT)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
Portland (PWM)	(FL180 and above) GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Raleigh/Durham (RDU)	WHITE J209 CYN J37 CLASY J191 PXT V213 HPW ARGAL-STAR	
	or	
	(RNAV equipped) WHITE J209 CYN J37 CLASY J191 PXT V213 HPW KAROO (RNAV)-STAR	
Richmond (RIC)	(DME/DME/IRU or GPS) WHITE J209 SBY V1 JAMIE	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE...	
	or	
	(Props) COATE Q436 LAAYK CFB V252 GIBBE.....	
Rockland (RKD)	(FL250 and above) MERIT HFD PUT BOS	1100-0300
	or	
	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Rutland (RUT)	(FL190 and above) GREKI V419 JUDDS CAM	1100-0300
Salt Lake City (SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ J94 OCS NORDK (RNAV)-STAR	
Saranac Lake (SLK)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH-STAR	
	or	
	(Non-RNAV equipped only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80 VHP VANDALIA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
	or	
	(Props) COATE Q436 LAAYK CFB	
Tampa (TPA)	BIGGY J75 TAY LZARD-STAR	
Toledo (TOL)	NEWEL J60 DJB VVV	
Toronto (CYYZ)	(RNAV Only) GAYEL Q818 WOZEE LINNG (CANADIAN RNAV)-STAR	
	or	
	(Props) COATE Q436 MTCAF ULW WOZEE VERKO (RNAV)-STAR	
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	(RNAV only) PARKE HYPER (RNAV)-STAR	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75 MXE CLIPR (RNAV)-STAR	
Waterville (WVL)	(FL190 and above) GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
Winston-Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	NEWEL J60 PSB PSB29 DBEAM	
From NEWARK (EWR) only		
Akron (CAK)	NEWEL J60 PSB PSB292 YNG V72 ACO	
Akron (AKR)	NEWEL J60 PSB PSB292 YNG V72 ACO	
Allegheny County (AGC)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
	or	
	(RNAV equipped only) NEWEL J60C PSB HAYNZ (RNAV)-STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ-STAR	
	or	
	(RNAV only) LANNA J48 FLASK WINNG (RNAV)-STAR	
Auburn/Lewiston (LEW)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Augusta (AGS)	BIGGY J75 GVE J37 SPA	1100-0300
Augusta (AUG)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS MESH... (Turbojets only) BIGGY J75 MXE V378 NUGGY TRISH (RNAV)-STAR	1100-0300
Baltimore (BWI)		
Bangor (BGR)	(FL190 and above) GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
Bar Harbor (BHB)	(FL190 and above) GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
Barre/Montpelier (MPV)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Binghamton (BGM)	NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 CSN FANPO Q40 NIOLA VUZ	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Boston (BOS)	(Jets only) (FL180-FL230) MERIT ROBUK (RNAV)-STAR	1100-0300
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE	
	or	
	(Turboprops) COATE Q436 MTCAF ULW ULW306 BENEE	
Burlington (BTV)	(Jets only) (FL190 and above) GREKI JUDDS CAM ..	1100-0300
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS... or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 BLAMO AMYLU (RNAV)-STAR	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR	1100-0300

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Terminals	Route
Charlottesville (CHO)	BIGGY J75 GVE
Chattanooga (CHA)	LANNA J48 CSN FANPO Q40 ALEAN VXV
Chicago Midway (MDW)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR .
Chicago O'Hare (ORD)	(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR
Cincinnati (CVG)	PARKE J6 COLNS HNN JAVIT-STAR
	or
	COLNS JAVIT-STAR
	or
	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR
	or
	(all others) PARKE J6 COLNS BRUSH-STAR
Cleveland (CLE)	NEWEL J60 PSB PSB292 YNG CHARDON-STAR...
	or
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC TVT APE.....
Coleman A Young (DET)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXSIS GOHMA-STAR
Columbus (CMH)	(RNAV equipped only) ZIMMZ Q42 BTRIX Q480 AIR BREMN-STAR
Concord (CON)	(FL190 and above) GREKI JUDDS CAM
Dallas-Fort Worth (DFW)	(RNAV Turbojet) (DFW South Flow) PARKE J6 LIT FEWWWW SEEVR (RNAV)-STAR
	or
	(RNAV Turbojet) (DFW North Flow) PARKE J6 LIT FEWWWW BRDJE (RNAV)-STAR
	or
	(All others) PARKE J6 LIT WILBR-STAR
Dayton (DAY)	(RNAV equipped only) ZIMMZ Q42 BTRIX Q480 APE DANEI-STAR
	or
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC APE DANEI-STAR
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN
Dekalb/Peachtree (PDK)	LANNA J48 FLASK VIEWS DEHAN (RNAV)-STAR .
Denver (DEN)	(RNAV equipped) NEWEL J60 IOW J10 OBH KOHOE (RNAV)-STAR
Detroit Metro Wayne Co (DTW)	GAYEL J95C CFB TRAAD KOOPR YQO SPICA-STAR
Detroit Satellites:	
Windsor (CYQG),	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO
Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG
Fayetteville (FAY)	BIGGY J75 GVE SBV RDU
Fort Lauderdale (FLL)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR
	or
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR
	or
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR
	or
	(Water-Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR
	or
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR
	or
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI-STAR
	or

1100-0300

Terminals	Route	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	NEWEL J60 DANNR RAV J64	
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY	0000–2359
Greer (GSP)	BIGGY J75 GVE J37 LYH GMONY WAMUR JUNNR JUNNR (RNAV)–STAR	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcnl (IAH)	(Turbojets–DME/DME/IRU or GPS) (IAH East Flow) LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	
	or	
	(Turbojets–DME/DME/IRU or GPS) (IAH West Flow) LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	
Houston Hobby (HOU)	(Turbojets) LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
Indianapolis (IND)	(Turbojets, Max altitude FL280) NEWEL J60C DANNR RAV J64 CASIO RINTE SNKPT (RNAV)–STAR	
	or	
	(Turbojets, AOA FL260) ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Kansas City (MKC)	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J80 SPI BRAYMER–STAR	
	or	
	(Non–RNAV Equipped Only) (Max altitude FL280) NEWEL J60C DANNR RAV J64 CASIO FYLLS J80C SPI BRAYMER–STAR	
Keene (EEN)	(FL190 and above) GREKI JUDDS CAM	1100–0300
Knoxville (TYS)	LANNA J48 CSN FANPO Q40 ALEAN XVX	
Laconia (LCI)	(FL190 and above) GREKI JUDDS CAM	1100–0300
Lake Placid (LKP)	(Jets only) (FL190 and above) GREKI JUDDS CAM ..	1100–0300
Lebanon (LEB)	(FL190 and above) GREKI JUDDS CAM	1100–0300
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS RIIVR–STAR	
	or	
	(Non–RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80C MCI J24 SLN J102 ALS J44 RSK J64 PGS DOWNE–STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Manchester (MHT)	(Jets only) (FL190 and above) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
	or	
	(Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP–STAR	1100–0300
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	
Memphis (MEM)	(non RNAV) PARKE LRP J6 BWG WLDER–STAR	
	or	
	(RNAV only) PARKE J6 BWG BLUZZ (RNAV)– STAR	
Miami (MIA)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	(RNAV Equipped Only) COATE Q436 RAAKK Q438 RUBYV MKG V2 SUDDS	
Minneapolis (MSP)	(DME/DME-IRU or GNSS Required) GAYEL Q818 WOZEE NOSIK Q812 ZOHAN GRB EAU CLAIRE-STAR	1100-0300
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTI CARTER (CANADAIAN RNAV)-STAR	1100-0300
Nantucket (ACK)	(Jets only) (FL180-FL230) BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashua (ASH)	(FL190 and above) GREKI JUDDS MARTN EEN	1100-0300
Nashville (BNA)	PARKE J6 YOCKY GUITR- STAR	
New Orleans (MSY)	LANNA J48 CSN FANPO Q40 NIOLA MEI RYTHM-STAR	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Omaha (OMA)	NEWEL J60 IOW DSM	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J110 STL J19 ZUN EAGLE (RNAV)-STAR	
	or	
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J110 STL J19 ZUN BUNTR-STAR	
Pittsburgh (PIT)	(RNAV only) ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
Pontiac (PTK)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXSIS GOHMA-STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO or (FL180 and above) GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Raleigh-Durham (RDU)	ELVAE COL WHITE J209 CYN J37 CLASY J191 PXT V213 HPW ARGAL-STAR	
	or	
	(RNAV equipped) ELVAE COL WHITE J209 CYN J37 CLASY J191 PXT V213 HPW KAROO (RNAV)-STAR	

Terminals	Route	Effective Times (UTC)
Richmond (RIC)	WHITE J209 SBY V1 JAMIE.....	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE ... or (Turboprops) COATE J36 LHY CFB V252 GIBBE	
Rockland (RKD)	(FL250 and above) MERIT HFD PUT BOS	1100-0300
	or (FL190 and above) GREKI JUDDS CAM CON	1100-0300
Rutland (RUT)	(FL190 and above) GREKI V419 JUDDS CAM	1100-0300
Salt Lake City (SLC)	(RNAV Equipped Only) ZIMMZ Q42 MIKYQ Q480 AIR J80 VHP AARCH (RNAV)-STAR.....	
	or (Non-RNAV Equipped Only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80 VHP VANDALIA-STAR	
San Francisco (SFO)	(Turbojet) GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32LLC LEGGS BDEGA (RNAV)-STAR ..	
Saranac Lake (SLK)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL.....	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	(RNAV equipped only) ZIMMZ Q42 MIKYQ Q480 AIR VHP AARCH-STAR	
	or (Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 J29 FYLLS J80 VHP VANDALIA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD-STAR.....	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29.....	
	or (Turboprops) COATE Q436 LAAY CFB V29.....	
Tampa (TPA)	BIGGY J75 TAY LZARD-STAR.....	
	or (GPS or DME/DME-IRU equipped) BIGGY J75 TAY DADES (RNAV)-STAR	
Toledo (TOL)	NEWEL J60 DJB VVW	
Toronto (CYYZ)	(RNAV Equipped Only) (90-170 incl) GAYEL Q818 WOZEE LINNG (CANADIAN RNAV)-STAR	
	or (Props) COATE Q436 MTCAF ULW WOZEE VERKO (RANV)-STAR.....	
Tri-City (TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
Washington Dulles (IAD)	(RNAV only) PARKE HYPER (RNAV)-STAR.....	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
	or (GPS or DME/DME-IRU equipped) BIGGY J75 MXE CLIPR (RNAV)-STAR.....	
Waterville (WVL)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
	or (FL250 and above) MERIT HFD PUT BOS	1100-0300
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or (Turbojets-GSP or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CASKI	
Willow Run (YIP)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
Winston Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	NEWEL J60 PSB PSB292 DBEAM.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
From NEWARK SATELLITES only		
Akron (CAK)	NEWEL J60 PSB PSB292 YNG V72 ACO	
Akron (AKR)	NEWEL J60 PSB PSB292 YNG V72 ACO	
Allegheny County (AGC)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR.....	
	or	
	(RNAV equipped only) NEWEL J60C PSB HAYNZ (RNAV)-STAR	
Augusta (AGS)	LANNA J48 ETX215 J75 GVE J37 SPA	1100-0300
Binghamton (BGM).....	(Turbojets) NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR.....	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL.....	
Buffalo (BUF).....	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE	
	or	
	(Turboprops) COATE Q436 MTCAF ULW ULW306 BENEE	
Charleston (CHS).....	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS ..	
Charleston (CRW).....	PARKE J6 HVQ	
Charlotte (CLT).....	LANNA J48 ETX215 J75 GVE LYH MAJIC-STAR	1100-0300
Charlottesville (CHO)	LANNA J48 ETX215 J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV.....	
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR	
	or	
	(all others) PARKE J6 COLNS BRUSH-STAR.....	
Columbus (CMH).....	ELIOT J80 AIR AIR260 BREMN	
	or	
	(Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC TVT APE.....	
	or	
	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR BREMIN-STAR	
Dallas-Fort Worth (DFW)	(RNAV Turbojet) (DFW South Flow) PARKE J6 LIT FEWWWW SEEVR (RNAV)-STAR.....	
	or	
	(RNAV Turbojet) (DFW North Flow) PARKE J6 LIT FEWWWW BRDJE (RNAV)-STAR.....	
	or	
	(All others) PARKE J6 LIT WILBR-STAR	
Dayton Intl	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR APE DANEL-STAR	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN.....	
Detroit Metro Wayne Co (DTW)	GAYEL J95C CFB TRAAD KOOPR YQO SPICA-STAR	
Detroit Satellites:		
Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Windsor (CYQG),	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO.....	
Fayetteville (FAY).....	LANNA J48 ETX215 J75 GVE SBV RDU.....	
Fort Lauderdale (FLL)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR.....	
	or	

PREFERRED IFR ROUTES

Effective
Times
(UTC)

Terminals	Route	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)–STAR	
	or	
	(WATER–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	LANNA J48 ETX215 J75 GVE LYH V222 HENBY ...	0000–2359
Greer (GSP)	LANNA J48 HAAGN MURPH J75 GVE J37 LYH GMONY WAMUR JUNNR JUNNR (RNAV)–STAR..	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(Turbojets) (IAH West Flow) LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	
	or	
	(Turbojets) (IAH East Flow) LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	
Houston Hobby (HOU)	(Turbojets) LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets only, GPS or DME/DME–IRU required) WHITE J209 SBY J79 CHS ESENT LUNNI (RNAV)–STAR	
Kansas City (MKC)	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J80 SPI BRAYMER–STAR	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS RIIVR–STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Manchester (MHT)	(DME/DME/IRU or GNSS REQUIRED) (at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	
Miami (MIA)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR.....	
Milwaukee (MKE).....	(RNAV Equipped Only) COATE Q436 RAAKK Q438 RUBYY MKG V2 SUDDS	
Mobile (MOB).....	LANNA J48 J53 SPA J37 MGM MVC V20 AXISIS....	
Montgomery (MGM).....	LANNA J48 J53 SPA J37	
Montreal (CYUL).....	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATT'S CARTER (CANADAIAN RNAV)-STAR	1100-0300
Naples (APF).....	(Turbojets-GPS or DME/DME-IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)-STAR	
Nashville (BNA).....	PARKE J6 YOCKY GUITR-STAR	
Norfolk (ORF).....	WHITE J209 SBY V1 CCV	
Orlando Executive (ORL).....	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
Orlando Intl (MCO).....	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR.....	1100-0300
	or (Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	1100-0300
Phoenix (PHX).....	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J110 STL J19 ZUN EAGUL (RNAV)-STAR	
Pittsburgh Intl (PIT).....	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR.....	
Richmond (RIC).....	WHITE J209 SBY V1 JAMIE	
Roanoke (ROA).....	LANNA J48 MOL.....	
Rochester (ROC).....	(Turbojets) NEION J223 CORDS ULW V31 GIBBE... or (Props) COATE Q436 LAAYK CFB V252 GIBBE..... (DME/DME-IRU or GNSS Required) GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ J94 OCS NORDK (RNAV)-STAR	1100-0300
Salt Lake City (SLC).....	(Turbojets) WHITE J209 SBY J79 CHS.....	
Savannah (SAV).....	(RNAV Equipped only) ZIMMZ Q42 MIKYG Q480 AIR VHP AARCH-STAR.....	
St. Louis (STL).....	LANNA J48 J53 SPA J85 TAY LZARD-STAR	
St. Petersburg (PIE).....	(Turbojets) NEION J223 CORDS CFB V29	
Syracuse (SYR).....	or (Turboprops) COATE J36 LHY CFB.....	
Tampa (TPA).....	LANNA J48 J53 SPA J85 TAY LZARD-STAR	
	or (GPS or DME/DME-IRU equipped) LANNA J48 J53 SPA J85 TAY DADES (RNAV)-STAR.....	
Toledo (TOL).....	NEWEL J60 DJB VVW	
Toronto (CYYZ).....	(RNAV Equipped Only) (90-170 incl) GAYEL Q818 WOZEE LINNG (CANADIAN RNAV)-STAR	
	or (Props) COATE Q436 MTCAF ULW WOZEE VERKO (RANV)-STAR	
Tri-City (TRI).....	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD).....	(RNAV only) PARKE HYPFR (RNAV)-STAR.....	
Washington Natl (DCA).....	BIGGY J75 MXE V378 BAL	
West Palm Beach (PBI).....	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY-STAR.....	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR.....	
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Winston Salem (INT).....	BIGGY J75 GSO	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Youngstown (YNG)	ELIOT J60 PSB PSB292060	
From TETERBORO (TEB) only		
Auburn/Lewiston (LEW)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
Augusta (AUG).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
	or	
Bangor (BGR)	(FL250 and above) MERIT HFD PUT BOS MESH... (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
Bar Harbor (BHB)	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or	
Barre/Montpelier (MPV)	(FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Boca Raton (BCT)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
Burlington (BTV)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS... or (DME/DME-IRU or GPS) WHITE J209 SBY J79 BLAMO AMYLU (RNAV)-STAR	
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR	
	or	
	(all others) PARKE J6 COLNS BRUSH-STAR	
Concord (BHB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
Detroit Satellites:		
Young (DET), Willow Run (YIP)	GAYEL Q818 WOZEE COLTS BOREK LOPVO AXIS GOHMA-STAR	1100-0300
	or	
Pontiac (PTK).....	GAYEL Q818 WOZEE COLTS BOREK LOPVO AXIS SWWAN-STAR	1100-0300
	or	
Willow Run (YIP)	NEWEL J60C PSB LLEEO-STAR	
Ft. Lauderdale Metro Area (FLL, OPF) ...	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Water-Turboprops) WHITE J209 ORF J174 ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	(Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 ORF J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS FATHR GISSH–STAR	
Jacksonville (JAX).....	(Turbojets only, GPS or DME/DME–IRU required) ELVAE COL WHITE J209 SBY J79 CHS ESENT LUNNI (RNAV)–STAR.....	
Keene (EEN)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100–0300
Laconia (LCI)	(FL190 and above) GREKI JUDDS CAM	1100–0300
Lake Placid (LKP)	(Jets only) (FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100–0300
Lebanon (LEB)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100–0300
Manchester (MHT).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR.....	1100–0300
	or	
	(Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP–STAR	1100–0300
Marco Isle (MKY).....	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR.....	
Miami Metro Area (MIA, TMB, HST).....	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSY MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR.....	
Montreal (CYUL)	(DME/DME–IRU or GNSS Required) (at or above FL190) BREZY V39 CMK GREKI JUDDS CAM LATTS CARTER (RNAV)–STAR	
Nantucket (ACK)	(Jets only) (FL180–FL230 only) BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)–STAR .	1100–0300
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR.....	
Nashua (ASH).....	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM EEN MHT	1100–0300
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR.....	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando/Exec (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	

NE, 17 AUG 2017 to 12 OCT 2017

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	or (GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Portland (PWM)	(FL180 and above) BREZY V39 CMK GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(FL190-FL230) GREKI JUDDS CAM CON	1100-0300
Rockland (RKD)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
	or (FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
Rutland (RUT)	(FL190 and above) GREKI V419 JUDDS CAM.....	1100-0300
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
Waterville (WVL)	(FL190 and above) BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or (FL250 and above) BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
West Palm Beach (PBI).....	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
From WHITE PLAINS (HPN)		
Allegheny (AGC).....	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 VINSE NESTO-STAR	
	or (Non-RNAV Equipped) NEWEL J60 PSB HAYNZ (RNAV)-STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ-STAR	
	or (RNAV only) LANNA J48 FLASK WINNG (RNAV)-STAR	
Auburn/Lewiston (LEW)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Augusta (AUG).....	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
	or (FL250 and above) MERIT HFD PUT BOS	1100-0300
Baltimore (BWI).....	(Turbojets only-DME/DME-IRU or GPS Required) BIGGY J75 MXE V378 NUGGY TROYZ (RNAV)-STAR	
Bangor (BGR)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
	or (FL250 and above) MERIT HFD PUT BOS	1100-0300
Bar Harbor (BHB)	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
	or (FL250 and above) MERIT HFD PUT BOS	1100-0300
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB.....	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CAYSL (RNAV)-STAR.....	
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Boston (BOS).....	(Water) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL..... (DME/DME-IRU or GNSS Required) MERIT ROBU (RNAV)-STAR	1100-0300
Buffalo (BUF).....	(Turbojets) NEION J223 CORDS ULW ULW306 BENEE	
	or (Turboprops) GAYEL J95 CFB V270 ULW306 BENEE	
Burlington (BTV)	GREKI V419 JUDDS CAM	
	or (Jets only) (FL190 and above) GREKI JUDDS CAM .	1100-0300
Charleston (CHS).....	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS.. or (GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 BLAMO AMYLU (RNAV)-STAR	
Charleston (CRW).....	PARKE J6 HVQ	
Charlotte (CLT).....	BIGGY J75 GVE LYH MAJIC-STAR	
Chicago Midway (MDW).....	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR .	
Chicago O'Hare (ORD)	(Turbojets-RNAV 1) COATE Q436 EMMMA WYNDE (RNAV)-STAR	
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR	
	or (all others) PARKE J6 COLNS BRUSH-STAR.....	
Cleveland (CLE)	NEWEL J60 PSB PSB292 YNG CHARDON-STAR... or (Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 TVT APE AIR BREM-STAR	
Coleman A Young (DET)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXSIS GOHMA-STAR	
Columbus (CMH).....	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR BREMN-STAR	
Concord (CON)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Dallas-Fort Worth (DFW)	(RNAV Turbojet) (DFW South Flow) PARKE J6 LIT FEWWWW SEEVR (RNAV)-STAR..... or (RNAV Turbojet) (DFW North Flow) PARKE J6 LIT FEWWWW BRDJE (RNAV)-STAR..... or (All others) PARKE J6 LIT WILBR-STAR	
Dayton (DAY).....	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR APE DANEL-STAR	
	or (Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 EWC APE DANEL-STAR	
Daytona Beach (DAB).....	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN.....	
Denver (DEN)	(RNAV equipped) NEWEL J60 IOW J10 OBH KOHOE (RNAV)-STAR.....	
Detroit Metro-Wayne Co (DTW)	(Turbojets) GAYEL J95 CFB TRAAD KOOPR YQG SPICA-STAR	
Detroit Satellites: Ann Arbor (ARB), Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG.....	
Fayetteville (FAY).....	BIGGY J75 GVE SBV RDU.....	
Ft Lauderdale Metro Area (FLL, FXE, OPF)	(Turbojets-All Others) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR or (Turbojets)-/E,/G,/R,/J,/L,/Q equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water-Turboprops-/E,/G,/R,/J,/L,/Q equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR.....	
Fort Myers (FMY, RSW).....	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
Fort Wayne (FWA).....	NEWEL J60 DANNR RAV J64.....	
Greensboro (GSO).....	BIGGY J75.....	
Greer (GSP).....	BIGGY J75 GVE J37 LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR.....	
Hot Springs (HSP).....	LANNA J48 EMI CSN V140 MOL.....	
Houston (IAH).....	(Turbojets) (IAH East Flow) LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR..... or (Turbojets) (IAH West Flow) LANNA J38 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR.....	
Houston (HOU).....	(Turbojets) LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR.....	
Indianapolis (IND).....	(Turbojets, max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)-STAR..... or (Turbojets, AOA FL260) ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)-STAR.....	
Ithaca (ITH).....	(Turbojets) NEION J223 CORDS CFB V423.....	
Jacksonville (JAX).....	(Turbojets only, GPS or DME/DME-IRU required) WHITE J209 SBY J79 CHS ESENT LUNNI (RNAV)-STAR.....	
Kansas City (MKC).....	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR J80 SPI BRAYMER-STAR.....	
Keene (EEN).....	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
Laconia (LCI).....	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
Lebanon (LEB).....	(FL190 and above) GREKI JUDDS CAM.....	1100-0300
Lewisburg (LWB).....	LANNA J48 EMI CSN V140 MOL.....	
Lexington (LEX).....	PARKE J6 HVQ.....	
Los Angeles (LAX).....	(RNAV Equipped Only) ZIMMZ Q42 MIKYG Q480 AIR J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS RIIVR-STAR..... or (Non-RNAV equipped only, max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS DOWNE-STAR.....	
Louisville (SDF).....	PARKE J6 HVQ J6 YOCKY DARBY-STAR.....	
Manchester (MHT).....	(Jets only) (FL190 and above) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR..... or (Props only) (FL190 and above) GREKI JUDDS MARTN EEN POPPP-STAR.....	1100-0300 1100-0300
	or (DME/DME/IRU or GNSS REQUIRED) (at or above FL190) GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR.....	
Marco Island (MKY).....	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR..... or (Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Melbourne (MLB).....	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR.....	
Memphis (MEM).....	(non RNAV) PARKE J6 BWG WLDER-STAR..... or (RNAV only) PARKE J6 BWG BLUZZ (RNAV)- STAR.....	
Miami Metro Area (MIA, TMB, HST).....	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR..... or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	(Turbojets-GPS of DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGO ENVOY YOSSY MILSY BOYUR HILEY KAINS	
Milwaukee (MKE)	(RNAV Equipped Only) COATE Q436 RAAKK Q438 RUBYY MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL Q812 WOZEE NOSIK ZOHAN GRB EAU CLAIRE-STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) GREKI JUDDS CAM LATTS CARTER (CANADIAN RNAV)-STAR ..	1100-0300
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Nashua (ASH)	(FL190 and above) GREKI JUDDS MARTN EEN	1100-0300
Nashville (BNA)	PARKE J6 YOCKY GUITR-STAR	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORL-STAR	
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	(RNAV equipped only) ZIMMZ Q42 MIKYQ Q480 AIR J110 STL J19 ZUN EAGUL (RNAV)-STAR	
	or	
	(Non-RNAV equipped only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 J29 CASIO FYLLS J110 STL J19 ZUN BUNTR-STAR	
Pittsburg Intl (PIT)	(RNAV equipped only) ZIMMZ Q42 MIKYQ Q480 VINSE DEMME (RNAV)-STAR	
Pontiac (PTK)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXSIS GOHMA-STAR	
Portland (PWM)	(FL180 and above) GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
Portsmouth (PSM)	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Richmond (RIC)	WHITE J209 SBY V1 JAMIE	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE...	
Rockland (RKD)	(FL250 and above) MERIT HFD PUT BOS	1100-0300
	or	
	(FL190 and above) GREKI JUDDS CAM CON	1100-0300
Rutland (RUT)	(FL190 and above) GREKI JUDDS CAM	1100-0300

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Terminals	Route	Effective Times (UTC)
Salt Lake City (SLC)	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ J94 OCS NORDK (RNAV)-STAR	
Saranac Lake (SLK)	(FL190 and above) GREKI JUDDS CAM	1100-0300
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	(RNAV equipped only) ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)-STAR	
	or	
	(Non-RNAV equipped only) (Max altitude FL280) NEWEL J60 DANNR RAV J64 CASIO FYLLS J80 VHP VANDALIA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	BIGGY J75 TAY LZARD-STAR	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75 TAY DADES (RNAV)-STAR	
Toledo (TOL)	NEWEL J60 DJB VVW	
Toronto (CYYZ)	GAYEL Q818 WOZEE LINNG (CANADIAN RNAV)-STAR	
Tri-City (TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
Washington Dulles (IAD)	(RNAV only) PARKE HYPER (RNAV)-STAR	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75 MXE CLIPR (RNAV)-STAR	
Waterville (WVL)	(FL190 and above) GREKI JUDDS CAM	1100-0300
	or	
	(FL250 and above) MERIT HFD PUT BOS	1100-0300
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Willow Run (YIP)	(Turbojet, Turboprop) GAYEL Q818 WOZEE COLTS BOREK LOPVO AXXIS GOHMA-STAR	
Winston/Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	NEWEL J60 PSB PSB292 DBEAM	
NORFOLK (ORF)		
Chicago O'Hare (ORD)	MOL GEFES J149 FWA KNOX-STAR	
	or	
	MOL GEFES J149 ROD WATSN (RNAV)-STAR	
Cincinnati (CVG)	(at or above FL240) WAIKS ORF290 KELLE MOL130 MOL HNN090/50 HNN BRUSH-STAR ..	
	or	
	(at or below FL220) WAIKS ORF290 KELLE MOL130 MOL HNN BRUSH-STAR	
	or	
	(RNAV only-at or above FL240) WAIKS KELLE MOL HNN090/50 HNN GAVNN (RNAV)-STAR	
	or	
	(RNAV only-at or below FL220) WAIKS KELLE MOL HNN GAVNN (RNAV)-STAR	
Detroit Metro Wayne Co (DTW)	WAIKS ORF290 KELLE MOL130 MOL GEMNI-STAR	
Houston George Bush Intcntl (IAH)	(Turbojets-DME/DME/IRU or GPS) (IAH East Flow) VUZ MEI AEX SKNRD (RNAV)-STAR	
	or	
	(Turbojets-DME/DME/IRU or GPS) (IAH West Flow) VUZ MEI AEX DOOBI (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
	or (Turbojets and Turboprops–DME/DME/IRU or GPS) (IAH East Flow) SPA J37 SJI HKORY (RNAV)–STAR	
	or (Turbojets and Turboprops–DME/DME/IRU or GPS) (IAH West Flow) SPA J37 SJI GILLL (RNAV)–STAR	
Houston Hobby (HOU)	(Turbojets–DME/DME/IRU or GPS) VUZ MEI AEX WAPPL (RNAV)–STAR.....	
	or (Turbojets–DME/DME/IRU or GPS) (IAH East Flow) SPA J37 SJI BAYYY (RNAV)–STAR	
	or (Turbojets–DME/DME/IRU or GPS) (IAH West Flow) SPA J37 SJI PUCKS (RNAV)–STAR.....	
Islip (ISP)	SCHOL SBY200 J121 SARDI CCC.....	1100–0400
Kennedy (JFK)	SCHOL DUNFE J121 SIE CAMRN–STAR.....	1100–0400
La Guardia (LGA)	HPW V213 PXT KORRY–STAR.....	1100–0300
Newark (EWR)	HPW HPW025 J14 PXT DYLIN–STAR	
	or (GPS or DME/DME–IRU equipped) HPW HPW025 J14 PXT BO (RNAV)–STAR	
Philadelphia (PHL)	SCHOL SBY200 V139 RADD5 VCN–STAR	1100–0400
Teterboro (TEB)	HPW V213 PXT JAIKE–STAR.....	1100–0300
	or (non advanced navigation, turbojets only) WAIKS ORF290079 FAK BRV AML J227 J49 J70 LVZ LVZ–STAR	1100–0300
PHILADELPHIA (PHL)		
Albany (ALB)	(Turbojets) DITCH J225 HNNAH LGA TRUDE V487 CANAN	
Atlanta (ATL)	MXE MXE278 PENSY J48 ODF WHINZ–STAR	
	or (RNAV only) MXE PENSY J48 FLASK WINNG (RNAV)–STAR	
Boca Raton (BCT)	(Turbojets–/E,/G,/R,/J,/L,/Q equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or (Turbojets–All Others) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or (Water–Turbojets–/E,/G,/R,/J,/L,/Q equipped) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID CAYSL (RNAV)–STAR.....	
	or (Water–Turbojets–All Others) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)–STAR	
Boston (BOS)	(DME/DME–IRU or GNSS Required) DITCH J225 JFK ROBUC (RNAV)–STAR	1100–0300
Buffalo (BUF)	PTW PTW320 SARAA J64 RAV RAV312 BUF162..	
Burlington (BTV)	(Turbojets North) DITCH J225 JFK J222 CAM	
Charleston (CHS)	(Turbojets) OOD TEBEE HAYDO SBY J79 CHS	
	or (GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY J79 BLAMO AMYLU (RNAV)–STAR..	
Charlotte (CLT)	MXE J75 GVE LYH MAJIC–STAR	
Chicago Midway (MDW)	PTW PTW320 SARAA RAV PSB J60 ASHEN BAGEL PANGG (RNAV)–STAR.....	
Chicago O'Hare (ORD)	(RNAV equipped) PTW PTW320 SARAA Q62 WATSN WATSN (RNAV)–STAR	0000–2359
	or (Advanced RNAV) PTW PTW320 SARAA Q62 WATSN WATSN (RNAV)–STAR.....	
Cincinnati (CVG)	(RNAV only) MXE PENSY J110 FLIRT J6 COLNS GAVNN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
	or	
	(all others) MXE PENSJ J110 FLIRT J6 COLNS BRUSH-STAR.....	
Cleveland (CLE)	PTW PTW320 SARAA J64 RAV PSB PSB292 YNG CHARDON-STAR	
Columbus (CMH)	MXE MXE278 PENSJ J110 AIR BREMN-STAR	
Dallas-Fort Worth (DFW).....	(RNAV Turbojets) (DFW South Flow) MXE MXE278 PENSJ J110 FLIRT J6 LIT FEWWWW SEVR (RNAV)-STAR	
	or	
	(RNAV Turbojets) (DFW North Flow) MXE MXE278 PENSJ J110 FLIRT J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or	
	(All others) MXE MXE278 PENSJ J110 FLIRT J6 LIT FEWWWW WILBR-STAR.....	
Dayton (DAY).....	MXE MXE278 PENSJ J110 AIR APE DANEI-STAR..	
Denver (DEN)	(RNAV equipped) PTW PTW320 SARAA J64 RAV PSB J60 IOW J10 OBH KOHOE (RNAV)-STAR	
Detroit Metro-Wayne Co (DTW).....	(Non-advanced Nav only) MXE MXE278 PENSJ J110 LEJOY J518 DJB GEMNI-STAR	
	or	
	(Advanced Nav) MXE PENSJ J110 FLIRT BRNAN Q42 PSYKO KOZAR DJB GEMNI-STAR	
Detroit Satellites:Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP).....	PTW PTW320 SARAA J64 RAV PSB LLEE0-STAR ..	
Fort Lauderdale (FLL)	(Water-Turboprops-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR.....	
	or	
	(Water-Turboprops) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	
	(Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	
	(Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUF-STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
	or	
	(WATER-Turbojets) OOD TEBEE HAYDO SBY KEMP ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Greensboro (GSO)	MXE J75 GVE LYH V222 HENBY	0000-2359
Hot Springs (HSP).....	MXE MXE278 PENSJ J48 MOL	
Houston George Bush Intrcntl (IAH)	(Turbojets) (IAH East Flow) STOEN REEFI EMI J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR.....	
	or	
	(Turbojets) (IAH West Flow) STOEN REEFI EMI J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR.....	
Houston Hobby (HOU).....	(Turbojets-GPS or DME/DME-IRU or GPS) MOL J22 VUZ MEI AEX WAPPL (RNAV)-STAR	
Indianapolis (IND)	(Turbojets) MXE278 PENSJ J110 AIR J80 ZANOR RINTE SNKPT (RNAV)-STAR.....	
	or	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Jacksonville (JAX).....	MXE PENSY J110 FLIRT BRNAN Q42 HIDON RINTE SNKPT (RNAV)-STAR (Turbojets only, GPS or DME/DME-IRU required) OOD TEBEE HAYDO SBY J79 CHS ESENT LUNNI (RNAV)-STAR	
Kansas City (MKC).....	MXE MXE278 J110 AIR J80 SPI BRAYMER-STAR . STOEN REEFI EMI J48 CSN FANPO Q40 ALEAN VVV	
Knoxville (TYS).....	MXE MXE278 PENSY J48 MOL V140 COVEY	
Lewisburg (LWB).....	MXE MXE278 PENSY J110 LEJOY HVQ	
Lexington (LEX).....	MXE MXE278 PENSY J110 FLIRT J6 YOCKY DARBY-STAR	
Louisville (SDF).....	(DME/DME/IRU or GNSS REQUIRED)(North) DITCH J225 JFK SMYTH ROZZE (RNAV)-STAR	1100-0300
Manchester (MHT)	(GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Marco Island (MKY)	(non RNAV) MXE MXE278 PENSY J110 FLIRT J6 BWG WLDER-STAR	
Memphis (MEM)	or (RNAV only) MXE MXE278 PENSY J110 FLIRT J6 BWG BLUZZ (RNAV)-STAR	
Miami (MIA)	(Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSII MILSY BOYUR HILEY KAINS	
	or (Water-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR	
	or (Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR.....	
	or (Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR.....	
	or (Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE).....	PTW PTW320 SARAA J64 RAV PSB J60 DJB CRL PEGEE MKG V2 SUDDS.....	
Minneapolis (MSP)	PTW PTW320 SARAA J64 RAV PSB J60 DJB J34 BAE EAU-STAR.....	
Montreal (CYUL)	(DME/DME-IRU or GNSS Required) DITCH J225 JFK CMK CAM LATTIS CARTER (CANADIAN RNAV)-STAR	1100-0300
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA)	MXE MXE278 PENSY J110 FLIRT J6 YOCKY GUITR-STAR	
New Orleans (MSY)	STOEN REEFI EMI J48 CSN FANPO Q40 NIOLA MEI RYTHM-STAR.....	
Newport News (PHF).....	OOD OOD198 SBY018 SBY VI CCV.....	
Orlando Executive (ORL)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
Orlando Intl (MCO)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR.....	1100-0300
	or (Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC APOLO ORL or (GPS or DME/DME-IRU equipped) OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR.....	1100-0400
	or (GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Pittsburgh (PIT).....	MXE PENSY J110 VINSE DEMME (RNAV)-STAR	
Portland (PWM)	(GPS or DME/DME-IRU equipped) DITCH V312 JIMEY WAVEY CCC SCOGS (RNAV)-STAR.....	1100-0300

Terminals

Route

Providence (PVD).....	DITCH V312 DRIFT J121 HTO JORDN-STAR
	or
	(Turbojet, NonAdvanced Navigation) DITCH V312 DRIFT J121 HTO V268 MINNK
Raleigh/Durham (RDU).....	OOD OOD198 SBY018 SBY ARGAL-STAR.....
	or
	(RNAV equipped) OOD TEBEE HAYDO SBY KAROO (RNAV)-STAR
Richmond (RIC).....	OOD OOD198 SBY018 SBY V1 JAMIE
Roanoke (ROA).....	MXE MXE278 PENSY J48 MOL
Rochester (ROC).....	PTW PTW320 SARAA J64 RAV RAV312 TYMAN J227 ULW V31 GIBBE
San Francisco (SFO).....	(Turbojet) PTW SARAA J64 HLC J80 OAL INYOE DYAMD (RNAV)-STAR
Sarasota/Bradenton (SRQ).....	MXE J75 TAY J85 GNV GNV174055 LAL.....
Savannah (SAV).....	ODD TEBEE HAYDO SBY J79 CHS.....
St. Louis (STL).....	MXE MXE278 PENSY J110 VHP VLA-STAR
St. Petersburg (PIE).....	MXE J75 TAY LZARD-STAR.....
Tampa (TPA).....	MXE J75 TAY LZARD-STAR.....
	or
	(GPS or DME/DME-IRU equipped) MXE J75 TAY DADES (RNAV)-STAR
Toronto (CYYZ).....	(RNAV equipped) PTW SARAA J64 RAV PSB WOZEE LINNG (RNAV)-STAR
West Palm Beach (PBI).....	(Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN FRWAY (RNAV)-STAR
	or
	(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR
	or
	(Water-Turbojets GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR
	or
	(Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI
White Plains (HPN).....	DITCH V312 CYN BOUNO-STAR
Windsor Locks (BDL).....	(Turbojets North) DITCH J225 JFK DPK DPK-STAR
PITTSBURGH (PIT)	
Atlanta Intl (ATL).....	(RNAV only) AKSAR BURGS HVQ HLRRY PECHY (RNAV)-STAR
	or
	(Non-RNAV only) AGC AGC225 BURGS HVQ J145 ODF WHINZ-STAR.....
Baltimore/Washington Intl (BWI).....	(RNAV Equipped) KEMAN ANTHM (RNAV)-STAR
Boston (BOS).....	EWC WOMBT PIGGZ PONCT JFUND (RNAV)-STAR.
Charlotte (CLT).....	(RNAV only) AHTIY BURGS HVQ LNDIZ PARQR (RNAV)-STAR
Chicago Midway (MDW).....	(RNAV Only) BSV MAYZE J60 ASHEN BAGEL PANGG (RNAV)-STAR
Chicago O'Hare (ORD).....	(RNAV only) BSV WEEVR Q62 WATSN WATSN (RNAV)-STAR
Fort Lauderdale (FLL).....	(/E, /G, /R, /J, /L, /Q) CKB CKB197 COBBE PSK CAE J51 SAV J103 OMN FISEL (RNAV)-STAR.....
	or
	(all others) CKB CKB197 COBBE PSK CAE J51 SAV J103 OMN GISSH-STAR.....
Indianapolis Intl (IND).....	MMJ DILNE TVT RINTE SNKPT (RNAV)-STAR
Kennedy (JFK).....	EWC WOMBT BFD HOXIE J70 LVZ LENDY-STAR....
Miami (MIA).....	(/E, /G, /R, /J, /L, /Q) CKB CKB197 COBBE PSK CAE J51 SAV J103 OMN HILEY (RNAV)-STAR
	or
	(all others) CKB CKB197 COBBE CAE J51 SAV J103 OMN ANNEY-STAR
Newark (EWR).....	EWC WOMBT PIGGZ SLT WILLIAMSPORT-STAR

1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Philadelphia (PHL)	JST J152 HAR V210 BUNTS	
	or	
	(RNAV only) JST BOJID (RNAV)-STAR	
Tampa (TPA)	(RNAV only) CKB COBBE PSK CAE J75 TAY DADES (RNAV)-STAR	
Washington National (DCA)	(RNAV only) MGW BUCKO FRDMM (RNAV)-STAR..	
Windsor Locks (BDL)	(RNAV ONLY) EWC WOMBT PIGGZ RKA STELA-STAR	
PORTLAND (PWM)		
Chicago O'Hare (ORD)	(DME/DME-IRU or GNSS Required) HSKEL (RNAV)-DP CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	(DME/DME-IRU or GNSS Required) HSKEL (RNAV)-DP CAM Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
Cleveland (CLE)	(DME/DME-IRU or GNSS Required) HSKEL (RNAV)-DP CAM Q822 GONZZ JOSSY HANGAR CXR CHARDON-STAR	1100-0300
Detroit Metro Wayne Co (DTW)	(DME/DME-IRU or GNSS Required) HSKEL (RNAV)-DP CAM Q822 GONZZ BUF SPICA-STAR	1100-0300
La Guardia (LGA)	CON CAM ALB PWL IGN V157	1100-0300
Minneapolis (MSP)	(DME/DME-IRU or GNSS Required) HSKEL (RNAV)-DP HANAA Q816 KELTI Q812 ZOHAN GRB EAU CLAIRE-STAR	1100-0300
Newark (EWR)	(RNAV only) CON CAM ALB FLOSI (RNAV)-STAR....	
Philadelphia (PHL)	PSM WITCH CCC SHERL J121 BRIGS VCN-STAR ..	1100-0300
Pittsburgh (PIT)	HSKEL (RNAV)-DP CAM ALB J49 HNK SLT HAYNZ (RNAV)-STAR	1100-0300
Washington Dulles (IAD)	(RNAV only) PSM WITCH GLYDE BAF HYPER-STAR	
	or	
	(Turboprops) (AOB 220) CAM ALB HNK FQM LEGGO (RNAV)-STAR	1100-0300
PROVIDENCE (PVD)		
Atlanta (ATL)	(RNAV only) PUT BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	
Baltimore (BWI)	(Turbojets only) PUT NELIE CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	
Boca Raton (BCT)	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)-STAR	
Chicago Midway (MDW)	(DME/DME-IRU or GNSS Required) PUT CTR CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
Chicago O'Hare (ORD)	(Turbojets, DME/DME-IRU or GNSS Required) PUT CTR CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	(All others) PUT CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or	
	(RNAV Only) CTR HNK J49 PSB MAULL KODIE CTW TIGRR-STAR	
Denver Intl (DEN)	(DME/DME-IRU or GNSS Required) PUT CTR CAM ARNII Q816 HOCKE FNT J94 ONL ANCHR (RNAV)-STAR	1100-0300
Detroit Metro-Wayne Co (DTW)	(DME/DME-IRU or GNSS Required) PUT CTR CAM Q822 GONZZ BUF SPICA-STAR	1100-0300
Detroit Satellites		
Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP)	(DME/DME-IRU or GNSS Required) PUT CTR CAM Q822 GONZZ COLTS BOREK LOPVO AXSIS GOHMA (RNAV)-STAR	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Pontiac (PTK)	(DME/DME-IRU or GNSS Required) PUT CTR CAM Q822 GONZZ COLTS BOREK LOPVO AXXIS SWWAN (RNAV)-STAR	1100-0300
Fort Lauderdale (FLL)	(Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	1100-0300
	or	
	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Turboprops) JUMPR RIFLE J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Water-Turbojets) JUMPR RIFLE J174 SWI CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	1100-0300
Fort Myers (RSW)	(Turbojets) PUT NELIE CMK J75 DUNKN SHFTY (RNAV)-STAR	1100-0300
La Guardia (LGA)	(Above 250 kts) PUT NELIE VALRE HAARP-STAR... ..	1100-0300
	or	
	(250 kts or less) PUT BAF PWL V405 CASSH V123 HAARP	1100-0300
Miami (MIA)	(Water) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGO ENVOY YOSSY MILSY BOYUR HILEY KAINS	
	or	
	(Water) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Turboprops) JUMPR RIFLE J174 ORF J121 CHS J79 OMN ANNEY-STAR	
Minneapolis/St Paul (MSP)	(DME/DME-IRU or GNSS Required) PUT CTR CAM ARNII Q816 KELTI Q812 ZOHAN GRB EAU CLAIRE-STAR	1100-0300
Newark (EWR)	PUT NELIE FLOSI (RNAV)-STAR	1100-0300
Orlando Executive (ORL)	JUMPR RIFLE J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	JUMPR RIFLE J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	JUMPR RIFLE J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO ILM AR15 HIBEC APOL0 ORL	
	or	
	(Turbojets) JUMPR RIFLE J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Philadelphia (PHL)	JUMPR SHLEP J121 PLUME V139 BRIGS VCN-STAR	1100-0300
Pittsburgh (PIT)	PUT CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	1100-0300
Raleigh-Durham (RDU)	JUMPR RIFLE J174 SWL KAROO (RNAV)-STAR	1100-0300
St. Louis (STL)	(RNAV only) PUT BAF Q480 AIR J110 VHP AARCH (RNAV)-STAR	1100-0300
Tampa (TPA)	PUT NELIE CMK J75 TAY LZARD-STAR	1100-0300
	or	

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Terminals	Route	Effective Times (UTC)
Washington Dulles (IAD)	PUT NELIE CMK J75 TAY DADES (RNAV)-STAR..... (RNAV Only) PUT BAF HYPER (RNAV)-STAR	1100-0300
	or (Turboprops Only) (AOB220) PUT BAF SAGES LAAYK MIP SEG LEGGO (RNAV)-STAR	1100-0300
Washington Natl (DCA)	JUMPR RIFLE J174 ZIZZI ATR V308 BILIT	1100-0300
	or (Turbojet) JUMPR RIFLE J174 ZIZZI ATR LAFLN DEALE (RNAV)-STAR	1100-0300
West Palm Beach (PBI)	(Turbojets) JUMPR RIFLE J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	1100-0300
	or (Turbojets) JUMPR RIFLE J174 ORF ISO CHS J79 OMN TUXXI-STAR	
	or (Water) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR19 AYBIB FRWAY (RNAV)-STAR	1100-0300
	or (Water-Turbojets) JUMPR RIFLE J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	1100-0300
READING (RDG)		
Detroit Metro Wayne Co (DTW)	KIPPI J80 J518 DJB GEMNI-STAR	
RICHMOND (RIC)		
Greer (GSP)	(Turbojets) KALLI (RNAV)-DP LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR	1100-0300
Houston George Bush Intrcntl (IAH)	(IAH East Flow) KALLI (RNAV)-DP LYH PSK ALEAN Q40 AEX SKNRD (RNAV)-STAR.....	
	or (IAH West Flow) KALLI (RNAV)-DP LYH PSK ALEAN Q40 AEX DOOBI (RNAV)-STAR.....	
Houston Hobby (HOU)	KALLI (RNAV)-DP LYH PSK ALEAN Q40 AEX WAPPL (RNAV)-STAR	
ROANOKE (ROA)		
Detroit Metro Wayne Co (DTW)	BKW GEMNI-STAR	
ROCHESTER (ROC)		
Baltimore/Washington Intl (BWI)	(Turbojets) KUBFA IZZEE TRISH (RNAV)-STAR	
Boston (BOS)	BEEPS PONCT JFUND (RNAV)-STAR	1100-0300
Cleveland (CLE)	GEE V119 BURST BFD CHARDON-STAR	
Detroit Metro Wayne County (DTW)	AIRCO BUF MOAWK YQO YQO269 SPICA SPICA-STAR	
Kennedy (JFK)	(DME/DME-IRU or GNSS Required) BEEPS Q140 YODAA IGN KINGSTON-STAR	1100-0300
La Guardia (LGA)	(Turbojet) AUDIL RKA HAARP-STAR	1100-0300
Newark (EWR)	(DME/DME-IRU or GNSS Required) BEEPS Q140 KODEY HNK FLOSI (RNAV)-STAR	1100-0300
Washington National (DCA)	(RNAV only) GEE ETG PSB SKILS (RNAV)-STAR	
STATE COLLEGE (UNV)		
Detroit Metro Wayne Co (DTW)	PSB ERI SPICA-STAR	
SYRACUSE (SYR)		
Cincinnati (CVG)	(RNAV only) SYR DINES MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) SYR V483 DINES GEE GEE204 KELIE SLT013 SLT SLT249 KODIE CTW081 CTW CINCE-STAR.....	
Detroit Satellites: Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	BUF YXU PICES-STAR	
	or BUF YXU GOHMA-STAR	1100-0300
	or BUF YXU SWWAN-STAR	1100-0300
TORONTO (CYYZ)		
Atlanta (ATL)	BETES (RNAV)-DP FOXEE Q145 HVQ HLRRY PECHY (RNAV)-STAR	
Boston (BOS)	KEPTA (RNAV)-DP BMPAH AEVON HANKK Q935 PONCT JFUND (RNAV)-STAR	1100-0300

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Terminals	Route	Effective Times (UTC)
Cincinnati (CVG)	MIXUT(RNAV)-DP GENTRY APE TIGRR (RNAV)-STAR	
La Guardia (LGA)	KEPTA (RNAV)-DP BMPAH AEVON AUDIL RKA HAARP-STAR	
San Francisco (SFO)	GOPUP (RNAV)-DP HOCKE BAE J16 MCW J148 OAL INYOE DYAMD (RNAV)-STAR	
WASHINGTON/BALTIMORE METRO AREA (DCA, BWI, IAD)		
From BALTIMORE (BWI) only		
Albany (ALB)	SWANN-DP OOD J42 RBV LGA TRUDE V487 CANAN	1100-0300
Ann Arbor (ARB)	(Turbojets) TERPS (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR	1100-0400
Asheville (AVL)	(Turbojets) TERPS (RNAV)-DP MAULS Q40 FEEDS SUG	1100-0300
Atlanta (ATL)	(Turbojets) TERPS (RNAV)-DP JERES J220 VALLO J227 BABEE CFB	1100-0300
Binghamton (BGM)	(Turbojets) TERPS (RNAV)-DP MAULS Q40 NIOLA VUZ	1100-0300
Birmingham-Shuttlesworth (BHM)	(Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
Boca Raton (BCT)	or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or (Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	
Boston (BOS)	(Prop Only) PALEO-DP SIE J121 HTO V308 ORW V16 WOONS	
	or (Turbojets: DME/DME-IRU or GNSS Required) SWANN-DP OOD J42 RBV J222 JFK ROBUC (RNAV)-STAR	
Bridgeport (BDR)	PALEO-DP SIE J121 SARDI RICED KEYED	1100-0300
Buffalo (BUF)	(Turbojets) TERPZ (RNAV)-DP JERES J220 SFK	1100-0300
Charleston (CHS)	(Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM FKN J79 BLAMO AMYLU (RNAV)-STAR	
	or (Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO AMYLU (RNAV)-STAR	1100-0300
	or (Military RNAV Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO RSRVE (RNAV)-STAR	1100-0300
Chattanooga (CHA)	(Turbojets) TERPZ (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
Cleveland (CLE)	(Turbojets) TERPZ (RNAV)-DP JERES J211 YNG CXR	
Chicago (MDW)	(Turbojets) TERPZ (RNAV)-DP (RNAV)-DP RAMAY Q72 HACKS J149 FWA PANGG-STAR	
Chicago (ORD)	(Turbojets) TERPZ (RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN ((RNAV) STAR	0000-2359
	(RNAV Turbojets) TERPS (RNAV)-DP OTTO COLNS GAVNN	
Cincinnati (CVG)	(Turbojets) TERPZ (RNAV)-DP RAMAY Q72 HACKS APE	
Columbus (CMH)	(Turbojet) (DFW South Flow) RNLDI (RNAV)-DP OTTO Q80 FAREV BWG J6 LIT FEWWWW SEEV (RNAV)-STAR	
Dallas-Forth Worth (DFW)	or (Turbojet) (DFW North Flow) RNLDI(RNAV)-DP OTTO Q80 FAREV BWG J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or	

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Terminals	Route	Effective Times (UTC)
	LDN J134 COLNS J6 HVQ J6 LIT WILBR (RNAV)-STAR.....	
Dayton (DAY).....	BUNZZ (RNAV)-DP RAMAY Q72 HACKS APE DANEI-STAR.....	1100-0400
Denver (DEN).....	TERPZ (RNAV)-DP OTTTO COLNS J134 STL J24 OATHE JAGGR (RNAV)-STAR.....	1100-0300
Detroit (DET).....	(Turbojets) TERPS (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR	
Fort Lauderdale (FLL, FXE, OPF).....	(Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN MLB BLUFI-STAR..... or (Water-Turboprops) V93 PXT V213 COLIN HCM ILM AR21 CRANS HILL FATHR GISSH-STAR..... or (Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)-STAR..... or (Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR..... or (Water-Turboprops-GPS or DME/DME-IRU equipped) V93 PXT V213 COLIN HCM ILM AR21 CRANS FISEL (RNAV)-STAR..... or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR..... or (Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HILL FATHR GISSH-STAR.....	
Fort Myers (FMY) ONLY.....	(RNAV Turbojets) BULRN (RNAV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR	
Fort Myers (FMY, RSW).....	(Turbojets) TERPZ (RNAV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
Fort Wayne (FWA).....	(Turbojets) TERPZ (RNAV)-DP RAMAY Q72 HACKS J149 FWA.....	1100-0300
Greer (GSP).....	(Turbojets) TERPZ (RNAV)-DP LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR.....	1100-0300
Hartford (HFD).....	SWANN-DP OOD J42 RBV J222 JFK DPK MAD V1	1100-0300
Houston (HOU).....	(Turbojets) BULRN (RNAV)-DP MAULS Q40 AEX WAPPL-STAR.....	1100-0300
Houston (IAH).....	(Turbojets) (IAH EAST FLOW) BULRN (RNAV)-DP MAULS Q40 AEX SKNRD-STAR..... or (Turbojets) (IAH WEST FLOW) BULRN (RNAV)-DP MAULS Q40 AEX DOOBI-STAR.....	1100-0300
Indianapolis (IND).....	(Turbojets) BUNZZ (RNAV)-DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)-STAR.....	
Islip (ISP).....	PALEO-DP SIE J121 SARDI CCC	1100-0300
Jacksonville (JAX).....	(Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS ESENT LUNNI (RNAV)-STAR.....	
Kansas City (MCI).....	(Turbojets) TERPS (RNAV)-DP OTTTO COLNS J134 STL MCM BRAYMER-STAR.....	1100-0300
Knoxville (TYS).....	(Turbojets) TERPZ (RNAV)-DP MAULS Q40 ALEAN VXV.....	1100-0300
Louisville (SDF).....	(Turbojet) TERPZ (RNAV)-DP OTTTO Q68 HVQ J6 UNCKL DARBY-STAR.....	
Memphis (MEM).....	(Turbojet) TERPZ (RNAV)-DP OTTTO Q80 FAREV BWG BLUZZ (RNAV)-STAR.....	
Miami (MIA, TMB, HST).....	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)-STAR..... or (Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR..... or	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	(Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)-STAR.....	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSI MILSY BOYUR HILEY KAINS.....	
	or	
	(Turboprops) BAL V93 PXT V213 COLIN HCM J193 WEAVR J121 CHS J79 OMN ANNEY-STAR.....	
	or	
	(Water-Turboprops-GPS or DME/DME-IRU equipped) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY HILEY (RNAV)-STAR.....	
	or	
	(Water-Turboprops) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY OSOGY ENVOY YOSI MILSY BOYUR HILEY KAINS	
Milwaukee (MKE).....	(Turbojets) TERPS (RNAV)-DP MCRAY J518 DJB J34 ALPHE J70 PMM V170 BRAVE.....	
Minneapolis-St. Paul (MSP).....	(Turbojets) TERPS (RNAV)-DP MCRAY J518 DJB J34 V10 KAMA KKILR (RNAV)-STAR	
Nashville (BNA)	(Turbojet) TERPZ (RNAV)-DP OTTTO Q68 HVQ J6 YOCKY GROAT PASLY	1100-0300
New Orleans (MSY).....	(Turbojets) JERES JERES J220 SFK.....	1100-0300
Newark (EWR).....	(GPS or DME/DME IRU equipped) SWANN-DP DQO PHLBO (RNAV)-STAR.....	1100-0300
Orlando Executive (ORL)	(GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO).....	(Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.	1100-0400
	or	
	WHINO COLIN J61 HUBBS J193 WEAVER J121 CHS J79 OMN BITHO (RNAV)-STAR	1100-0300
Phoenix Sky Harbor (PHX)	(Turbojet) TERPZ (RNAV)-DP OTTTO COLNS J134 LBL J19 ZUN EAGUL (RNAV)-STAR	
Pittsburgh (PIT).....	TERPZ (RNAV)-DP IHG MCRAY DEMME(RNAV)-STAR	
Pontiac (PTK).....	(Turbojets) TERPZ (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR	
Providence (PVD).....	SWANN-DP OOD J42 RBV HTO GREEN-STAR	1100-0400
	or	
	(Turbojets, Non-Advanced Nav only) SWANN-DP OOD J42 RBV HTO V268 MINNK	1100-0400
Rochester (ROC)	(Turbojets) TERPZ (RNAV)-DP JERES J220 VALLO J227 ULW V31 GIBBE	1100-0300
Saint Thomas (CYQS).....	TERPZ (RNAV)-DP JERES j211 HAGUD J60 DJB LLEEO-STAR.....	
Sarasota (SRQ).....	(Turbojet) TERPZ (RNAV)-DP GSO J75 TAY TRAPR (RNAV)-STAR	
Savannah (SAV)	(Turbojets) CONLE (RNAV)-DP COLIN J61 HUBBS J193 HCM FKN J79 CHS	
St. Louis (STL).....	(Turbojet) TERPZ (RNAV)-DP OTTTO COLNS J134 FLM PXV BOOSH (RNAV)-STAR.....	
Syracuse (SYR)	(Turbojet) TERPZ (RNAV)-DP JERES J227 BABEE CFB.....	
Tampa (TPA).....	(Turbojets) TERPZ (RNAV)-STAR) GSO J75 TAY DADES.....	1100-0300
Teterboro (TEB).....	(Turbojets,) SWANN (RNAV)-DP FUBRR JAIKE (RNAV)-STAR	1100-0300
West Palm Beach (PBI).....	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	1100-0300
	or	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	(Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	1100-0300
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.....	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	SWANN-DP OOD J150 CYN BOUNO-STAR	1100-0300
Willow run (YIP).....	(Turbojets) TERPZ (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO.....	
Windsor Locks (BDL)	SWANN-DP ODD J42 RBV J222 JFK DPK-STAR ...	1100-0300
From WASHINGTON DULLES (IAD) only		
Albany (ALB)	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J42 RBV LGA TRUDE V487 CANAN	1100-0400
Asheville (AVL).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 FEEDS SUG.....	1100-0400
Atlanta (ATL).....	(Turbojets) CLTCH (RNAV)-DP FLASK WINNG (RNAV)-STAR.....	
Binghamton (BGM).....	(Turbojets) JERES (RNAV)-DP JERES J227 BABEE CFB.....	1100-0300
Birmingham (BHM).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 NIOLA VUZ.....	1100-0300
Boca Raton (BCT)	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Boston (BOS).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J42 RBV J222 JFK ROBUC (RNAV)-STAR	1100-0300
Bridgeport (BDR).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP AGARD SIE J121 MANTA RICED KEYED	1100-0400
Charleston (CHS).....	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM FKN J79 BLAMO AMYLU (RNAV)-STAR	
	or	
	(Military RNAV) (Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 WEAVR J121 ISO RSRVE (RNAV)-STAR	1100-0300
Chattanooga (CHA).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 ALEAN VVX.....	1100-0300
Chicago (MDW).....	AML J149 FWA PANGG (RNAV)-STAR	
Chicago (ORD).....	BUNZZ(RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)-STAR	
Cincinnati (CVG).....	(Turbojets) RNLDI (RNAV)-DP OTTO COLNS GAVNN (RNAV)-DP.....	
Cleveland (CLE).....	(Turbojets) JERES (RNAV)-DP JERES J227 BABEE CFB.....	1100-0300
Columbus (CMH).....	(Turbojets) BUNZZ (RNAV)-DP RAMAY Q72 HACKS APE.....	
Detroit (DET).....	(Turbojets) JERES (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR.....	
Dallas-Fort Worth (DFW).....	(Turbojet) (DFW South Flow) RNLDI (RNAV)-DP OTTO Q80 FAREV BWG J6 LIT FEWWWW SEEVR (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
	or (Turbojet) (DFW North Flow) RNLDI (RNAV)-DP J6 LIT FEWWW BRDJE (RNAV)-STAR	
Dayton (DAY).....	AML J149 HACKS APE DANEI-STAR	1100-0400
Denver (DEN)	(Turbojets) RNLDI (RNAV)-DP OTTTO COLNS J134 STL J24 OATHE JAGGR (RNAV)-STAR	1100-0300
Fort Lauderdale (FLL)	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or (Jets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR	
	or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 VRB BLUFI-STAR	
	or (Turboprops-Water) CSN V140 MOL.....	
	or (Water-Turboprops) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Water-Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or (Water-Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
Fort Myers (FMY)	(Turbojets) JDUBB (RNAV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR	
Fort Myers (RSW)	(Turbojets) JDUBB (RNAV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR	
Fort Wayne (FWA).....	(Turbojets) BUNZZ (RNAV)-DP RAMAY Q72 HACKS J49 FWA.....	1100-0300
Greer (GSP).....	(Turbojets) SCRAM (RNAV)-DP LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR	1100-0300
Hartford (HFD)	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J42 RBV J222 JFK DPK MAD V1	1100-0300
Houston George Bush Intcntl (IAH)	(Turbojets) (IAH East Flow) CLTCH (RNAV)-DP MAULS Q40 AEX SKNRD (RNAV)-STAR	1100-0300
	or (Turbojets) (IAH West Flow) CLTCH (RNAV)-DP MAULS Q40 AEX DOOBI (RNAV)-STAR	1100-0300
Houston Hobby (HOU).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 AEX WAPPL(RNAV)-STAR	1100-0300
Islip (ISP).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP AGARD SIE J121 SARDI CCC	1100-0400
Jacksonville (JAX)	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 WEAVR J121 CHS ESENT LUNNI (RNAV)-STAR	
Kansas City (MCI)	(Turbojets) RNLDI (RNAV)-STAR OTTTO COLNS J134 HNN J134 STL MCM BRAYMER-STAR	1100-0300
Knoxville (TYS).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV.....	1100-0300
Louisville (SDF)	(Turbojets) RNLDI(RNAV)-DP OTTTO Q68 HVQ J6 UNCKL DARBY-STAR	1100-0300
Memphis (MEM)	(RNAV only) BLUES LDN J134 COLNS J6 HVQ J6 BWG BLUZZ (RNAV)-STAR	
Miami (MIA).....	(Turbojets) COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Turbojets) (Water) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY AMZAR STAPL MILSY BOYUR HILEY KAINS	

PREFERRED IFR ROUTES

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Terminals	Route or	Effective Times (UTC)
	(Turbojets) (Water) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Turboprops) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY (RNAV)-STAR.....	
Milwaukee (MKE).....	(Turbojets) MCRAY (RNAV)-DP MCRAY J518 DJB J34 ALPHE J70 PMM V170 BRAVE.....	
Minneapolis-St. Paul (MSP).....	(Turbojets) MCRAY (RNAV)-DP MCRAY J518 DJB J34 VIO KAMMA KKILR (RNAV)-STAR	
Nashville (BNA).....	(Turbojets) RNLDI (RNAV)-DP OTTTO Q68 HVQ J6 YOCKY GROAT PASLY (RNAV)-STAR.....	1100-0300
Newark (EWR).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN V445 DQO PHLBO (RNAV)-STAR	1100-0400
New Orleans (MSY).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 NIOLA MEI RYTHM-STAR.....	1100-0300
Orlando Executive (ORL)	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 WEAVR J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(Turbojets) (Part 121 only) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
	or	
	(Turbojets) (Part 121 only) COLIN J61 HUBBS J193 WEAVR J121 CHS J79 OMN BITHO-STAR.....	1100-0300
Philadelphia (PHL)	(Turbojets) DOCTR AGARD DQO	
Phoenix (PHX)	(Turbojets) RNLDI(RNAV)-DP OTTTO COLINS J134 HNN J134 LBL J19 ZUN EAGUL(RNAV)-STAR...	1100-0300
Providence (PVD)	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J42 RBV HTO JORDN (RNAV)-STAR	1100-0400
	or	
	(Turbojets, Non-Advanced Navigation) SWANN V268 BROSS J42 RBV HTO V268 MINNK	1100-0400
Raleigh-Durham (RDU)	(Turbojets) JDUBB (RNAV)-DP SBV ALDAN (RNAV)-STAR.....	1100-0300
Sarasota (SRQ).....	(Turbojet) JDUBB (RNAV)-DP GSO J75 TAY TRAPR (RNAV)-STAR.....	
Savannah (SAV)	(Turbojets) COLIN J61 HUBBS J193 HCM FKN J79 CHS.....	
St. Louis (STL)	(Turbojets) RNLDI (RNAV)-DP OTTTO COLNS J134 FLM PXV QBALL-STAR.....	1100-0300
Tampa (TPA).....	(Turbojets) JDUBB (RNAV)-DP GSO J75 TAY DADES (RNAV)-STAR.....	1100-0300
Teterboro (TEB)	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN FUBRR JAIKE (RNAV)-STAR	1100-0300
	or	
	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN FUBRR JAIKE (RNAV)-STAR	1100-0300
West Palm Beach (PBI).....	(Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or	
	(Turbojets) COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets) (Water) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	
	or	
	(Water-Turbojets) JCOBY (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
White Plains (HPN).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J150 CYN BOUNO-STAR	1100-0400
Willow Run (YIP)	(Turbojets) JERES (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR.....	
Windsor (YQG).....	(Turbojets) JERES (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR.....	
Windsor Locks (BDL).....	(Turbojets) (Part 121 and 129 only) JCOBY (RNAV)-DP SWANN BROSS J42 RBV J222 JFK DPK DEER PARK-STAR	1100-0400
From WASHINGTON NATL (DCA) only		
Albany (ALB)	(Turbojets) SOOKI (RNAV)-DP SWANN BROSS J42 RBV LGA TRUDE V487 CANAN	
Ann Arbor (ARB).....	(Turbojets) HORTO (RNAV)-DP JERES J211 HAGUD J60 DJB LLEEO-STAR.....	
Asheville (AVL).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 FEEDS SUG	1100-0400
Atlanta (ATL).....	(Turbojets) CLTCH (RNAV)-DP FLASK WINNG (RNAV)-STAR.....	1100-0300
Binghamton (BGM).....	(Turbojets) HORTO (RNAV)-DP JERES J220 MICAH J227 BABEE.....	1100-0300
Birmingham (BHM).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 NIOLA VUZ.....	1100-0300
Boca Raton (BCT)	(Turbojets) DIXE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXI-STAR	
	or	
	(Turbojets-Water) DIXE(RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
Boston (BOS)	(Turbojets) SOOKI (RNAV)-DP SWANN BROSS J42 RBV J222 JFK ROBUC (RNAV)-STAR.....	1100-0300
	or	
	(Props) PALEO V44 SIE J121 HTO V308 ORW WOONS	
Bridgeport (BDR)	(Turbojets) DOCTR (RNAV)-DP AGARD SIE J121 SARDI KEYED.....	
Buffalo (BUF)	HORTO(RNAV)-DP JERES J220 SFK	1100-0300
Charleston (CHS)	(Turbojets) WHINO COLIN J61 HUBBS J193 WEAVER J121 CHS	
	or	
	(Turbojets) BOOCK (RNAV)-DP COLIN J61 HUBBS J193 COUPN TYI J79 BLAMO AMYLU (RNAV)-STAR	
	or	
	(Turbojets) BOOCK (RNAV)-DP COLIN J61 HUBBS J193 HCM FKN J79 BLAMO AMYLU (RNAV)-STAR	
	or	
	(Military RNAV turbojets) DIXE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO RSRVE (RNAV)-STAR	1100-0300
Chattanooga (CHA).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV.....	1100-0300
Chicago (MDW)	WYNGS(RNAV)DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)-STAR	
Chicago (ORD).....	(Turbojets) WYNGS(RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)-STAR	
Cleveland (CLE)	(Turbojets) HORTO (RNAV)-DP JERES J211 YNG CHARDON-STAR	
Dallas-Fort Worth (DFW).....	(RNAV Turbojet) (DFW South Flow) REBLL OTTTO Q80 FAREV BWG J6 LIT FEWWWW SEEVR (RNAV)-STAR	
	or	
	(RNAV Turbojet) (DFW North Flow) REBLL OTTTO Q80 FAREV BWG J6 LIT FEWWWW BRDJE (RNAV)-STAR	
Dayton (DAY).....	WYNGS RAMAY Q72 HACKS APE.....	1100-0400

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Terminals	Route	Effective Times (UTC)
Denver (DEN)	(Turbojets) REBL(RANV)-DP OTTTO COLNS J134 STL J24 OATHE JAGGR (RNAV)-STAR	1100-0300
Farmingdale (FRG)	(Turbojets) (AOA 180) DOCTR (RANV)-DP AGARD DONIL V229 PANZE V44 CAMRN-STAR	
Fort Lauderdale (FLL)	(Turbojets) DIXE(RANV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Turbojets) WHINO COLIN J61 HUBBS J193 WEAVR J121 CHS J79C OMN MLB BLUFI-STAR	
	or	
	(Water-Turbojets) DIXE(RANV)-DP COLIN J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
Fort Myers (FMY)	(Turbojets) JDUBB (RANV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
Fort Myers (RSW).....	(Turbojets) JDUBB (RANV)-DP GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
Greer (GSP)	(Turbojets) SCRAM (RNAV)-DP LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR.....	1100-0300
Hartford (HFD).....	(Turbojets) SOOKI(RANV)-DP SWANN BROSS J42 RBV J222 JFK DPK MAD V1	1100-0400
Houston George Bush Intcntl (IAH).....	(Turbojets) (IAH East Flow) CLTCH (RANV)-DP MAULS Q40 AEX SKNRD (RNAV)-STAR	1100-0300
	or	
	(Turbojets) (IAH West Flow) CLTCH (RANV)-DP MAULS Q40 AEX DOOBI (RNAV)-STAR	1100-0300
Houston Hobby (HOU).....	(Turbojets) CLTCH (RANV)-DP MAULS Q40 AEX WAPPL(RNAV)-STAR	1100-0300
Indianapolis (IND)	WYNGS RAMAY Q72 HACKS PLSH SNKPT(RNAV)-STAR.....	
Islip (ISP)	(Turbojets) DOCTR (RNAV)-DP AGARD SIE J121 SARDI CCC	1100-0400
Jacksonville (JAX).....	(Turbojets) BOOCK (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS ESENT LUNNI (RNAV)-STAR	
Kansas City (MCI).....	REBL(RNAV)-DP OTTTO COLNS J134 HNN J134 STL MCM BRAYMER-STAR.....	1100-0300
Kennedy (JFK)	(Turbojets) DOCTR (RNAV)-DP AGARD DONIL V229 PANZE V44 CAMRN (RNAV)-STAR	1100-0300
Knoxville (TYS)	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV.....	1100-0300
La Guardia (LGA)	(Turbojets) DOCTR (RNAV)-DP AGARD KORRY-STAR	1100-0400
Louisville (SDF)	(Turbojets) REBL (RNAV)-DP OTTTO Q68 HVQ J6 UNCKL DARBY-STAR.....	1100-0300
Memphis (MEM)	(Turbojets) REBL(RNAV)-DP OTTTO Q80 FAREV BWG BLUZZ(RNAV)-STAR.....	1100-0300
Miami (MIA, TMB, HST)	(Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turbojets) (Water) BOOCK (RNAV)-DP COLIN J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR	
Minneapolis/St Paul (MSP)	(Turbojets) HORTO BUFFER J518 DJB J34 VIO KAMMA KKILR(RNAV)-STAR.....	
Nashville (BNA)	REBL OTTTO Q68 HVQ J6 YOCKY GROAT PASLY(RNAV)-STAR	1100-0300
Newark (EWR).....	SWANN V445 DGO DYLIN-STAR.....	1100-0400
	or	
	(Turbojets) SOOKI (RNAV)-DP SWANN DGO PHLBO (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
New Orleans (MSY).....	(Turbojets) CLTCH (RNAV)-DP MAULS Q40 NIOLA MEI RYTHM-STAR.....	1100-0300
Orlando Executive (ORL).....	(Turbojets) DIXXE (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Orlando Intl (MCO).....	(Turbojets) BOOCK (RNAV)-DP COLIN J61 HUBBS J139 HCM ISO J121 CHS J79 OMN CWRLD(RNAV)-STAR.....	1100-0400
	or	
	(Turbojets) BOOCK (RNAV)-DP COLIN J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
	or	
	(Turbojets) WHINO COLIN J61 HUBBS J139 WEAVR J121 CHS J79 OMN BITHO-STAR.....	
Phoenix (PHX).....	REBLL(RANV)-DP OTTTO COLNS J134 HNN J134 LBL J19 ZUN BUNTR-STAR.....	1100-0300
Providence (PVD).....	SOOKI(RNAV)-DP SWANN BROSS J42 RBV HTO JORDN (RNAV)-STAR.....	1100-0400
Sarasota (SRQ).....	(Turbojet) JDUBB (RNAV)-DP GSO J75 TAY TRAPR (RNAV)-STAR.....	
Savannah (SAV).....	(Turbojets) DIXXE COLIN J61 HUBBS J193 HCM FKN J79 CHS.....	
St. Louis (STL).....	REBLL(RNAV)-DP OTTTO COLNS J134 FLM PXV QBALL-STAR.....	1100-0300
Tampa (TPA).....	(Turbojets) JDUBB (RNAV)-STAR) GSO J75 TAY DADES (RNAV)-STAR.....	1100-0300
Teterboro (TEB).....	(Turbojets) SOOKI(RNAV)-DP SWANN FUBRR JAIKE(RNAV)-STAR.....	1100-0300
West Palm Beach (PBI).....	(Turbojets) DIXXE (RNAV)-DP COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR.....	
	or	
	(Turbojets) WHINO COLIN J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or	
	(Turbojets)(WATER) DIXXE COLIN J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY(RNAV)-STAR.....	
White Plains (HPN).....	(Turbojets) SOOKI(RNAV)-DP SWANN BROSS J150 CYN BOUNO-STAR.....	1100-0400
Windsor Locks (BDL).....	(GPS or DME/DME-IRU equipped) SOOKI (RNAV)-DP SWANN BROSS J42 RBV J222 JFK DPK DEER PARK-STAR.....	
WHITE PLAINS (HPN)		
Nantucket (ACK).....	(Jets only) (FL180-FL230) BAYYS SEALL V188 GON DEEPO (RNAV)-STAR.....	1100-0300
WILKES-BARRE/SCRANTON (AVP)		
Cincinnati (CVG).....	(RNAV only) LVZ SEG PSB MAULL KODIE CTW TIGRR (RNAV)-STAR.....	
WINDSOR LOCKS (BDL)		
Atlanta (ATL).....	(RNAV only) VEERS PWL BASYE Q448 PTW J48 FLASK WINNG (RNAV)-STAR.....	
Baltimore (BWI).....	(Turbojets Only) PWL CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	1100-0300
Boca Raton (BCT).....	(Turbojets GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR.....	
	or	
	(Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR..	
	or	
	(Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Chicago Midway (MDW).....	(DME/DME-IRU or GNSS Required) CTR CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
Chicago O'Hare (ORD)	(DME/DME-IRU or GNSS Required) CTR CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
Cincinnati (CVG)	CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
Dallas-Fort Worth (DFW).....	(RNAV Turbojet) (DFW South Flow) VEERS PWL BASYE DBABE BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	
	or	
	(RNAV Turbojet) (DFW North Flow) VEERS PWL BASYE DBABE BWZ J6 LIT FEWWWW BRDJE (RNAV)-STAR	
	or	
	(All others) VEERS PWL BASYE DBABE BWZ J6 LIT WILBR-STAR	
Denver Intl (DEN).....	(DME/DME-IRU or GNSS Required) CTR CAM ARNII Q816 HOCKE FNT J94 ONL ANCHR (RNAV)-STAR	1100-0300
Detroit Metro Wayne Co (DTW).....	(DME/DME-IRU or GNSS Required) CTR CAM Q822 GONZZ BUF SPICA-STAR	1100-0300
Detroit Satellites: Ann Arbor (ARB), Young (DET), Windsor (CYQG), Willow Run (YIP).....	(DME/DME-IRU or GNSS Required) CTR CAM Q822 GONZZ COLTS BOREK LOPVO AXXIS GOHMA (RNAV)-STAR	1100-0300
Pontiac (PTK)	(DME/DME/IRU or GNSS Required) CTR CAM Q822 GONZZ COLTS BOREK LOPVO AXXIS SWWAN-STAR.....	1100-0300
Ft Lauderdale Metro Area (FLL, FXE, OPF)	(Water-Turbojets) COASTAL (HI)-DEP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH-STAR	1100-0300
	or	
	(Water-Turboprops) COASTAL (HI)-DP GEDIC J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR.....	1100-0300
	or	
	(Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	1100-0300
	or	
	(Turboprops) COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR.....	1100-0300
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	1100-0300
	or	
	(Water-Turboprops-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ILM AR21 CRANS FISEL (RNAV)-STAR	1100-0300
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	1100-0300
Fort Myers (RSW).....	(Turbojets) VEERS PWL CMK J75 DUNKN SHFTY (RNAV)-STAR	1100-0300
Miami Metro Area (MIA, TMB, HST).....	(Turbojets-GPS or DME/DME equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
Minneapolis/St Paul (MSP)	(Turboprops) COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN ANNEY–STAR	
	(DME/DME–IRU or GNSS Required) CTR CAM ARNII Q816 KELTI Q812 ZOHAN GRB EAU CLAIRE–STAR	1100–0300
Orlando Exec (ORL)	COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
Orlando Intl (MCO)	or (GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBACK CWRLD (RNAV)–STAR	1100–0400
	COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
Philadelphia (PHL)	or (Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	1100–0300
	or (GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
Pittsburgh (PIT)	or (GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
	COASTAL–DP CCC SHERL J121 BRIGS JIMMS (RNAV)–STAR	1100–0300
Raleigh–Durham (RDU)	CTR HNK KONJE SLT HAYNZ (RNAV)–STAR	1100–0300
St. Louis (STL)	(GPS OR DME/DME–IRU equipped) VEERS PWL CMK J75 BINKS GVE SBV ALDAN (RNAV)–STAR	1100–0300
	(RNAV only) VEERS PWL IGN Q480 AIR J80 VHP AARCH (RNAV)–STAR	1100–0300
Tampa (TPA)	PWL CMK J75 TAY LZARD–STAR	1100–0300
Washington Dulles (IAD)	(RNAV only) VEERS PWL GANDE DBABE HYPER (RNAV)–STAR	
	or (Turboprops only) (AOB220) MOBBS SAGES LAAYK MIP SEG LEGGO (RNAV)–STAR	1100–0300
Washington Natl (DCA)	COASTAL–DP GEDIC J174 ZIZZI ATR V308 BILIT ...	1100–0300
West Palm Beach (PBI)	or (Turbojets) COASTAL– DP GEDIC J174 ZIZZI ATR LAFNL DEALE (RNAV)–STAR	1100–0300
	(Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	1100–0300
WORCESTER (ORH)	or (Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
	or (Water–Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
Fort Lauderdale (FLL)	(Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	1100–0300
Fort Lauderdale (FLL)	(Water–Turbojets only, GPS or DME/DME or IRU equipped) HTO J174 SWL KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0400
	or (Turbojets only, GPS or DME/DME or IRU equipped) HTO J174 SWL J121 CHS J79 OMN FISEL (RNAV)–STAR	1100–0400

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Orlando (MCO)	(Turbojets only, GPS or DME/DME or IRU equipped) HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(Water-Turbojets only, GPS or DME/DME or IRU equipped) HTO J174 SWL KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400

PREFERRED IFR ROUTES
SPECIAL HIGH ALTITUDE DIRECTIONAL ROUTES

Effective
Times
(UTC)

Terminals	Route	
Traffic entering Atlanta Center Southwest bound via J37 LYH:		
GMU.....	(RNAV equipped, Turbojet/Turboprop) JUNNR (RNAV)-STAR.....	
GSP.....	(RNAV equipped, Turbojet/Turboprop) LYH GMONY WAMUR JUNNR JUNNR (RNAV)-STAR.....	
GYH.....	(RNAV equipped, Turbojet/Turboprop) JUNNR (RNAV)-STAR.....	
LQK.....	(RNAV equipped, Turbojet/Turboprop) JUNNR (RNAV)-STAR.....	
SPA.....	(RNAV equipped, Turbojet/Turboprop) JUNNR (RNAV)-STAR.....	
Traffic overflying Atlanta Center Eastbound originating South of a line from DFW to JFK:		
BOS.....	(DME/DME-IRU or GNSS Required) GRD J209 RDU J207 FKN J79 JFK ROBUC (RNAV)-STAR.....	1100-0300
	or	
	(Prop Only) SIE J121 HTO V308 ORW V16 WOONS.....	
BWI.....	SPA J14 RIC OTT-STAR.....	
	or	
	(GPS or DME/DME-IRU equipped) SPA J14 RIC RAVNN (RNAV)-STAR.....	
DCA.....	SPA J14 RIC IRONS-STAR.....	
	or	
	(GPS or DME/DME-IRU equipped) SPA J14 RIC OJAAY (RNAV)-STAR.....	
LGA.....	AHN J208 HPW J191 PXT KORRY-STAR.....	
PHL.....	SPA J14 J51 FAK DPNT-STAR.....	
Traffic originating East of Chicago Terminating Denver:		
DJB.....	J60 IOW DSM J144 OBH J10 LBF SAYGE-STAR.....	1300-0100
BAE.....	J16 MCW ONL J114 SNY LANDR-STAR.....	
STL.....	STL J110 GCK J154 RYLIE DANDD-STAR.....	1300-0100
Traffic overflying Cleveland Center and South of SLT:		
HPN.....	(Above 250 kts) SLT J190 CFB DNY280 DNY VALRE-STAR.....	
	or	
	PSB J49 CFB220 CFB DNY280 DNY VALRE-STAR.....	
	or	
	(250 kts or less) SLT J190 CFB DNY280 DNY NOBBI-STAR.....	
	or	
	PSB J49 CFB220 CFB DNY280 DNY NOBBI-STAR.....	
Traffic originating South of Wilmington, NC:		
LGA.....	ILM J109 FAK DYLIN-STAR.....	1100-0300
	ILM TYI HPW J191 PXT KORRY-STAR.....	1100-0300
Traffic overflying Indianapolis Center area Eastbound:		
BOS.....	(Non-RNAV) ROD J29 J82 ALB GDM GDM-STAR.....	
IAD.....	HVQ J8 DILLN J213 FINKS DOCCS-STAR.....	
	or	
	APE AIR MGW MGW121 VERNI ESL ESL187 FINKS DOCCS-STAR.....	
JFK.....	ROD J29 J70 LVZ LENDY-STAR.....	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
LGA	ROD J29 J146 MIP-STAR	1100-0300
	or	
	BKW J42 GVE KORRY-STAR	1100-0300
PHL	ROD J152 HAR V210 BUNTS	1100-0300
	or	
	BKW J42 GVE DPNT-STAR	1100-0300
PIT	APE CTW V443 WISKE	
	or	
	HNN JPU V117 WISKE	
TEB/MMU/CDW SATELLITES	(Non-Advanced Nav Aircraft only) ROD J29 JHW J70 LVZ LVZ-STAR	
Traffic overflying Indianapolis Center area Eastbound originating North and West of a line from DFW to JFK:		
ABE	RID CXR H146	
ACY	ROD J152 HAR LRP DQO ENO SIE	
BDL	ROD J29 JHW J82 WILET RKA SWEDE-STAR .	
BWI	ROD J152 J162 MGW EMI-STAR	
CEF	ROD J29 JHW J82 ALB	
FRG	ROD J29 JHW J82 J522 HNK IGN V58 V91 CCC	
HPN	(Above 250 kts) ROD J29 JHW J82 WILET DNY VALRE-STAR	
	or	
	(250 kts or less) ROD J29 JHW J82 WILET DNY NOBBI-STAR	
ISP	(Above 250 kts) ROD J152 J178 PSB J49 HNK J68 V130 TOMES MAD V34 CREAM V16 CCC	
	or	
	(250 kts or less) ROD J152 J78 PSB J49 HNK DNY LOVES-STAR	
TEB/MMU/CDW/LDJ	ROD J29 JHW J70 LVZ-STAR	
Traffic overflying Indianapolis Center area Eastbound originating South and East of a line from DFW to JFK:		
ABE	BKW LDN LDN031 V377 HAR V162 DUMMR .	
ACY	BKW J42 OTT SIE	
BWI	BKW J147 CSN OTT-STAR	
	or	
	(GPS or DME/DME-IRU equipped) BKW J147 CSN RAVNN (RNAV)-STAR	
DAA	BKW TRUPS (RNAV)-STAR	
DOV	BKW J42 GVE ENO-STAR	
HPN	BKW J42 OOD J150 CYN BOUNO-STAR	
IAD	HVQ J8 DILNN J213 FINKS DOCCS-STAR	1100-1830 and 2230-0300
	or	
	BKW GIBBZ (RNAV)-STAR	1100-1830 and 2230-0300
	or	
	GSO J14 CREWE J51 FAK COATT-STAR	1830-2230
	or	
	GSO J14 CREWE J51 FAK BARIN (RNAV)-STAR	1830-2230
LFI	BKW J42 MOL J24 HCM	
PHL	BKW J42 GVE DPNT-STAR	
TEB/MMU/CDW/LDJ	(Advanced-Nav Aircraft only) BKW J42 GVE JAIKE-STAR	
WRI	BKW J42 OTT SIE-STAR	

PREFERRED IFR ROUTES

Effective
Times
(UTC)

Terminals	Route	Effective Times (UTC)
Traffic overflying Indianapolis (ZID) or Cleveland Centers (ZOB) landing in the Washington Metropolitan Area:		
BWI	MGW EMI-STAR	1100-0300
	or	
	BKW J147 CSN OTT-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BKW J147 CSN RAVNN (RNAV)-STAR	1100-0300
DCA	APE J30 BUCKO NUMMY-STAR	1100-0300
	or	
	APE J30 BUCKO NUMMY-STAR	1100-0300
	or	
	GSO J14 RIC IRONS-STAR	
	or	
	(GPS or DME/DME-IRU equipped) APE J30 BUCKO FRDMM (RNAV)-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BKW TRUPS (RNAV)-STAR	1100-0300
	APE J30 BUCKO NUMMY-STAR	
	or	
	BKW TRUPS (RNAV)-STAR	
IAD	APE AIR MGW MGW121 VERNI ESL ESL187 FINKS DOCCS1 AID	
	or	
	HVQ HVQ JB DILNN J123 FINKS DOCCS-STAR	1100-1830 and 2230-0300
	or	
	(GPS or DME/DME-IRU equipped) APE AIR MGW GIBBS (RNAV)-STAR	
	or	
	BKW GIBZZ (RNAV)-STAR	1100-1830 and 2230-0300
	or	
	HVQ GIBZZ (RNAV)-STAR	
Traffic overflying Washington Center (ZDC) Southbound originating North of ZDC and landing South of ZDC:		
ZJX (Jacksonville Center)	(Turbojet above FL240) J75 CAE	1100-2000
	or	
	(Turbojet above FL240) J146 ETG PSB J61 EDDYS J174 DIW	1100-2000
	or	
	(Turbojet above FL240) J53 Q103 PSK CAE	
	or	
	(Turbojet above FL240) J174 SWL J121 DIW	1100-2000
	or	
	(Turbojet above FL240) J79 SBY J209 ORF J174 DIW	1100-2000
	or	
	(Turbojet above FL240) J79 SBY J209 ORF J121 CHS	1100-2000
	or	
	(Turbojet above FL240) J61 EDDYS J174 DIW	1100-2000
	or	
	(Turbojet above FL240) J61 HUBBS J193 WEAVR J121 CHS	1100-2000
	or	
	(Turbojet above FL240) J61 OTT J61 HUBBS J193 WEAVR J121 CHS	1100-2000

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Traffic overflying Elwood City VORTAC (EWC) Northbound:		
ROC	EWC EWC050130 GEE.....	
BUF	EWC DKK DKK020 WELLA	
	EWC EWC050130.....	
Traffic entering ZBW originating South and West of a line from HNK to ROC landing HYA/ACK/MVY:		
Q935	Q935 PONCT ENE V167 LFV	1100-0300
Q82	Q82 PONCT ENE V167 LFV	1100-0300
Traffic entering ZBW via RBV or JFK landing HYA:		
RBV	J62 MVY241 MVY	
	or	
	FLAPE MVY	1100-0300
JFK	J79 MVY241 MVY	
	or	
	FLAPE MVY	1100-0300
Traffic entering ZBW via RBV or JFK landing MVY:		
RBV	LIBBE FLAPE MVY.....	1100-0300
JFK.....	J79 MVY241 MVY.....	
	or	
	LIBBE FLAPE MVY.....	1100-0300
Traffic entering ZBW via RBV or JFK landing ACK:		
RBV	J62 ACK.....	
	or	
	FLAPE CLAMY ACK	1100-0300
	or	
	J79 J62 ACK	1100-0300
	or	
	FLAPE CLAMY ACK	1100-0300
	or	
	RIFLE DEEPO (RNAV)-STAR.....	1100-0300
Traffic entering ZBW via J174 or J121 landing HYA:		
J121	J121 SHLEP J62 MVY241 MVY.....	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100-0300
J174	J174 RIFLE J62 MVY241 MVY.....	
	or	
	J174 RIFLE FLAPE MVY	1100-0300
Traffic entering ZBW via J174 or J121 landing MVY:		
J121	J121 SHLEP J62 MVY241 MVY.....	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100-0300
J174	J174 RIFLE J62 MVY241 MVY.....	
	or	
	J174 RIFLE LIBBE FLAPE MVY.....	1100-0300
Traffic entering ZBW via J174 or J121 landing ACK:		
J121	J121 SHLEP J62 ACK.....	
	or	
	J121 SHLEP FLAPE CLAMY	1100-0300
J174	J174 RIFLE J62 ACK.....	
	or	
	J174 RIFLE FLAPE CLAMY.....	1100-0300
	or	
	J174 RIFLE DEEPO (RNAV)-STAR	1100-0300

PREFERRED IFR ROUTES
HIGH ALTITUDE—SINGLE DIRECTION ROUTES

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
J6	Lancaster, PA to Little Rock, AR	Southwest	1100-0300
J14	Greensboro, NC to Richmond, VA	Northeast	1100-0300
J30	Joliet, IL to TRIXY Int., VA	East	1100-0300
J34	Bellaire, OH to TRIXY Int., VA	East	1100-0300
J37	Coyle, NJ to Spartanburg, SC	Southwest	1100-0300
J40	Wilmington, NC to Richmond, VA	North	1100-0300
J42	Texarkana, AR to Robbinsville, NJ	Northeast	1100-0300
J48	Pottstown, PA to Foothills, GA	Southwest	1100-0300
J51	Columbia, SC to Yardley, NJ	Northeast	1100-0300
J55	Florence, SC to HUBBS Int., VA	Northeast	1100-0300
J61	Philipsburg, PA to EDDYS Int., VA	South	1100-0300
J75	Modena, PA to Greensboro, NC	Southwest	1100-0300
J109	Wilmington, NC to Buffalo, NY	North	1100-0300
J134	Linden, VA to Henderson, WV	West	1100-0300
J149	Armel, VA to Rosewood, OH	West	1100-0300
J150	Gordonsville, VA to Hampton, NY	East	1100-0300
J162	Bellaire, OH to Martinsburg, WV	East	1100-0300
J191	Wilmington, NC to Robbinsville, NJ	North	1100-0300
J193	HUBBS Int., VA to Wilmington, NC	South	1100-0300
J208	Athens, GA to Hopewell, VA	Northeast	1100-0300
J209	Greenwood, SC to Norfolk, VA	Northeast	1100-0300
J211	Westminster, MD to Johnstown, PA	Northwest	1100-0300
J518	Baltimore, MD to Indian Head, PA	Northwest	1100-0300
Q68	Charleston, WV to Washington, DC	West	1100-0300
Q69	LUNDD, VA to RICCS, WV	Northbound	0000-2359
Q72	Indianapolis, IN to Washington, DC	West	1100-0300
Q80	Indianapolis, IN to Washington, DC	West	1100-0300
Q103	RICCS, WV to PSK, VA	Southbound	0000-2359

GULF OF MEXICO “Q ROUTES”

These area navigation routes extend more than 12 miles off shore in airspace controlled by the Federal Aviation Administration (FAA). Additional regulatory information for these routes can be found in the Notices to Airmen Publication, Part 3, International Notices to Airmen.

These routes have a Minimum Obstruction Clearance Altitude (MOCA) of 1500 feet (MSL). The Minimum Enroute Altitude (MEA) for these routes is 6000 feet (MSL).

Q100

LEV VORTAC

REDFN N28°52.98'/W088°42.11'

NAITE N28°42.64'/W088°05.00'

ROZZI N28°18.87'/W086°42.31'

REMIS N27°53.04'/W085°15.47'

SRQ

VOR/DME

Q102

LEZ VORTAC

BLVNS N28°22.94'/W088°02.05'

BUNNZ N28°00.58'/W086°45.76'

BACCA N27°35.51'/W085°20.66'

CIGAR N27°29.61'/W084°46.99'

BAGGS N27°08.06'/W082°50.45'

CYY VOR/DME

Q105

HRV VORTAC

FATSO N29°41.40'/W089°47.08'

REDFN N28°52.98'/W088°42.11'

BLVNS N28°22.94'/W088°02.05'

Q-ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico.

GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note “GNSS REQUIRED”.

Route	Segment	DME
Q1	POINT REYES-ETCHY	LIN, ECA, RBL, SAC, OAK, PYE
	ETCHY-TOCOS	RBL, PYE, SAC, OAK, LIN, ECA, ENI
	TOCOS-ENVIE	OED, RBL, ENI, PYE
	ENVIE-ELENN	RBL, LMT, OED
	ELENN-EBINY	LMT, OED, CVO, EUG, RBL
	EBINY-EASON	CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT
	EASON-ERAWE	SEA, BTG, OLM, HQM, LTJ, CVO, DSD, OED, UBG, ONP, EUG
Q2	ERAWE-ELMAA	BTG, OLM, HQM, UBG, HUH
	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN,
	HEDVI-HOBOL	BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS
	HOBOL-ITUCO	TFD, GBN, BLH, PXR, TUS, CIE, SSO
Q3	ITUCO-NEWMAN	EWM, TFD, PXR, CIE, SSO, TUS, TCS
	FEPOT-FAMUK	OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG
	FAMUK-FRFLY	BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT
	FRFLY-FINER	OED, EUG, RBL, LMT, ENI, CVO, FJS
	FINER-FOWND	OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS
	FOWND-POINT REYES	LIN, ECA, PYE, RBL, SAC, ENI

Route	Segment	DME	
Q4	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, BZA, EED, GBN	
	HEDVI-SCOLE	EED, BLH, BZA, GBN, TRM, IPL, TFD	
	SCOLE-SPTFR	EED, BLH, BZA, GBN, TRM, IPL, TFD	
	SPTFR-ZEBOL	EED, IPL, BZA, GBN, TFD, PXR, BLH	
Q5	ZEBOL-SKTTR	PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS	
	SKTTR-EL PASO	EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME	
	HAROB-HISKU	OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH	
	HISKU-HARPR	ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV	
Q7	HARPR-HOMEG	CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV	
	HOMEG-HUPTU	SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS	
	HUPTU-STIKM	OAK, ECA, PYE, LIN, SAC, ENI, RBL	
	JINMO-JOGEN	CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA	
Q9	JOGEN-JUNEJ	LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG	
	JUNEJ-JAGWA	RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS	
	JAGWA-AVENAL	OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ	
	SUMMA-SMIGE	OLM, UBG, SEA, YKM, BTG, ONP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH	
Q11	SMIGE-SUNBE	IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG	
	SUNBE-REBRG	RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR	
	REBRG-DERBB	CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA	
	PAAGE-PAWLI	EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA	
Q13	PAWLI-PITVE	EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO	
	PITVE-PUSHH	FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ	
	PUSHH-LOS ANGELES	SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS	
	All segments	GNSS required	
Q15	All segments	GNSS required	
	NASHVILLE-PLESS	BNA, BWG, CSX, ENL, FAM, GQO, IIU, PXV, STL	
	PLESS-ST LOUIS	AXC, CSX, ENL, FAM, PXV, SPI, STL, UIN	
	ST LOUIS-DES MOINES	ALO, AXC, CID, CSX, DSM, ENL, FAM, FOD, LOW, IRK, LMN, OVR, SPI, STL, UIN	
Q20	DES MOINES-SIOUX FALLS	ALO, CID, DSM, FOD, FSD, LOW, IRK, LMN, MCV, ONL, OVR, RWF	
	SIOUX FALLS-ABERDEEN	ABR, FAR, FOD, FSD, ONL, RWF	
	CORONA-HONDS	CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME	
	HONDS-UNNOS	CNX, INK, CME, TXO, TCC	
Q21	UNNOS-FUSCO	FST, ACH, INK, CME, SJT, TXO, TCC	
	FUSCO-JUNCTION	ABI, CWK, CSI, INK, LZZ, JCT, SGT, STV, FST	
	JONEZ-RAZORBACK	BYR, EOS, TUL, TXK, ADM, RZC, OKM	
	Q22	GUSTI-OYSTY	AEX, LFT, LLA, VUH, LCH
OYSTY-ACMES		LEV, HRV, PCU, ROR, MCB	
ACMES-CATLN		BFM, HRV, CEW, GCV, MCB	
CATLN-TWoup		CEW, MGM, MVC, SJI, MEI	
TWoup-SPARTANBURG		PDK, MCN, AHN, GOO, ODF	
SPARTANBURG-NYBLK		CAE, SPA, IRQ, SUG, ODF	
NYBLK-MASHI		SPA, BZM, GRD, CLT, GSO	
MASHI-KIDDO		SPA, BZM, GRD, CLT, GSO	
KIDDO-OMENS		SBV, LIB, PSK, GSO, RDU	
OMENS-BEARI		GVE, FAK, PSK, RIC, RDU	
Q23		FORT SMITH-RAZORBACK	OKM, RZC, EOS, TUL
Q24		LAKE CHARLES-FIGHTING TIGER	AEX, DAS, LCH, MCB, LFT, LSU
	FIGHTING TIGER-IRUBE	AEX, LEV, MCB, LCH, RQR, HRV, LSU, GCV, PCU, SJI, LBY	
	IRUBE-PAYTN	GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI	
	Q25	MEEOW-WALNUT RIDGE	ELD, MEM, LIT, FAM, RZC, EIC, TXK, ARG, GQE
Q26	WALNUT RIDGE-WLSUN	MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH	
	WLSUN-POCKET CITY	BWG, PXV, ENL, BNA, TTH	
Q27	WALNUT RIDGE-DEVAC	LIT, JKS, GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG	
	FORT SMITH-ZALDA	OKM, SGF, RZC, EOS, TUL	

Route	Segment	DME	
Q28	GRAZN-PYRMD	EIC, LIT, ELD, OKM, TXK	
	PYRMD-HAKAT	ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK	
	HAKAT-ESTEE	ARG, LIT, FAM, SGF, MEM	
	ESTEE-POCKET CITY	ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA	
Q29	HARES-BAKRE	AEX, EIC, ELD, LIT, MEM, MHZ, SQS, SWB, TXK	
	BAKRE-MEMPHIS	ARG, ELD, LIT, MEM, MHZ, SQS	
	MEMPHIS-OMDUE	ARG, BNA, FAM, LIT, MEM, PXV, SQS	
	OMDUE-SIDAE	ARG, BNA, BWG, ENL, FAM, IIU, MEM, PXV	
	SIDAE-CREEP	APE, BNA, BWG, ENL, FLM, FWA, IIU, OKK, PXV, ROD, TTH, VHP	
	CREEP-KLYNE	PAE, CRL, DJB, DXO, FLM, FWA, IIU, OKK, ROD, VHP	
	KLYNE-DUTSH	APE, CRL, CXR, DJB, DXO, FWA	
	DUTSH-WWSHR	APE, CRL, CXR, DJB, DXO, EWC	
	WWSHR-DORET	APE, CRL, CXR, DJB, DXO, EWC	
	DORET-JAMESTOWN	BUF, CXR, DJB, DKK, DXO, ETG, EWC, JHW, PSB, SLT	
	JAMESTOWN-HANKK	BFD, BUF, DKK, ELZ, ETG, EWC, GEE, HNK, JHW, PSB, ROC, SLT, SYR, TDT	
	HANKK-GONZZ	BUF, DKK, GEE, HNK, HUO, ITH, JHW, MSS, ROC, SLT, SYR	
	GONZZ-KRAZZ	BUF, GFL, GGT, HNK, HUO, MSS, PUT, SYR	
	KRAZZ-NIPPY	GFL, HNK, HUO, MSS, PUT, SYR	
Q30	NIPPY-CABCI	BGR, BTV, ENE, GFL, MPV, MSS, PUT	
	CABCI-EBONY	AUG, BGR, ENE, MLT, MPV, MSS, PNN, PQI	
	EBONY-DUNOM	BGR, MLT, PNN	
	DUNOM-US CANADIAN BORDER	BGR, MLT, PNN	
	Q31	SIDON-VULCAN	GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG
		DHART-JODOX	SQS, LIT, TXK
	Q32	JODOX-MARVELL	SQS, LIT, ELD, MEM, ARG
MARVELL-TIIDE		ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH	
TIIDE-POCKET CITY		BWG, PXV, ENL, TTH	
Q33	EL DORADO-GAGLE	AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK	
	GAGLE-CRAMM	JAN, SQS, MEM, ARG, VUZ, BNA, LIT	
	CRAMM-NASHVILLE	BWG, MEM, VUZ, BNA, GQO	
Q34	NASHVILLE-SWAPP	BWG, IIU, PXV, VXV, BNA, GQO	
	DHART-LITTLE ROCK	AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS	
Q35	LITTLE ROCK-PROWL	ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL	
	TEXARKANA-MATIE	LIT, SWB, TXK, BYP, EIC, ELD, SQS	
	MATIE-MEMPHIS	LIT, ARG, MEM, ELD, SQS	
	MEMPHIS-SWAPP	BWG, ARG, MEM, MKL, SQS, PXV, BNA, GQO, IIU, VXV	
Q36	DRAKE-CORKR	TFD, INW, GCN, FLG, PGS, DRK, BLD, BCE, TBC	
	CORKR-WINEN	DRK, INW, PGS, TBC, MLF, ILC, BLD, BCE, CDC	
	WINEN-NEERO	BCE, MLF, CDC, ELY, DTA, ILC, BVL, REO, BAM, SDO, BQU	
	NEERO-KOATA	REO, LKV, BOI, PDT, BAM, IMB, DSD	
Q37	KOATA-KIMBERLY	LKV, REO, PDT, DSD, LTJ	
	RAZORBACK-TWITS	RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT	
	TWITS-DEPEC	MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU	
	DEPEC-NASHVILLE	GQO, BWG, BNA, PXV, IIU	
Q38	NASHVILLE-SWAPP	VXV, BWG, BNA, GQO, PXV, IIU	
	FORT STOCKTON-CAVRN	SJT, ELP, INK, CME, FST	
	CAVRN-YORUB	TXO, ELP, CME, INK, FST, SJT	
	YORUB-IMMAS	CME, ABQ, TXO, ACH, FTI, CNX, TCC, CIM, INK	
Q39	IMMAS-PUEBLO	FTI, CIM, ALS, PUB, LAA, HGO, FQF, DVV, DEN, BVR, BJC, AKO, ACH, TCC, TXO, CNX	
	ROKIT-INCIN	DAS, LCH, SWB, IAH, LFK, HUB, AEX	
	INCIN-LAREY	JAN, MCB, SWB, AEX	
Q40	LAREY-BESOM	JAN, JYU, MEI, SQS, VUZ	
	BESOM-WISTA	AIR, BKW, GSO, HNN, HVQ, PSK, RDU, SPA	

Route	Segment	DME	
Q40	ALEXANDRIA-DOOMS	LCH, SWB, AEX, MCB, HEL	
	DOOMS-WINAP	JAN, SWB, AEX, MCB, HEZ	
	WINAP-MISLE	JAN, SQS, MEI, MCB	
	MISLE-BFOLO	LDK, VUL, OKW, MEL, JYU	
	BFOLO-NIOLA	LGC, VUZ, GOO, RMG, GAD	
	NIOLA-JAARE	ATL, ODF, GOO, RMG, VXV	
	JAARE-OJESS	SPZ, ODF, GOO, SOT, VXV	
	OJESS-ALEAN	SPA, ODF, HMV, SOT, VXV	
	ALEAN-FEEDS	BLF, BKW, HMV, GZG, GSO	
	FEEDS-MAULS	BLF, BKW, LWB, ROA, GSO	
	MAULS-FANPO	FAK, RIC, MOL, GVE, CSN	
	Q42	KIRKSVILLE-STRUK	CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX
		STRUK-DANVILLE	ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK
DANVILLE-MUNCIE		GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM	
MUNCIE-HIDON		FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC	
HIDON-BUBAA		AIR, APE, HNN, CXR, HVQ, EWC, DJB	
BUBAA-PSYKO		AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB	
PSYKO-BRNaN		PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT	
BRNaN-HOTEE		SLT, PSB, THS, ETG, RAV, THS, HAR, SEG, LRP, EMI	
HOTEE-MIKYG		RAV PSB LRP EMI RBV PTW HNK HUO SIE HNK SAX	
MIKYG-SPOTZ		FJC SIE CYN LRP SAX JFK PTW ETX EMI	
SPOTZ-ZIMMZ		BWZ SAX CYN ETX HNK	
Q50		LOUISVILLE-HELUB	HYK, FLM, IIU, ABB, EWO, BWG
		HELUB-ENGRA	HYK, FLM, IIU, LOZ, BWG, VXV
	ENGRA-IBATE	HYK, FLM, IIU, LOZ, AZO, VXV	
Q52	IBATE-CUBIM	AZQ, FLM, IIU, LOZ, VXV	
	CHOPZ-IPTAY	ODF, RMG, MCN, AHN, IRQ	
Q54	IPTAY-AWYAT	IRQ, CLT, SPA, GRD, CAE	
	AWYAT-COLZI	BZM, RDU, SPA, PSK, GSO	
	GREENWOOD-NYLLA	IRQ, SPA, CAE, GRD, ELW, FLO, ODF	
Q56	NYLLA-CHYPS	CAE, IRQ, GRD, SPA, CLT, CTF, FLO, GSO	
	CHYPS-AHOEY	CAE, SPA, GSO, CLT, RDU, FLO	
	AHOEY-RAANE	SPA, FLO, GSO, RDU, SDZ, CTF	
	RAANE-NUTZE	ILM, SDZ, RDU, TYI, FLO, LIB, ORF, GSO, ISO, FAY	
Q58	CATLN-KBLER	ATL, CEW, GRD, JYU, LGC, MCN, MEL, MGM, MVC, ODF, PDK, PZD, RMG, SJI, TGE, VUZ	
	KBLER-KELLN	AHN, ATL, CAE, ELW, GRD, IRQ, MCN, ODF, RMG, SPA	
	KELLN-KTOWN	CAE, CLT, FLO, GRD, GSO, IRQ, ODF, SPA	
	KTOWN-BYSCO	CAE, CLT, FLO, GRD, GSO, LIB, PSK, RDU, SPA	
	BYSCO-JOOLI	FLO, GSO, LIB, PSK, RDU	
	JOOLI-NUUMN	FAK, GSO, LIB, PSK, RDU, SBV	
	NUUMN-ORACL	FAK, GSO, GVE, LIB, PSK, RDU, RIC, SBV	
	ORACL-KIWII	FAK, GSO, GVE, RDU, RIC, SBV	
	KELLN-GLOVR	FLO, GRD, GSO, ODF, CAE, CLT, SPA, ELW, IRQ, RDU, ODF, LIB	
	GLOVR-LUMAY	FLO, GSO, RDU, LIB, CLT, SPA, SDZ	
	LUMAY-STUKI	FLO, GSO, RDU, LIB, SDZ, PSK	
	STUKI-PEETT	FAK, PSK, GSO, RDU, RIC, LIB, SBV, GVE	
	Q60	SPARTANBURG-BYJAC	GRD, RDU, SUG, CLT, GSO, ODF, PSK, CAE, SPA, LIB, BZM, IRQ
BYJAC-EVING		RDU, GSO, PSK, LIB	
EVING-LOOEY		RDU, GSO, PSK, GVE, SBV, FAK, LIB	
LOOEY-JAXSN		RDU, GSO, RIC, PSK, GVE, SBV, FAK	

Route	Segment	DME
Q62	WATSN-DAIFE	OKK, OXL, BVT, GIJ, GRR, GSH, FWA
	DAIFE-NOLNN	GSH, BVT, OKK, OXI, ROD, CRL, FWA, GIJ, DXO, GRR, PMM
	NOLNN-WEEVR	DXO, GIJ, DJB, ROD, FWA
	WEEVR-PSKUR	APE, VWV, DJB, ROD, CRL, GSH, SKY, DXO, CXR, DJB, MFD
	PSKUR-FAALS	CRL CXR DJB SKY APE DXO EWC MFD AIR ACO BSV YNG ACO
	FAALS-ALEEE	YNG ACO EWC DJB AIR
	ALEEE-QUARM	CXR JHW EWC DJB AIR ETG CIP PSB MMJ
	QUARM-BURNI	PSB JHW TON JST EWC PSB SLT REC ETG
	BURNI-MCMAN	SEG ETG TON SLT EMI
	MCMAN-VALLO	SEG, PSB, TON, SLT, EMI
	VALLO-RAVINE	SEG MIP RAV SLT EMI HAR ETG PSB
	RAVINE-SUZIE	SAX, EMI, RBV, MIP, PSB, LRP, ETG, PTW
	SUZIE-SARAA	LRP, SIE, SAX, PTW, ETX
	Q63	DOOGE-HAPKI	GZG VXV AZQ BKW HVQ
HAPKI-TONIO		HVQ VXV AZQ FLM HNN
TONIO-OCASE		HYK IIU CVG FLM
OCASE-HEVAN		ROD IIU CVG RID VHP
Q64	CATLN-FIGEY	AHN, ATL, CAE, CEW, CSG, ELW, GRD, IRQ, JYU, LGC, MCN, MEL, MGM, MVC, ODF, PZD, RMG, SJI, SPA, TGE
	FIGEY-GREENWOOD	AHN, CAE, ELW, GRD, IRQ, MCN, ODF, SPA
	GREENWOOD-DARRL	CAE, CLT, ELW, FLO, GRD, GSO, IRQ, ODF, SPA
	DARRL-IDDAA	CAE, CLT, CTF, FLO, GRD, GSO, IRQ, LIB, RDU, SDZ, SPA
	IDDAA-TAR RIVER	CTF, FAK, FAY, FLO, GSO, ILM, LIB, ORF, RDU, RIC, SDZ, SPA, TYI
	Q65	JEFOI-CESKI	DBN IRQ MCN OTK PZD
CESKI-DAREE		ODF GRD HRS VXV RMG
DAREE-LORNN		ODF GQO HRS VXV RMG
LORNN-SOGEE		BWG, IIU, LOZ, VXV, FLM
SOGEE-ENGRA		BWG IIU LOZ HYK FLM
ENGRA-OCASE		CVG IIU FLM HYK
Q66	OCASE-ROSEWOOD	FWA DQN FLM ROD APE
	LITTLE ROCK-CIVKI	ELD, PBF, ARG, MEM
	CIVKI-RICKX	GOE, UJM, LIT, ARG, MEM
	RICKX-TROVE	SOS, HLI, VUZ, BNA, MEM
	TROVE-BAZOO	VXV, SYI, GOO, BNA, BWG
	BAZOO-METWO	VXV, LVT, GOO, HCH, BWG
	METWO-MXEEN	VXV, LVT, GOO, HCH, BNA
Q67	MXEEN-ALEAN	VXV, FLM, GOO, HCH, BWG
	SMTTH-CEMEX	VXV, FLM, IIU
	CEMEX-IBATE	VXV, FLM, IIU, HVQ
	IBATE-TONIO	BKW, HNN, HVQ
	TONIO-JONEN	BKW, FLM, HNN, HVQ, VXV
Q68	JONEN-COLTZ	AIR, APE, BKW, CXR, DJB, FLM, HNN, HVQ, ROD
	CHARLESTON-TOMCA	FLM, HNN, BKW, HVO, AIR, PSK, EKN
	TOMCA-RONZZ	AIR, HNN, EKN, HVO, BKW, PSK, GVE
	RONZZ-HHOLZ	AIR, GVE, EKN, HVO, BKW, CSN, HNN, PSK
	HHOLZ-HAMME	CSN, GVE, FAK, ESL, LDN, BKW, EKN, HVO
	HAMME-CAPOE	CSN, EMI, FAK, ESL, LDN, GVE, RIC, AML, BKW, EKN
Q69	CAPOE-OTTTO	LDN, EMI, GVE, ESL, RIC, CSN, AML
	BLAAN-RYCKI	CHS, GRD, CLT, BZM, FLO, SPA, GSO, CAE, CTF, RDU, BKW, VAN, IRQ, PSK
	RYCKI-LUNDD	ROA, GSO, RDU, BKW, PSK
	LUNDD-ILLSA	ROA, GSO, LWB, PSK, BKW, HVQ, RDU
	ILLSA-EWESS	ROA, PSK, LWB, GVE, HNN, BKW, EKN, HVQ, GSO
EWESS-RICCS	AIR, HVQ, HNN, PSK, BKW, GVE	

Route	Segment	DME
Q70	HAILO-LAS VEGAS	BLD, BTY, EED, LAS
	LAS VEGAS-IFEYE	BLD, EED, LAS, PGS
	IFEYE-BLIPP	BLD, ILC, EED, LAS, PGS
	BLIPP-EEVUN	BLD, ILC, CDC, LAS, PGS, MLF
	EEVUN-BLOBB	BLD, ILC, CDC, MLF, PGS
Q71	BLOBB-BAWER	BCE, ILC, MLF
	BAWER-SAKES	FFU, DVC, BCE, ILC, DTA, HVE, JNC, PUC, MTU
	BOBBD-ATUME	FLM, AZO, BKW, VXV
	ATUME-HAPKI	FLM, AZO, BKW, VXV, HVQ
	HAPKI-KONGO	HNN, AZO, BKW, GZG, HVQ
	KONGO-WISTA	HNN, HVQ, BKW, PSK
	WISTA-GEFFS	HNN, HVQ, BKW, AIR
	GEFFS-EMNEM	AIR, BKW, EWC, HNN, HVQ
	EMNEM-PSYKO	AIR, ETG, EWC, PSB, SLT
	PSYKO-PHILIPSBURG	AIR, EMI, ETG, EWC, JHW, PSB, SLT
Q72	HACKS-GEQUE	AIR, CKB, APE, HVQ, JPU, EKN, BKW, HNN, MGW
	GEQUE-BENSH BENSH-RAMAY	AIR, EKN, MGW, HVQ, CKB, ESL, CSN, GVE, LDN, EMI, HNN, BKW AML, EMI, GVE, MRB, CSN, MGW, ESL, AIR, LDN, EK
Q73	All segments	GNSS required
Q74	NATEE-BOULDER CITY	PGS, BLD, EED, LAS
	BOULDER CITY-ZAINY	ILC, BCE, PGS, BLD, EED, LAS
	ZAINY-FIZZL	ILC, BCE, PGS, BLD, CDC, LAS, MLF
	FIZZL-GARDD	BCE, PGS, BLD, MLF, TBC
Q78	GARDD-DEANN	BCE, PGS, HVE, TBC
	MARUE-DUGGN	BLD, DRK, EED, LAS, PGS, PKE, TBC
Q80	DUGGN-TOADD	ZUN, BCE, BLD, DRK, FLG, INW, LAS, PGS TBC, PKE
	FAREV-JEDER	BWG, IIU, FLM, VXV, LOZ, HYK
	JEDER-ENGRA	HYK, IIU, FLM, VXV, LOZ, AZQ, BWG
	ENGRA-DEWAK	HVQ, IIU, FLM, AZQ, HNN, ECB, BKW, LOZ, VXV, HYK
	DEWAK-CEGMA	ECB, BKW, FLM, AZQ, HNN, HVQ
	CEGMA-JONEN	ECB, BKW, AZQ, HNN, FLM, HVQ
	JONEN-BULVE	ECB, HVQ, FLM, BKW, HNN, AZQ
	BULVE-WISTA	ECB, HVQ, BKW, HNN, FLM
	WISTA-LEVII	HNN, HVQ, FLM, BKM, PSK, AIR, EKN
	LEVII-RONZZ	HNN, HVQ, AIR, EKN, PSK, BKW, FLM, GVE
	RONZZ-HHOLZ	GVE, HVQ, AIR, EKN, BKW, CSN, PSK, HNN
	HHOLZ-HAMME	GVE, ESL, CSN, EKN, BKW, FAK, LDN, HVQ, AIR
	HAMME-CAPOE	EMI, ESL, CSN, FAK, LDN, GVE, RIC, AML, BKW, EKN
Q82	CAPOE-OTTTO	LDN, EMI, GVE, ESL, RIC, CSN, AML
	WWSHR-DORET	AIR, APE, CRL, CXR DJB, DKK, DXO, EWC JHW, SLT
	DORET-JAMESTOWN	BUF, CXR, DJB, DKK ETG, EWC, JHW, PSB, SLT
	JAMESTOWN-WAYLA	BUF, CXR, DKK, ETG, EWC JHW, PSB, SLT, SYR
	WAYLA-VIEEW	BUF, DKK, ETG, HNK JHW, PSB, SLT, SYR
	VIEEW-MEMMS	BUF, ETG, HNK, JHW SAX, SLT, SYR
	MEMMS-LOXXE	HNK, HUO, SAX, SLT, SYR
Q84	LOXXE-PONCT	HNK, HUO, SAX, SLT, SYR
	JAMESTOWN-AUDIL	BUF, DKK, ETG, EWC, HNK, JHW, MSS, PSB, SAX, SLT, SYR
	AUDIL-PUPPY	BUF, HNK, MSS, SAX, SYR
	PUPPY-PAYGE	HNK, MSS, PUT, SAX, SYR
Q86	PAYGE-CAMBRIDGE	HNK, MSS, PUT, SAX, SYR
	TTRUE-YORRK	BLD, BLH, EED, IPL, PKE
	YORRK-SCHLS	BLD, DRK, EED, PGS, PKE
	SCHLS-CUTRO	BLD, DRK, EED, PGS, TBC
	CUTRO-VALEQ	DRK, INW, PGS, TBC
	VALEQ-PLNDL	DRK, INW, PGS, TBC

Route	Segment	DME	
Q88	HAKMN-ZZYX	PGS, BLD, EED, LAS	
	ZZYX-LAKRR	PGS, BLD, EED, LAS, PKE	
	LAKRR-NOOTN	PGS, ILC, BCE, BLD, CDC, EED, LAS, PKE	
	NOOTN-GARDD	PGS, ILC, BCE, BLD, LAS, MLF, TBC	
	GARDD-VERKN	PGS, BCE, BLD, HVE, MLF, TBC	
	VERKN-PROMT	BCE, HVE, TBC	
Q90	PROMT-CHESZ	PUC, JNC, BCE, DVC, HVE, TBC	
	DNERO-ESGEE	BLD, EED, LAS, PGS, PKE	
	ESGEE-AREAF	BLD, BLH, DRK, LAS, PGS, PKE, EED	
Q94	AREAF-JASSE	FLG, BCE, BLD, DRK, INW, PGS, TBC	
	WELUM-MNGGO	PGS, DRK, BLD, EED, LAS, PKE	
Q96	MNGGO-ROOLL	PGS, DRK, BCE, FLG, LAS, TBC, PKE, BLD	
	PURSE-DODDL	BLD, EED, LAS	
	DODDL-BFUNE	BLD, EED, LAS, PGS, PKE	
	BFUNE-GUNTR	ILC, BLD, EED, LAS, PGS, PKE	
	GUNTR-PIIXR	ILC, BLD, CDC, LAS, PGS	
	PIIXR-FIZZL	ILC, BLD, CDC, LAS, MLF, PGS	
	FIZZL-BAWER	BCE, ILC, BLD, MLF, PGS	
	BAWER-ROCCY	BCE, ILC, DTA, HVE	
	ROCCY-SARAF	BCE, ILC, DTA, HVE, PUC	
	SARAF-KIMMR	BCE, HVE, JNC, MTU, PUC	
	Q98	HAKMN-ZZYX	PSG, BLD, EED, LAS
		ZZYX-LAKRR	PGS, BLD, EED, LAS, PKE
LAKRR-DUZIT		PGS, BCE, BLD, EED, LAS, PKE	
DUZIT-EEEZY		PGS, BCE, BLD, DRK, LAS, TBC, HVE	
Q103	EEEZY-PEEWE	DVC, PGS, BCE, DRK, HVE, TBC, BLD	
	PULASKI-ASBUR	GSO, GVE, HNN, HVO, PSK	
	ASBUR-OAKLE	BKW, HNN, HVO, PSK	
	OAKLE-PERRI	BKW, HNN, HVO, PSK	
	PERRI-PERKS	AIR, BKW, HNN, HVO, PSK	
	PERKS-RICCS	AIR, BKW, HNN, HVO	
	RICCS-EMNEM	AIR, APE, BKW, EWC, HNN, HVQ	
Q104	EMNEM-AIRRA	AIR, APE, CXR, DKK, ETG, EWC, HNN, JHW, PSB	
	DEFUN-HEVVN	PIE, PZD, CRG, SZW, TAY, JYU, CEW, MGM, OTK, CRG	
	HEVVN-PLYER	PIE, ORL, OMN, SRQ, TAY, LAL, CRG, SZW, PZD	
	PLYER-SWABE	PIE, ORL, OMN, SRQ, TAY	
Q106	SWABE-ST PETERSBURG	LAL, ORL, OMN, SRQ, PHK, PIE	
	ST PETERSBURG-CYPRESS	PHK, PBI, SRQ, PIE VRB, ORL, FLL, LAL, OMN	
	SME LZ-BULZI	LAL, ORL, OMN, PHK, PIE, CRG, VRB, TAY, OTK, PZD, AMG, SZW	
Q108	BULZI-DRABK	AMG, PZD, TAY, CRG, SZW, MGM, OTK, JYU, CEW, SJI	
	DRABK-GADAY	MGM, PZD, OTK, JYU, SZW, CEW, SJI	
	GADAY-HKUNA	CEW, JYU, MGM, SZW, RRS, PZD, MAI, OTK, GEF, MGR, TAY, AMG, GRG	
Q110	BLANS-BETIE	BNA, BWG, CNG, ENL, FAM, GHM, MWA, PXV	
	BETIE-BFOLO	BNA, BWG, DCU, GHM, GQO, JKS, MSL, RMG, ROZ, VUZ	
	BFOLO-JYROD	ATL, GAD, GQO, JYU, LGC, MGM, RMG, TDG, VUZ	
	JYROD-FEONA	ATL, CSG, EUF, JYU, LGC, MCN, MGM, OTK, PZD, RMG, SZW, TGE, VUZ	
	FEONA-GULFR	AMG, EUF, GEF, LGC, MCN, MGM, MGR, OTK, PZD, SZW, TAY	
	GULFR-BRUTS	AMG, CRG, CTY, GEF, OTK, PIE, PZD, SZW, TAY	
	BRUTS-KPASA	CRG, CTY, LAL, OCF, OMN, ORL, OTK, PIE, SRO, SZW, TAY, TRV	
Q112	KPASA-RVERO	DHP, FLL, LAL, LBV, OMN, ORL, PBI, PHK, PIE, SRO, TRV	
	RVERO-JAYMC	DHP, FLL, LAL, LBV, ORL, PBI, PHK, PIE, RSW, SRO, TRV	
	JAYMC-THNDR	DHP, FLL, LAL, LBV, ORL, PBI, PHK, RSW, SRO, TRV, VKZ, ZBV	
	INPIN-HEVVN	JYU, PZD, CEW, SZW, MGM, OTK, TAY, AMG, PIE, CRG	
	HEVVN-DEFUN	PIE, OTK, CRG, OMN, LAL, SZW, SRQ, ORL, VRB	

Route	Segment	DME
Q114	NATEE–BOULDER CITY BOULDER CITY–ZAINY ZAINY–AHOVW AHOVW–BAWER BAWER–BUGGG	PGS, BLD, EED, LAS PGS, ILC, BLD, EED, LAS PGS, ILC, BLD, CDC, LAS, MLF PGS, ILC, BCE, DTA, HVE, MLF, TBC ILC, BCE, DTA, DVC, HVE, JNC, MTJ, MTU, PUC, TBC
Q116	KPASA–BRUTS BRUTS–GULFR GULFR–CEEYA	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK MCN, AMG, PZD, OTK, SZW, TAY
Q118	MARION–HEVAN HEVAN–VOSTK VOSTK–HELUB HELUB–JEDER JEDER–GLAZR GLAZR–KAILL KAILL–JOHNN JOHNN–BRUTS BRUTS–KPASA	BVT, CVG, FLA, FWA, GIJ, GSH, IJU, MZZ, OKK, OXI, RID, ROD, SHB, TTH, VHP BWG, CVG, FLM, FWA, HYK, IJU, OKK, RID, ROD, TTH BWG, CVG, FLM, HYK, IJU, LOZ, VXV BWG, CVG, FLM, HYK, IJU, LOZ, LVT, VXV BNA, BWG, FLM, GQO, HCH, HYK, IJU, LOZ, LVT, VXV BNA, BWG, GQO, HCH, HRS, LGC, LVT, MCN, ODF, PDK, RMG, VXV AMG, ATL, GQO, LGC, MCN, MGR, ODF, OTK, PDK, PZD, RMG, SZW, TAY, VNA AMG, CRG, CTY, GEF, MCN, MGR, OMN, OTK, PIE, PZD, SZW, TAY CRG, CTY, LAL, OCF, OMN, ORL, OTK, PIE, SRQ, SZW, TAY, TRV
Q120	ORRCA–BETBE BETBE–ZORUN ZORUN–GALLI GALLI–JAJAY JAJAY–TRAKY TRAKY–PROXI PROXI–BIG PINEY BIG PINEY–JUGIV JUGIV–HIKOX HIKOX–JASTI JASTI–UFFDA	CZQ, ECA, ENI, FMG, HZN, LIN, LLC, MOD, MVA, OAK, PYE, RBL, SAC, SDO FMG, HNZ, MVA, SDO BAM, FMG, HZN, MVA, SDO BAM, FMG, LLC, MVA, REO BAM, BQU, BVL, ELY, LCU, LLC, MLD, MVA, TWF BVL, ELY, IDA, LCU, MLD, PIH, TCH BOY, BPI, BVL, DBS, IDA, LCU, MLD, OCS, PIH, TCH BOY, BPI, CZI, DDY, OCS BOY, BPI, CZI, DDY, OCS ABR, ANW, BOY, CKW, CZI, DDY, DPR, GCC, ONL, PHP, RAP, TST ABR, ANW, BRD, DPR, FSD, GEP, ONL, PHP, RAP, RWF LCU, DBS, PIH, MLD, TCH, IDA, BVL, BAM
Q121	PARZZ–POCATELLO POCATELLO–TOUGH	GCC, MLS, DIK, BIL, CZI, BOY, DBS, BPI, IDA, DNW, PIH, JAC, MLD, TCH, LCU LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA
Q122	MOGEE–MACUS MACUS–MCORD MCORD–LUCIN LUCIN–BEARR BEARR–KURSE KURSE–ONEILL ONEILL–FORT DODGE	LLC, BAM, FMG, MVA, SDO, HZN BVL, TCH, PIH, LCU, ELY, MLD, TWF, SDO, BAM, MVA, BQU, FMG, LLC PIH, TCH, BVL, MLD, FFU, LCU, IDA PIH, TCH, BVL, LCU, MLD, OCS, BPI, CKW, MTU, BOY, CHE, RLG, CYS, BFF, CZI, DDY, GLL BFF, CYS, CDR, SNY, AIA, HCT, ONL, TDD, OBH, CUZ, FSD YKN, OBH, ONL, OFK, FSD, SUX, FOD, OVR, SPW, MCW, DSM
Q123	PARZZ–COKEE	BIL, MLS, GGW, LWT, HLN, HIA, BZN, DBS, IDA, LKT, PIH, MLD, LCU, BOI, BAM, BVL
Q124	MOGEE–MACUS MACUS–MCORD MCORD–SLOWN SLOWN–FASTE FASTE–BONNEVILLE BONNEVILLE–WAATS	LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA, BAM FMG, LLC, BAM, MVA, HZN, SDO BQU, SDO, BAM, MVA, FMG, LLC, HZN BQU, SDO, BAM, BVL, TWF, LCU, ELY, FFU, DTA TCH, FFU, LCU, DTA, BVL, ELY TCH, OGD, LCU, DTA, BVL, FFU
Q125	PARZZ–WLLES	GTf, LWT, CTB, HLN, BZN, DLN, HIA, IDA, LKT, DBS, PIH, MLD, LCU, BVL, BOI, BAM
Q126	TIPRE–INSLO INSLO–GAROT GAROT–MEEKER	MOD, PYE, ECA, ENI, SAC, LIN, CZQ, OAK, FMG, HZN, MVA, LLC, TPH, OAL CDC, DTA, BVL, FFU, MLF, ILC, ELY, BQU, MVA, OAL, TPH, HZN, LLC BVL, DTA, FFU, TCH, HVE, PUC, MTU, VEL, EKR, JNC, RIL

Route	Segment	DME
Q128	SYRAH-JSICA	CZQ, ECA, LIN, LLC, MOD, MVA, OAK, OAL, PYE, SAC, TPH.
	JSICA-TABLL	MVA, OAL, TPH, ILC, CDC, DTA, ELY, MLF, BCE, HVE, PIC, JNC, DVC, MTJ, MTU
	TABLL-EDLES	BCE, CDC, DTA, DVC, FFU, HVE, ILC, JNC, MLF, MTJ, MTU, PUC.
	EDLES-FLOOD	JNC, PUC, HVE, MTU, DVC, HBU, MTJ, RSK, EKR, ETL, ALS, RLG, FQF, HGO, PUB, BJC, LAA
	FLOOD-ZAROS	AKO, BJC, DEN, FCS, FQF, DVV, GCK, GLD, HGO, LAA, LBL, PUB.
	ZAROS-VEGUC	EOS, GCK, GLD, HLC, ICT, IFI, LAA, LBL, MMB, OKM, PER, PUB, TUL
	VEGUC-VLUST	EOS, ICT, OKM, PER, RZC, SGF, TUL.
	VLUST-ECIGE	ARG, EOS, LIT, OKM, RZC, SGF, SQS, TUL.
	ECIGE-MUDHO	ARG, LIT, MEM, SQS.
	MUDHO-JILLS	ARG, JYU, MEI, MEM, MGM, MHZ, SQS, VUZ.
Q130	SYRAH-JSICA	CZQ, ENI, FMG, LIN, MOD, MVA, OAK, OAL, PYE, SAC, TPH
	JSICA-REANA	BLD, CDC, DTA, ELY, ILC, MLF, MVA, OAL, TPH
	REANA-ROCCY	BCE, CDC, DTA, MLF, HVE, TBC, PUC, ILC
	ROCCY-HASSL	BCE, DTA, DVC, HVE, PUC, TBC
	HASSL-TAHIB	BCE, DVC, GUP, HVE, RSK, TBC
	TAHIB-DIXAN	ABQ, ACH, ALS, DVC, FTI, GUP, RSK
	DIXAN-MIRME	ABQ, ACH, CIM, FTI, TCC, TXO
	MIRME-PANHANDLE	ACH, CIM, LBL, PNH, TCC, TXO
Q132	WEBGO-ANAHO	LLC, HZN, FMG, SAC, SWR, LIN
	ANAHO-MYBAD	LLC, HZN, FMG, SDO
	MYBAD-ZERAM	LLC, BAM, REO, MVA, SDO
	ZERAM-MAGPY	LLC, SDO, BAM, REO, MVA, FMG
Q134	DUGLE-TATOO	MOD, SAC, CZQ, ECA, LIN, OAL, MVA, TPH, LLC
	TATOO-JULIK	MVA, OAL, TPH, ILC, DTA, BVL, CDC, ELY, MLF, BCE, HCE
	JULIK-HERSH	BCE, MLF, DTA, HVE, CDC, TCH, PUC, MTU
	HERSH-VOAXA	HVE, PUC, MTU, JNC, MTJ, EKR, RIL, DBL, RLG, FQF
Q136	COALDALE-RUMPS	TPH, MVA, OAL
	RUMPS-KATTS	TPH, MVA, OAL, HZN, ILC
	KATTS-WEEMN	TPH, MVA, CDC, DTA, ILC, ELY, MLF, BVL, BCE, FFU, HVE, MTU, PUC, JNC, DVC, MTJ
	WEEMN-VOAXA	HVE, PUC, MTU, MTJ, JNC, EKR, RIL, DBL, RLG, FQF
Q138	WILLIAMS-FIMUV	ENI, RBL, MXW, PYE, ECA, ILA, LIN, SAC, FMG, SWR, HZN
	FIMUV-JENSA	FMG, RBL, HZN, LIN, SAC, LLC
	JENSA-PUHGI	HZN, BAM, FMG, MVA, SDO, LLC
	PUHGI-ROOHZ	REO, LLC, BAM, SDO, BQU
	ROOHZ-PARZZ	PIH, BVL, LCU, BAM, BQU, REO, SDO, LLC
	PARZZ-UROCO	BOY, MLD, IDA, DBS, BPI, PIH, BVL, TCH, LCU, BAM
	UROCO-RICCO	CZI, DDY, BOY, RLY, COD, BPI, DA, DBS, MLD
	RICCO-MOTLY	DIK, GCC, RAP, DPR, CZI, DDY, BOY, SHR
	MOTLY-DKOTA	ABR, DIK, DPR, FAR, FSD, GCC, RAP, RWF
	DKOTA-WELOK	ABR, BRD, DLH, FAR, GEP, FSD, RWF
	WELOK-CESNA	BRD, DLH, FAR, FGT, GEP, ODI, RWF
	CESNA-GUUME	BRD, DLH, FGT, GEP, ODI
	GUUME-SNARG	BRD, DLH, DLL, FGT, GEP, ODI
	SNARG-SAULT STE MARIE	ASP, BRD, DLH, DLL, FGT, GEP, GRB, ODI, SAW, SSM, TVC

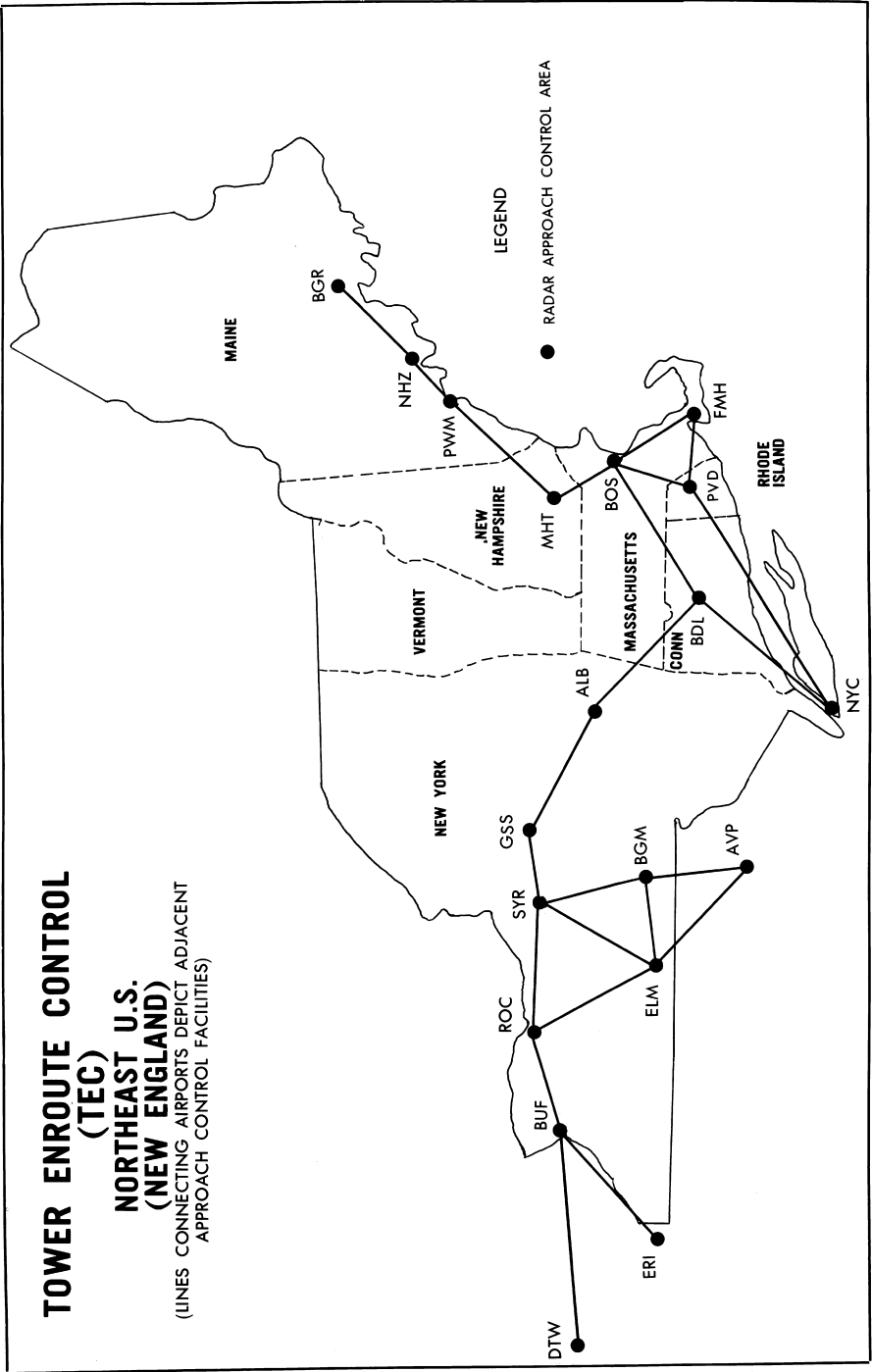
Route	Segment	DME
Q140	WOBED-GETNG	HUH, SEA, OLM, EPH, MWH
	GETNG-CORDU	GEG, EPH, PUW, MWH
	CORDU-PETIY	MLP, GEG, PUW, MSO
	PETIY-CHOTE	CTB, MSO, MLN, GTF
	CHOTE-LEWIT	GTF, CTB, LWT, BZN
	LEWIT-SAYOR	LWT, GGW, MLS, BIL
	SAYOR-WILTN	DIK, BIS, MOT, ISN
	WILTN-TTAIL	DVL, JMS, GFK, PKD
	TTAIL-CESNA	BRD, AXN, PKD, GEP, FGT, DLH
	CESNA-WISCN	BAE, BRD, DLH, DLL, FGT, GEP, GRB, ODI
	WISCN-EEGEE	ODI, DLL BAE, GRB, SAW
	EEGEE-DAYYY	ASP, BAE, DLL, DXO, FNT, GRB, VIO, ODI, PMM, SAW, SSM, TVC
	DAYYY-US CANADIAN BORDER	ASP, DXO, FNT, SSM, TVC
	AHPAH-HANKK	BUF, DKK, ETG, HNK, JHW, SLT, SYR
	HANKK-BEEPS	BUF, DKK, HNK, SLT, SYR
	BEEPS-EXTOL	BUF, HNK, SLT, SYR
	Q142	EXTOL-MEMMS	BUF, HNK, SLT, SYR
MEMMS-KODEY		HNK, HUO, SAX, SLT, SYR
KODEY-ARKKK		HNK, HUO, SAX, SLT, SYR
ARKKK-RODYY		HNK, HUO, JFK, SAX, SLT, SYR
RODYY-YODAA		HNK, HTO, HUO, JFK, RBV, SAX
METOW-MULLAN PASS		EPH, GEG, MWH, SEA, PUW, MQG, MLP
MULLAN PASS-KEETA		FCA, LKT, CTB, PUW, MQG, MLP
KEETA-OKVUJ		CTB, HLN, GTF, BZN, LWT, HIA, DLN
OKVUJ-KIXCO		BIL, MLS, GGW, DIK
Q144		ZIRAN-ZOOMR	OLM, PSC, PDT, GEG, EPH, SEA, MWH
	ZOOMR-BLOWS	PUW, MQG, MLP, FCA
	BLOWS-KEETA	FCA, CTB, HLN, CPN, LKT
Q145	KEETA-LEWIT	HLN, GTF, CTB, HVR, LWT, BZN
	KONGO-CHARLESTON	BKW, FLM, HNN, HVQ, PSK
	CHARLESTON-CLNTN	AIR, APE, BKW, EWC, FLM, HNN, HVQ
Q146	CLNTN-FOXEE	AIR, APE, CXR, DJB, DKK, EWC, HNN, HVQ, JHW
	CASHS-BLUNT	GEG, MWH, EPH, LTJ, SEA, OLM
	BLUNT-DIPHU	MLP, FCA, PUW
Q148	DIPHU-CUSDA	DLN, HLN, HIA
	CUSDA-ZERZO	BZN, HLN, GFT, HIA
	ZERZO-KIXCO	BIL, MLS, GGW, LWT, ISN
	KIXCO-TIMMR	ISN, DIK, DPR, ABR, MOT
	TIMMR-SMERF	FAR, JMS, GFK, HON, RWF, ATY
	SMERF-HUFFR	RWF, ATY, HON, FAR, BRD, AXN, GEP, FCM
	STEVS-ZAXUL	ELN, EPH, OLM, SEA, LTJ
	ZAXUL-FINUT	EPH, MWH, PDT, GEG, MLP, DNJ
	FINUT-WEDAK	MLP, DNJ, LKT, MWH, EPH, PDT, GEG, BZN, DLN, HIA
	WEDAK-WAIDE	BZN, DLN, HIA, DBS, PIH, LKT
Q149	WAIDE-JUGIV	DBS, PIH, BPI, BOY, BIL, DNW, BZN, DLN, JDA, OCS, CZI, CKW, DDY
	JUGIV-MEDICINE BOW	OCS, CKW, DDY, CZI, BOY, BPI, CYS, BFF, DVV, GLL
	MEDICINE BOW-MOCTU	CYS, BFF, DVV, CKW, GLL, DDY, BJC, FQF, BVR, SNY, DEN, AKO
	MOCTU-LEWOY	GLL, SNY, BFF, DVV, DEN, AKO, FQF, CYS, HGO, GLD, HCT, MCK, BVR
	LEWOY-CUGGA	AKO, BVR, HGO, GLD, HCT, MCK, LAA, SNY, GLL, FQF, BFF, DVV, BJC, DEN, CYS, HCT, HLC, GCK
	CUGGA-PENUT	HLC, GCK, LBL, GLD, HCT, MCK, LAA, SLN
	PENUT-KIRKE	SLN, LBL, MMB, GCK, GLD, MCK, HLC, PER, ICT
	KIRKE-MORRR	ICT, SNL, GCK, PER, HLC, IFI, TUL, OKM
	MORRR-BARTLESVILLE	IFI, IRW, PER, TUL, OKM, EOS, SLN, ICT, BUM

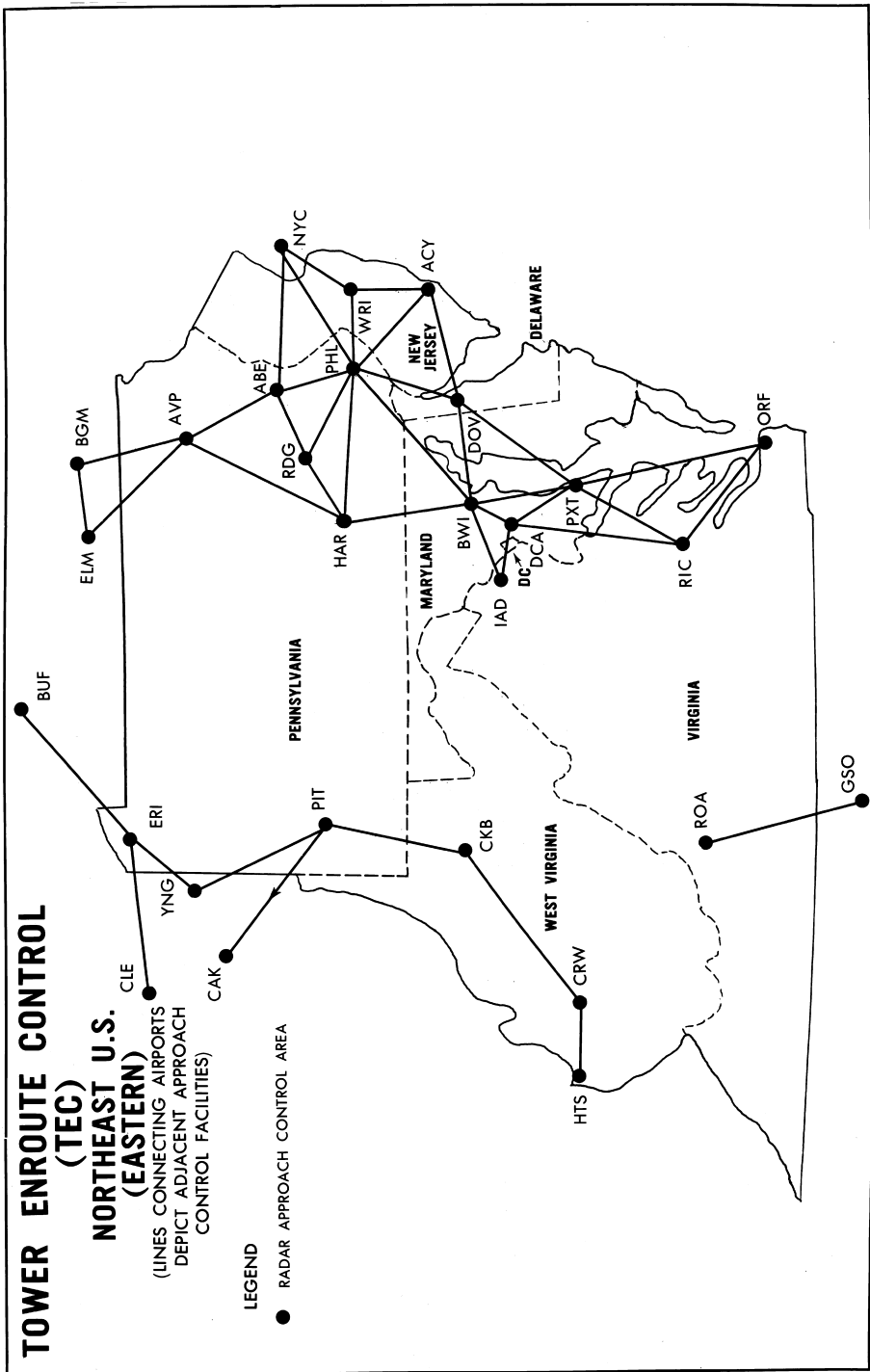
Route	Segment	DME
Q150	STEV5-ZAXUL	ELN, EPH, OLM, SEA, LTJ
	ZAXUL-LEZLE	EPH, PDT, GEG, MWH, BKE
	LEZLE-BAXGO	DNJ, MLP, BKE, LKT
	BAXGO-LAMON	DLN, IDA, HIA, PIH, BZN, DBS, LKT
Q152	LAMON-GANNE	BZN, BPI, DNW, BOY, OCS
	GANNE-OPPEE	DDY, CKW, CZI, CYS, CHE, GLL, MBW, RLG
	SUNED-LEZLE	EPH, MWH, PDT, PSC, YKM, GEG, BKE
	LEZLE-WEDAK	DNJ, MLP, LKT
Q154	WEDAK-IKFOM	BZN, HIA, DBS, IDA, HLN, GTF, BIL, BOY, LWT
	IKFOM-WUVUT	BIL, BOY, MLS, RLY, DDY
	WUVUT-O'NEILL	RAP, DPR, BFF, ONL, ANW, TDD
	WANTA-JELTI	SEA, OLM, LTJ, BTG, PDT, YKM, MWH, EPH, IMB, DSD
Q156	JELTI-HOVEL	DNJ, BKE
	HOVEL-VELUY	REO, BOI
	VELUY-BURLEY	DBS, IDA, PIH
	BURLEY-PIMIE	IDA, PIH, DBS, LCU, MLD
	PIMIE-NAGNE	TCH, BVF, FFU
	NAGNE-BONGO	FBR, OCS
	BONGO-PITMN	EKR, JNC, CHE, RLG
	PITMN-TAYLR	MTJ, DBL, HBU
	TAYLR-GOSIP	PUB, ALS, DEN, DVV, FQF, HGO
	GOSIP-KENTO	LAO, CIM, GCK
	KENTO-NOSEW	TCC, PNH, TXO, GCK, LBL, MMB
	NOSEW-BOWIE	IFI, SPS, PNH, TXO, ABI, MQP, FUZ, TTT, ADM
Q158	STEV5-ZAXUL	SEA, YKM, MWH, LTJ, ELN, PDT, GEG
	ZAXUL-FINUT	SEA, LTJ, EPH, PDT, GEG, OLM, MWH, MLP
	FINUT-TUFFY	GEG, MLP, FCA, GTF, HLN, BZN
	TUFFY-UPUGE	HLN, MLP, FCA, GTF, DLN, BZN
	UPUGE-HEXOL	HLN, MLP, FCA, GTF, DLN, BZN
	HEXOL-TOUGH	HLN, BIL, GTF, LWT, BZN, GGW
	TOUGH-JELRO	DIK, RAP, GCC
	JELRO-KEKPE	DIK, RAP, DPR, PIR
	KEKPE-UFFDA	DPR, PIR, HON, FAR, FSD
	UFFDA-HSTIN	FOD, FSD, FGT, GEP, RWF, FRM
	HSTIN-ZZIPR	ALO, FGT, GEP, MCW, CID, RST, FRM
	Q160	NTELL-PPARK	AVE, CZO, ECA, EHF, LIN, MOD, SAC.
PPARK-TRTIS		AVE, BTY, CZO, EHF, HEC, MOD, OAL, PMD.
TRTIS-BIKKR		BTY, OAL, PMD
BIKKR-MYCAL		BLD, BTY, HEC, OAL, PMD
Q162	MYCAL-JEDNA	BLD, BTY, EED, LAS, OAL, PGS, PMD.
	SHVVR-FAANG	AVE, CZQ, ECA, EHF, LIN, MOD, SAC
	FAANG-RIVVO	AVE, BTY, CZQ, EHF, MOD, OAL, PMD
	RIVVO-BIKKR	BTY, OAL, PMD
Q164	NTELL-CABAB	AVE, CZO, ECA, EHF, LIN, MOD, MVA, SAC
	CABAB-VIKSN	AVE, BTY, CZO, ECA, EHF, LIN, MOD, MVA, OAL
	VIKSN-KENNO	AVE, BLD, BTY, ILC, MOD, MVA, OAL
	KENNO-ESSAA	BLD, BTY, ILC, MVA, OAL, PMD
Q166	ESSAA-TUMBE	BLD, BTY, ILC, MVA, OAL, PMD
	TUMBE-MYCAL	BLD, BTY, HEC, ILC, LAS, MVA, OAL, PMD
	NTELL-CABAB	AVE, CZQ, EHF, LIN, MOD, MVA, OAL, SAC
	CABAB-KICHI	AVE, BTY, CZQ, EHF, ILC, LIN, MOD, MVA, OAL, TPH
Q168	KICHI-KATTS	ILC, LAS, MVA, OAL, TPH
	KATTS-KITTN	BLD, CDC, DTA, ILC, LAS, MVA, OAL, TPH, TQQ
	KITTN-ROCCY	BCE, BLD, CDC, DTA, ELY, HVE, ILC, MLF, MVA, PUC, TBC
	ROCCY-UHILL	BTY, OAL, PMD, TPH
Q170	UHILL-BIKKR	BTY, OAL, PMD, TPH

Route	Segment	DME
Q168	FNNDA-SHIVA	BLD, BLH, EED, PGS, PKE, IPL, LAS
	SHIVA-KRINA	BLD, BLH, DRK, EED, LAS, PGS, PKE
	KRINA-JASSE	FLG, BLD, DRK, INW, LAS, PGS, TBC
Q406	BROADWAY-DBABE	JFK, SAX, FJC, RBV, ARD, SBJ, STW, SIE, HTO, BWZ, CYN, HNK
	DBABE-BASYE	CMK, HTO, BDR, CYN, LGA
	BASYE-TRIBS	RBV, HTO, BDR, CYN, PWL, CMK, JFK, HNK
	TRIBS-BIGGO	SAX, HTO, BAF, BDR, PUT, IGN, CTR, HFD
	BIGGO-BARNES	HUO, HTO, IGN, BAF, HFD, CTR, BOS
Q436	EMMMA-DIXSN	DXO, PMM, CRL, FNT, LAN
	DIXSN-BOOTT	CRL, ECK, GRR, FNT, SVM
	BOOTT-RRONS	PSI, ECK, CRL, CXR, DXO
	RRONS-YARRK	OJB, DKK, ECK, CXR, DXO
	YARRK-CHAAP	DJB, DKK, BUF, ERI, CXR
	CHAAP-RAAKK	DKK, SLT, BUF, ETG, JHW
	RAAKK-HERBA	DKK, ETG, BFD, PSB, JHW
	HERBA-REXXY	OKK, EGT, SLT, PSB, ELZ
	REXXY-REBBL	BUF, ETG, FQM, HNK, PSB
	REBBL-MTCAF	CFB, ULW, FQM, SAX, HUO
	MTCAF-DGRAF	CFB, SYR, SLT, HNK, HUO
	DGRAF-YYOST	JFK, SAX, LVZ, HNK, HUO
	YYOST-LAAYK	JFK, SLW, LVZ, HNK, HUO
Q438	LAAYK-COATE	BWZ, RBV, LVZ, HNK, HUO
	RUBY-BERYS	ASP, CRL, DXO, FNT, GRR, PMM
	BERYS-TWIGS	CRL, FNT, CXR, DXO, DJB
	TWIGS-JAAJA	DKK, ECK, CXR, JHW, DJB
	JAAJA-ICHOL	DKK, BUF, CXR, JHW
	ICHOL-FARGN	DKK, BUF, CXR, JHW, SLT
Q440	FARGN-RAAKK	DKK, BUF, ETG, JHW, SLT
	HUFFR-IDIOM	BAE, BRD, DLL, FGT, GEP, GRB, ODI, RWF
	IDIOM-DEANI	BAAE, DLL, GRB, PMM, TVC
	DEANI-SLLAP	ASP, GRB, PMM, TVC
	SLLAP-BERYS	ASP, GRB, PMM, TVC
	BERYS-TWIGS	DXO, CRL, FNT, DJB, CXR
Q448	TWIGS-JAAJA	JHW, DKK, ECK, DJB, CXR
	JAAJA-ICHOL	JHW, DKK, CXR, BUF, SLT
	ICHOL-FARGN	JHW, DKK, CXR, BUF, SLT
	FARGN-RAAKK	JHW, DKK, ETG, BUF, SLT
	POTTSTOWN-LANNA	CYN, HUO, ETX, JFK, SIE, STW
	LANNA-DBABE	SIE, SBJ, BWZ, FJC, JFK, CYN, ARD, STW, HTO, SAX
Q480	DBABE-BASYE	CYN, LGA, BDR, CMK, HTO
	BASYE-TRIBS	CYN, RBV, BDR, PWL, HTO, HNK, CMK, JFK
	TRIBS-BIGGO	PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR
	BIGGO-BARNES	PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR
	ZANDR-BELLAIRE	APE, CXR, JPU, CTW, DJB, HLG, EWC, AIR, HNN
Q806	BELLAIRE-LEJOY	APE, AIR, EWC, HLG, CTW, AGC, MGW, IHD, JST, PSB
	LEJOY-VINSE	JST, PSB, EWC, GRV, IHD, REC, AIR, EMI, ETG, SLT, THS
	VINSE-BEETS	EMI, CSN, ETG, SLT, THS, HAR
	BEETS-HOTEE	EMI, CSN, HAR, SLT, THS, SIE, LRP, RAV, PSB, RBV
	HOTEE-MIKYG	EMI, PSB, RBV, RAV, LRP, PTW, HUO, SIE, HNK, SAX
	MIKYG-SPOTZ	FJC, SIE, CYN, LRP, SAX, JFK, PTW, ETX, EMI
	SPOTZ-CANDR	FJC, STW, CYN, ETX, LVZ, RBV, SBJ
	CANDR-JEFFFF	JFK, STW, BWZ, SAX, SBJ, HNK, CYN
	JEFFFF-KINGSTON	RBV, STW, CMK, HNK, SAX, JFK, HUO, IGN, RBV
	KINGSTON-LESWL	PUT, RBV, CMK, HNK, HUO, SAX, HTO, PVD
	LESWL-BARNES	BAF, SAX, JFK, HTO, PVD, HFD, HUO, BOS
	BARNES-KENNEBUNK	EEN, BOS, HFD, HTO, PUT, CTR, BAF, GDM, MHT, LWM, CON, LRV, ENE, PSM
	MILLINOCKET-VOGET	BGR, HUL, MLT, PQI

Route	Segment	DME	
Q812	TIMMR–WELOK	BUF, DKK, JHW, SLT	
	WELOK–CEWDA	BUF, DKK, JHW, SLT, SYR	
	CEWDA–ZOHAN	ASP, BAE, CRL, DLL, DXO, FNT, GRB, PMM, SAW, TVC	
	ZOHAN–U.S. CANADIAN BORDER	ASP, CRL, DKK, DXO, FNT, PMM, SSM, TVC	
	KELTI–AHPAH	BUF, DKK, JHW, SLT, SYR	
	AHPAH–GOATR	BUF, DKK, HNK, JHW, SLT, SYR	
	GOATR–FABEN	BUF, HNK, SLT, SYR	
	FABEN–LOXXE	BUF, ETG, HNK, HUO, SAX, SLT, SYR	
	LOXXE–ARKKK	BUF, ETG, HNK, HUO, SAX, SLT, SYR	
	ARKKK–STOMP	ETG, HNK, HUO, JFK, RBV, SAX, SLT, SYR	
	STOMP–MSLIN	HNK, HUO, JFK, RBV, SAX	
	MSLIN–GAYEL	CYN, HNK, HTO, HUO, JFK, RBV, SAX	
	Q816	HOCKE–US CANADIAN BORDER	ASP, CRL, DXO, FNT
		KELTI–AHPAH	BUF, DKK, JHW, SLT, SYR
AHPAH–GOATR		BUF, DKK, HNK, JHW, MSS, SLT, SYR	
GOATR–ARNII		BUF, HNK, HUO, MSS, PUT, SLT, SYR	
ARNII–HANAA		HNK, HUO, MSS, PUT, SYR	
Q818	FLINT–US CANADIAN BORDER	ASP, DXO, FNT, GRR, CRL	
	WOZEE–KELIE	BUF, DKK, ETG, JHW, SLT, SYR	
	KELIE–VIEEW	BUF, DKK, ETG, HNK, JHW, SLT, SYR	
	VIEEW–BINGHAMTON	BUF, ETG, HNK, HUO, JHW, SAX, SLT, SYR	
	BINGHAMTON–BUFFY	CYN, HNK, HUO, SAX, SLT, SYR.	
	BUFFY–STOMP	CYN, HNK, HUO, JFK, RBV, SAX, SYR	
	STOMP–MSLIN	CYN, HNK, HUO, JFK, RBV, SAX	
MSLIN–GAYEL	CYN, HNK, HTO, HUO, JFK, RBV, SAX		
Q822	FLINT–U.S. CANADIAN BORDER	ASP, CRL, DXO, FNT, GRR	
	HOZIR–GONZZ	BUF, DKK, ETG, HNK, HUO, JHW, MSS, SLT, SYR	
	GONZZ–PUPPY	BUF, HNK, HUO, MSS, SAX, SLT, SYR	
	PUPPY–PAYGE	HNK, HUO, MSS, PUT, SAX, SYR	
	PAYGE–CAMBRIDGE	BOS, HNK, HUO, MSS, PUT, SAX, SYR	
	CAMBRIDGE–KENNEBUNK	BGR, BOS, ENE, HUO, LFV, PUT, PVD, SAX	
	KENNEBUNK–AJJAY	BGR, BOS, ENE, LFV, MLT, PSM, PUT	
AJJAY–ALLEX	BGR, BOS, ENE, LFV, MLT, PNN		
Q824	FLINT–HOCKE	ASP, CRL, DXO, FNT, VIO	
	HOCKE–US CANADIAN BORDER	ASP, CRL, DXO, FNT	
Q842	All segments	GNSS required	
Q844	SYRACUSE–US CANADIAN BORDER	BUF, HNK, SYR, MSS	
Q848	SLLAP–HHIPP	ASP, CRL, DJB, DXO, GRR, PMM, TVC	
	HHIPP–KARIT	ASP, DJB, DXO, FNT	
	KARIT–MENKO	ASP, DJB, DXO, FNT	
Q905	HOCKE–SIKBO	ASP, BUF, CRL, CXR, DKK, DXO, FNT, JHW	
Q907	POSTS–PADDE	CRL, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, OXI, PMM	
	PADDE–SALEM	CRL, DJB, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, PMM	
	SALEM–US CANADIAN BORDER	CRL, CXR, DJB, DKK, DXO, ECK, FNT, VIO	
Q913	CABCI–TOPPS	BGR, ENE, HUL, LEB, ML T, MSS, PNN, PQI	
Q917	SAULT STE MARIE–U.S. CANADIAN BORDER	ASP, SAW, SSM	
	HOZIR–WOZEE	BUF, DKK, JHW, SLT	
Q923	HOCKE–KARIT	ASP, CRL, DXO, FNT	
	KARIT–DUTEL	ASP, CRL, DXO, FNT	

Route	Segment	DME
Q935	MONEE-HOCKE	ASP, CRL, DXO, FNT, GRR, PMM
	HOCKE-U.S. CANADIAN BORDER	ASP, CRL, DXO, FNT
	WOZEE-HANKK	BUF, DKK, HNK, JHW, SLT, SYR
	HANKK-JOSSY	BUF, DKK, HNK, JHW, SLT, SYR
	JOSSY-AUDIL	BUF, HNK, SAX, SLT, SYR
	AUDIL-FABEN	BUF, HNK, SAX, SLT, SYR
	FABEN-PONCT	HNK, HUO, JFK, SAX, SLT
	PONCT-GARDNER	BOS, ENE, HNK, HUO, JFK, LRV, PUT, PVD, SAX
	GARDNER-BOSTON	ACK, BOS, ENE, LRV, PUT, PVD
Q937	WAYGO-KRAZZ	BUF, HNK, MSS, SYR
Q947	REVEN-TOPPS	BGR, ENE, HUL, MLT, PQI
	TOPPS-CUZWA	BGR, HUL, MLT, PQI
	CUZWA-DUVOK	BGR, HUL, MLT, PQI
Q951	POSTS-PADDE	CRL, DXO, FNT, FWA, GIJ, GRR, GSH, OXI, PMM
	PADDE-SALEM	CRL, DJB, DXO, FNT, FWA, GIJ, GRR, GSH, PMM
	SALEM-U.S. CANADIAN BORDER	CRL, CXR, DJB, DKK, DXO, FNT
	DAVDA-SAVAL	ART, BTV, MSS, SLK, SYR
	SAVAL-DANOL	ART, BTV, MSS, SYR





(TEC)

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "tower enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to solicit tower enroute information from FSS's and to use the route descriptions provided in this directory when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. Additional routes and other changes will appear in forthcoming editions as necessary. The acronym "TEC" should be included in the remarks section of the flight plan. This will advise ATC that the pilot intends to remain within approach control airspace for the entire flight. The following items should be noted before using the graphics and route descriptions:

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show general geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains four columns of information: i.e., the approach control area (listed alphabetically) within which the departure airport is located (check appropriate flight information publications), the specific route (airway, radial, etc.), the highest altitude allowed for the route, and the destination airport (listed alphabetically). Be advised, many destination airports are associated with a larger primary airport. Check the legend preceding this listing for this association.
3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also, this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival Route (STAR) may be applied by ATC.
4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC.
5. Routes beginning or ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, the pilot may select which route is desired. Unless otherwise stated, all routes may be flown in either direction.
7. Routes are effective only during each respective terminal facility's normal operating hours. Pilots are cautioned to check NOTAMS to ensure appropriate terminal facilities will be operating for the planned flight time.
8. All identifiers used for NAVAIDS, airports, and intersections are official identifiers.
9. Altitudes are listed in thousands of feet. ATC may require altitude changes to maintain flight within approach control airspace. ATC will provide radar monitoring and, if necessary, course guidance if the highest altitude assigned by ATC is below the Minimum Enroute Altitude (MEA).
10. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in proximity to major airports via the same routing.
11. Flight plans should be filed with a Flight Service Station (FSS).

TOWER ENROUTE CONTROL CITY PAIRS

- (1) Single Engine only.
- (2) Props less than 210 KT IAS.
- (3) Props less than 250 KT IAS.
- (4) Jets and Props greater than 210 KT IAS.
- (5) Jets and Props greater than 250 KT IAS.

Boston—NO SATS = BED/LWM/BVY/FIT/6B6/2B2
 SO SATS = BOS/OWD/1B9/3B2
 Bradley = BDL/BAF/CEF/7B2
 Bradley/Hartford = HFD/MMK/IJD/4B8
 Bradley/Worcester = ORH/3B0/1B6
 Manchester = MHT/ASH/CON/LCI
 Manchester/Pease = PSM/DAW/3B4
 New York/Bridgeport = BDR/HVN/OXC/3B9
 Philadelphia = NO SATS = OQN/MQS/LOM/DYL/PNE/CKZ/PTW/UKT/TTN
 SO SATS = ILG/EVY
 Portland = PWM/WI/NHZ/RKD
 Portland/Augusta = AUG/LEW/WVL/IZG/81B
 Providence = PVD/EWB/TAN/SFZ/UUU/LZD
 Providence/Groton = GON/WST/BID/0B8

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Albany	..... ALB GDM V431 LOBBY	10000	Bedford
	..... V14 V428 V29	6000	Binghamton
	..... ALB GDM V431 REVER	10000	Boston
	..... Direct	10000	Bradley
	..... ALB V203 STELA	10000	Bradley
	..... ALB V44 DENNA	10000	Bridgeport
	..... V14	10000	Buffalo
	..... (3) ALB V123 HAARP	10000	Danbury
	..... (4) ALB V157 HAARP	10000	Danbury
	..... V14 V428	8000	Elmira
	..... V2	10000	Griffiss
	..... ALB V203 STELA GON	10000	Groton

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	Direct	10000	Hartford
	ALB CTR PVD V151 GAILS	10000	Hyannis
	V14 V428	8000	Ithaca
	ALB EEN MHT	10000	Manchester
	ALB CTR V405 PVD	10000	Marthas Vineyard
	ALB CTR PVD PVD167 NEWBE DEEPO	10000	Nantucket
	ALB GDM V431 LOBBY	10000	Norwood
	ALB CAM CON	10000	Portland
	ALB CON	10000	Portsmouth
	ALB CTR PVD	10000	Providence
	ALB CTR PVD V151 GAILS	10000	Provincetown
	V2	10000	Rochester
	V14 BEEPS	10000	Rochester
	ALB V123 TRESA	10000	Stewart
	ALB V203 STELA	10000	Worcester
Allentown	FJC LAAYK	7000	Albany
	FJC ARD CYN	5000	Atlantic City
	ETX V39 LRP V499 BAL	8000	Baltimore
	FJC V162 HUU IGN PWL PWL111 BRISS	5000	Bradley/Hartford
	(2) ETX V30 SBJ	5000	Farmingdale
	ETX V162 HAR	8000	Harrisburg
	ETX V39 LRP	4000	Lancaster
	FJC BWZ	6000	Newark
	FJC ARD	5000	North Philadelphia
	ETX V29 PTW (piston only)	4000	Philadelphia
	BUSKY PTW (turbojet only RNAV equipped)	7000	Philadelphia
	BUSKY PTW (turboprop only RNAV equipped)	5000	Philadelphia
	FJC V6 SEG	8000	Pittsburgh
	ETX	4000	Reading
	ETX V164 FQM	8000	Rochester
	FJC STW	5000	Teterboro
	(2) FJC V162 HUU IGN V157 HAARP	5000	Westchester Co
	(4) STW SAX V39 BREZY	5000	Westchester Co
	ETX V39 LRP V499 BAL	8000	Washington (DCA)
	ETX LRP V143 MULRR AML	8000	Washington (IAD)
	FJC LVZ	7000	Wilkes-Barre
	ETX V29 PTW	4000	Wilmington
Atlantic City	V229 DIXIE V276 ARD	5000	Allentown
	V1 DIXIE V276 ARD (Single Engine only)	5000	Allentown
	V1 ATR V308 OTT	4000	Andrews AFB
	LEEAH V268 BAL	4000	Baltimore
	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bangor
	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bar Harbor
	V1 JFK V229 HFD HFD053 DREEM (Single Engine only)	5000	Boston (North)
	V1 JFK V229 HFD V3 WOONS (Single Engine only)	5000	Boston
	V1 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	5000	Boston
	V1 JFK V229 BDR	5000	Bradley
	V184 ZIGGI JFK 210 JFK V229 BDR (Twins only, n/a between 1400-2100)	5000	Bridgeport
	HOWIE V1 JFK V229 BDR (Single engine only)	5000	Bridgeport
	V184 OOD DQO V469 HAR	4000	Capital City
	LEEAH V268 ENO	4000	Dover
	LEEAH V268 BAL V214 MRB (Non jet only)	4000	Dulles
	LEEAH V229 PXT V16 V286 CSN (Jets only)	4000	Dulles
	V268 ENO V29 AVP V147	4000	Elmira
	V1 JFK BDR MAD MAD126 MONDI (Single Engine only)	5000	Groton
	V184 OOD DQO V469	4000	Harrisburg
	V1 JFK V229 (Single engine only)	5000	Hartford
	V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Hyannis
	V1 JFK CCC (Single Engine only)	5000	Islip

TOWER ENROUTE CONTROL

**Approach Control Area
(Including Satellites)**

Route	Highest Altitude	Destination
..... V184 ZIGGI JFK210 JFK CCC (No Single Engine; n/a btn 1400-2100 local)	5000	Islip
..... V1 JFK (Single Engine only)	5000	Kennedy
..... V184 ZIGGI JFK210 JFK (Jets/multiengine Props only; no OTFC)	5000	Kennedy
..... V1 DIXIE V276 RBV V123 NANCI (Single Engine only)	5000	LaGuardia
..... V229 DIXIE V276 RBV V123 NANCI (No Single Engine)	5000	LaGuardia
..... V229 DIXIE V276 RBV V123 NANCI (Jets only)	7000	LaGuardia
..... V184 OOD DQO DQO319 LRP144 LRP	4000	Lancaster
..... HOWIE V1 CYN	5000	McGuire AFB
..... VCN V16 CYN	7000	McGuire AFB
..... V229 PANZE (Helicopters only)	3000	McGuire AFB
..... SIE V44 PANZE	5000	McGuire AFB
..... SIE V139 HARBO	5000	McGuire AFB
..... V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Manchester
..... V1 JFK V229 BDR MAD (Single Engine only)	5000	Meriden Markham
..... V1 JFK V229 BDR MAD V475 V188 GON V374 (Single engine only)	5000	Martha's Vineyard
..... V1 JFK V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine only)	5000	Nantucket
..... V229 DIXIE V276 RBV RBV005 OWBIE (Non-jets only)	5000	Newark
..... V229 DIXIE V276 RBV V249 METRO	5000	Newark
..... V229 DIXIE V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
..... V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	New Bedford
..... V229 DIXIE V276 ARD	5000	North Philadelphia
..... ACY V184 OOD	4000	Philadelphia
..... V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Portland
..... V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Providence
..... V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Provincetown
..... V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Quonset
..... V184 OOD DQO MXE MXE334 HUMEL	4000	Reading
..... V1 SBY	6000	Salisbury
..... SIE V139	4000	Snow Hill
..... V1 ATR	6000	Snow Hill
..... V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	Taunton Muni
..... V229 PANZE V184 ZIGGI V276 RBV V249 METRO (Turbojet only)	4000	Teterboro
..... LEEAH V1 ATR V308 BILIT CAPKO (Props only)	4000	Washington
..... V229 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine Props only)	5000	Westchester Co
..... V1 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine props only)	5000	Westchester Co
..... V1 JFK V229 HFD V1 GRAYM (Single Engine only)	5000	Worcester
..... V93 LRP V39 ETX	7000	Allentown
..... V268 LEEAH V229	7000	Atlantic City
..... V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bangor
..... V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bar Harbor
..... V93 LRP V499	7000	Binghamton
..... V268 ENO V16 JFK V229 HFD HFD053 DREEM (Single engine only)	7000	Boston (North)
..... V268 ENO V16 JFK V229 HFD V3 WOONS (Single Engine only)	7000	Boston
..... V268 ENO V16 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	7000	Boston
..... V268 ENO V16 JFK V229 BDR	7000	Bradley
..... V268 ENO V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport

Baltimore

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	V31 HAR	7000	Capital City
	V268 ENO	7000	Dover AFB
	V44 MRB	6000	Dulles
	V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI (Single Engine only)	7000	Groton
	EMI EMI321 HGR089 HGR	6000	Hagerstown
	V31 HAR	7000	Harrisburg
	V268 ENO V16 JFK	7000	Islip
	V268 ENO V16 JFK (Single Engine)	7000	Kennedy
	V214 DQO V479 RUUTH V123 NANCI	7000	LaGuardia
	V499 LRP	5000	Lancaster
	V214 DQO OOD V312 CYN GXU	5000	McGuire
	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Manchester
	V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374 MUY (Single Engine only)	7000	Martha's Vineyard
	V214 MRB	8000	Martinsburg
	V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine only)	7000	Nantucket
	BAL V378 MXE ARD V214 METRO (-180 kts only)	5000	Newark
SO SATS	V214 DQO	7000	New Castle
	V93 PXT V16 V33 V286 STEIN	6000	Norfolk
	V419 MXE (Non turbojets only)	5000	N. Philadelphia
	V378 MXE (Non turbojets only)	5000	N. Philadelphia
NO SATS	V214 DQO (Turbojets only)	11000	N. Philadelphia
	V93 PXT	6000	Patuxent River
	V214 ODESA OOD (Non turbojets only)	7000	Philadelphia
	V214 DQO (Turbojets only)	9000	Philadelphia
	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Portland
	V93 PXT V16	6000	Richmond
	BAL BAL133 SBY332 SBY	7000	Salisbury
	V268 ENO V16 JFK CCC (Single Engine)	7000	Suffolk
	BAL V378 MXE V3 SBJ TEB (-180 kts only)	7000	Teterboro
	DIRECT	4000	Washington
	V93 LRP V39 V162 FJC STW SAX V39 BREZY	7000	Westchester Co
	V93 LRP ETX FJC BWZ SAX V39 BREZY	7000	Westchester Co
	V93 LVZ	7000	Wilkes Barre
Bangor	ENE LWM	10000	Bedford
	(3) ENE PSM PSM221 STEVO LWM	10000	Boston
	(4) ENE V167 SCUPP	10000	Boston
	ENE V106 GDM V229 WITNY	10000	Bradley
	CLOWW WITNY (RNAV only)	10000	Bradley
	ENE V106 GDM V229 HFD	10000	Bridgeport
	CLOWW WITNY HFD (RNAV only)	10000	Bridgeport
	AUG V39 CON	10000	Concord
	(3) AUG V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	(3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	Danbury
	AUG V39 GDM V14 ORW GON	10000	Groton
	AUG V39 GDM V229 HFD	10000	Hartford
	CLOWW WITNY HFD (RNAV only)	10000	Hartford
	ENE V139 TONNI	10000	Hyannis
	ENE V106 GDM V229 HFD V1 BELT	10000	Islip
	ENE V106 GDM V229 HFD V1 DPK	10000	Kennedy
	ENE MHT	10000	Manchester
	ENE V139 TONNI	10000	Marthas Vineyard
	ENE V139 TONNI	10000	Nantucket
	(3) CLOWW WITNY HFD V3 CMK V623 SAX (RNAV only)	10000	Newark & SATS
	ENE V106 GDM V3 CMK V188 SAX	10000	Newark & SATS
	(1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (RNAV only)	10000	Newark & SATS
	(1) ENE V106 GDM V229 SEALL V188 SAX	10000	Newark & SATS
	ENE LWM	10000	Norwood

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... ENE V139 BURDY	10000	Providence
	..... ENE V139 TONNI	10000	Provincetown
	..... AUG V39 CON V93 STUBY V205 TRESA	10000	Stewart
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	White Plains
Binghamton	..... ENE V106 GDM V229 SPENO	10000	Worcester
	..... V29 LVZ V613	8000	Allentown
	..... V252 GEE V14	8000	Buffalo
	..... V270	8000	Elmira
	..... V423	8000	Ithaca
	..... V29 LVZ V613 FJC ARD	8000	N. Philadelphia
	..... V29 PTW	8000	Philadelphia
	..... V423 ITH	8000	Rochester
	..... V29	8000	Syracuse
	..... V29 LVZ V226 MUGZY	8000	Teterboro
	..... V29	8000	Wilkes-Barre
Boston	..... GLYDE V270 CTR	10000	Albany
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 JFK V229 ACY	10000	Atlantic City
	..... BOSOX V1 MAD BEADS V308 BRIGS	10000	Atlantic City
SO SATS	..... (1) V268 HTO CCC V16 V229	10000	Atlantic City
SO SATS	..... V268 BRIGS	10000	Atlantic City
	..... PSM ENE	10000	Augusta
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 ENO V268 BAL	10000	Baltimore
SO SATS	..... (1) V268 HTO CCC V16 V44 V268	10000	Baltimore
	..... BOSOX V1 MAD BEADS V268	10000	Baltimore
SO SATS	..... V268	10000	Baltimore
	..... PSM ENE BGR	10000	Bangor
	..... PSM ENE	10000	Bar Harbor
	..... BOSOX V1 GRAYM	10000	Bradley
NO SATS	..... BOSOX V1 HFD	10000	Bridgeport
SO SATS	..... V268 SEY V34 CREAM	10000	Bridgeport
	..... GLYDE V270 CTR V146 V14	10000	Buffalo
	..... MHT V141	10000	Burlington
	..... MHT CON	10000	Concord
	..... (3) BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (5) GLYDE BAF IGN V157 HAARP	10000	Danbury
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 ENO	10000	Dover AFB
SO SATS	..... (1) V268 HTO CCC V16 ENO	10000	Dover AFB
	..... BOSOX V1 MAD BEADS V268 ENO	10000	Dover AFB
SO SATS	..... V268 ENO	10000	Dover AFB
	..... GLYDE V270	10000	Elmira
	..... GLYDE V270	10000	Erie
	..... PVD	10000	Groton
NO SATS	..... BOSOX V1 HFD	10000	Hartford
	..... DUNKK V141 GAILS	10000	Hyannis
	..... BOSOX V1 BELTT	10000	Islip
SO SATS	..... V268 HTO V46 CCC	10000	Islip
	..... MHT	10000	Keene
	..... BOSOX V1 DPK	10000	Kennedy
SO SATS	..... V268 HTO V46 DPK	10000	Kennedy
	..... (3) BOSOX V1 MAD V475	10000	LaGuardia
	..... MHT	10000	Lebanon
	..... MHT	10000	Manchester
	..... MVY359035 MVY	10000	Martha's Vineyard
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 CYN	10000	McGuire AFB
SO SATS	..... (1) V268 HTO CCC V16 CYN	10000	McGuire AFB
	..... BOSOX V1 MAD BEADS V308 DRIFT V312 CYN	10000	McGuire AFB
SO SATS	..... V268 DRIFT V312 CYN	10000	McGuire AFB
	..... DRUNK V141	10000	Nantucket
	..... (1) BOSOX V1 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... (3) BOSOX V1 HFD V3 CMK V623 SAX	10000	Newark & SATS
NO SATS	..... BOSOX V1 HFD	10000	New Haven
SO SATS	..... V268 SEY V34 CREAM	10000	New Haven
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
SO SATS	..... (1) V268 HTO CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... BOSOX V1 MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
SO SATS	..... V268 MANTA V276 ARD	10000	N.E. Philadelphia
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 VCN OOD	10000	Philadelphia
SO SATS	..... (1) V268 HTO CCC V16 VCN OOD	10000	Philadelphia
	..... BOSOX V1 MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
SO SATS	..... V268 BRIGS ACY V184 OOD	10000	Philadelphia
	..... PSM ENE	10000	Portland
	..... Direct	10000	Portsmouth
	..... Direct	10000	Providence
	..... Direct	10000	Provincetown
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 RIC	10000	Richmond
SO SATS	..... (1) V268 HTO CCC V16	10000	Richmond
	..... BOSOX V1 MAD BEADS V268 ENO V16	10000	Richmond
SO SATS	..... V268 ENO	10000	Richmond
	..... GLYDE V270 CTR V146 ALB V2	10000	Rochester
	..... (GNSS equipped only) BOSOX NELLIE T212 TRESA	10000	Stewart
	..... MHT V490 UCA	10000	Syracuse
NO SATS	..... BOSOX V1 GRAYM V14 ORW V16 DIXIE V276 RBV	10000	Trenton
SO SATS	..... (1) V268 HTO CCC V16 DIXIE V276 RBV	10000	Trenton
	..... BOSOX V1 MAD BEADS V308 MANTA V276 ARD	10000	Trenton
SO SATS	..... V268 MANTA V276 RBV	10000	Trenton
	..... (3) BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
NO SATS	..... BOSOX V1 BELTT	10000	Westhampton Bch
NO SATS	..... V268 HTO	10000	Westhampton Bch
	..... Direct	10000	Worcester
Boston ARTCC/Keene	..... GDM V431 LOBBY	10000	Bedford
	..... V431 REVER	10000	Boston
	..... Direct	10000	Bradley
	..... GDM V229 HFD	10000	Bridgeport
	..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... GDM V14 ORW GON	10000	Groton
	..... GDM V229 HFD	10000	Hartford
	..... GDM V151 GAILS	10000	Hyannis
	..... GDM V151 PVD V405 MVY	10000	Marthas Vineyard
	..... GDM V151 PVD PVD167 NEWBE DEEPO	10000	Nantucket
	..... GDM V431 LOBBY	10000	Norwood
	..... GDM V151 PVD	10000	Providence
	..... GDM V151 GAILS	10000	Provincetown
	..... (GNSS equipped only) CTR V93 STUBY T212 TRESA	10000	Stewart
	..... GDM V229 SPENO	10000	Worcester
Boston ARTCC/Lebanon	..... LEB LEB167 BASUU (BED/FIT/6B6) or V141 CON LWM (BVY/LWM/2B2)	10000	Bedford
	..... V141 CON CON135 TOMIE LWM	10000	Boston
	..... EEN	10000	Bradley
	..... V151 GDM V229 HFD	10000	Bridgeport
	..... V151 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... V151 GDM V14 ORW GON	10000	Groton
	..... V151 GDM V229 HFD	10000	Hartford
	..... V141 CON LWM BOS GAILS	10000	Hyannis
	..... V141 CON LWM BOS	10000	Marthas Vineyard
	..... V141 CON LWM BOS LFW	10000	Nantucket
	..... LEB LEB167 BASUU	10000	Norwood
	..... V151 PVD	10000	Providence
	..... V141 CON LWM BOS	10000	Provincetown
	..... V151 GDM V229 SPENO	10000	Worcester
Bradley	..... DIRECT	10000	Albany
	..... PWL HUU V162	5000	Allentown
	..... GON CCC JFK V229 ACY	10000	Atlantic City
	..... MAD BEADS V308 BRIGS	10000	Atlantic City
	..... EEN V93 CON	10000	Augusta
	..... GON CCC ENO V268	10000	Baltimore
 MAD BEADS V268	10000	Baltimore
 EEN V93 CON V39 AUG	10000	Bangor

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... EEN V93 ENE	10000	Bar Harbor
..... GRAYM HFD053 DREEM	10000	Bedford & NO SATS
..... PUT PUT 105 WOONS	10000	Boston & SO SATS
..... HFD	10000	Bridgeport
..... ALB V14	10000	Buffalo
..... EEN V93 CON	10000	Concord
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) VEERS IGN V157 HAARP	10000	Danbury
..... GON CCC V16 ENO	10000	Dover AFB
..... MAD BEADS V268 ENO	10000	Dover AFB
..... CTR V270	10000	Elmira
..... CTR V270	10000	Erie
..... HFD GON	10000	Groton
..... PVD V151 GAILS	10000	Hyannis
..... MAD V1 BELTT	10000	Islip
..... DIRECT	10000	Keene
..... MAD V1 DPK	10000	Kennedy
..... (3) HFD V1 MAD V475	10000	LaGuardia
..... EEN V151	10000	Lebanon
..... EEN	10000	Manchester
..... PVD V405 MVY	10000	Marthas Vineyard
..... GON CCC V16 CYN	10000	McGuire AFB
..... MAD BEADS V308 DRIFT V312 CYN	10000	McGuire AFB
..... PVD PVD167 NEWBE DEEPO	10000	Nantucket
..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) HFD V3 CMK V623 SAX	10000	Newark & SATS
..... GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... PUT PUT105 WOONS	10000	Norwood
..... CON CCC V16 VCN OOD	10000	Philadelphia
..... MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... EEN	10000	Portland
..... (3) VAPER V39 GDM V106 RAYMY	10000	Portsmouth
..... (5) EEN	10000	Portsmouth
..... DIRECT	10000	Providence
..... PVD V151 GAILS	10000	Provincetown
..... GON CCC MAD JAFFY V16	10000	Richmond
..... MAD BEADS V268 ENO V16	10000	Richmond
..... ALB	10000	Rochester
..... (GNSS equipped only) VEERS T212 TRESA	10000	Stewart
..... ALB	10000	Syracuse
..... GON CCC MAD JAFFY V16 DIXIE V276 ARD	10000	Trenton
..... MAD BEADS V308 MANTA V276 ARD	10000	Trenton
..... HFD V1 BELTT	10000	Westhampton Beach
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... PWL V34 WEETS LVZ	6000	Wilkes-Barre
..... DIRECT	10000	Albany
..... PWL HUO V162	5000	Allentown
..... GON CCC V16 JFK V229 ACY	10000	Atlantic City
..... MAD BEADS V308 BRIGS	10000	Atlantic City
..... HFD V229 GDM V39 CON	10000	Augusta
..... HFD CLOWW (/E, /F, /G only)	10000	Augusta
..... GON CCC V16 ENO V268 BAL	10000	Baltimore
..... MAD BEADS V268	10000	Baltimore
..... HFD V229 GDM V39 AUG	10000	Bangor
..... HFD CLOWW (/E, /F, /G only)	10000	Bangor
..... HFD V229 GDM V106 ENE	10000	Bar Harbor
..... HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
..... HFD HFD053 DREEM	10000	Bedford & NO SATS
..... HFD V3 WOONS	10000	Boston & SO SATS
..... DIRECT	10000	Bridgeport
..... ALB V14	10000	Buffalo
..... HFD V229 GDM V39 CON	10000	Concord
..... HFD CLOWW (/E, /F, /G only)	10000	Concord
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) NELIE VEERS IGN V157 HAARP	10000	Danbury

Bradley/Hartford

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... GON CCC V16 ENO	10000	Dover AFB
..... MAD BEADS V268 ENO	10000	Dover AFB
..... CTR V270	10000	Elmira
..... CTR V270	10000	Erie
..... HFD GON	10000	Groton
..... HFD V167 PVD V151 GAILS	10000	Hyannis
..... MAD V1 BELTT	10000	Islip
..... HFD V229 GDM	10000	Keene
..... MAD V1 DPK	10000	Kennedy
..... (3) HFD V1 MAD V475	10000	LaGuardia
..... HFD V229 GDM V151	10000	Lebanon
..... HFD V229 GDM V106 MHT	10000	Manchester
..... HFD CLOWWW (/E, /F, /G only)	10000	Manchester
..... GON V374 MYY	10000	Marthas Vineyard
..... GON CCC V16 CYN	10000	McGuire AFB
..... MAD BEADS V308 DRIFT V312 CYN	10000	McGuire AFB
..... GON V58 NEWBE DEEPO	10000	Nantucket
..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) HFD V3 CMK V623 SAX	10000	Newark & SATS
..... GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... PUT PUT105 WOONS	10000	Norwood
..... GON CCC V16 VCN OOD	10000	Philadelphia
..... MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... HFD V229 GDM V106 ENE	10000	Portland
..... HFD CLOWWW (/E, /F, /G only)	10000	Portland
..... HFD V229 GDM V106 RAYMY	10000	Portsmouth
..... HFD CLOWWW (/E, /F, /G only)	10000	Portsmouth
..... HFD V167 PVD	10000	Providence
..... PVD V151 GAILS	10000	Provincetown
..... GON CCC V16 RIC	10000	Richmond
..... MAD BEADS V268 ENO V16	10000	Richmond
..... ALB	10000	Rochester
..... (GNSS equipped only) VEERS T212 TRESA	10000	Stewart
..... ALB	10000	Syracuse
..... GON CCC V16 DIXIE V276 RBV	10000	Trenton
..... MAD BEADS V308 MANTA V276 ARD	10000	Trenton
..... V1 BELTT	10000	Westhampton Beach
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... PWL V34 WEETS LVZ	6000	Wilkes-Barre
..... CTR	10000	Albany
..... PWL HUU V162	5000	Allentown
..... ORW V16 JFK V229 ACY	10000	Atlantic City
..... MAD BEADS V308 BRIGS	10000	Atlantic City
..... GDM V93 CON	10000	Augusta
..... ORW V16 ENO V268 BAL	10000	Baltimore
..... MAD BEADS V268	10000	Baltimore
..... GDM V39 AUG	10000	Bangor
..... GDM V106 ENE	10000	Bar Harbor
..... DREEM	10000	Bedford & NO SATS
..... PUT PUT105 WOONS	10000	Boston & SO SATS
..... HFD	10000	Bridgeport
..... CTR ALB V14	10000	Buffalo
..... GDM	10000	Concord
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) BAF IGN V157 HAARP	10000	Danbury
..... ORW V16 ENO	10000	Dover AFB
..... MAD BEADS V268 ENO	10000	Dover AFB
..... CTR V270	10000	Elmira
..... CTR V270	10000	Erie
..... ORW GON	10000	Groton
..... PUT V151 GAILS	10000	Hyannis
..... MAD V1 BELTT	10000	Islip
..... GDM	10000	Keene
..... MAD V1 DPK	10000	Kennedy
..... (3) HFD V1 MAD V475	10000	LaGuardia

Bradley/Worcester

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... GDM V151	10000	Lebanon
	..... GDM V106 MHT	10000	Manchester
	..... PUT V151 PVD V405 MZY	10000	Marthas Vineyard
	..... GON CCC V16 CYN	10000	McGuire AFB
	..... MAD BEADS V308 DRIFT V312 CYN	10000	McGuire AFB
	..... PUT V151 PVD V276 NEWBE DEEPO	10000	Nantucket
	..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... HDF V3 CMK V623 SAX	10000	Newark & SATS
	..... ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	..... MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
	..... PUT PUT105 WOONS	10000	Norwood
	..... ORW V16 VCN OOD	10000	Philadelphia
	..... MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
	..... GDM V106 ENE	10000	Portland
	..... GDM V106 RAYMY	10000	Portsmouth
	..... PUT PVD	10000	Providence
	..... PUT V151 GAILS	10000	Provincetown
	..... ORW V16 RIC	10000	Richmond
	..... MAD BEADS V268 ENO V16	10000	Richmond
	..... CTR ALB	10000	Rochester
	..... (GNSS equipped only) VEERS T212 TRESA	10000	Stewart
	..... CTR ALB	10000	Syracuse
	..... ORW V16 DIXIE V276 RBV	10000	Trenton
	..... MAD BEADS V308 MANTA V276 ARD	10000	Trenton
	..... ORW HTO	10000	Westhampton Beach
	..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	..... PWL V34 WEETS LVZ	6000	Wilkes-Barre
Bridgeport (See New York/Bridgeport)			
Buffalo	..... V2	10000	Detroit
	..... V14	10000	Erie
	..... V115	10000	Jamestown
Burlington	..... CAM	10000	Albany
	..... V141 LEB LEB167 BASUU	10000	Bedford
	..... V141 CON LWM	10000	Beverly
	..... (3) V141 CON TOMIE LWM	10000	Boston
	..... EEN	10000	Bradley
	..... ALB V44 DENNA	10000	Bridgeport
	..... (3) ALB V123 HAARP	10000	Danbury
	..... (4) ALB V157 HAARP	10000	Danbury
	..... V229 GDM V14 ORW GON	10000	Groton
	..... V229 HFD	10000	Hartford
	..... V141 CON LWM BOS GAILS	10000	Hyannis
	..... V141 CON LWM BOS	10000	Marthas Vineyard
	..... V141 CON LWM BOS LFW	10000	Nantucket
	..... V229 SPENO	10000	Norwich
	..... V141 LEB LEB167 BASUU	10000	Norwood
	..... V229 GDM V151 PVD	10000	Providence
	..... V141 CON LWM BOS	10000	Provincetown
	..... ALB V123 TRESA	10000	Stewart
Cape/Hyannis	..... PVD V146	10000	Albany
	..... MZY MZY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
	..... (1) MINNK V374 GON CCC V16 JFK V229	10000	Atlantic City
	..... FREDO BOS PSM ENE	10000	Augusta
	..... MZY MZY230 V34 SEY HTO V268	10000	Baltimore
	..... (1) MINNK V374 GON CCC V16 ENO V268	10000	Baltimore
	..... FREDO BOS PSM ENE BGR	10000	Bangor
	..... FREDO BOS PSM ENE	10000	Bar Harbor
	..... FREDO	10000	Bedford
	..... FREDO	10000	Boston & Sats
	..... PVD	10000	Bradley
	..... (water) MZY MZY230 V34 SEY HTO HTO302 KEYED	10000	Bridgeport
	..... (land) MINNK V374 CREAM	10000	Bridgeport
	..... PVD V146 ALB V14	10000	Buffalo
	..... PVD V151 GDM V229	10000	Burlington
	..... FREDO BOS MHT CON	10000	Concord

TOWER ENROUTE CONTROL

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (3) PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) PVD V146 BAF V157 HAARP	10000	Danbury
..... MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB
..... (1) MINNK V374 GON CCC V16 ENO	10000	Dover AFB
..... PVD V146 CTR V270	10000	Elmira
..... PVD V146 CTR V270	10000	Erie
..... (5) MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Farmingdale
..... MINNK V374 GON CCC V46 DPK	10000	Farmingdale
..... Direct	10000	Groton
..... PVD HFD	10000	Hartford
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
..... (1) MINNK V374 GON CCC	10000	Islip
..... PVD V151 GDM	10000	Keene
..... MVY MVY230 V34 SEY HTO V46 DPK	10000	Kennedy
..... MINNK V374 GON CCC V46 DPK	10000	Kennedy
..... PVD V167 HFD VI MAD V475	10000	LaGuardia
..... PVD V151	10000	Lebanon
..... FREDO BOS	10000	Manchester
..... MVY MVY230 V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
..... (1) MINNK V374 GON CCC V16 CYN	10000	McGuire AFB
..... (1) PVD V167 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
..... MVY MVY230 V34 SEY V268 HTO V46 CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... (1) MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... FREDO	10000	Norwood
..... MVY MVY230 V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... (1) MINNK V374 GON CCC V16 VCN OOD	10000	Philadelphia
..... FREDO BOS PSM ENE	10000	Portland
..... FREDO BOS	10000	Portsmouth
..... Direct	10000	Providence
..... MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
..... (1) MINNK V374 GON CCC V16	10000	Richmond
..... PVD V146 ALB	10000	Rochester
..... (GNSS equipped only) PVD T255 NELIE T212 TRESA	10000	Stewart
..... PVD V146 ALB	10000	Syracuse
..... MVY MVY230 V34 SEY HTO V308 MANTA V276 RBV	10000	Trenton
..... (1) MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
..... (1) MINNK V374 GON CCC	10000	Westhampton Beach
..... PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... PVD PUT	10000	Worcester
..... PVD V146	10000	Albany
..... MVY MVY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
..... (1) V374 GON CCC V16 JFK V229	10000	Atlantic City
..... MVY MVY230 V34 SEY HTO V268	10000	Baltimore
..... (1) V374 GON CCC V16 ENO V268	10000	Baltimore
..... FREDO BOS PSM ENE	10000	Bar Harbor
..... FREDO	10000	Boston & SATS
..... PVD	10000	Bradley
..... MVY MVY230 V34 SEY HTO HTO302 KEYED (water)	10000	Bridgeport
..... (land) V374 CREAM	10000	Bridgeport
..... PVD V146 ALB V14	10000	Buffalo
..... PVD V151 GDM V229	10000	Burlington
..... FREDO BOS MHT CON	10000	Concord
..... (3) PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... SEY V34 CREAM BDR BDR288 RYMES	10000	Danbury
..... (5) MVY V146 BAF IGN V157 HAARP	10000	Danbury
..... (1) MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB

Cape/Martha's
Vineyard

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (1) V374 GON CCC V16 ENO	10000	Dover AFB
..... PVD V146 CTR V270	10000	Elmira
..... PVD V146 CTR V270	10000	Erie
..... MVY MVY230 V34 SEY HTO V46 DPK	10000	Farmingdale
..... V374 GON CCC V46 DPK	10000	Farmingdale
..... Direct	10000	Groton
..... MVY MVY230 V58 HFD	10000	Hartford
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
..... (1) V374 GON CCC	10000	Islip
..... PVD V151 GDM	10000	Keene
..... MVY MVY230 V34 SEY HTO V46 DPK	10000	Kennedy
..... V374 GON CCC V46 DPK	10000	Kennedy
..... PVD V167 HFD V1 MAD V475	10000	LaGuardia
..... PVD V151	10000	Lebanon
..... FREDO BOS MHT	10000	Manchester
..... MVY MVY230 V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
..... (1) V374 GON CCC V16 CYN	10000	McGuire AFB
..... (1) PVD V167 HFD V229 V188 CMK V623 SAX	10000	Newark & SATS
..... (3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
..... MVY MVY230 V34 SEY HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... (1) V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... FREDO	10000	Norwood
..... MVY MVY230 V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... (1) V374 GON CCC V16 VCN OOD	10000	Philadelphia
..... FREDO BOS PSM ENE	10000	Portland
..... FREDO BOS PSM	10000	Portsmouth
..... Direct	10000	Providence
..... MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
..... (1) V374 GON CCC V16	10000	Richmond
..... PVD V146 ALB	10000	Rochester
..... (GNSS equipped only) PVD T255 NELIE T212 TRESA	10000	Stewart
..... PVD V146 ALB	10000	Syracuse
..... MVY MVY230 V34 SEY HTO V308 MANTA V267 RBV	10000	Trenton
..... (1) V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
..... MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
..... (1) V374 GON CCC	10000	Westhampton Beach
..... (Land) PVD V167 HFD V1 MAD V475 BDR RYMES	10000	White Plains
..... (Water) SEY V34 CREAM BDR BDR288 RYMES	10000	White Plains
..... PVD PUT	10000	Worcester
..... ACK 146	10000	Albany
..... ACK V34 SEY HTO V308 BRIGGS	10000	Atlantic City
..... (1) ACK V146 MVY V374 GON CCC JFK V229	10000	Atlantic City
..... ACK FREDO BOS PSM ENE	10000	Augusta
..... ACK V34 SEY HTO V268	10000	Baltimore
..... (1) ACK V146 MVY V374 GON CCC V16 ENO V268	10000	Baltimore
..... ACK FREDO BOS PSM ENE BGR	10000	Bangor
..... ACK FREDO BOS PSM ENE	10000	Bar Harbor
..... ACK FREDO	10000	Bedford
..... ACK FREDO	10000	Boston & SATS
..... ACK V146 PVD	10000	Bradley
..... ACK V34 SEY HTO HTO302 KEYED (water)	10000	Bridgeport
..... (land) ACK V146 MVY V374 CREAM	10000	Bridgeport
..... ACK V146 ALB V14	10000	Buffalo
..... ACK V146 PVD V151 GDM V229	10000	Burlington
..... ACK FREDO BOS MHT CON	10000	Concord
..... (3) ACK V146 PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... MYY SEY V34 CREAM BDR BDR288 RYMES	10000	Danbury
..... (5) ACK V146 BAF IGN V157 HAARP	10000	Danbury
..... ACK V34 SEY HTO V268 ENO	10000	Dover AFB

Cape/Nantucket

TOWER ENROUTE CONTROL

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	(1) ACK V146 MZY V374 GON CCC V16 ENO	10000	Dover AFB
	ACK V146 CTR V270	10000	Elmira
	ACK V146 CTR V270	10000	Erie
	(5) ACK V34 SEY V268 HTO V46 DPK	10000	Farmingdale
	ACK V146 MZY V374 GON CCC V46 DPK	10000	Farmingdale
	ACK	10000	Groton
	ACK V58 HFD	10000	Hartford
	(5) ACK V34 SEY V268 HTO V46 CCC	10000	Islip
	(1) ACK V146 MZY V374 GON CCC	10000	Islip
	ACK V146 PVD V151 GDM	10000	Keene
	(5) ACK V34 SEY V268 HTO V46 DPK	10000	Kennedy
	ACK V146 MZY V374 GON CCC V46 DPK	10000	Kennedy
	ACK V146 PVD V167 HFD V1 MAD V475	10000	La Guardia
	ACK V146 PVD V151	10000	Lebanon
	ACK FREDO BOS MHT	10000	Manchester
	ACK V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	(1) ACK V146 MZY V374 GON CCC V16 CYN	10000	McGuire AFB
	(1) ACK V146 PVD V167 HFD V229 V188 CMK V623 SAX	10000	Newark & SATS
	(3) ACK V146 PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	ACK V34 SEY HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	(1) ACK V146 MZY V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	ACK FREDO	10000	Norwood
	ACK V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	(1) ACK V146 MZY V374 GON CCC V16 VCN OOD	10000	Philadelphia
	ACK FREDO BOS PSM ENE	10000	Portland
	ACK FREDO BOS PSM	10000	Portsmouth
	ACK V146 PVD	10000	Providence
	ACK V34 SEY HTO V308 CHOPS	10000	Richmond
	(1) ACK V146 MZY V374 GON CCC V16	10000	Richmond
	(GNSS equipped only) ACK V146 PVD T255 NELIE T212 TRESA	10000	Stewart
	ACK V146 ALB	10000	Syracuse
	ACK V34 SEY HTO V308 MANTA V276 RBV	10000	Trenton
	(1) ACK V146 MZY V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
	(5) ACK V34 SEY V268 HTO	10000	Westhampton Beach
	(1) ACK V146 MZY V374 GON CCC	10000	Westhampton Beach
	(Land) ACK V146 PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	(Water) ACK MZY SEY V34 CREAM BDR BDR288 RYMES	10000	White Plains
	ACK V146 PUT	10000	Worcester
Charleston	V35	9000	Clarksburg
	V4	9000	Elkins
	HVQ HVQ268 KIRRRK	10000	Huntington
Dover AFB	ENO V268 LEEAH	7000	Atlantic City
	ENO V268 SWANN	6000	Baltimore
	V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport
	ENO V16 HEDGE	3000	Easton
	V16 JFK V229 (Single Engine only)	7000	Hartford
	ENO V16 CYN	7000	McGuire AFB
	ENO V29 SBY V1	6000	Norfolk
	ENO V16	6000	Patuxent River
	ENO V29 PXT063 PXT	4000	Patuxent River
	ENO V29 DQO	5000	Philadelphia
	ENO V29	6000	Salisbury
	ENO V16 CHOPS V308 BILIT CAPKO OTT	6000	Washington
	ENO V29 DQO	5000	Wilmington
Dulles	DIRECT	4000	Baltimore
	MRB V214 WOOLY EMI V419 MXE ARD V214 METRO (-180 kts)	7000	Newark
	MRB V214 WOOLY EMI V419 MXE V3 SBJ TEB METRO (-180 kts only)	7000	Teterboro
	DIRECT	3000	Washington
Elmira	V428 V14	8000	Albany

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... V72	8000	Binghamton
	..... V147	8000	Rochester
	..... V31	8000	Rochester
	..... V35	8000	Syracuse
	..... V36 V29	8000	Wilkes-Barre
	..... V147	8000	Wilkes-Barre
Griffiss	..... UCA V490 GALWA	10,000	Albany
	..... UCA V2	10,000	Albany
	..... GGT V14	10,000	Albany
	..... UCA V428 V29	8000	Binghamton
	..... UCA V428	8000	Elmira
	..... UCA V496	10,000	Glens Falls
	..... UCA V2	10,000	Syracuse
Harrisburg	..... HAR V162 ETX	7000	Allentown
	..... LRP V39 ETX	7000	Allentown
	..... HAR V469 OOD V184	5000	Atlantic City
	..... LRP LRP144 PADRE DQO OOD V184	5000	Atlantic City
	..... LRP V499	6000	Baltimore
	..... HAR V31	8000	Baltimore
	..... LRP V499	7000	Binghamton
	..... LRP V39 ROBERT AML	8000	Dulles
	..... HAR V162 V39 ROBERT AML	8000	Dulles
	..... LRP V39 V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	..... HAR V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	..... HAR V162 FJC V6 V232 TYKES V123 NANCI (Props only)	7000	LaGuardia
	..... LRP V39 V162 FJC V6 V232 TYKES V123 NANCI (Props only)	7000	LaGuardia
	..... HAR V162 FJC BWZ (Props only)	7000	Newark
	..... LRP V39 V162 FJC BWZ (Jets only)	7000	Newark
	..... LRP V210 BUNTS	5000	North Philadelphia
	..... HAR V210 BUNTS	5000	Philadelphia
	..... LRP LRP082 HUMEL (RDG ILS)	3000	Reading
	..... HAR V12 BOYER	5000	Reading
	..... HAR V162 FJC STW	7000	Teterboro
	..... LRP V39 V162 FJC STW	7000	Teterboro
	..... HAR V265 KRANT	8000	Washington
	..... LRP V93 BAL	8000	Washington
	..... HAR V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	..... LRP V39 V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	..... LRP V93	7000	Wilkes-Barre
	..... HAR RAV HZL	7000	Wilkes-Barre
	..... LRP LRP144 PADRE DQO	5000	Wilmington
	..... V469	5000	Wilmington
Manchester	..... (GNSS equipped only) EEN T295 LAAYK	10000	Allentown
	..... GDM ORW V16 JFK V229 ACY	10000	Atlantic City
	..... GDM HFD MAD BEADS V308 BRIGS	10000	Atlantic City
	..... GDM ORW V16 JFK V16 ENO V268 SWANN	10000	Baltimore
	..... GDM HFD MAD BEADS HTO V268 SWANN	10000	Baltimore
	..... (GNSS equipped only) EEN T295 LRP V93 BAL	10000	Baltimore
	..... GDM ORW V16 JFK COL	10000	Belmar
	..... GDM HFD MAD BEADS V308 MANTA V276 DIXIE	10000	Belmar
	..... TOMIE LWM	10000	Boston
	..... GDM V229 WITNY	10000	Bradley
	..... CLOWW WITNY (RNAV only)	10000	Bradley
	..... GDM V229 HFD	10000	Bridgeport
	..... CLOWW WITNY HFD (RNAV only)	10000	Bridgeport
	..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	Danbury
	..... GDM ORW V16 ENO	10000	Dover AFB
	..... GDM HFD MAD BEADS V268 ENO	10000	Dover AFB
	..... EEN V93 CTR V270	10000	Elmira
	..... GDM HFD V1 DPK	10000	Farmingdale
	..... GDM V14 ORW GON	10000	Groton

TOWER ENROUTE CONTROL

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (GNSS equipped only) EEN T295 DUMMR V162 HAR	10000	Harrisburg
..... GDM V229 HFD	10000	Hartford
..... CLOWW WITNY HFD (RNAV only)	10000	Hartford
..... LWM BOS GAILS	10000	Hyannis
..... GDM HFD V1 BELTT	10000	Islip
..... GDM HFD V1 DPK	10000	Kennedy
..... (3) GDM V229 HFD V1 MAD V475	10000	LaGuardia
..... (GNSS equipped only) EEN T295 LRP	10000	Lancaster
..... BOS	10000	Marthas Vineyard
..... BOS LFW	10000	Nantucket
..... (1) GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) GDM V229 HFD V3 CMK V623 SAX	10000	Newark & SATS
..... CLOWW WITNY HFD V229 V188 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... CLOWW WITNY HFD V3 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... GDM V229 HFD	10000	New Haven
..... CLOWW WITNY HFD (RNAV only)	10000	New Haven
..... GDM ORW V16 JFK V1 ORF	10000	Norfolk
..... GDM HFD MAD BEADS V308 HTO V139	10000	Norfolk
..... GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... GDM HFD MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... GDM ORW V16 VCN OOD	10000	Philadelphia
..... GDM HFD MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... (GNSS equipped only) EEN T295 LAAYK T216 PSB GRACE	10000	Pittsburgh
..... EEN CTR	10000	Pittsfield
..... GDM V151 PVD	10000	Providence
..... BOS	10000	Provincetown
..... GDM ORW V16 RIC	10000	Richmond
..... GDM HFD MAD BEADS HTO V268 ENO V16	10000	Richmond
..... (GNSS equipped only) GDM V106 BAF VEERS T212 TRESA	10000	Stewart
..... CAM V490 UCA	10000	Syracuse
..... GDM ORW V16 DIXIE V276 RBV	10000	Trenton
..... GDM HFD MAD BEADS V308 MANTA V276 RBV	10000	Trenton
..... GDM V229 HFD V3 SORRY	10000	Waterbury–Oxford
..... CLOWW WITNY HFD (RNAV only)	10000	Waterbury–Oxford
..... GDM ORW V308 HTO	10000	Westhampton Beach
..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... (5) EEN V93 PWL IGN V157 HAARP	10000	White Plains
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	White Plains
..... GDM ORW V16 JFK V229 ACY PANZE V44 SIE	10000	Wildwood
..... GDM ORW V308 SIE	10000	Wildwood
..... (GNSS equipped only) EEN T295 LAAYK	10000	Wilkes–Barre
..... GDM V229 SPENO	10000	Worcester
..... (GNSS equipped only) EEN T295 LAAYK	10000	Allentown
..... (1) MHT V106 GDM HFD MAD JAFFY V16 JFK V229	10000	Atlantic City
..... MHT V106 GDM HFD MAD BEADS V308 BRIGS	10000	Atlantic City
..... (1) GDM HFD MAD JAFFY V16 JFK V16 ENO V268	10000	Baltimore
..... (GNSS equipped only) EEN T295 LRP V93 BAL	10000	Baltimore
..... MHT V106 GDM HFD MAD BEADS V268	10000	Baltimore
..... LWM	10000	Bedford
..... (1) MHT V106 GDM ORW V16 JFK COL	10000	Belmar
..... MHT V106 GDM ORW V308 MANTA V276 DIXIE	10000	Belmar
..... STEVO LWM	10000	Boston
..... MHT V106 GDM V229 WITNY	10000	Bradley
..... CLOWW WITNY (RNAV only)	10000	Bradley
..... MHT V106 GDM V229 HFD	10000	Bridgeport
..... CLOWW WITNY HFD (RNAV only)	10000	Bridgeport
..... (3) MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury

Manchester/Pease

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	Danbury
..... (1) MHT V106 GDM HFD MAD JAFFY V16 ENO	10000	Dover AFB
..... MHT V106 GDM HFD MAD BEADS V268 ENO	10000	Dover AFB
..... EEN V93 CTR V270	10000	Elmira
..... MHT V106 GDM HFD V1 DPK	10000	Farmingdale
..... MHT V106 GDM V14 ORW GON	10000	Groton
..... (GNSS equipped only) EEN T295 DUMMR V162 HAR	10000	Harrisburg
..... MHT V106 GDM V229 HFD	10000	Hartford
..... CLOWW WITNY HFD (RNAV only)	10000	Hartford
..... EXALT V139 TONNI	10000	Hyannis
..... MHT V106 GDM HFD V1 BELTT	10000	Islip
..... MHT V106 GDM HFD V1 DPK	10000	Kennedy
..... (3) MHT V106 GDM V229 HFD V1 MAD V475	10000	LaGuardia
..... (GNSS equipped only) EEN T295 LRP	10000	Lancaster
..... EXALT V139 TONNI	10000	Marthas Vineyard
..... EXALT V139 TONNI	10000	Nantucket
..... (1) MHT V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) MHT V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
..... (1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... (3) CLOWW WITNY HFD V3 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... MHT V106 GDM V229 HFD	10000	New Haven
..... CLOWW WITNY HFD (RNAV only)	10000	New Haven
..... (1) MHT V106 GDM HFD MAD JAFFY V16 JFK V1	10000	Norfolk
..... MHT V106 GDM HFD MAD BEADS V139	10000	Norfolk
..... LWM	10000	Norwood
..... (1) MHT V106 GDM HFD MAD JAFFY V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... MHT V106 GDM HFD MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... (1) MHT V106 GDM HFD MAD JAFFY V16 VCN OOD	10000	Philadelphia
..... MHT V106 GDM HFD MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... (GNSS equipped only) EEN T295 LAAYK T216 PSB GRACE	10000	Pittsburgh
..... EEN CTR	10000	Pittsfield
..... MHT V106 GDM V151 PVD	10000	Providence
..... EXALT V139 TONNI	10000	Provincetown
..... (1) MHT V106 GDM HFD MAD JAFFY V16	10000	Richmond
..... MHT V106 GDM HFD MAD BEADS V268 ENO V16	10000	Richmond
..... (GNSS equipped only) MHT V106 BAF VEERS T212 TRESA	10000	Stewart
..... MHT V490 UCA	10000	Syracuse
..... (1) MHT V106 GDM HFD MAD JAFFY V16 DIXIE V276 ARD	10000	Trenton
..... MHT V106 GDM MAD BEADS V308 MANTA V276 ARD	10000	Trenton
..... MHT V106 GDM V229 HFD V3 SORRY	10000	Waterbury-Oxford
..... CLOWW WITNY HFD (RNAV only)	10000	Waterbury-Oxford
..... MHT V106 GDM ORW V308 HTO	10000	Westhampton Beach
..... (3) MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... (5) EEN V93 PWL IGN V157 HAARP	10000	White Plains
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	White Plains
..... (1) MHT V106 GDM HFD MAD JAFFY V16 JFK V229 PANZE V44 SIE	10000	Wildwood
..... MHT V106 GDM HFD MAD BEADS V308 SIE	10000	Wildwood
..... (GNSS equipped only) EEN T295 LAAYK	10000	Wilkes-Barre
..... MHT V106 GDM V229 SPENO	10000	Worcester
..... V16 DIXIE V229	4000	Atlantic City
..... COL COL192 DIXIE V229	4000	Atlantic City
..... DIXIE V16 VCN (Overflights only)	6000	Atlantic City

McGuire

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TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... CYN V1 HOWIE (Overflights only)	6000	Atlantic City
	..... DIXIE V229 BDR BDR014 JUDDS (Preferred Single Engine Route)	7000	Bradley
	..... DIXIE V16 ENO	6000	Dover AFB
	..... DIXIE V229 (Single Engine only)	7000	Hartford
	..... DIXIE V229 HFD V167 PVD V151 GAILS (Single Engine Only)	7000	Hyannis
	..... RBV V276 DIXIE V16 JFK CCC (Single Engine only)	5000	Islip
	..... V184 ZIGGI JFK210 JFK CCC (No single engine; N/A btn 1400-2100 local)	5000	Islip
	..... GXU GXU055 RBV122 ZIGGI JFK210 JFK (No Single Engine)	5000	Kennedy
	..... RBV V276 DIXIE JFK (Single Engine only)	5000	Kennedy
	..... RBV V276 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	..... V184 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	..... V229 JFK (Single Engine only)	5000	Kennedy
	..... RBV V123 NANCI (Props)	4000	LaGuardia
	..... RBV V123 NANCI (Jets only)	8000	LaGuardia
	..... DIXIE V229 BDR MAD V475 V188 GON V374 (Single Engine Only)	7000	Martha's Vineyard
	..... DIXIE V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine Only)	7000	Nantucket
	..... V184 ZIGGI V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
	..... DIXIE V276 RBV RBV005 OWBIE (Single Engine only)	5000	Newark
	..... V229 DIXIE V276 RBV V249 METRO (Turbojet only)	4000	Newark (Sats)
	..... V184 ZIGGI V276 ARD	4000	N. Philadelphia
	..... V1 DIXIE V276 ARD	4000	N. Philadelphia
	..... RBV V276 ARD	4000	No. Philadelphia
	..... V1 CYN V312 OOD (Props only)	4000	Philadelphia
	..... V1 CYN V312 OOD (Jets only)	5000	Philadelphia
	..... DIXIE V229 JFK V229 BDR MAD V475 V188 GON (Single engine)	7000	Providence
	..... DIXIE V16 VCN ATR V1	6000	Salisbury
	..... V184 ZIGGI V276 RBV V249 SAX V39 BREZY	5000	Westchester Co.
New York/Bridgeport	..... SOARS V487 CANAN	10000	Albany
	..... HUO V162 FJC	5000	Allentown
	..... CCC V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
	..... MAD V1 HFD V229 GDM V39 CON	10000	Augusta
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... CCC V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
	..... MAD V1 HFD V229 GDM V39 AUG	10000	Bangor
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... MAD V1 HFD V229 GDM V106 ENE	10000	Bar Harbor
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... MAD V1 HFD HFD053 DREEM	10000	Bedford
	..... DPK JFK COL	6000	Belmar
	..... MAD V475 V188 GON	9000	Block Island
	..... MAD V1 HFD HFD053 DREEM	9000	Boston (North)
	..... (3) MAD V475 ORW V16 WOONS	10000	Boston
	..... BDR	10000	Bradley
	..... BDR	2000	Bridgeport SATS
	..... SOARS V487 CAM	10000	Burlington
	..... BDR JUDDS (/E, /F, /G only)	1000	Burlington
	..... HUO V162 HAR	5000	Capital City
	..... MAD V1 HFD V229 GDM V39 CON	10000	Concord
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
	..... CCC V16 DIXIE V1 LEEAH V268 BAL V214 MRB (Single Engine only)	6000	Dulles
	..... MAD MAD126 MONDI	7000	Groton
	..... HTO	3000	Hampton
	..... MAD V1 HFD	5000	Hartford
	..... MAD V475 PVD V151 GAILS	10000	Hyannis
	..... CCC	4000	Islip
 MAD V1 HFD V229 GDM	10000	Keene
 BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene

TOWER ENROUTE CONTROL

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**Approach Control Area
(Including Satellites)**

Route	Highest Altitude	Destination
..... DPK	4000	Kennedy
..... R/V LGA075	4000	LaGuardia
..... HVO V162 ETX V39 LRP	5000	Lancaster
..... MAD V1 HFD V229 GDM V151	10000	Lebanon
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
..... MAD V1 HFD V229 GDM V106 MHT	10000	Manchester
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... CCC V16 DIXIE V16 CYN (Single Engine only)	6000	McGuire
..... MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
..... MAD	3000	Meriden Markham
..... CCC V16 VCN (Single Engine only)	6000	Millville
..... MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
..... MAD V475 V188 GON V374 MINNK	9000	New Bedford
..... DIRECT	2000	New Haven
..... CMK V188 SAX	4000	Newark
..... CCC V16 DIXIE V1 (Single Engine only)	6000	Norfolk
..... (3) MAD V475 ORW V16 WOONS	10000	Norwood
..... CCC V16 DIXIE V276 ARD (Single Engine only)	6000	N. Philadelphia
..... DIXIE V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
..... MAD V1 HFD V229 GDM V106 ENE	10000	Portland
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
..... (3) MAD V1 HFD V229 GDM V106 RAYMY	10000	Portsmouth
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
..... MAD V475 V188 GON	9000	Providence
..... MAD V475 PVD V151 GAILS	10000	Provincetown
..... MAD V475 V188 GON	9000	Quonset
..... SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
..... CCC V16 (Single Engine only)	6000	Richmond
..... CCC V16 DIXIE V1 (Single Engine only)	6000	Salisbury
..... HAAYS HVO V273 HNK	10000	Syracuse
..... CCC V16 DIXIE V1 V308 BILIT CAPKO (Single Engine only)	6000	Washington
..... BDR BDR 288 RYMES	4000	Westchester Co.
..... CCC V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
..... MAD V1 GRAYM	9000	Worcester
..... SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
..... CCC V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
..... CCC V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Andrews AFB
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
..... CCC V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
..... DPK JFK COL	6000	Belmar
..... HTO V268 SEY	7000	Block Island
..... HTO V308 ORW V16 WOONS	9000	Boston
..... MAD V1 HFD HFD053 DREEM	9000	Boston (North)
..... BDR BDR014 JUDDS (All types)	10000	Bradley
..... BDR	4000	Bridgeport
..... BDR JUDDS (/E, /F, /G only)	10000	Burlington
..... SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop only)	8000	Capital City
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
..... CCC V16 DIXIE V1 LEEAH V268 BAL V214 MRB (Single Engine only)	6000	Dulles
..... HTO HTO034 MONDI	7000	Groton
..... HTO	3000	Hampton
..... MAD V1 HFD	5000	Hartford
..... HTO V139 PVD V151 GAILS	9000	Hyannis
..... CCC	2000	Islip (SATS)
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
..... DPK	3000	Kennedy
..... R/V LGA075	5000	LaGuardia
..... HTO HTO302 NESSI LGA075	6000	LaGuardia
..... SAX V249 SBJ LANNA V30 ETX V39 LRP (Props only)	8000	Lancaster
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon

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New York /Islip

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	..... CCC V16 CYN (Single Engine only)	6000	McGuire
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
	..... HTO V139 WACKY V374 MZY (Single Engine)	9000	Martha's Vineyard
	..... HTO V46 CLAMY (Twin Engine)	9000	Martha's Vineyard
	..... MAD	5000	Meriden
	..... CCC V16 VCN (Single Engine only)	6000	Millville
	..... HTO V46 CLAMY (Twin Engine)	9000	Nantucket
	..... HTO SEY V58 NEWBE DEEPO (Single Engine)	9000	Nantucket
	..... HTO V139 WACKY	9000	New Bedford
	..... HVN	4000	New Haven
	..... CMK V188 SAX	4000	Newark
	..... CCC V16 DIXIE V1 (Single Engine only)	6000	Norfolk
	..... CCC V16 DIXIE V276 ARD (Single Engine only)	6000	N. Philadelphia
	..... CCC V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	..... HTO V139 WACKY	9000	Providence
	..... HTO V139 WACKY	9000	Quonset
	..... SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
	..... CCC V16 (Single Engine only)	6000	Richmond
	..... CCC V16 DIXIE V1 (Single Engine only)	6000	Salisbury
	..... CCC V16 DIXIE V1 ATR V308 BILIT CAPKO (Single Engine only)	6000	Washington
	..... BDR BDR 288 RYMES	5000	Westchester Co.
	..... HTO BDR BDR 288 RYMES	6000	Westchester Co.
	..... HTO V308 GON	9000	Westerly
	..... CCC V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
	..... MAD V1 GRAYM	9000	Worcester
New York /Kennedy	..... SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
	..... DIXIE V229 ACY (Props only)	6000	Atlantic City
	..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	..... DIXIE V1 V308 OTT (Props only)	6000	Andrews AFB
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... DIXIE V16 ENO V268 SWANN (Props only)	6000	Baltimore
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... COL	2000	Belmar
	..... BDR MAD V475 V188 GON	9000	Block Island
	..... BDR V229 HFD V3 WOONS (Props only)	9000	Boston
	..... BDR HFD FOSTY WOONS (/E, /F, /G, props only)	9000	Boston
	..... (Jets only) BDR MAD V475 ORW WOONS	9000	Boston
	..... BDR (All types)	10000	Bradley
	..... BDR	3000	Bridgeport
	..... BDR JUDDS (/E, /F, /G only)	10000	Burlington
	..... SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop)	8000	Capital City
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Concord
	..... DIXIE V1 LEEAH V268 BAL V214 MRB (Non-pressurized aircraft only)	6000	Dulles
	..... BDR MAD MAD126 MONDI	9000	Groton
	..... R/V CCC 232 CCC HTO	3000	Hampton
	..... BDR V229 HFD	9000	Hartford
	..... BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
	..... R/V ILS 6 LOC (Text Info)	3000	Islip
	..... R/V CCC232 CCC	3000	Islip
	..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
	..... Direct	2000	LaGuardia
	..... SAX V249 SBJ V30 ETX V162 V93 LRP (Props only)	8000	Lancaster
	..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	..... DIXIE V16 CYN	6000	McGuire
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Manchester
	..... BDR MAD V475 V188 GON V374 MZY	9000	Martha's Vineyard
	..... BDR MAD	3000	Meriden Markham
	..... DIXIE V16 VCN (Props only)	6000	Millville

TOWER ENROUTE CONTROL

**Approach Control Area
(Including Satellites)**

Route	Highest Altitude	Destination
..... BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
..... COL V232 SBJ	3000	Newark
..... BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
..... DIXIE V1 (Props only)	6000	Norfolk
..... DIXIE V276 ARD	4000	N. Philadelphia
..... DIXIE V16 CYN V312 OOD (Props only)	6000	Philadelphia
..... DIXIE V16 CYN V312 OOD (Jets only)	8000	Philadelphia
..... BDR HFD CLOWW (E, /F, /G only)	10000	Portland
..... BDR HFD CLOWW (E, /F, /G only)	10000	Portsmouth
..... BDR MAD V475 V188 GON (210 kts +)	9000	Providence
..... BDR MAD V475 V188 GON	9000	Quonset
..... SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
..... DIXIE V16 (Props only)	6000	Richmond
..... DIXIE V1 (Props only)	6000	Salisbury
..... DIXIE V1 ATR V308 BILIT CAPKO (Props only)	6000	Washington
..... DPK V483 CMK	2000	Westchester Co
..... BDR MAD V475 V188 GON	9000	Westerly
..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
..... BDR MAD V1 GRAYM	9000	Worcester
..... SAX V249 SBJ V30 ETX	8000	Allentown
..... DIXIE V229 ACY (Props only)	6000	Atlantic City
..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
..... SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL (Props only)	8000	Andrews AFB
..... BDR HFD CLOWW (E, /F, /G only)	10000	Augusta
..... BDR HFD CLOWW (E, /F, /G only)	10000	Bangor
..... SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
..... BDR HFD CLOWW (E, /F, /G only)	10000	Bar Harbor
..... JFK COL	6000	Belmar
..... BDR MAD V475 V188 GON	9000	Block Island
..... BDR V229 HFD V3 WOONS	9000	Boston
..... BDR HFD FOSTY WOONS (E, /F, /G, props only)	9000	Boston
..... BDR (All types)	10000	Bradley
..... BDR 248 CCC285 PUGGS V229 BDR	5000	Bridgeport
..... R/V BDR248 BDR. . .(Helicopter Route)	5000	Bridgeport (Points NE)
..... BDR JUDDS (E, /F, /G only)	10000	Burlington
..... SAX V249 SBJ V30 ETX V162 HAR	8000	Capital City
..... BDR HFD CLOWW (E, /F, /G only)	10000	Concord
..... SAX V249 SBJ LANNA V30 ETX V39 ROBRT AML (Props only)	8000	Dulles
..... BDR MAD MAD126 MONDI	9000	Groton
..... BDR 248 BDR HTO	5000	Hampton
..... BDR V229 HFD	9000	Hartford
..... BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
..... BDR 248 CCC285 CCC	5000	Islip
..... BDR JUDDS WHATE (E, /F, /G only)	10000	Keene
..... DPK	5000	Kennedy
..... SBJ SAX V249 V30 ETX V162 V93 LRP (Props only)	7000	Lancaster
..... BDR JUDDS WHATE (E, /F, /G only)	10000	Lebanon
..... DIXIE V16 CYN	6000	McGuire
..... BDR MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
..... BDR HFD CLOWW (E, /F, /G only)	10000	Manchester
..... BDR MAD	5000	Meriden Markham
..... DIXIE V16 VCN (Props only)	6000	Millville
..... BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
..... SBJ	3000	Newark
..... BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
..... DIXIE V1 (Props only)	6000	Norfolk
..... BDR HFD CLOWW (E, /F, /G only)	10000	Portland
..... BDR HFD CLOWW(E, /F, /G only)	10000	Portsmouth
..... BDR MAD V475 V188 GON	9000	Providence
..... BDR MAD V475 V188 GON	9000	Quonset
..... SBJ SAX V249 V30 ETX V39 FLOAT	7000	Reading

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
New York/Newark	..... DIXIE V16 (Props only)	6000	Richmond
	..... DIXIE V1 (Props only)	6000	Salisbury
	..... SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL(Props only)	8000	Washington
	..... CMK	3000	Westchester Co.
	..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	..... BDR MAD V1 GRAYM	9000	Worcester
	..... LANNA V30 ETX (Jets only)	8000	Allentown
	..... LANNA V30 ETX (Props only)	6000	Allentown
	..... DIXIE V229 ACY (Props only)	6000	Atlantic City
	..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... LANNA V30 ETX V39 LRP V499 BAL (Props only)	6000	Baltimore
	..... (Props 210 kts +)	8000	
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... COL	2000	Belmar
	..... BDR MAD V475 V188 GON (210 kts +)	9000	Block Island
	..... BREZY V39 CMK V3 HFD GON (- 210 kts)	9000	Block Island
	..... BDR V229 HFD V3 WOONS (Props only, 210 kts or greater)	9000	Boston
	..... BREZY V39 CMK V3 WOONS (Props only, less than 210 kts)	9000	Boston
	..... BREZY V39 CMK V3 HFD FOSTY WOONS (/E, /F, /G, props)	9000	Boston
	..... BDR (Jets only)	10000	Bradley
	..... (1) BREZY V39 CMK V419 JUDDS	9000	Bradley
	..... BDR248 CCC285 V229 (All Jets)	5000	Bridgeport
	..... BREZY V39 CMK V374 DENNA (All Props)	6000	Bridgeport
	..... BREZY V39 CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	..... LANNA V30 ETX V162 HAR (Props only)	6000	Capital City
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Concord
	..... BREZY V39 CMK	3000	Danbury
	..... LANNA V30 ETX V39 ROBRT AML (Props only)	6000	Dulles
	..... (Props 210 kts +)	8000	
	..... SAX V213 HELON	4000	Hudson Valley Rgnt
	..... DIXIE V1 (Props 210 kts +)	6000	Grand Strand
	..... BDR MAD MAD126 MONDI (+ 210 kts)	9000	Groton
	..... BREZY V39 CMK V3 HFD GON (-210 kts)	9000	Groton
	..... BDR 248 BDR HTO (All Jets)	5000	Hampton
	..... BREZY V39 CMK V374 BETHA HTO (All Props)	6000	Hampton
	..... LANNA V30 ETX V162 HAR (Props only)	6000	Harrisburg Intl
	..... (Props 210 kts +)	8000	
	..... BDR V229 HFD (210 kts +)	9000	Hartford
	..... LANNA V30 ETX (Props only)	6000	Hazleton Muni
	..... (Props 210 kts +)	8000	
	..... BREZY V39 CMK V3 HFD (-210 kts)	9000	Hartford
	..... SBJ BIGGY B3 MAZIE	4000	Heritage Field
	..... BDR V229 HFD V167 PVD V151 GAILS (210 kts +)	9000	Hyannis
	..... BREZY V39 CMK V3 HFD V167 PVD V151 GAILS (-210 kts)	9000	Hyannis
	..... BDR 248 CCC285 CCC (All Jets)	5000	Islip
	..... BREZY V39 CMK V374 DENNA BDR CCC (All Props)	6000	Islip
	..... BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
..... R/V DPK282 (EWR Dep 4 & EWRN)	5000	Kennedy	
..... COL JFK (EWR Dep 22 & EWRS)	4000	Kennedy	
..... LANNA V30 ETX V39 LRP (Props only)	6000	Lancaster	
..... (Props 210 kts +)	8000		
..... BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon	
..... (4)(5) LANNA V30 ETX	8000	Lehigh Valley Intl	

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... DIXIE V16 (Props only)	6000	Lynchburg Rgnl/Preston Glenn Fld
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
	..... BDR MAD V475 V188 GON V374 MVY (210 kts +)	9000	Martha's Vineyard
	..... BREZY V39 CMK V3 HFD GON V374 MVY (~210 kts)	9000	Martha's Vineyard
	..... DIXIE V16 CYN	6000	McGuire
	..... BDR MAD	5000	Meriden
	..... (2) BREZY V39 CMK V3 YALER	5000	Meriden
	..... DIXIE V16 VCN (Props only)	6000	Millville
	..... BREZY V39 CMK V374 BETHA HTO	6000	Montauk
	..... BREZY V39 CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
	..... BDR MAD V475 V188 GON V374 MINNK (210 kts +)	9000	New Bedford
	..... BREZY V39 CMK V3 HFD V167 PVD (~210 kts)	9000	New Bedford
	..... (4) BIGGY V3 MAZIE	8000	New Castle Co
	..... (Props only)	4000	
	..... DIXIE V1 (Props only)	6000	Norfolk
	..... BIGGY V3 MAZIE	4000	Northeast Philadelphia
	..... SAX V213 HELON	4000	Orange Co
	..... (4) BIGGY V3 MAZIE	8000	Philadelphia Intl
	..... (Props only)	4000	
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
	..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	..... BDR MAD V475 V188 GON (210 kts +)	9000	Providence
	..... BREZY V39 CMK V3 HFD V167 PVD (~210 kts)	9000	Providence
	..... BDR MAD V475 V188 GON (210 kts +)	9000	Quonset
	..... BREZY V39 CMK V3 HFD V167 PVD (~210 kts)	9000	Quonset
	..... DIXIE V16 RIC V157 LVL V155 (Props only)	6000	Raleigh-Durham Intl
	..... (4) SBJ LANNA V30 ETX	8000	Reading Rgnl/Carl A Spatz Fld
	..... (Props only)	4000	
	..... DIXIE V16 (Props only)	6000	Richmond
	..... LANNA V30 ETX V39 LRP V93 BAL (Props only)	6000	Ronald Reagan Washington Natl
	..... (Props 210 kts +)	8000	
	..... DIXIE V1 (Props only)	6000	Salisbury
	..... SAX SAX022 MANEE	4000	Stewart Intl
	..... SAX V213 HELON	4000	Sullivan Co Intl
	..... BREZY V39 CMK V374 BETHA HTO	6000	The Francis S Gabreski Arpt
	..... BIGGY V3 MAZIE	4000	Trenton Mercer
	..... BREZY V39 CMK V374 DENNA	6000	Waterbury-Oxford
	..... BREZY	3000	Westchester Co.
	..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	..... Dixie V1 Howie (Jets only)	8000	Wildwood
	..... BDR MAD V1 GRAYM (210 kts +)	9000	Worcester
	..... BREZY V39 CMK V3 HFD V1 GRAYM (~210 kts)	9000	Worcester
New York/Stewart	..... STUBY V487 CANAN	10000	Albany
	..... STUBY V93 CON	10000	Augusta
	..... STUBY V93 CON V39 AUG	10000	Bangor
	..... STUBY V93 ENE	10000	Bar Harbor
	..... STUBY CEF CEF088 DREEM	10000	Bedford
	..... PWL HFD V3 WOONS	10000	Boston
	..... PWL PWL111 BRISS or PWL BAF (BAF/CEF)	10000	Bradley
	..... STUBY V487 CAM	10000	Burlington
	..... STUBY V93 CON	10000	Concord
	..... PWL HFD GON	10000	Groton
	..... PWL PWL111 BRISS	10000	Hartford
	..... PWL HFD V167 PVD V151 GAILS	10000	Hyannis
	..... STUBY	10000	Keene
	..... STUBY	10000	Lebanon
	..... STUBY V93 EEN	10000	Manchester
	..... PWL HFD V374 MVY	10000	Martha's Vineyard
	..... PWL HFD V58 NEWBE DEEPO	10000	Nantucket

TOWER ENROUTE CONTROL

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	PWL HFD V3 WOONS	10000	Norwood
	STUBY V93 EEN	10000	Portland
	PWL BAF V106 RAYMY	10000	Portsmouth
	PWL HFD V167 PVD	10000	Providence
	PWL HFD V167 PVD V151 GAILS	10000	Provincetown
	WEARD DNY	10000	Syracuse
	PWL BAF	10000	Worcester
New York/ Westchester	HUO V162 FJC	5000	Allentown
	DIXIE V229 ACY (Props only)	6000	Atlantic City
	DIXIE V1 HOWIE (Jets Only)	8000	Atlantic City
	CMK V3 HFD V229 GDM V39 CON	10000	Augusta
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Augusta
	SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
	CMK V3 HFD V229 GDM V39 AUG	10000	Bangor
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bangor
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	CMK V3 HFD V229 GDM V106 ENE	10000	Bar Harbor
	JFK COL	6000	Belmar
	(3) CMK V3 WOONS	9000	Boston
	CMK V3 HFD FOSTY WOONS (/E, /F, /G, props only)	9000	Boston
	CMK V419 JUDDS	10000	Bradley
	CMK V374 DENNA	5000	Bridgeport
	CMK V39 SOARS V487 BTV	10000	Burlington
	CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	HUO V162 HAR	5000	Capital City
	CMK V3 HFD V229 GDM V39 CON	10000	Concord
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Concord
	SAX V249 SBJ LANNA V30 ETX V39 ROBERT AML (Props only)	8000	Dulles
	CMK V3 HFD GON	10000	Groton
	CMK V374 BETHA HTO	5000	Hampton
	CMK V3 HFD	10000	Hartford
	CMK V3 HFD V167 PVD V151 GAILS	10000	Hyannis
	CMK V374 DENNA BDR CCC	5000	Islip
	CMK V3 HFD V229 GDM	10000	Keene
	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
	CMK V483 DPK	3000	Kennedy
	DIRECT	3000	LaGuardia
	HUO V162 ETX V39 LRP	5000	Lancaster
	CMK V3 HFD V229 GDM V15	10000	Lebanon
	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	CMK V3 HFD V229 GDM V106 MHT	10000	Manchester
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
	CMK V3 HFD GON V374 MVY	10000	Martha's Vineyard
	DIXIE V16 CYN	6000	McGuire
	Dixie V16 VCN (Props only)	6000	Millville
	CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
	CMK V374 DENNA	5000	New Haven
	NYACK V188 SAX (Props)	4000	Newark
	NYACK V188 SAX (Jets)	5000	Newark
	DIXIE V1 (Props only)	6000	Norfolk
	CMK V3 WOONS	10000	Norwood & N SATS
	CMK V3 HFD V229 GDM V106 ENE	10000	Portland
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
	CMK V3 HFD V229 GDM V106 RAYMY	10000	Portsmouth
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	CMK V3 HFD V167 PVD	10000	Providence
	CMK V3 HFD V167 PVD V151 GAILS	10000	Provincetown
	SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
	DIXIE V16 (Props only)	6000	Richmond
	SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL (Props only)	8000	Ronald Reagan Washington Natl
	DIXIE V1 (Props only)	6000	Salisbury
	HAAYS HUO V273 SYR	10000	Syracuse
	DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Norfolk	..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	..... CMK V3 HFD V1 GRAYM	10000	Worcester
	..... HCM V33 COLIN V16 PXT	9000	Patuxent River
	..... HPW V260 RIC (West-bound only)	9000	Richmond
	..... CCV V1 SBY	5000	Salisbury
Patuxent	..... CCV V139 SWL (Northeast-bound only)	5000	Snow Hill
	..... HCM HCM330 SVILL	7000	Washington
	..... SWL V139	5000	Atlantic City
	..... PXT V16 V44	5000	Atlantic City
	..... SBY V1 V44	5000	Atlantic City
	..... SBY332 BAL133	4000	Baltimore
	..... PXT V93	5000	Baltimore
	..... SBY V29 ENO	5000	Dover AFB
	..... PXT V16 ENO	5000	Dover AFB
	..... PXT V16	5000	Dover AFB
Philadelphia	..... SBY VI ATR	5000	Dover AFB
	..... PXT V213 V286 FLUKY	6000	Dulles
	..... COLIN V33 HCM	6000	Newport News
	..... SBY V1 CCV	6000	Norfolk
	..... SWL V139 CCV	6000	Norfolk
	..... WHINO V33 V286 STEIN	5000	Norfolk
	..... PXT V213 ENO V29 DQO	5000	Philadelphia
	..... SBY V29 DQO	5000	Philadelphia
	..... PXT V16	6000	Richmond
	..... PXT V31 ARUYE CAPKO	4000	Washington
	..... SBY CHURK CAPKO	4000	Washington
	..... RV FJC185 FJC	4000	Allentown
	..... OOD VCN V184 ACY	3000	Atlantic City
	..... DQO BAINS TRISH (RNAV)-STAR (Turbojets only)	10000	Baltimore
	..... DQO V166 BELAY V378 BAL (Props only)	6000 /8000	Baltimore
Portland	..... OOD V157 ENO	4000	Dover AFB
	..... DQO V29 ENO	4000	Dover AFB
	..... MXE V408 ROBRT AML	8000	Dulles
	..... MXE V184 MXE283027 V469 HAR	6000	Harrisburg
	..... PNE PNE090 ARD126 V16 DIXIE (Direct) (Single Engine only)	5000	Kennedy
	..... PNE PNE090 ARD126 V16 V276 ZIGGI (Direct) (No Single Engine)	5000	Kennedy
	..... RBV V123 PROUD (Jets only)	8000	LaGuardia
	..... MXE MXE295 HABER LRP137 LRP	4000	Lancaster
	..... ARD V214 METRO (Non Turbojets only)	5000	Newark
	..... ARD V214 METRO (Turbojet only)	7000	Newark
	..... MXE MXE334 HUMEL	4000	Reading
	..... MXE V3 SBJ	4000	Teterboro
	..... MXE V408 VINNY V93 BAL	8000	Washington
	..... DQO V166 BELAY V378 CLIPR CLIPR (RNAV)-STAR	8000	Washington
	..... RV FJC185 FJC BWZ SAX V39 BREZY	5000	Westchester Co.
..... FJC LVZ	5000	Wilkes Barre/Scranton	
..... CON CAM	10000	Albany	
..... DIRECT	10000	Bangor	
..... DIRECT	10000	Bar Harbor	
..... ENE LWM	10000	Bedford & NO SATS	
..... (3) ENE PSM PSM221 STEVO LWM	10000	Boston	
..... (5) ENE V167 SCUPP	10000	Boston	
..... ENE V106 GDM V229 WITNY	10000	Bradley	
..... CLOWW WITNY (RNAV only)	10000	Bradley	
..... ENE V106 GDM V229 HFD	10000	Bridgeport	
..... CLOWW WITNY HFD (RNAV only)	10000	Bridgeport	
..... (3) ENE V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury	
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	Danbury	
..... ENE V106 GDM V229 HFD V1 DPK	10000	Farmingdale	
..... ENE V106 GDM V14 ORW GON	10000	Groton	
..... ENE V106 GDM V229 HFD	10000	Hartford	

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... CLOWW WITNY HFD (RNAV only)	10000	Hartford
..... ENE V139 TONNI	10000	Hyannis
..... ENE V106 GDM V229 HFD V1 BELTT	10000	Islip
..... ENE V106 GDM V229 HFD V1 DPK	10000	Kennedy
..... ENE V139 TONNI	10000	Marthas Vineyard
..... ENE V139 TONNI	10000	Nantucket
..... (1) ENE V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) ENE V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
..... (1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... (3) CLOWW WITNY HFD V3 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... CLOWW WITNY HFD (RNAV only)	10000	New Haven
..... (1) ENE V106 GDM V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... ENE V106 GDM HFD MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... ENE LWM	10000	Norwood
..... ENE V106 GDM HFD MAD JAFFY V16 VCN OOD	10000	Philadelphia
..... ENE V106 GDM HFD MAD BEADS V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... ENE V139 BURDY	10000	Providence
..... ENE V139 TONNI	10000	Provincetown
..... (GNSS equipped only) ENE V106 BAF VEERS T212 TRESA	10000	Stewart
..... CLOWW WITNY HFD (RNAV only)	10000	Waterbury–Oxford
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	White Plains
..... ENE V106 GDM V229 SPENO	10000	Worcester
..... CON CAM	10000	Albany
..... DIRECT	10000	Bangor
..... DIRECT	10000	Bar Harbor
..... ENE LWM	10000	Bedford & NO SATS
..... (3) ENE PSM PSM 221 STEVO LWM	10000	Boston
..... (5) ENE V167 SCUPP	10000	Boston
..... LABEL V39 GDM V229 WITNY	10000	Bradley
..... CLOWW WITNY (RNAV only)	10000	Bradley
..... LABEL V39 GDM V229 HFD	10000	Bridgeport
..... CLOWW WITNY HFD (RNAV only)	10000	Bridgeport
..... LABEL V39 CON	10000	Concord
..... (3) LABEL V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (RNAV only)	10000	Danbury
..... LABEL V39 HFD V1 DPK	10000	Farmingdale
..... LABEL V39 GDM V14 ORW GON	10000	Groton
..... LABEL V39 GDM V229 HFD	10000	Hartford
..... CLOWW WITNY HFD (RNAV only)	10000	Hartford
..... ENE V139 TONNI	10000	Hyannis
..... LABEL V39 V229 HFD V1 BELTT	10000	Islip
..... LABEL V39 V229 HFD V1 DPK	10000	Kennedy
..... ENE MHT	10000	Manchester
..... ENE V139 TONNI	10000	Marthas Vineyard
..... ENE V139 TONNI	10000	Nantucket
..... (1) LABEL V39 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) LABEL V39 GDM V3 CMK V623 SAX	10000	Newark & SATS
..... CLOWW WITNY HFD V229 V188 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... (3) CLOWW WITNY HFD V3 CMK V623 SAX (RNAV only)	10000	Newark & SATS
..... CLOWW WITNY HFD (RNAV only)	10000	New Haven
..... LABEL V39 GDM ORW DIXIE V276 ARD	10000	N.E. Philadelphia
..... LABEL V39 GDM HFD MAD BEADS V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... ENE LWM	10000	Norwood
..... ENE V106 GDM HFD MAD JAFFY VCN OOD	10000	Philadelphia

Portland/Augusta

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... ENE V106 GDM HFD MAD BEAS V308 BRIGS ACY V184 OOD	10000	Philadelphia
	..... ENE	10000	Portsmouth
	..... ENE V139 BURDY	10000	Providence
	..... ENE V139 TONNI	10000	Provincetown
	..... (GNSS equipped only) LABEL V39 GDM V106 BAF VEERS T212 TRESA	10000	Stewart
	..... CLOWW WITNY HFD (RNAV only)	10000	Waterbury-Oxford
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (J, /F, /G only)	10000	White Plain
	..... LABEL V39 GDM V229 SPENO	10000	Worcester
Portsmouth	..... GDM ORW V16 JFK V229 ACY	10000	Atlantic City
	..... GDM ORW V16 JFK V16 ENO V268 SWANN	10000	Baltimore
	..... GDM ORW V16 JFK COL	10000	Belmar
	..... GDM ORW V16 ENO	10000	Dover AFB
	..... GDM ORW V16 V1 ORF	10000	Norfolk
	..... GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	..... GDM ORW V16 JFK V1 ORF	10000	Philadelphia
	..... GDM ORW V16 RIC	10000	Richmond
	..... GDM ORW V16 DIXIE V276 RBV	10000	Trenton
	..... GDM ORW V16 JFK V229 ACY PANZE V44 SIE	10000	Wildwood
Providence	..... PUT ALB	10000	Albany
	..... HFD PWL HUO V162	5000	Allentown
	..... (1) ORW V16 JFK V229	10000	Atlantic City
	..... WOONS BOS PSM ENE	10000	Augusta
	..... (1) ORW V16 ENO V268 SWANN	10000	Baltimore
	..... WOONS BOS PSM ENE BGR	10000	Bangor
	..... WOONS BOS PSM ENE	10000	Bar Harbor
	..... WOONS	10000	Bedford & NO SATS
	..... (3) WOONS	10000	Boston
	..... (5) PVD V151 INNDY	10000	Boston
	..... PVD V405 BDL	10000	Bradley
	..... HFD	10000	Bridgeport
	..... PUB ALB V14	10000	Buffalo
	..... PUT V151 GDM V229	10000	Burlington
	..... WOONS MHT CON	10000	Concord
	..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (5) PUT BAF IGN V157 HAARP	10000	Danbury
	..... (1) ORW V16 ENO	10000	Dover AFB
	..... PUT CTR V270	10000	Elmira
	..... PUT CTR V270	10000	Erie
	..... V475 ORW V16 CCC V46 DPK	10000	Farmingdale
	..... HFD PWL HUO V162 FJC	5000	Harrisburg
	..... HFD	10000	Hartford
	..... PVD V151 GAILS	10000	Hyannis
	..... SEY HTO V46 CCC	10000	Islip
	..... PUT V151 GDM	10000	Keene
	..... V475 ORW V16 CCC V46 DPK	10000	Kennedy
	..... PVD V167 HFD V1 MAD V475	10000	LaGuardia
	..... PUT V151	10000	Lebanon
	..... WOONS	10000	Manchester
	..... PVD V167 TUTOR	10000	Marthas Vineyard
	..... (1) ORW V16 CYN	10000	McGuire AFB
	..... PVD PVD143 CLAMY	10000	Nantucket
	..... (1) PVD V167 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... (3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	..... HFD	10000	New Haven
	..... (1) ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	..... WOONS	10000	Norwood & SO SATS
	..... (1) ORW V16 VCN OOD	10000	Philadelphia
	..... WOONS BOS PSM ENE	10000	Portland
	..... WOONS BOS	10000	Portsmouth
	..... PVD V151 GAILS	10000	Provincetown
	..... (1) ORW V16	10000	Richmond
	..... PUT ALB	10000	Rochester

TOWER ENROUTE CONTROL

Approach Control Area
(Including Satellites)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Providence/Groton	(GNSS equipped only) LABEL V39 GDM V106 BAF VEERS T212 TRESA	10000	Stewart
	PUT ALB	10000	Syracuse
	(1) ORW V16 DIXIE V276 ARD	10000	Trenton
	HFD	10000	Waterbury–Oxford
	SEY HTO V46 CCC	10000	Westhampton Beach
	PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	HFD PWL V34 WEETS LVZ	6000	Wilkes–Barre
	PUT	10000	Worcester
	GON BAF V146	10000	Albany
	HFD PWL HUU V162	5000	Allentown
	(1) GON V374 CREAM V16 JFK V229	10000	Atlantic City
	ORW V16 BOS PSM ENE	10000	Augusta
	(1) GON V374 CREAM V16 ENO V268 SWANN	10000	Baltimore
	ORW V16 BOS PSM ENE BGR	10000	Bangor
	ORW V16 BOS PSM ENE	10000	Bar Harbor
	ORW V16 WOONS	10000	Bedford & NO SATS
	(3) ORW V16 WOONS	10000	Boston
	(5) PVD V151 INNDDY	10000	Boston
	HFD	10000	Bradley
	GON V374 CREAM	10000	Bridgeport
	GON BAF V146 ALB V14	10000	Buffalo
	ORW V14 GDM V229	10000	Burlington
	ORW V16 WOONS MHT CON	10000	Concord
	(3) GON V374 CREAM BDR BDR288 RYMES	10000	Danbury
	(5) ORW BAF IGN V157 HAARP	10000	Danbury
	(1) GON V374 CREAM V16 ENO	10000	Dover AFB
	GON CTR V270	10000	Elmira
	GON CTR V270	10000	Erie
	GON V374 KURTY V16 CCC V46 DPK	10000	Farmingdale
	HFD	10000	Hartford
	PVD V151 GAILS	10000	Hyannis
	GON V374 V16 CCC	10000	Islip
	ORW V14 GDM	10000	Keene
	GON V374 KURTY V16 CCC V46 DPK	10000	Kennedy
	GON V374 CREAM BDR V475	10000	LaGuardia
	ORW V14 GDM V151	10000	Lebanon
	ORW V16 WOONS	10000	Manchester
	GON V374 MYY	10000	Marthas Vineyard
	(1) GON V374 CREAM V16 CYN	10000	McGuire AFB
	GON V58 NEWBE DEEPO	10000	Nantucket
	(1) GON HFD V229 SEALL V188 CMK V623 SAX	10000	Neward & SATS
	(3) GON HFD V3 CMK V623 SAX	10000	Newark & SATS
	GON V374 CREAM	10000	New Haven
	(1) GON V374 CREAM V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	ORW V16 WOONS	10000	Norwood & SO SATS
(1) GON V374 CREAM V16 VCN OOD	10000	Philadelphia	
ORW V16 WOONS BOS PSM ENE	10000	Portland	
ORW V16 WOONS BOS	10000	Portsmouth	
PVD V151 GAILS	10000	Provincetown	
(1) GON V374 CREAM V16	10000	Richmond	
GON BAF V146 ALB	10000	Rochester	
(GNSS equipped only) GON NELIE T212 TRESA	10000	Stewart	
GON BAF V146 ALB	10000	Syracuse	
(1) GON V374 CREAM V16 DIXIE V276 ARD	10000	Trenton	
GON V374 CREAM	10000	Waterbury–Oxford	
GON V374 V16 CCC	10000	Westhampton Beach	
GON V374 CREAM BDR BDR288 RYMES	10000	White Plains	
HFD PWL V34 WEETS LVZ	6000	Wilkes–Barre	
ORW V14 GRAYM	10000	Worcester	
ETX	3000	Allentown	
BOYER V12 HAR	4000	Harrisburg	
V39	4000	Lancaster	
FJC BWZ	5000	Newark	
PTW	5000	No.Philadelphia	
Reading			

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Richmond	..... MXE 355 BUNTS	5000	Philadelphia
	..... V93	5000	Wilkes-Barre
	..... MXE V29 DQO	5000	Wilmington
	..... V286 STEIN	5000	Norfolk
	..... V33 HCM	6000	Norfolk
	..... V38 HCM	9000	Norfolk
	..... V16	5000	Patuxent River NAS
	..... V33	5000	Patuxent River
	..... V376	8000	Washington
	..... PSK V45	7000	Greensboro
Roanoke	..... V103	10000	Greensboro
	..... V119 GEE V464 DKK V14	10000	Cleveland
Rochester Syracuse	..... VESPE V14 ALB	10000	Albany
	..... V483 SHERB V14 ALB GDM V431 LOBBY	10000	Bedford
Washington	..... V29	6000	Binghamton
	..... V483 SHERB V14 ALB GDM V431 REVER	10000	Boston
	..... ALB	10000	Bradley
	..... RKA V433 PETER V270 ATHOS V44 DENNA	10000	Bridgeport
	..... (3) RKA V433 TRESA V123 HAARP	10000	Danbury
	..... V35	8000	Elmira
	..... V29 V428	8000	Elmira
	..... ALB V203 STELA GON	10000	Groton
	..... ALB	10000	Hartford
	..... ALB CTR PVD V151 GAILS	10000	Hyannis
	..... ALB CTR PVD V405 MVY	10000	Marthas Vineyard
	..... ALB CTR PVD V405 MVY	10000	Nantucket
	..... V483 SHERB V14 ALB GDM V431 LOBBY	10000	Norwood
	..... CAM CON	10000	Portland
	..... ALB CTR PVD	10000	Providence
	..... ALB CTR PVD V151 GAILS	10000	Provincetown
	..... V14	10000	Rochester
	..... ALB V203 STELA	10000	Worcester
	..... DIRECT	4000	Baltimore
	..... DIRECT	3000	Dulles
	..... V265	5000	Harrisburg
	..... V265 V457 LRP	5000	Lancaster
	..... V265 EMI V419 MXE ARD V214 METRO (-180 kts only)	7000	Newark
	..... DIRECT	3000	Patuxent River NAS
	..... V123 V433 DQO	7000	Philadelphia
	..... OJAAY ZUNAR		Richmond
	..... BAL V378 MXE V3 SBJ TEB (-180 kts only)	7000	Teterboro
	Westchester (See New York/Westchester)		
Wilkes-Barre	..... V164 ETX	5000	Allentown
	..... V29	8000	Binghamton
	..... LVZ V106 SEG V31 HAR	8000	Capital City
	..... V499	7000	Binghamton
	..... V147	8000	Elmira
	..... V36	8000	Elmira
	..... V106 SEG V31	8000	Harrisburg
	..... HZL RAV	8000	Harrisburg
	..... V93	6000	Lancaster
	..... V613 FJC BWZ (Non jets only)	5000	Newark
	..... V613 FJC BWZ (Jets only)	6000	Newark
	..... V93	6000	Reading

NORTH AMERICAN ROUTES

NORTH AMERICAN ROUTES FOR NORTH ATLANTIC TRAFFIC (NAR)

“NORTH AMERICAN ROUTE PROGRAM (NRP).”

Introduction

- (a) The North American Route Program (NRP) is a joint FAA and NAV CANADA program, the objective of which is to harmonize and adopt common procedures, to the extent possible, for application to random route flight operations at and above FL 290 within the conterminous U.S. and Canada.
- (b) The NRP will be implemented through various phases with the end goal of allowing all international and domestic flight operations to participate in the NRP throughout the conterminous U.S., Alaska, and Canada.
- (c) Flights may participate in the NRP under specific guidelines and filing requirements:
 1. provided the flight originates and terminates within conterminous U.S. and Canada; or,
 2. for North Atlantic international flights operating within the North American Route (NAR) System.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:

- (a) Flights to operate at or above FL 290.
- (b) For that portion of flight within 200 NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SID), Departure Procedures (DP), Standard Terminal Arrival Routes (STAR) or published Preferred IFR Routes. If none of the above are available, airways may be used.
- (c) NRP flights are not normally subject to routing restrictions such as published Preferred IFR Routes or airways, beyond a 200 NM radius of both the departure and destination airports.
- (d) Flight planning requirements are:
 1. routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;
 2. significant points may be a navigational aid or waypoint defined in fix–radial distance (FRD) format from a navigational aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;
 3. for routes that cross the U.S./Canadian border, a significant point within 30 NM of either side of the border shall be filed;
 4. significant points should be filed for all turnpoints;
 5. route(s) shall avoid active Class F airspace;
 6. “NRP” shall be entered in the Remarks section of the flight plan; and
 7. flight plans to be filed at least one hour prior to departure.
- (e) In the event that a NRP aircraft has to be recleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.
- (f) Unless published routing restrictions are in effect, North Atlantic International flights planning to operate within the NAR System may file NRP routes beyond 200 NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific FAA Requirements

The following specific FAA requirements apply:

- (a) Flights may not be filed via a DP/STAR within offshore transition areas (12 NM or more off the U.S. shoreline).
- (b) Flights may be filed and flown on the complete transition of DPs and/or STARs for specific airports in lieu of the 200 NM route planning requirement described in Common Procedures, paragraph “b” above. For listing of the airports refer to the current FAA Advisory Circular–NRP.
- (c) Flights not meeting the above guidelines are to be requested through the FAA nonpreferred route programs. Those requests will be approved/disapproved on a workload permitting basis.

NORTH AMERICAN ROUTE (NAR) SYSTEM

GENERAL

- a. The objectives of the NAR System are as follows:
 1. To expedite flight planning.
 2. To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and
 3. To minimize the time spent in the route clearance delivery function.
- b. The NAR System is designed to accommodate major airports in North America where the volume of North Atlantic (NAT) traffic and route complexity dictate a need to meet the above objectives. It is for the use of traffic entering/exiting the NAT and consists of a series of pre-planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:
 1. Common Portion: That portion of the route between a specified coastal fix or an oceanic entry/exit point and a specified inland navigation fix (INF). Some routes have a common portion only (N598A-N700A); and
 2. Non-common Portion: That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.
- c. The routes are prefixed by the abbreviation “N” with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound applications while the EVEN numbers apply to westbound. Following a one–to three–digit number, an alpha character indicates the validation codes and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non-common route portions.
- d. Since a primary function of the NAR system is to complement the NAT traffic flow, a limited number of NAR routes, appropriate for the coastal fixes or oceanic entry/exit points serving the organized Organized Track System (OTS) and the domestic traffic organization, are included in the daily NAT/OTS message published by the Gander and Shanwick Oceanic Area Centers.
- e. Aircraft can only join the NAR system:
 1. At an identified coastal fix or oceanic entry/exit point; or
 2. On departure from one of the identified system airports; or
 3. At an identified INF.

FLIGHT PLANNING—GENERAL

Westbound

- a. Westbound routes begin at the oceanic exit points, thence along common route portions to an INF and then fan-out along non common routes to selected system airports;
- b. For aircraft proceeding to an identified system airport and the route of flight to destination is described by a single NAR designator, use the designator;
- c. For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

Eastbound

- a. Eastbound routes only have a common portion from the INF to a coastal fix or oceanic entry point;
- b. When the route of flight is described by a single NAR designator, use the designator;
- c. For aircraft departing from a non-system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix or oceanic entry point using the NAR designator;

General

For those cases not described above, a detailed routing is required.

NAR REQUIREMENT**General**

- a. Generally there is no requirement to flight plan and operate using the NAR system. Eastbound aircraft intending to operate on the NAT OTS and operating wholly on or south of a line between the intersections BAREE and TUDEP shall flight plan and operate using one of the NARs published on the daily OTS Message. Westbound aircraft exiting the ocean via oceanic/coastal fixes JEBBY, CARAC, BOBTU, JAROM or VODOR must file via one of the published NAR common portions as specified in the CFS unless re-entering NY oceanic via M201/M202/M203:
 - i. JEBBY CARAC - N14B, N16B, N18D, N20A, N22A
 - ii. BOBTU JAROM - N24A, N26A, N28A, N30A, N32A, N34A, N36F, N38F, N40F
 - iii. VODOR - N42C, N44C, N46F, N48F, N50F, N52F, N54F, N56F
- b. NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian domestic airspace.
- c. For operators who elect not to use the NAR system, the rules of the NRP apply.

ROUTE CLEARANCES

- a. For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, e.g., "North American Route 105B";
- b. For aircraft operating in the NAR System, but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;
- c. For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;
- d. Aircraft cleared to a system airport via a NAR designator are to follow the common and the non-common portion of the route to a system airport. If either the common or non-common portion of the issued NAR is incompatible or unacceptable, the pilot is to advise ATC accordingly.

DOCUMENTATION

- a. It is expected that the following NAR documentation will be carried on the flight deck of each aircraft operating within the NAR system:
 1. The current publications of NAV CANADA Canadian Flight Supplement; or Federal Aviation Administration Airport/Facility Directory Northeast U.S. (AFDNE); or another product which provides the current NAR; and
 2. the information in the current NAT/OTS message.
- b. Changes to the NAR routes are advertised in the monthly publication Notices to Airmen Publication (NTAP).

COMMON PROCEDURES FOR RADIO COMMUNICATIONS FAILURE

- a. The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations. It is not possible to provide guidance for all situations associated with a communications failure.
 1. If so equipped, the pilot of an aircraft experiencing a two-way radio communications failure shall:
 - i. operate the secondary radar transponder on identity Mode A) Code 7600 and Mode C; and
 - ii. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.
- b. **Communications failure prior to entering NAT oceanic airspace**
 1. If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point.
 2. If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. That first oceanic level and speed shall be maintained to landfall.
- c. **Communications failure prior to exiting NAT oceanic airspace**
 1. **Cleared on flight plan route**
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.
 2. **Cleared on other than flight plan route**
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall. After passing this point, rejoin the filed flight plan route by proceeding directly to the next significant point ahead of the track of the aircraft as contained in the filed flight plan. Where possible use published ATS route structures, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to the last specified oceanic route point. After this point conform with the relevant State procedures/regulations.

NORTH AMERICAN ROUTES**BOSTON ARTCC NORTH ATLANTIC ADVISORY**

The Boston ARTCC North Atlantic Advisory is published daily and establishes required routing for aircraft that transition into the North American Route structure and the North Atlantic Track system. The North Atlantic Advisory provides specific routing for international traffic transitioning Boston ARTCC airspace and proceeding across the North Atlantic with the following exceptions:

Departures from ATL, CLT, DFW, IAD, IAH, MCO, MIA, RDU via eastbound routes that will traverse Boston ARTCC airspace may file the following:

- (1) Via RBV LLUND
 - a. LLUND BAYYS PUT QUBIS/TAFFY/ MILLS/TOPPS/EBONY
 - b. LLUND BAYYS PUT WITCH ALEX
 - c. LLUND BAYYS PUT TUSKY/BRADD/KANNI
- (2) Via RBV J62 RIFLE SHHAR TUSKY/BRADD/KANNI/WHALE/VITOL
- (3) Via J174 RIFLE SHHAR TUSKY/BRADD/KANNI/WHALE/VITOL
- (4) When the tracks are ALEX and North, users may file to the most southern INF published on the daily track message
 - a. Via RBV J62 RIFLE ACK (then direct to the most southern published INF)
 - b. Via J174 RIFLE ACK (then direct to the southernmost published INF)

The Boston ARTCC North Atlantic Advisory is effective between the hours of 2000–0500 UTC.

NORTH AMERICAN ROUTES (NAR)

The following listing divides the NAR Route descriptions into two sections according to the direction of flight (eastbound or westbound). Each section is subdivided according to the route portion (Common or Non-common). The Common portion describes the NAR route between the Coastal Fix and the Inland Navigational Facility/Fix. The Non-common portion describes the route between the NAR route system airport being used and the Inland Navigational Facility/Fix.

COMMON PORTION (EASTBOUND)

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N3A	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N11A	SIE	B24 LYNUS	JOBOC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOC
N21A	VITOL	Direct	CARAC
N25A	ALLEX	Direct	CARAC
N31F	VITOL	LOMPI	JAROM
N33D	WHALE	LOMPI	JAROM
N35B	WHALE	GAYBL LOMPI	JAROM
N37C	EBONY	LOMPI	JAROM
N45D	VITOL	NANSO	RAFIN
N47C	VITOL	CARAC NANSO	RAFIN
N49C	WHALE	NANSO	RAFIN
N51D	WHALE	GAYBL NANSO	RAFIN
N53D	KANNI	NANSO	RAFIN
N55A	BRADD	SCOTS	RAFIN
N57A	MIILS	PEPRA	RAFIN
N59C	MIILS	Direct	RAFIN
N73A	VITOL	Direct	SUPRY
N75A	WHALE	Direct	SUPRY
N77A	WHALE	GAYBL	SUPRY
N79A	KANNI	Direct	SUPRY
N81A	BRADD	Direct	SUPRY
N83A	BRADD	SCOTS	SUPRY
N85A	TUSKY	SCOTS	SUPRY
N87A	TUSKY	Direct	SUPRY
N89A	MIILS	PEPRA	SUPRY
N91A	MIILS	RUBDA	SUPRY
N93A	MIILS	Direct	SUPRY
N105D	WHALE	Direct	RELIC
N107D	WHALE	GAYBL	RELIC
N109D	KANNI	Direct	RELIC
N111D	BRADD	Direct	RELIC
N113D	BRADD	SCOTS	RELIC
N115D	TUSKY	Direct	RELIC
N117B	TUSKY	SCOTS	RELIC
N119A	ALLEX	Direct	RELIC
N121A	MIILS	RUBDA	RELIC
N123A	MIILS	Direct	RELIC
N133A	VITOL	Direct	PORTI
N135A	WHALE	Direct	PORTI
N137A	WHALE	GAYBL	PORTI
N139A	KANNI	Direct	PORTI
N141D	BRADD	Direct	PORTI
N143B	BRADD	SCOTS	PORTI
N145B	TUSKY	Direct	PORTI
N147B	TUSKY	ACADN	PORTI
N149D	ALLEX	Direct	PORTI
N151G	MIILS	RUBDA	PORTI
N153E	MIILS	SUTKO	PORTI
N155A	MIILS	Direct	PORTI
N165A	WHALE	Direct	OMSAT

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N167A	WHALE	GAYBL	OMSAT
N169A	KANNI	Direct	OMSAT
N171D	BRADD	Direct	OMSAT
N173D	BRADD	SCOTS	OMSAT
N175E	TUSKY	Direct	OMSAT
N177E	TUSKY	ACADN	OMSAT
N179E	ALLEX	Direct	OMSAT
N181G	MIILS	SUTKO	OMSAT
N183A	MIILS	Direct	OMSAT
N193A	WHALE	Direct	NICSO
N195A	KANNI	Direct	NICSO
N197A	BRADD	Direct	NICSO
N199A	BRADD	SCOTS	NICSO
N201B	TUSKY	Direct	NICSO
N203B	TUSKY	ACADN	NICSO
N205B	ALLEX	Direct	NICSO
N207B	MIILS	SUTKO	NICSO
N209D	MIILS	TAGRA	NICSO
N211E	MIILS	Direct	NICSO
N223A	WHALE	Direct	MUSAK
N225A	KANNI	Direct	MUSAK
N227A	BRADD	Direct	MUSAK
N229A	BRADD	SCOTS	MUSAK
N231A	TUSKY	Direct	MUSAK
N233A	ALLEX	Direct	MUSAK
N235A	MIILS	TAGRA	MUSAK
N237A	MIILS	Direct	MUSAK
N251A	WHALE	Direct	JOOPY
N253A	KANNI	Direct	JOOPY
N255A	BRADD	Direct	JOOPY
N257A	BRADD	SCOTS	JOOPY
N259A	KANNI	ACADN	JOOPY
N261A	TUSKY	Direct	JOOPY
N263A	ALLEX	Direct	JOOPY
N265A	MIILS	TAGRA	JOOPY
N267A	MIILS	VINSI	JOOPY
N269A	MIILS	Direct	JOOPY
N285A	BRADD	Direct	IBERG
N287A	KANNI	Direct	IBERG
N289A	KANNI	ACADN	IBERG
N291A	TUSKY	Direct	IBERG
N293A	ALLEX	Direct	IBERG
N295A	EBONY	Direct	IBERG
N297A	TOPPS	Direct	IBERG
N299A	MIILS	VINSI	IBERG
N301B	MIILS	Direct	IBERG
N303B	CEFOU	Direct	IBERG
N315A	KANNI	SCOTS	ELSIR
N317A	KANNI	Direct	ELSIR
N319A	BRADD	Direct	ELSIR
N321A	TUSKY	Direct	ELSIR
N323A	ALLEX	Direct	ELSIR
N325A	EBONY	Direct	ELSIR
N327B	TOPPS	Direct	ELSIR
N329B	MIILS	Direct	ELSIR
N331B	CEFOU	LOPRO	ELSIR
N333B	CEFOU	Direct	ELSIR
N345A	KANNI	Direct	BUDAR

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N347A	KANNI	ACADN	BUDAR
N349A	BRADD	Direct	BUDAR
N351B	TUSKY	Direct	BUDAR
N353B	ALLEX	Direct	BUDAR
N355B	EBONY	Direct	BUDAR
N357B	TOPPS	Direct	BUDAR
N359B	MIILS	Direct	BUDAR
N361B	MIILS	LOPRO	BUDAR
N363A	CEFOU	MIGLI	BUDAR
N365A	CEFOU	Direct	BUDAR
N375A	BRADD	Direct	ALLRY
N377A	TUSKY	Direct	ALLRY
N379A	ALLEX	Direct	ALLRY
N381B	EBONY	Direct	ALLRY
N383B	TOPPS	Direct	ALLRY
N385B	MIILS	Direct	ALLRY
N387B	CEFOU	MIGLI	ALLRY
N389B	CEFOU	Direct	ALLRY
N405A	BRADD	Direct	UMESI
N407A	TUSKY	Direct	UMESI
N409A	ALLEX	Direct	UMESI
N411B	EBONY	Direct	UMESI
N413B	TOPPS	Direct	UMESI
N415B	MIILS	Direct	UMESI
N417B	CEFOU	Direct	UMESI
N419B	BAREE	Direct	UMESI
N435A	TUSKY	Direct	TUDEP
N437A	ALLEX	Direct	TUDEP
N439A	EBONY	Direct	TUDEP
N441A	TOPPS	Direct	TUDEP
N443A	MIILS	Direct	TUDEP
N445A	BAREE	Direct	TUDEP
N465A	TUSKY	Direct	SAXAN
N467A	ALLEX	Direct	SAXAN
N469A	EBONY	Direct	SAXAN
N471A	TOPPS	Direct	SAXAN
N473A	MIILS	Direct	SAXAN
N475A	TAFFY	Direct	SAXAN
N477A	BAREE	Direct	SAXAN
N495C	ALLEX	Direct	RIKAL
N497C	EBONY	Direct	RIKAL
N499A	TOPPS	Direct	RIKAL
N501A	MIILS	Direct	RIKAL
N503A	TAFFY	Direct	RIKAL
N505A	BAREE	Direct	RIKAL
N525A	ALLEX	Direct	PELTU
N527A	EBONY	Direct	PELTU
N529A	TOPPS	Direct	PELTU
N531A	MIILS	Direct	PELTU
N533A	TAFFY	Direct	PELTU
N535A	BAREE	Direct	PELTU
N555A	EBONY	Direct	NEEKO
N557A	TOPPS	Direct	NEEKO
N559A	TAFFY	Direct	NEEKO
N561A	BAREE	Direct	NEEKO
N563A	MIILS	Direct	NEEKO
N585A	EBONY	Direct	MELDI
N587A	TOPPS	Direct	MELDI

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N589A	MIILS	Direct	MELDI
N591A	TAFFY	Direct	MELDI
N593A	QUBIS	Direct	MELDI
N595A	ANCER	Direct	MELDI
N597A	BAREE	Direct	MELDI
N615A	EBONY	Direct	LOMSI
N617A	TOPPS	Direct	LOMSI
N619A	MIILS	Direct	LOMSI
N621A	TAFFY	Direct	LOMSI
N623A	QUBIS	Direct	LOMSI
N625A	ANCER	Direct	LOMSI
N627A	BAREE	Direct	LOMSI
N629A	CEFOU	Direct	LOMSI
N645A	EBONY	Direct	KODIK
N647A	TOPPS	Direct	KODIK
N649A	MIILS	Direct	KODIK
N651A	TAFFY	Direct	KODIK
N653A	QUBIS	Direct	KODIK
N655A	ANCER	Direct	KODIK
N657A	BAREE	Direct	KODIK
N659A	CEFOU	Direct	KODIK
N675A	EBONY	Direct	JANJO
N677A	TOPPS	Direct	JANJO
N679A	MIILS	Direct	JANJO
N681A	TAFFY	Direct	JANJO
N683A	QUBIS	Direct	JANJO
N685A	ANCER	Direct	JANJO
N687A	BAREE	Direct	JANJO
N689A	CEFOU	Direct	JANJO
N705A	EBONY	SERBO	IRLOK
N707A	TOPPS	SERBO	IRLOK
N709A	MIILS	Direct	IRLOK
N711A	TAFFY	Direct	IRLOK
N713A	QUBIS	Direct	IRLOK
N715A	ANCER	Direct	IRLOK
N717A	BAREE	Direct	IRLOK
N719A	CEFOU	Direct	IRLOK
N735A	TOPPS	Direct	HOIST
N737A	MIILS	Direct	HOIST
N739A	TAFFY	Direct	HOIST
N741A	QUBIS	Direct	HOIST
N743A	BAREE	Direct	HOIST
N745A	ANCER	YBC	HOIST
N765A	TOPPS	Direct	ENNSO
N767A	MIILS	Direct	ENNSO
N769A	TAFFY	Direct	ENNSO
N771A	QUBIS	Direct	ENNSO
N773A	BAREE	Direct	ENNSO
N775A	ANCER	YBC	ENNSO
N795A	MIILS	Direct	DORYY
N797A	TAFFY	Direct	DORYY
N799A	QUBIS	Direct	DORYY
N801A	BAREE	YBC	DORYY
N803A	ANCER	YBC	DORYY
N815A	BAREE	Direct	CUDDY
N825A	BAREE	Direct	BOKTO
N827A	TAFFY	Direct	BOKTO
N835A	TAFFY	Direct	AVUTI

NORTH AMERICAN ROUTES

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NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N837A	QUBIS	Direct	AVUTI
N839A	BAREE	DUVBI	AVUTI
N855A	TAFFY	DUVBI	VESMI
N857A	QUBIS	DUVBI	VESMI
N859A	BAREE	DUVBI	VESMI
N875A	TAFFY	YDP	URTAK
N877A	QUBIS	YDP	URTAK
N879A	BAREE	YDP	URTAK

NORTH AMERICAN ROUTES

COMMON PORTION (WESTBOUND)

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N4A	SLATN	Direct	BERGH
N6B	SLATN	J97	LACKS
N12D	JOBOC	Direct	BERGH
N14C	JOBOC	Direct	SAILE
N20B	DOVEY	Direct	SAILE
N26B	CARAC	Direct	VITOL
N28B	CARAC	Direct	WHALE
N30B	CARAC	Direct	KANNI
N32B	CARAC	Direct	BRADD
N34B	CARAC	Direct	TOPPS
N46G	JAROM	LOMPI CARAC	VITOL
N48G	JAROM	LOMPI GAYBL	VITOL
N50G	JAROM	LOMPI	WHALE
N52G	JAROM	LOMPI GAYBL	WHALE
N54G	JAROM	LOMPI	KANNI
N56G	JAROM	LOMPI	BRADD
N58D	JAROM	LOMPI	TUSKY
N60D	JAROM	LOMPI SCOTS	TUSKY
N62C	JAROM	LOMPI	TOPPS
N76A	RAFIN	NANSO	VITOL
N78A	RAFIN	NANSOL GAYBL	VITOL
N80A	RAFIN	NANSO	WHALE
N82A	RAFIN	NANSO	KANNI
N84A	RAFIN	Direct	BRADD
N86A	RAFIN	Direct	TUSKY
N88A	RAFIN	ACADN	TUSKY
N90A	RAFIN	Direct	MIILS
N106B	SUPRY	Direct	VITOL
N108B	SUPRY	GAYBL	VITOL
N110B	SUPRY	Direct	WHALE
N112D	SUPRY	Direct	KANNI
N114E	SUPRY	Direct	BRADD
N116A	SUPRY	Direct	TUSKY
N118A	SUPRY	ACADN	TUSKY
N120A	SUPRY	Direct	MIILS
N136A	RELIC	Direct	VITOL
N138A	RELIC	GAYBL	VITOL
N140A	RELIC	Direct	WHALE
N142D	RELIC	SCOTS	WHALE
N144D	RELIC	Direct	BRADD
N146D	RELIC	SCOTS	BRADD
N148D	RELIC	Direct	TUSKY
N150B	RELIC	SCOTS	TUSKY
N152A	RELIC	Direct	ALLEX
N154A	RELIC	Direct	MIILS
N166A	PORTI	Direct	WHALE
N168A	PORTI	Direct	KANNI
N170A	PORTI	Direct	BRADD
N172B	PORTI	SCOTS	BRADD
N174B	PORTI	Direct	TUSKY
N176B	PORTI	ACADN	TUSKY
N180A	PORTI	Direct	ALLEX
N182A	PORTI	Direct	MIILS
N196A	OMSAT	Direct	WHALE
N198A	OMSAT	GAYBL	WHALE
N200D	OMSAT	Direct	KANNI
N202D	OMSAT	Direct	BRADD

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N204D	OMSAT	SCOTS	BRADD
N206E	OMSAT	Direct	TUSKY
N208A	OMSAT	ACADN	TUSKY
N210A	OMSAT	Direct	ALLEX
N212A	OMSAT	Direct	MIILS
N226A	NICSO	SCOTS	BRADD
N228A	NICSO	ACADN	TUSKY
N230A	NICSO	Direct	KANNI
N232A	NICSO	Direct	BRADD
N234A	NICSO	Direct	TUSKY
N236A	NICSO	Direct	ALLEX
N238A	NICSO	Direct	MIILS
N256A	MUSAK	Direct	BRADD
N258A	MUSAK	SCOTS	BRADD
N260A	MUSAK	Direct	TUSKY
N262A	MUSAK	Direct	ALLEX
N264A	MUSAK	Direct	MIILS
N276C	JOOPY	Direct	TUSKY
N278B	JOOPY	Direct	ALLEX
N280A	JOOPY	Direct	MIILS
N296A	IBERG	Direct	TUSKY
N298A	IBERG	Direct	ALLEX
N300B	IBERG	Direct	EBONY
N302E	IBERG	Direct	TOPPS
N304B	IBERG	Direct	MIILS
N316A	ELSIR	Direct	TUSKY
N318A	ELSIR	Direct	ALLEX
N320A	ELSIR	Direct	EBONY
N322A*	ELSIR	Direct	TOPPS
N324A	ELSIR	Direct	MIILS
N336A	BUDAR	Direct	TUSKY
N338A	BUDAR	Direct	ALLEX
N340A	BUDAR	Direct	EBONY
N342A	BUDAR	Direct	TOPPS
N344A	BUDAR	Direct	MIILS
N356E	ALLRY	Direct	ALLEX
N358A	ALLRY	Direct	EBONY
N360A	ALLRY	Direct	TOPPS
N362A	ALLRY	Direct	MIILS
N376A	UMESI	Direct	ALLEX
N378A	UMESI	Direct	EBONY
N380B	UMESI	Direct	TOPPS
N382B	UMESI	Direct	MIILS
N384B	UMESI	Direct	YRI
N386B	UMESI	YRI	COVAN
N396A	TUDEP	Direct	ALLEX
N398A	TUDEP	Direct	TOPPS
N400A	TUDEP	Direct	MIILS
N402A	TUDEP	Direct	YRI
N404A	TUDEP	YRI	COVAN
N416B	SAXAN	Direct	ALLEX
N418B	SAXAN	Direct	TOPPS
N420A	SAXAN	Direct	MIILS
N422A	SAXAN	Direct	YRI
N424G	SAXAN	YRI	COVAN
N436A	RIKAL	Direct	ALLEX
N438A	RIKAL	Direct	TOPPS
N440A	RIKAL	Direct	YRI

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N442A	RIKAL	YRI	COVAN
N456B	PELTU	Direct	ALLEX
N458A	PELTU	Direct	TOPPS
N460A	PELTU	Direct	TAFFY
N462A	PELTU	Direct	YRI
N464A	PELTU	YRI	COVAN
N476A	NEEKO	Direct	ALLEX
N478A	NEEKO	Direct	TOPPS
N480A	NEEKO	Direct	TAFFY
N482A	NEEKO	Direct	YRI
N484A	NEEKO	YRI	COVAN
N496F	MELDI	Direct	TOPPS
N498C	MELDI	Direct	TAFFY
N500A	MELDI	Direct	YRI
N502C	MELDI	YRI	COVAN
N516A	LOMSI	Direct	TOPPS
N518A	LOMSI	Direct	TAFFY
N520A	LOMSI	Direct	YRI
N522A	LOMSI	YRI	COVAN
N536C	KODIK	Direct	TOPPS
N538C	KODIK	Direct	TAFFY
N540C	KODIK	Direct	YBC
N542A	KODIK	Direct	YRI
N544A	KODIK	YRI	COVAN
N556A	JANJO	Direct	TOPPS
N558A	JANJO	Direct	TAFFY
N560A	JANJO	Direct	YBC
N562A	JANJO	YRI	COVAN
N576A	IRLOK	Direct	TAFFY
N578A	IRLOK	Direct	QUBIS
N580A	IRLOK	Direct	YBC
N582A	IRLOK	YRI	COVAN
N584B	IRLOK	OMTOL	MT
N596A	HOIST	Direct	TAFFY
N598C	HOIST	Direct	QUBIS
N600A	HOIST	Direct	YBC
N602A	HOIST	YRI	COVAN
N604B	HOIST	OMTOL	MT
N606A	HOIST	YYR	YRI
N616A	ENNSO	Direct	TAFFY
N618A	ENNSO	Direct	QUBIS
N620B	ENNSO	Direct	YBC
N622A	ENNSO	YRI	COVAN
N624B	ENNSO	OMTOL	MT
N636A	DORYY	BORUB	YZV
N638A	DORYY	Direct	TAFFY
N640B	DORYY	Direct	QUBIS
N642A	DORYY	Direct	YBC
N644A	DORYY	YRI	COVAN
N656A	CUDDY	Direct	HO
N658A	CUDDY	Direct	MT
N660B	CUDDY	NOWAA	SSM
N662A	CUDDY	UM UAC	YBC
N676A	BOKTO	Direct	DUVBI
N678A	BOKTO	DUVBI UM	YBC
N680A	BOKTO	DUVBI UM	QUBIS
N682A	BOKTO	DUVBI	MT
N684A	BOKTO	YKL	ROUND

NORTH AMERICAN ROUTES

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NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N696A	AVUTI	Direct	YDP
N698A	AVUTI	Direct	DUVBI
N700B	AVUTI	DUVBI	TAFFY
N702A	AVUTI	DUVBI	QUBIS
N704A	AVUTI	YDP	YBC
N706A	AVUTI	YDP	MT
N708A	AVUTI	YDP MT REEDO ART	SYR
N710A	AVUTI	YDP	ROUND
N712A	AVUTI	YDP JOVIE HENDY SELBO	SSM
N714A	AVUTI	YDP ROUND	SSM
N716A	AVUTI	ALSOP	TEALS
N726A	VESMI	Direct	ALSOP
N728A	VESMI	LOMTA	TEALS
N730A	VESMI	ALSOP YKL	ROUND
N732A	VESMI	ALSOP JOVIE	MT
N734A	VESMI	ALSOP UM	YBC
N736A	VESMI	ALSOP	QUBIS
N746A	URTAK	Direct	ALSOP
N748A	URTAK	Direct	LOMTA
N750A	URTAK	LOMTA	TAFFY
N752A	URTAK	LOMTA	QUBIS
N754A	URTAK	LOMTA	YBC
N756A	URTAK	LOMTA YBC	COVAN
N758A	URTAK	LOMTA	VANSI
N760A	URTAK	LOMTA VANSI STAFE	SSM
N762A	URTAK	UDMAR	MCKEE
N776A	TOXIT	Direct	UDMAR
N778A	TOXIT	UDMAR	QUBIS
N780A	TOXIT	LAKES	YBC
N782A	TOXIT	Direct	LAKES
N784A	TOXIT	UDMAR	TEALS
N796A	SAVRY	Direct	IRBIM
N798A	SAVRY	IRBIM	TAFFY
N800A	SAVRY	IRBIM	YBC
N802A	SAVRY	IRBIM	MT
N804A	SAVRY	IRBIM MT REEDO ART	SYR
N806A	SAVRY	Direct	LAKES
N808A	SAVRY	Direct	SINGA
N810A	SAVRY	Direct	UDMAR
N816A	RADUN	Direct	SINGA
N818A	RADUN	SINGA	LAKES
N820A	RADUN	Direct	KLIPS
N822A	RADUN	PEPKI	LOPVI
N836A	PIDSO	Direct	SINGA
N838A	PIDSO	Direct	PEPKI
N840A	PIDSO	PEPKI	LOPVI
N842A	PIDSO	MUSLO	RODBO
N846A	NIFTY	Direct	MUSLO
N848A	NIFTY	MUSLO	SEMTO
N850A	NIFTY	MUSLO	LOPVI
N856A	MAXAR	Direct	MIBNO
N858A	MAXAR	MIBNO	RODBO
N860A	MAXAR	Direct	MUSLO
N862A	MAXAR	MUSLO	LOPVI
N866A	LIBOR	Direct	RODBO
N868A	LIBOR	GRIBS	JELCO
N876A	KETLA	Direct	GRIBS
N878A	KETLA	GRIBS	JELCO

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N880A	KETLA	Direct	FEDDY
N886A	EMBOK	IKMAN	FEDDY
N888A	EMBOK	BERUS	TEFFO
N896A	CLAVY	KAGLY	TEFFO
N898A	CLAVY	Direct	MUSVA
N906A	AVPUT	NALDI	DUTUM

* Check for all active CYBG NOTAMS before flight planning this NAR. NARS affected by each military area can be determined by the following:

AFFECTED NARS BLW FL330:

CYR630: N458A, N460A, N344C, N500B, N542B

CYR629: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A

CYR628: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

AFFECTED NARS ABV FL310:

CYR666: N458A, N460A, N500B, N542B

CYR665: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A

CYR664: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

**NON-COMMON PORTION (WESTBOUND)
VIA ALLEX**

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ALLEX	EMJAY J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
ALLEX	ENE BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
ALLEX	ENE NELIE J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
ALLEX	AJJAY OOSH (RNAV)-STAR	BOSTON
ALLEX	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
ALLEX	ENE NELIE J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
ALLEX	ENE BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
ALLEX	SEAER J79 Lfv J174 HTO J121 SIE	DOVER
ALLEX	ENE BAF Hyper Arrival	DULLES
ALLEX	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
ALLEX	ENE BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
ALLEX	ENE Parch Arrival	KENNEDY
ALLEX	SEAER J79 Lfv J174 HTO J121 DRIFT V312 CYN	MCGUIRE
ALLEX	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
ALLEX	HANAA FLOSI (RNAV)-STAR	NEWARK
ALLEX	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
ALLEX	SEAER J79 Lfv J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
ALLEX	ENE CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
ALLEX	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
ALLEX	ENE BAF Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST LOUIS
ALLEX	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

NORTH AMERICAN ROUTES

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VIA BERGH

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BERGH	L454 OWENZ DRIFT J121 SIE	DOVER
BERGH	L454 BOUNO CREEL J62 RBV Hyper Arrival	DULLES
BERGH	L454 OWENZ CAMRN	KENNEDY
BERGH	L454 OWENZ MANTA V276 GAMBY	MCGUIRE
BERGH	L454 OWENZ V139 DRIFT BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA

VIA BRADD

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BRADD	LFV J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
BRADD	BOS BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
BRADD	BOS J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
BRADD	EURRO OOSHN (RNAV)-STAR	BOSTON
BRADD	LFV J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
BRADD	BOS J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
BRADD	BOS BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
BRADD	LFV J174 HTO J121 SIE	DOVER
BRADD	BOS BAF HYPER Arrival	DULLES
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
BRADD	PLYMM Parch Arrival	KENNEDY
BRADD	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
BRADD	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
BRADD	LFV J150 HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
BRADD	LFV J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
BRADD	BOS CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
BRADD	ACK J62 RIFLE J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
BRADD	BOS Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
BRADD	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA COVAN

Inland Navigation Facility/Fix	Non-Common Portion	Destination
COVAN	ALB CMK J75 MXE V378 BAL	ANDREWS
COVAN	ALB ACOVE DBABE Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
COVAN	ALB PWL CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
COVAN	ALB J6 BWZ PTW J48 EMI J61 HUBBS J193 WEAVR J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
COVAN	ALB PWL CMK J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
COVAN	ALB J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
COVAN	ALB J37 JFK CYN SIE	DOVER
COVAN	ALB HYPER Arrival	DULLES
COVAN	ALB J6 BWZ PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS J79 OMN FISEL Arrival	FT. LAUDERDALE
COVAN	ALB IGN IGN Arrival	KENNEDY
COVAN	ALB DNY LAAYK LVZ V147 MAZIE	MCGUIRE
COVAN	ALB PWL CMK J75 CAE J51 SAV J103 OMN HILEY Arrival	MIAMI
COVAN	HANAA FLOSI (RNAV)-STAR	NEWARK
COVAN	ALB PWL CMK J75 DUNKN AMG BUGGZ (RNAV)-STAR	ORLANDO
COVAN	ALB DNY SPUDS (RNAV)-STAR	PHILADELPHIA
COVAN	ALB J49 HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
COVAN	ALB PWL CMK J75 TAY DADES Arrival	TAMPA

NORTH AMERICAN ROUTES

VIA EBONY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
EBONY	EMJAY J174 ZIZZI ATR LAFNLN SPISY (RNAV)-STAR	ANDREWS
EBONY	ENE BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
EBONY	ENE NELIE J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
EBONY	AJJAY OOSHNN (RNAV)-STAR	BOSTON
EBONY	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
EBONY	ENE NELIE J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
EBONY	ENE BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
EBONY	SEAEER J79 Lfv J174 HTO J121 SIE	DOVER
EBONY	ENE BAF HYPER Arrival	DULLES
EBONY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
EBONY	ENE BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
EBONY	ENE Parch Arrival	KENNEDY
EBONY	SEAEER J79 Lfv J174 HTO J121 DRIFT V312 CYN	MCGUIRE
EBONY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
EBONY	HANAA FLOSI (RNAV)-STAR	NEWARK
EBONY	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
EBONY	SEAEER J79 Lfv J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
EBONY	ENE CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
EBONY	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
EBONY	ENE BAF Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
EBONY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA KANNI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
KANNI	ALB CMK J75 MXE V378 BAL	ANDREWS
KANNI	BOS BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
KANNI	BOS J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
KANNI	EURRO OOSHNN (RNAV)-STAR	BOSTON
KANNI	LFV J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
KANNI	BOS J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
KANNI	BOS BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
KANNI	LFV J174 HTO J121 SIE	DOVER
KANNI	BOS BAF HYPER Arrival	DULLES
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
KANNI	PLYMM Parch Arrival	KENNEDY
KANNI	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
KANNI	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
KANNI	LFV J150 HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
KANNI	LFV J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
KANNI	BOS CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
KANNI	ACK J62 RIFLE J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
KANNI	BOS BAF Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
KANNI	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA LACKS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
LACKS	FERNZ OOSHNN (RNAV)-STAR	BOSTON

NORTH AMERICAN ROUTES

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VIA MIILS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MIILS	ENE BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
MIILS	LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	CHICAGO
MIILS	LETAK DEBUM Q806 BOBTA DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
MIILS	LETAK DEBUM Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
MIILS	YUL Q806 BOBTA YQO Spica Arrival	DETROIT
MIILS	LETAK DEBUM Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
MIILS	VLV OMBRE Ombre Arrival	MONTREAL/TRUDEAU
MIILS	VLV CATOG VEPSU DIRECT	MONTREAL/MIRABEL
MIILS	YXI ECK GIJ RBS AARCH (RNAV)-STAR	ST. LOUIS*
MIILS	LETAK IMEBA Arrival	TORONTO

* NOTE:

St. Louis route usable only for aircraft at or above FL350.

NORTH AMERICAN ROUTES

VIA MT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MT	ALB CMK J75 MXE V378 BAL	ANDREWS
MT	TVC OBK J73 BNA NEWBB IHAVE KNGGG DRMMM (RNAV)-STAR	ATLANTA
MT	ALB PWL CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
MT	ALB J6 BWZ PTW J48 EMI J61 HUBBS J193 WEAVR J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
MT	ALB PWL CMK J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
MT	SSM PAITN Arrival	CHICAGO
MT	YXI Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
MT	TVC BAE J105 RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
MT	KAPUX HOCHE FNT POLAR POLAR-Arrival	DETROIT
MT	ALB J37 JFK CYN SIE	DOVER
MT	ALB HYPER Arrival	DULLES
MT	ALB J6 BWZ PTW J48 EMI J61 HUBBS J93 WEAVR J121 CHS J79 OMN Fisel Arrival	FT. LAUDERDALE
MT	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
MT	ALB IGN IGN Arrival	KENNEDY
MT	ALB DNY LAAYK LVZ V147 MAZIE	MCGUIRE
MT	ALB PWL CMK J75 CAE J51 SAV J103 OMN Hiley Arrival	MIAMI
MT	OBRET DATAB VIDGO EMPEK SATOT PIGNA	MONTREAL/MIRABEL
MT	OBRET LAFLEUR Arrival	MONTREAL/TRUDEAU
MT	ALB PWL CMK J75 DUNKN AMG BUGGZ (RNAV)-STAR	ORLANDO
MT	ALB DNY SPUDS (RNAV)-STAR	PHILADELPHIA
MT	ALB J49 HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
MT	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS
MT	ALB CMK J75 TAY Dades Arrival	TAMPA
MT	YXI IMEBA Arrival	TORONTO

VIA QUBIS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
QUBIS	EMJAY J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
QUBIS	ALB ACOVE DBABE Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
QUBIS	ENE NELIE J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
QUBIS	AJJAY OOSHN (RNAV)-STAR	BOSTON
QUBIS	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
QUBIS	ENE NELIE J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
QUBIS	ALB J6 LIT FEWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
QUBIS	ALB HYPER Arrival	DULLES
QUBIS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
QUBIS	ENE BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
QUBIS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
QUBIS	MOTOR HANAA FLOSI (RNAV)-STAR	NEWARK
QUBIS	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
QUBIS	ALB J49 HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
QUBIS	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
QUBIS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

NORTH AMERICAN ROUTES

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VIA ROUND

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ROUND	TVC OBK J73 BNA NEWBB IHAVE KNGGG DRMMM (RNAV)-STAR	ATLANTA
ROUND	SSM PAITN Arrival	CHICAGO
ROUND	YXI Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
ROUND	TVC BAE J105 RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
ROUND	YVO KAPUX HOCKE FNT POLAR POLAR-Arrival	DETROIT
ROUND	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
ROUND	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS
ROUND	YXI IMEBA Arrival	TORONTO

VIA SAILE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SAILE	ACK HTO J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
SAILE	ACK HTO RBV J230 BYRDD J48 FLASK WINNG (RNAV)-STAR	ATLANTA
SAILE	FERNZ OOSHN (RNAV)-STAR	BOSTON
SAILE	ACK HTO J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
SAILE	ACK HTO J121 SIE	DOVER
SAILE	ACK J62 RBV HYPER (RNAV)-STAR	DULLES
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	FT. LAUDERDALE
SAILE	PLYMM PARCH (RNAV)-STAR	KENNEDY
SAILE	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY (RNAV)-STAR	MIAMI
SAILE	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
SAILE	ACK HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
SAILE	ACK HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
SAILE	ACK J62 RIFLE J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
SAILE	NELIE J75 TAY DADES (RNAV)-STAR	TAMPA

VIA SSM

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SSM	GRB J101 BAE J89 OBK J73 BNA NEWBB IHAVE KNGGG DRMMM (RNAV)-STAR	ATLANTA
SSM	PAITN Arrival	CHICAGO
SSM	SSM J101 BAE J105 RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
SSM	GEP J114 ONL ANCHR (RNAV)-STAR	DENVER
SSM	STL J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
SSM	GRB HOKKY BAINY (RNAV)-STAR	MINNEAPOLIS/ ST. PAUL
SSM	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS

NORTH AMERICAN ROUTES

VIA SYR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SYR	SYR J59 PSB SHILO V93 BAL	ANDREWS
SYR	SYR J59 PSB Q71 GEFFS HVQ PECHY (RNAV)-STAR	ATLANTA
SYR	FQM IZZEE TRISH (RNAV)-STAR	BALTIMORE
SYR	FQM HAR EMI J61 HUBBS J193 WEAVR J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
SYR	SYR J59 PSB HVQ LNDIZ PARQR (RNAV)-STAR	CHARLOTTE
SYR	JHW DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
SYR	GONZZ Q29 KLYNE PVX J131 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
SYR	HAR LRP V210 SPERY	DOVER
SYR	SYR J59 PSB MAPEL (RNAV)-STAR	DULLES
SYR	JHW Q29 KLYNE PVX J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
SYR	IGN KINGSTON Arrival	KENNEDY
SYR	LVZ V147 MAZIE	McGUIRE
SYR	HNK FLOSI Arrival	NEWARK
SYR	CFB SPUDS (RNAV)-STAR	PHILADELPHIA
SYR	JHW YNG JESEY (RNAV)-STAR	PITTSBURGH
SYR	ROD VHP AARCH (RNAV)-STAR	ST. LOUIS

VIA TAFFY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TAFFY	EMJAY J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TAFFY	ALB ACOVE DBABE Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
TAFFY	PQI J55 ENE NELIE J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
TAFFY	AJJAY OOSHN (RNAV)-STAR	BOSTON
TAFFY	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
TAFFY	ENE NELIE J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TAFFY	ALB J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
TAFFY	SEAER J79 LRV J174 HTO J121 SIE	DOVER
TAFFY	ALB HYPER Arrival	DULLES
TAFFY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TAFFY	ENE BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TAFFY	ENE Parch Arrival	KENNEDY
TAFFY	SEAER J79 LRV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TAFFY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TAFFY	HANAA FLOSI (RNAV)-STAR	NEWARK
TAFFY	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
TAFFY	SEAER J79 LRV J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TAFFY	ENE CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TAFFY	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
TAFFY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

NORTH AMERICAN ROUTES

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VIA TOPPS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TOPPS	EMJAY J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TOPPS	ENE BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
TOPPS	ENE NELIE J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
TOPPS	AJJAY OOSHN (RNAV)-STAR	BOSTON
TOPPS	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
TOPPS	ENE NELIE J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TOPPS	YUL LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	CHICAGO
TOPPS	YUL LETAK DEBUM Q806 BOBTA DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
TOPPS	ENE BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
TOPPS	YUL Q806 BOBTA YQO SPICA Arrival	DETROIT
TOPPS	SEAEAR J79 Lfv J174 HTO J121 SIE	DOVER
TOPPS	ENE BAF HYPER Arrival	DULLES
TOPPS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TOPPS	ENE BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TOPPS	ENE Parch Arrival	KENNEDY
TOPPS	SEAEAR J79 Lfv J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TOPPS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TOPPS	HANAA FLOSI (RNAV)-STAR	NEWARK
TOPPS	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
TOPPS	SEAEAR J79 Lfv J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TOPPS	ENE CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TOPPS	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
TOPPS	ENE BAF Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
TOPPS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA
TOPPS	VLV OMBRE Arrival	MONTREAL/TRUDEAU
TOPPS	VLV CATOG VEPSU DIRECT	MONTREAL/MIRABEL
TOPPS	YUL LETAK IMEBA Arrival	TORONTO

VIA TUSKY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TUSKY	EMJAY J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TUSKY	BOS BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
TUSKY	BOS J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
TUSKY	EURRO OOSHN (RNAV)-STAR	BOSTON
TUSKY	EMJAY J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
TUSKY	BOS J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TUSKY	BOS BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
TUSKY	LFV J174 HTO J121 SIE	DOVER
TUSKY	BOS BAF HYPER Arrival	DULLES
TUSKY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TUSKY	PLYMM Parch Arrival	KENNEDY
TUSKY	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TUSKY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TUSKY	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
TUSKY	EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
TUSKY	LFV J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TUSKY	BOS CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TUSKY	EMJAY J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
TUSKY	BOS BAF Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
TUSKY	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

NORTH AMERICAN ROUTES

VIA VANSI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VANSI	TVC OBK J73 BNA NEWBB IHAVE KNGGG DRMMM (RNAV)-STAR	ATLANTA
VANSI	SSM PAITN Arrival	CHICAGO
VANSI	YXI Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
VANSI	TVC BAE J105 RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
VANSI	YVO KAPUX HOCKE FNT POLAR POLAR -Arrival	DETROIT
VANSI	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
VANSI	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST LOUIS
VANSI	YXI IMEBA Arrival	TORONTO

VIA VITOL

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VITOL	ACK HTO J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
VITOL	ACK HTO RBV J230 BYRDD J48 FLASK WINNG (RNAV)-STAR	ATLANTA
VITOL	EURRO OOSH (RNAV)-STAR	BOSTON
VITOL	ACK HTO J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
VITOL	ACK HTO J121 SIE	DOVER
VITOL	ACK J62 RBV HYPER Arrival	DULLES
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
VITOL	PLYMM Parch Arrival	KENNEDY
VITOL	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
VITOL	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
VITOL	ACK HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
VITOL	ACK HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
VITOL	ACK J62 RIFLE J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
VITOL	NELIE J75 TAY DADES (RNAV)-STAR	TAMPA

VIA WHALE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
WHALE	LFV J174 ZIZZI ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
WHALE	BOS BAF Q448 PTW J48 FLASK WINNG (RNAV)-STAR	ATLANTA
WHALE	BOS J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
WHALE	EURRO OOSH (RNAV)-STAR	BOSTON
WHALE	LFV J174 SWL J121 ISO AMYLU (RNAV)-STAR	CHARLESTON, SC
WHALE	BOS J75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
WHALE	BOS BAF Q406 BWZ J6 LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
WHALE	LFV J174 HTO J121 SIE	DOVER
WHALE	BOS BAF HYPER Arrival	DULLES
WHALE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
WHALE	PLYMM Parch Arrival	KENNEDY
WHALE	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
WHALE	LFV J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
WHALE	BOS NELIE FLOSI (RNAV)-STAR	NEWARK
WHALE	LFV J150 HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	ORLANDO
WHALE	LFV J174 HTO J121 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
WHALE	BOS CTR HNK CFB J190 SLT HAYNZ (RNAV)-STAR	PITTSBURGH
WHALE	ACK J62 RIFLE J174 SWL KAROO (RNAV)-STAR	RALEIGH-DURHAM
WHALE	BOS Q480 AIR J80 VHP AARCH (RNAV)-STAR	ST. LOUIS
WHALE	BOS J75 TAY DADES (RNAV)-STAR	TAMPA

NORTH AMERICAN ROUTES

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VIA YBC

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YBC	POLTY Q804 DERLO DJB J83 APE SPAYD HLRRY PECHY (RNAV)-STAR	ATLANTA
YBC	VBS KAPUX HOCKE FNT WYNDE (RNAV)-STAR	CHICAGO
YBC	POLTY Q804 DERLO DJB J83 APE TIGRR-STAR	CINCINNATI
YBC	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
YBC	VBS KAPUX HOCKE FNT POLAR POLAR-Arrival	DETROIT
YBC	VBS KAPUX AXIS SPICA SPICA-STAR	DETROIT
YBC	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
YBC	CATOG VEPSU DIRECT	MONTREAL/MIRABEL
YBC	OMBRE OMBRE Arrival	MONTREAL/TRUDEAU
YBC	YXI ECK GIJ RBS AARCH (RNAV)-STAR	ST. LOUIS
YBC	POLTY IMEBA Arrival	TORONTO

VIA YRI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YRI	POLTY Q804 DERLO DJB J83 APE SPAYD HLRRY PECHY (RNAV)-STAR	ATLANTA
YRI	KAPUX ASP WYNDE (RNAV)-STAR	CHICAGO
YRI	POLTY Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
YRI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
YRI	KAPUX HOCKE FNT POLAR POLAR-Arrival	DETROIT
YRI	KAPUX AXIS SPICA SPICA-STAR	DETROIT
YRI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
YRI	CATOG VEPSU DIRECT	MONTREAL/MIRABEL
YRI	OMBRE Ombre Arrival	MONTREAL/TRUDEAU
YRI	YXI ECK GIJ RBS AARCH (RNAV)-STAR	ST. LOUIS
YRI	POLTY IMEBA Arrival	TORONTO

VIA ZQA

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ZQA	BR22V DEKAL	FT LAUDERDALE
ZQA	BR49V FOWEE Fowee Arrival	MIAMI
ZQA	BR54V	PALM BEACH

RNAV Routing Pitch and Catch Points

The purpose of this section of the Special High Altitude Routes is to present user routing options for flight within the initial HAR Phase I expansion airspace. Users are able to fly user-preferred routes, referred to as non-restrictive routing (NRR), between specific fixes described by **pitch** (entry into) and **catch** (exit out of) fixes in the HAR airspace. Pitch points indicate an end of departure procedures, preferred IFR routings, or other established routing programs where a flight can begin a segment of NRR. The catch point indicates where a flight ends a segment of NRR and joins published arrival procedures, preferred IFR routing, or other established routing programs.

The HAR Phase I expansion airspace is defined as that airspace at and above FL 350 in fourteen of the western and southern Air Route Traffic Control Centers (ARTCCs). The airspace includes Minneapolis (ZMP), Chicago (ZAU), Kansas City (ZKC), Denver (ZDV), Salt Lake City (ZLC), Oakland (ZOA), Seattle Centers (ZSE), Los Angeles (ZLA), Albuquerque (ZAB), Fort Worth (ZFW), Memphis (ZME), and Houston (ZHU). Jacksonville (ZJX) and Miami (ZMA) are included for east-west routes only.

To develop a flight plan, select pitch and catch points based upon your desired route across the Phase I airspace. Filing requirements to pitch points, and from catch points, remain unchanged from current procedures. For the portion of the route between the pitch and catch points, non-restrictive routing is permitted.

Where pitch points for a specific airport are not identified, aircraft should file an appropriate departure procedure (DP), or any other user preferred routing prior to the NRR portion of their routing. Where catch points for a specific airport are not identified aircraft should file, after the NRR portion of their routing, an appropriate arrival procedure or other user preferred routing to their destination.

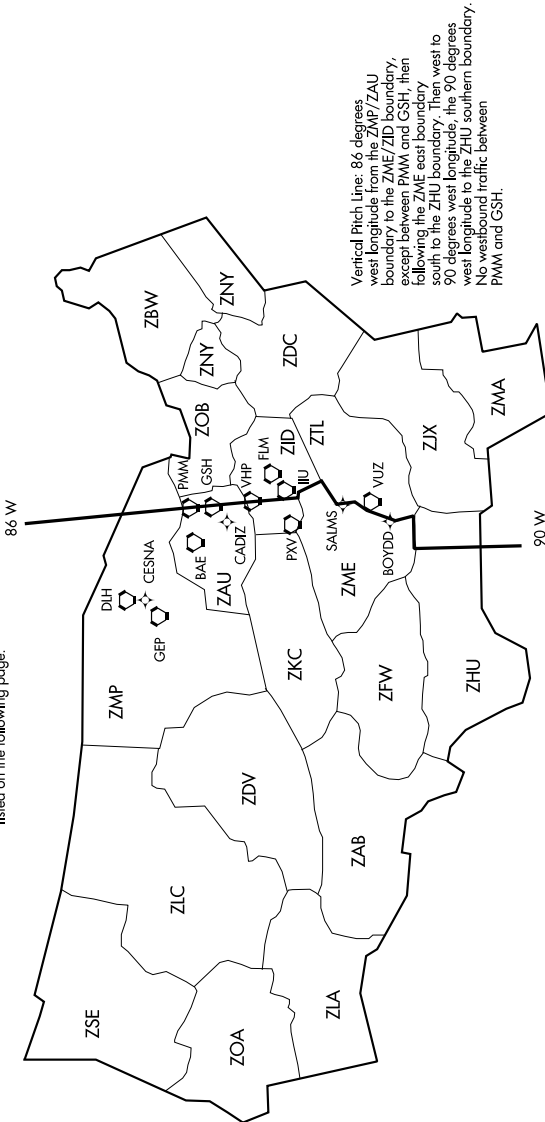
Additionally, information concerning the location and schedule of Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) can be found on the Web Site: <http://sua.faa.gov/sua/Welcme.do>. ATCAA refers to airspace in the high altitude structure supporting military and other special operations. Users are encouraged to file around these areas when they are scheduled to be active, thereby avoiding unplanned reroutes around them.

In conjunction with the HAR program RNAV routes have been established to provide for a systematic flow of air traffic in specific portions of the enroute flight environment. The designator for these RNAV routes begin with the letter Q, for example, Q-501. Where those routes aid in the efficient orderly management of air traffic they will be published as preferred IFR routes.

HIGH ALTITUDE REDESIGN (HAR) PHASE 1 RNAV ROUTING

High Altitude Redesign (HAR) Phase One Expansion Airspace

Except as noted, flights entering HAR expansion airspace may pitch at the airspace boundary, at the vertical pitch line, or at the fixes listed on the following page.



HAR Special High Altitude Pitch (entry) Points for Nonrestrictive Routing for Airports Located Outside HAR Phase I Expansion Airspace

Westbound traffic originating outside of HAR airspace entering ZMP, ZAU, ZKC and ZME can begin non-restrictive routing over any of the following pitch points (listed from north to south):

DLH, CESNA, GEP, BAE, MKG, GRR, PMM, GSH, CADIZ, FWA, VHP, FLM, IIU, PXV, SGF, RZC, BNA, SALMS, VUZ, BOYDD, MIE.

Traffic originating outside of HAR airspace may also begin Nonrestrictive Routing upon crossing the pitch line depicted on the associated graphic.

HAR Special High Altitude Pitch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists pitch points for airports within the HAR Phase I expansion airspace.

Albuquerque	ABQ, GUP, HANOS or ZUN
Austin	ABI, FUZ, JCT, MQP, NAVYS, SJT or TNV
Boca Raton, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Burbank includes Santa Monica and Van Nuys	GMN, MARKS or DAG LAS or HEC EED or PMD BLH
Chicago Terminal Area	IOW, PLL275065, MZV or BAE
Dallas-Fort Worth Terminal Area	ABI, LBB, GTH, CDS, MRMAC, IRW, TUL, MLC, TXK ELD, SWB or Aircraft destined the Chicago terminal area Except MDW EAKER MIDEE BDF BRADFORD-STAR or MLC J105 SGF BDF BRADFORD-STAR
Fort Lauderdale (or) Fort Lauderdale Executive	THNDR KPASA Q118 LENIE or THNDR KPASA Q116 CEEYA or THNDR KPASA Q110 FEONA or THNDR SMELZ Q106 GADAY or THNDR SMELZ Q106 BULZI
Houston Bush	LIT, ELD, MLC, JCT or Aircraft destined Atlanta Terminal Area LCH Q24 PAYTN HONIE-RNAV STAR or Aircraft joining J37 to the northeast, GUSTI SID GUSTI Q22 CATLN or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42
Houston Hobby	LIT, ELD, MLC, JCT, or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42
Jacksonville, FL	TAY
Kansas City Terminal Area	TIFTO, CATTS or KENTN

Los Angeles, includes Ontario	GMN, RZS or DAG LAS or TRM EED or TRM PKE
Las Vegas	DOBNE, MOSBI, NICLE, TRALR or ZELOT
Long Beach includes Orange County	GMN SNS, EHF, LANDO or TRM PKE or TRM EED
Memphis	BNA, HAAWK, SALMS or SQS
Miami Terminal Area	WINCO KPASA Q118 LENIE or WINCO KPASA Q116 CEEYA or WINCO KPASA Q110 FEONA or WINCO SMELZ Q106 GADAY or WINCO SMELZ Q106 BULZI
Milwaukee	GREAS
Minneapolis Terminal Area*	ONL, ABR, FAR, OBH, OVR, FOD
New Orleans Terminal Area	AEX, MEI, SQS, KAPLN
Orlando Terminal Area	WEBBS BRUTS Q118 LENIE or WEBBS GULFR Q116 CEEYA or WEBBS BULZI Q106 GADAY or WEBBS FEONA or WEBBS BULZI
Palm Beach, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Palm Springs	TRM JOTNU BLD or TRM EED or TRM PKE
Phoenix	CHILY, CIE, CULTS, RSK, DOVEE, GCN, MESSI, SJN, DRYHT or MOHAK
Portland, OR	PDT, TIMEE
Salt Lake City	HVE, DTA, MLF, BCE, OAL, MTU, BVL, OCS, TWF, DBS, BPI or TCH J56 CHE or TCH J173 EKR
Saint Louis	VIH, MAP, MYERZ, MCM or HLV MCI

San Antonio Terminal Area	FUZ, SJT, MQP, ABI or Aircraft North of LFK, LFK or Aircraft South of HUB, ELA or Aircraft South of LFK and North of HUB LCH
San Diego	TRM EED or TRM PKE or TRM JOTNU BLD
San Francisco Bay Area Oakland San Jose	GALLI, INSLO, HAROL JSICA GALLI, INSLO, HAROL JSICA GALLI or INSLO
Seattle	BLUIT
Southwest Florida Airports (RSW/FMY)	JOCKS KPASA Q118 LENIE or JOCKS KPASA Q116 CEEYA or JOCKS KPASA Q110 FEONA or JOCKS SMELZ Q106 GADAY or JOCKS SMELZ Q106 BULZI
Tampa Terminal Area	FEONA, BULZI or BRUTS Q118 LENIE or GULFR Q116 CEEYA or BULZI Q106 GADAY

*MSP area departures with destinations east of 93 degrees west longitude via preferred IFR routing.

Catch Points for Airports Located Outside HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to specific destinations which are outside the HAR Phase I airspace.

Atlanta Terminal Area	Aircraft through ZME airspace from ZKC airspace east of FAM, Pless Q19 BNA or Aircraft through ZME airspace from ZKC airspace west of FAM, ARG Q26 DEVAC or MEM or Aircraft through ZME airspace from ZID airspace west of a line from VHP to BWG, BNA or Aircraft through ZME airspace from ZID airspace east of a line from VHP to BWG, BWG or Aircraft through ZME airspace from ZFW airspace, MEM or MEI HONIE (RNAV)-STAR or PATYN HONIE (RNAV)-STAR
Baltimore-Washington*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA or VUZ
Boston*	GEP, CRL, ECK, IIU, BNA or VUZ
Buffalo*	GEP, CRL
Hartford Bradley*	GEP, CRL
Canton-Akron*	GIJ, VHP, GEP
Charlotte	BNA, VUZ
Cincinnati Terminal Area	BNA, PXV or Aircraft north of SLC, JOT or Aircraft over or south of SLC, ENL or SLC or SFO departures, ENL, JOT
Cleveland Terminal Area*	OBK
Detroit Terminal Area	BAE MKG POLAR-STAR or VHP FWA MIZAR-STAR
Detroit Young	VHP FWA or LAN SPRTN-STAR
Indianapolis Terminal Area	BIB, SPI, JOT
Louisville	ENL, MEM
Newark*	GEP, VHP, FLM, IIU, BNA, VUZ or IOW GIJ J554 CRL J584 SLT FQM
New York Kennedy*	GEP, VHP, FLM, IIU, BNA, VUZ or DBQ J94 PMM J70 LVZ LENDY-STAR
New York LaGuardia*	GIJ, GEP, VHP, BAE, FLM, IIU, BNA, VUZ
Philadelphia Terminal Area*	GIJ, GEP, VHP, BAE, WHETT, BNA, VUZ
Pittsburgh Terminal Area*	VHP, GIJ, BAE, GEP
Pontiac	LFD, LAN, VHP, FWA, GEP
Providence	JHW, HEMDI, CESNA, GEP, GRB, TVC, ASP VHP, IIU, BNA, VUZ
Raleigh-Durham	FLM, IIU, BNA, VUZ
Toronto Terminal Area	ECK, SVM, SSM, GEP

Teterboro*	GEP, VHP, CRL, BNA, VUZ
Washington Dulles/National*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA, VUZ
White Plains*	GEP, VHP, CRL, FLM, IIU, BNA, VUZ
Willow Run*	LAN, LFD, VHP, FWA, GEP

*Eastbound aircraft over flying ZMP center airspace entering Toronto center airspace, file direct SSM or via J63, J522, Q505, Q504, Q502, Q501

or
Entering ZAU or ZOB airspace from north of DPR J16 MCW, GEP
or
Entering ZAU or ZOB airspace from or south of DPR J16 MCW, CRL.

Catch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to airports which are below HAR Phase I airspace.

Albuquerque Terminal Area	CURLY CURLY-STAR or ESPAN FRIHO-STAR or LAVAN LAVAN-STAR or FTI FRIHO-STAR or MIERA MIERA-STAR
Austin Terminal Area	Aircraft west of a north-south line at LFK, BLEWE or Aircraft east of a north-south line at LFK, IDU or LLO
Boca Raton, FL	CEW DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or SZW INPIN SHDAY (RNAV)-STAR
Chicago Midway	CVA MOTIF-STAR or PIA MOTIF-STAR or DBQ CVA MOTIF-STAR or LMN MOTIF-STAR
Chicago O'Hare Terminal Area	GEP DLL MSN JVL JANESVILLE-STAR or TVC PULLMAN-STAR or FOD DBQ JVL JANESVILLE-STAR or MCW JANESVILLE-STAR or GCK IRK BRADFORD-STAR
Dallas-Fort Worth Terminal Area	IRW, LOSZY, FSM, LIT, SQS, MLU, AEX, JUMBO, TQA, TURKI, HEATR Aircraft through ZME airspace from north and west of PXV, RZC, Q23 FSM or Aircraft through ZME airspace from east of PXV, PXV Q25 MEEOW or Aircraft through ZME airspace from J6 down to, but not including J52, LIT, SQS or Aircraft through ZME airspace from J52 and south of J52, SQS
Ft Lauderdale or Ft Lauderdale Executive	CEW DEFUN Q104 PIE SWAGS (RNAV)-STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVVN Q104 PIE SWAGS (RNAV)-STAR
Houston Bush	CRP, CVE, LLO, LUKIY, SAT or Aircraft south and east of LLA, JEPEG or MISLE Q40 AEX or Aircraft north and east of SJI, SJI or Aircraft east of PXV, PXV Q31 DHART SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB

Houston Hobby	CRP, ELLVR, SAT, SWB or Aircraft south and east of GIRLY, KCEEE or Aircraft north and east of SJI, SJI or BESOM Q38 ROKIT ROKIT-STAR or Aircraft east of PXV, PXV Q29 HARES SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB
Jacksonville	GADAY ZOOSS TAY Aircraft through ZHU airspace remain south of ZME and ZTL airspace or ZOOSS TAY
John Wayne-Orange County	HEC, PGS, BLD or Aircraft south of TBC from ZAB airspace, HIPPI
Kansas City Terminal Area	LMN BRAYMER-STAR or PWE ROBINSON-STAR or EMP JHAWK-STAR
Las Vegas	DILCO, LIDAT, IGM or Aircraft over PGA or north of PGA KSINO or Aircraft south of PGA, PGS, LYNSY
Los Angeles Terminal Area	Aircraft North of TBC, HEC, PGS or Aircraft South of TBC from ZAB airspace, HIPPI, MESSI
Miami Terminal Area	CEW DEFUN Q104 CYY DEEDS (RNAV)-STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVFN Q104 CYY DEEDS (RNAV)-STAR
Minneapolis Terminal Area	Aircraft from north, west, south, FAR GOPHER-STAR or RWF SKETR-STAR or ALO KASPR-STAR or BRD GOPHER-STAR or BAE EAU CLAIRE-STAR or FOD TWOLF-STAR
Memphis Terminal Area	ARG, BWG, FSM, PXV, LIT, RZC, SQS, VUZ, BNA, GQO, ELD
Naples, FL	CEW DEFUN Q104 PLYER PIKKR (RNAV)-STAR Aircraft through ZHU AIRSPACE remain south of ZME and ZTL airspace or SZW HEVFN Q104 PLYER PIKKR (RNAV)-STAR
Nashville	CCT, GHM, GUITR, TINGS, VOLLS
New Orleans Terminal Area	BLUEZ, GPT, LCH, MCB, TBD, FATSO

Oakland	ILA or KATTS PAMMY or Aircraft over or south of a line ILC J16 DVC REANA KATTS PAMMY or Aircraft from north of ILC, JOPER PAMMY or KATTS PAMMY or Aircraft over or south of ILC, REANA KATTS PAMMY
Orlando Terminal Area	GADAY Q108 CLAWZ LEESE-STAR Aircraft through ZHU airspace remain south of ZME/ZTL airspace or OTK LEESE-STAR
Palm Beach, FL	CEW DEFUN Q112 INPIN GULLO (RNAV)-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW INPIN GULLO (RNAV)-STAR
Phoenix	CORKR DRK or Aircraft from ZDV airspace, GUP or Aircraft from ZAB airspace, ZUN, MOHAK, SSO or VYLLA TUS
Phoenix Satellites	FLG, SSO, MOHAK or VYLLA, TUS
Portland, OR Terminal Area	JKNOX HHOOD-STAR or JOTBA HHOOD-STAR or SOERN TMBRS-STAR or GALLO TMBRS-STAR or MACHU TMBRS-STAR or SPNSR TMBRS-STAR or MOXEE MOXEE-STAR
St. Louis Terminal Area	SGF TRAKE-STAR or BUM TRAKE-STAR or ANX TRAKE-STAR or LMN IRK RIVRS-STAR or RBS VANDALIA-STAR









Salt Lake City Terminal Area	JNC J12 HELPR SPANE-STAR or EKR MTU SPANE-STAR or BCE DTA-TCH or MLF DTA-TCH or BVL BONNEVILLE-STAR or BYI BEARR-STAR or PIH BEARR-STAR or DBS BRIGHAM CITY-STAR or JAC BRIGHAM CITY-STAR or BPI BRIGHAM CITY-STAR or OCS BRIGHAM CITY-STAR
San Diego Terminal Area	EED, LAX, GBN
Santa Ana	HEC, PGS, BLD, HIPPI
San Antonio Terminal Area	IDU, CSI, JCT, LLO, CRP, LRD or West of a north-south line at LFK, BLEWE or East of a north-south line at LFK, IDU
San Francisco	FMG GOLDEN GATE-STAR or MVA MODESTO-STAR or ENI GOLDEN GATE-STAR or OAL MODESTO-STAR or South of a line ILC to DVC, REANA KATTS OAL MODESTO-STAR
San Jose	FMG HYP EL NIDO-STAR or OAL HYP EL NIDO-STAR or ENI GOLDEN GATE-STAR or South of a line ILC to DVC, REANA KATTS KICHI CANDA EL NIDO-STAR
Seattle Terminal Area	Aircraft from northeast, southeast, south, TEMPL GLASR-STAR or SUNED CHINS-STAR or BTG HAWKZ-STAR
Southwest Florida Airports RSW and FMY	CEW DEFUN Q104 SWABE JOSFF-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW HEVVN Q104 SWABE JOSFF-STAR
Tampa Terminal Area	CEW DEFUN Q104 HEVVN DARBS-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW DARBS-STAR
Tucson	DRK PXR or MOHAK GBN

In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the Chart Supplement. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the Chart Supplement may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

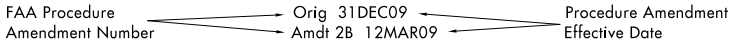
1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , 
 2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name. A star (*) indicates non-standard PCL, consult Chart Supplement, e.g., 
- To activate lights, use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , 

<u>KEY MIKE</u>	<u>FUNCTION</u>
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.



The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc.

NOTE: Inclusion of the "Procedure Amendment Effective Date" will be phased in as procedures are amended. As this occurs, the Julian date will be relocated to the upper right corner of the chart.

MISCELLANEOUS

- ★ Indicates a non-continuously operating facility, see Chart Supplement.
- For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA. Distances in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway Dimensions in feet. Elevations in feet. Mean Sea Level (MSL). Ceilings in feet above airport elevation. Radials/ bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

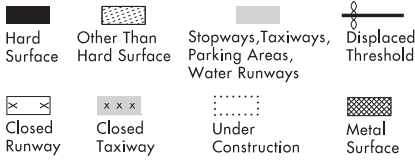
16147

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

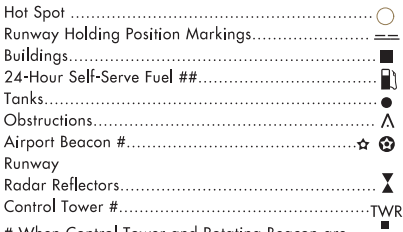
Runways



ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



REFERENCE FEATURES



When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

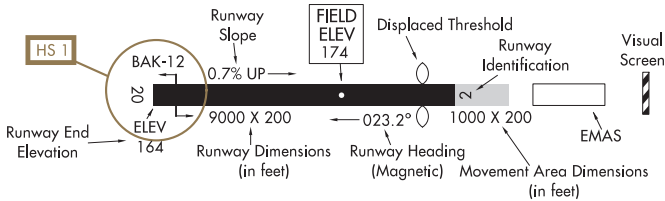
A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for information.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A **D** symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression.

Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

Helicopter Alighting Areas (⊕ ⊕ ⊕ ⊕ ⊕)
 Negative Symbols used to identify Copter Procedures landing point.....⊖ ⊕ ⊕ ⊕ ⊕

Runway Threshold elevation.....THRE 123
 Runway TDZ elevation.....TDZE 123
 Runway Slope.....0.8% UP
 (shown when runway slope is greater than or equal to 0.3%)

NOTE:
 Runway Slope measured to midpoint on runways 8000 feet or longer.

⊕ U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ±600 feet unless otherwise noted on the chart.

NOTE:
 All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FLIP. (Foreign Only)

LEGEND

HOT SPOTS

An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CONNECTICUT		
DANBURY		
DANBURY MUNI (DXR)	HS 1	Maintain vigilance confusing twy configuration.
	HS 2	Area not visible from the twr.
	HS 3	Active ramp adjacent to twy.
	HS 4	Hold position marking on Twy C for Rwy 26 is further from the rwy than the std location. It will appear before you expect it.
GROTON (NEW LONDON)		
GROTON-NEW LONDON (GON)	HS 1	When Idg Rwy 15-33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When Idg Rwy 15-33 and exit on Twy J, you immediately enter the parallel Twy B.
HARTFORD		
HARTFORD-BRAINARD (HFD)	HS 1	Helipad is in close proximity to the intersection of Twy A and Twy H.
WINDSOR LOCKS		
BRADLEY INTL (BDL)	HS 1	Twy C and Twy E complex intersection in close proximity to Rwy 01-19.
	HS 2	Acft on Twy S missing Twy C may enter Rwy 24.
	HS 3	Acft on Twy J missing Twy S may enter Rwy 33.
DELAWARE		
DOVER		
DOVER AFB (DOV)	HS 1	Intersecting twys and rwys can create confusion. Query twr if lost or need help.
WILMINGTON		
NEW CASTLE (ILG)	HS 1	Twy F intersects Rwy 09-27 which is in close proximity to the thld of Rwy 14-32.
DISTRICT OF COLUMBIA		
WASHINGTON		
RONALD REAGAN WASHINGTON NATIONAL (DCA)	HS 1	Twy M and Twy J intersection in close proximity of the rwy.
	HS 2	Twy N, Twy K, Twy L, and Twy J complex intersection in close proximity of the rwy.
MAINE		
PORTLAND		
PORTLAND INTL JETPORT (PWM)	HS 1	Acft taxiing southbound on Twy C must be alert to not miss the turn at Twy A and enter Rwy 11-29 w/o authorization.
	HS 2	Acft taxiing northbound on Twy C must maint vigilance apch the Rwy 18 hold short marking which is lctd further S on Twy C than most pilots would anticipate.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
EASTON EASTON/NEWMAM FLD (ESN)	HS 1	Acft taxiing southbound on Twy A to Rwy 33 inadvertently miss the turn onto Twy B and enter Rwy 33 without a clearance. Twy A and Twy B intersection in close proximity to the rwy.
FREDERICK FREDERICK MUNI (FDK)	HS 1	Eastbound tfc on Twy E and North and Southbound tfc on Twy A must remain alert for tfc exiting Rwy 05-23 at Twy E.
	HS 2	Northbound tfc on Twy A must remain alert as to not miss Twy B when taxiing to Rwy 30 and Southeast bound tfc on Twy B as not to miss Twy A when taxiing to Rwy 23.
	HS 3	Northbound tfc on Twy A need to be alert as not to miss Twy B and inadvertently taxi onto Rwy 30.
	HS 4	Southeast bound tfc on Twy B need to be alert as not to miss Twy A and inadvertently taxi onto Rwy 23.
MASSACHUSETTS		
BEDFORD LAURENCE G HANSCOM FLD (BED)	HS 1	Pilots become confused with the wide expanse of pavement and convergence of numerous twys.
BEVERLY BEVERLY RGNL (BVY)	HS 1	Prepare to hold short of Rwy 16-34 immediately after exiting the East Ramp.
	HS 2	Acft taxiing SE on Twy E fail to turn on Twy H and enter Rwy 27 without authorization.
BOSTON GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)	HS 1	Maint vigilance when taxiing on Rwy 15L-33R approaching Rwy 04L-22R.
	HS 2	Maint vigilance on Twy C when approaching Rwy 04L-22R.
	HS 3	Maint vigilance on Twy E and Twy K when approaching Rwy 04L-22R.
	HS 4	Maint vigilance on Twy C when approaching Rwy 09-27. Maint vigilance on Twy D when approaching Rwy 15R-33L.
LAWRENCE LAWRENCE MUNI (LWM)	HS 1	Maintain vigilance approaching Rwy 05-23 hold lines.
	HS 2	Maintain vigilance on Twy A; hold line to Rwy 14-32 appears quickly.
	HS 3	Maintain vigilance approaching Rwy 05-23 hold lines.
NANTUCKET NANTUCKET MEM (ACK)	HS 1	Maintain vigilance while taxiing. High tfc area.
	HS 2	Maintain vigilance while taxiing. High tfc area.
	HS 3	Maintain vigilance while taxiing. High tfc area.
NORWOOD NORWOOD MEM (OWD)	HS 1	Hold position marking on Twy A for Rwy 35 is further from the rwy than the standard location. It will appear before you expect it.
WORCESTER WORCESTER RGNL (ORH)	HS 1	Maintain vigilance on Twy D and Twy F, converging twys in close proximity to Rwy 15-33.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW HAMPSHIRE		
LEBANON		
LEBANON MUNI (LEB)	HS 1	Rwy hold position marking for Rwy 25 on Twy B is further down the twy than most pilots would expect. When taxiing to Rwy 25 on Twy B the hold line will appear before you expect it.
	HS 2	North Ramp and Twy B between Twy B1 and Twy B2 area not visible from the twr.
	HS 3	Acft routinely back taxi on Rwy 18–36.
MANCHESTER		
MANCHESTER (MHT)	HS 1	Maint vigilance apch the rwy holding posn markings. Anticipate the Rwy 17 hold line upon cross Rwy 24 northbound on Twy H.
	HS 2	Maint vigilance when taxiing to Rwy 35 on Twy A. Rwy holding posn markings lctd on the edge of Twy A at Twy P and Twy U.
NEW JERSEY		
CALDWELL		
ESSEX CO (CDW)	HS 1	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
NEWARK		
NEWARK LIBERTY INTL (EWR)	HS 1	Maintain heightened awareness on Twy P btn Rwy 22L and Rwy 22R, north of Rwy 11–29.
	HS 2	Southbound tfc on Twy Z3 & Twy Z4 should not confuse Rwy 11–29 for Twy Z.
TETERBORO		
TETERBORO (TEB)	HS 1	Tfc taxiing on Twy B between Rwy 01–19 and Rwy 06–24 should maintain vigilance due to close proximity to both rwys. Distance between rwy hold short lines limited to 16 ft.
	HS 2	Maintain vigilance on Twy L at Rwy 06–24. High tfc area.
	HS 3	Maintain vigilance on Twy G at Rwy 06–24. High tfc area.
NEW YORK		
ALBANY		
ALBANY INTL (ALB)	HS 1	Maintain vigilance Twy A and Twy C complex int in close proximity to Rwy 10–28.
BINGHAMTON		
GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)	HS 1	Maintain vigilance int in close proximity to Rwy 28 and Rwy 34.
BUFFALO		
BUFFALO NIAGARA INTL (BUF)	HS 1	Maintain vigilance Twy D and Twy A waiver for ATC crossings.
NEW YORK		
LAGUARDIA (LGA)	HS 1	Intersection of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Maintain vigilance when exiting Rwy 04 at Twy Q. Be sure to completely cross the hold line which requires crossing onto another twy.
NEW YORK		
STEWART INTL (SWF)	HS 1	Northbound tfc on Twy C sometimes encounter tfc on Twy A.
	HS 2	Maint vigilance high tfc area in GA ramp.
ROCHESTER		
GREATER ROCHESTER INTL (ROC)	HS 1	Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other.
SYRACUSE		
SYRACUSE HANCOCK INTL (SYR)	HS 1	Tfc exiting General Aviation parking sometimes miss the turn onto Twy H and enter Rwy 10–28 without authorization.
	HS 2	Acft taxiing southbound on Twy B, Twy E or Twy F miss the turn onto Twy A and enter the rwy without authorization.

AIRPORT DIAGRAMS

CITY/AIRPORT	HOT SPOT	DESCRIPTION
PENNSYLVANIA		
HARRISBURG CAPITAL CITY (CXY)	HS 1	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HS 2	Rwy 08 ILS Critical Area hold line pavement marking is NSTD.
	HS 3	Twy C at Rwy 30. Entrance to Twy B is difficult to see from Twy C due to large pavement area.
PHILADELPHIA PHILADELPHIA INTL (PHL)	HS 1	Acft taxiing on Twy D must remain alert to not enter Rwy 08-26 w/o proper clearance.
	HS 2	Tfc taxiing south on Twy Y must be alert to not miss the turn at Twy S and enter onto Rwy 09R-27L.
	HS 3	Maint vigilance, Twy E apch hold to protect Rwy 26 ovrr.
PITTSBURGH ALLEGHENY CO (AGC)	HS 1	Wide pavement int multiple rwys.
	HS 2	Wide pavement int with ramps, twys, and rwy.
READING READING RGNL/CARL A SPAATZ FLD (RDG)	HS 1	Hold lines on Twy B for Rwy 31 and Rwy 36 can be confusing due to close proximity.
	HS 2	Area along Twy H from Twy D to Rwy 18 hold line not visible from ATCT.
	HS 3	Area along Twy A from terminal ramp to Rwy 36 hold line not visible from ATCT.
	HS 4	Maint vigilance confusing twy configuration near adj ramp.
WILLIAMSPORT WILLIAMSPORT RGNL (IPT)	HS 1	Tfc approaching the Rwy 27 and Rwy 30 Hold Line on Twy B must remain alert so as not to mistake that Hold Line as applying to a single rwy only. The Hold Line applies to Rwy 27 and Rwy 30.
RHODE ISLAND		
PROVIDENCE THEODORE FRANCIS GREEN STATE (PVD)	HS 1	Main vigilance at Twy M and Twy C due to vast amount of pavement and multiple rwy hold lines in close proximity of rwy.
	HS 2	Int of Rwy 16-34, Twy V, Twy N, and Twy T –complex int with a convergence of numerous twys with Rwy 16-34.
	HS 3	Twy M at the int of Twy B use extra vigilance due to vast amount of pavement and multiple hold lines in close proximity of rwy.
	HS 4	Maint vigilance dep northwest ramp. Twy S is immed adj to NW ramp. Acft could inadvertently enter Rwy 16-34.
VERMONT		
BURLINGTON BURLINGTON INTL (BTV)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 19 mistakenly depart wrong rwy – Rwy 15.
	HS 2	Maintain vigilance on Twy C approaching Rwy 01-19 hold lines.

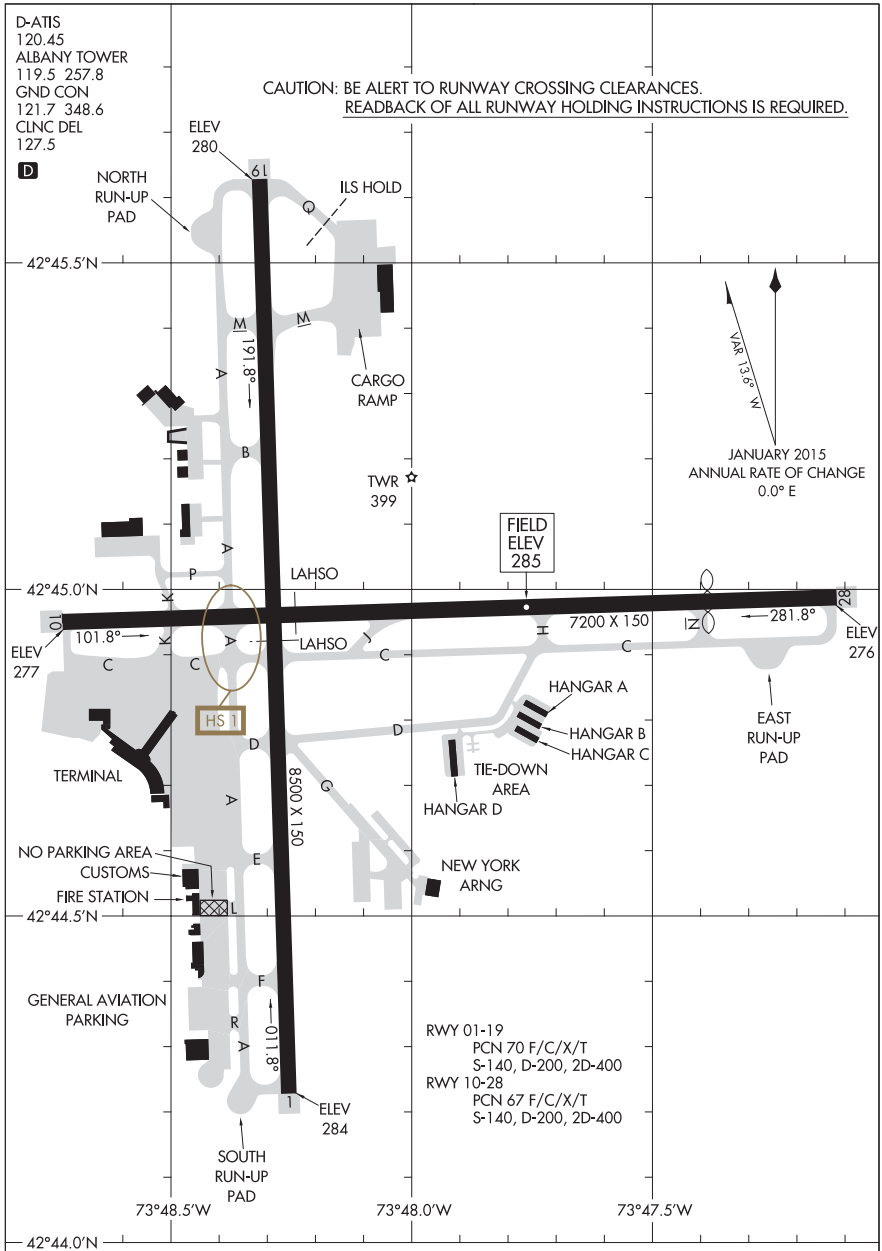
CITY/AIRPORT	HOT SPOT	DESCRIPTION
VIRGINIA		
NEWPORT NEWS NEWPORT NEWS/WILLIAMSBURG INTL (PHF)	HS 1	Maintain vigilance. Due to the large pavement area at the int of Rwy 07-25 and Rwy 02-20, pilots can easily become disoriented through the int.
	HS 2	Wrong rwy departure risk. Pilots instructed to depart Rwy 07 or Rwy 02 may mistakenly depart the adjacent rwy due to the close proximity of the thlds.
RICHMOND RICHMOND INTL (RIC)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 20 or Rwy 16 mistakenly depart the adjacent rwy due to close proximity of thlds. Acft ldg Rwy 34 unable to exit Twy C expect to cross the departure end of Rwy 02 to clear the rwy.
ROANOKE ROANOKE-BLACKSBURG RGNL/WOODRUM FLD (ROA)	HS 1	Northbound tfc on Twy A for Rwy 24 sometimes fail to make the turn at Twy G and enter Rwy 06-24 without a clearance.
	HS 2	Maint situation awareness at Twy A and Twy D.
WEST VIRGINIA		
HUNTINGTON TRI-STATE/MILTON J FERGUSON FLD (HTS)	HS 1	Maintain vigilance, Twy A does not lead to the end of Rwy 12. Full length departures rqr rwy crossing.
	HS 2	Maintain vigilance, Twy B relocated 200' southeast. Former twy is partially blocked and used as a vehicle access road.

17117

ALBANY INTL (ALB)
ALBANY, NEW YORK

AIRPORT DIAGRAM

AL-10 (FAA)



AIRPORT DIAGRAM

ALBANY, NEW YORK
ALBANY INTL (ALB)

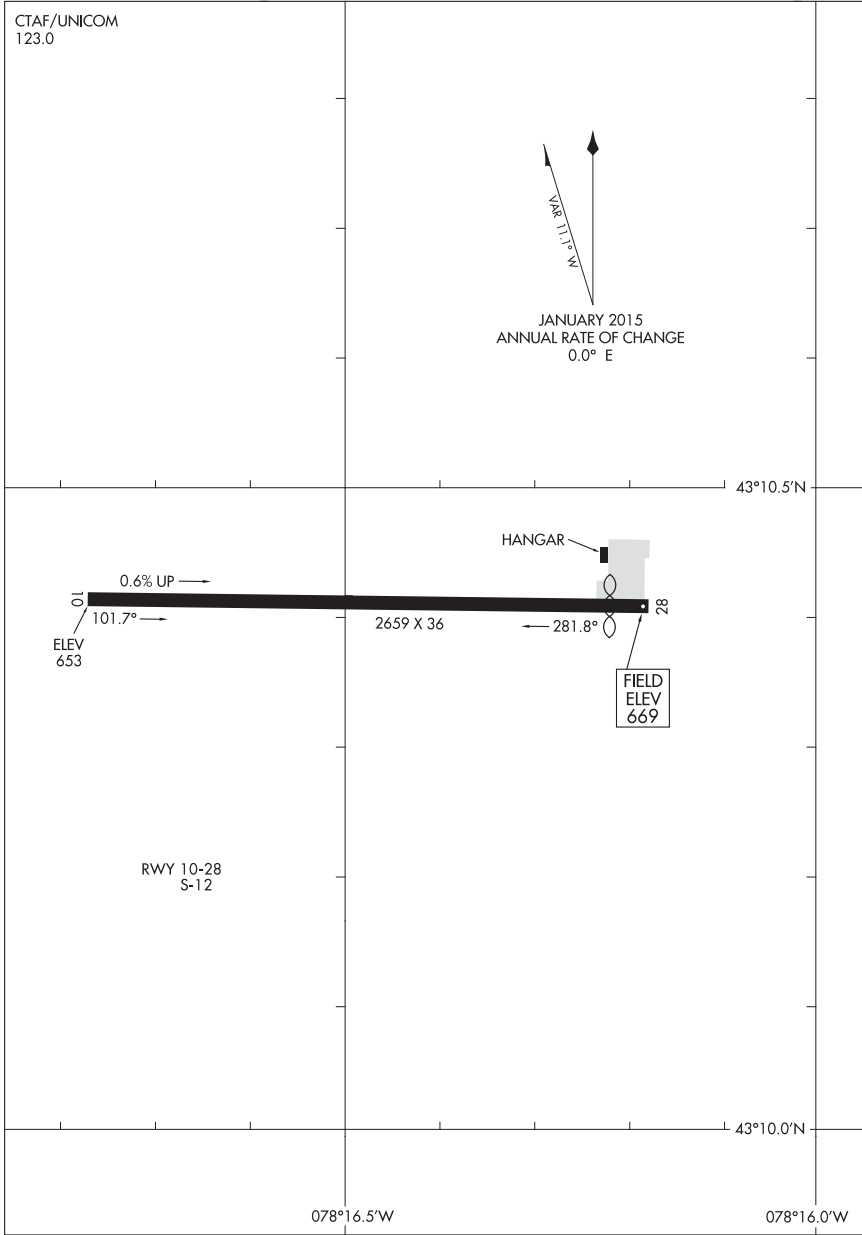
17117

15120

AIRPORT DIAGRAM

AL-6495 (FAA)

PINE HILL (9G6)
ALBION, NEW YORK



AIRPORT DIAGRAM

15120

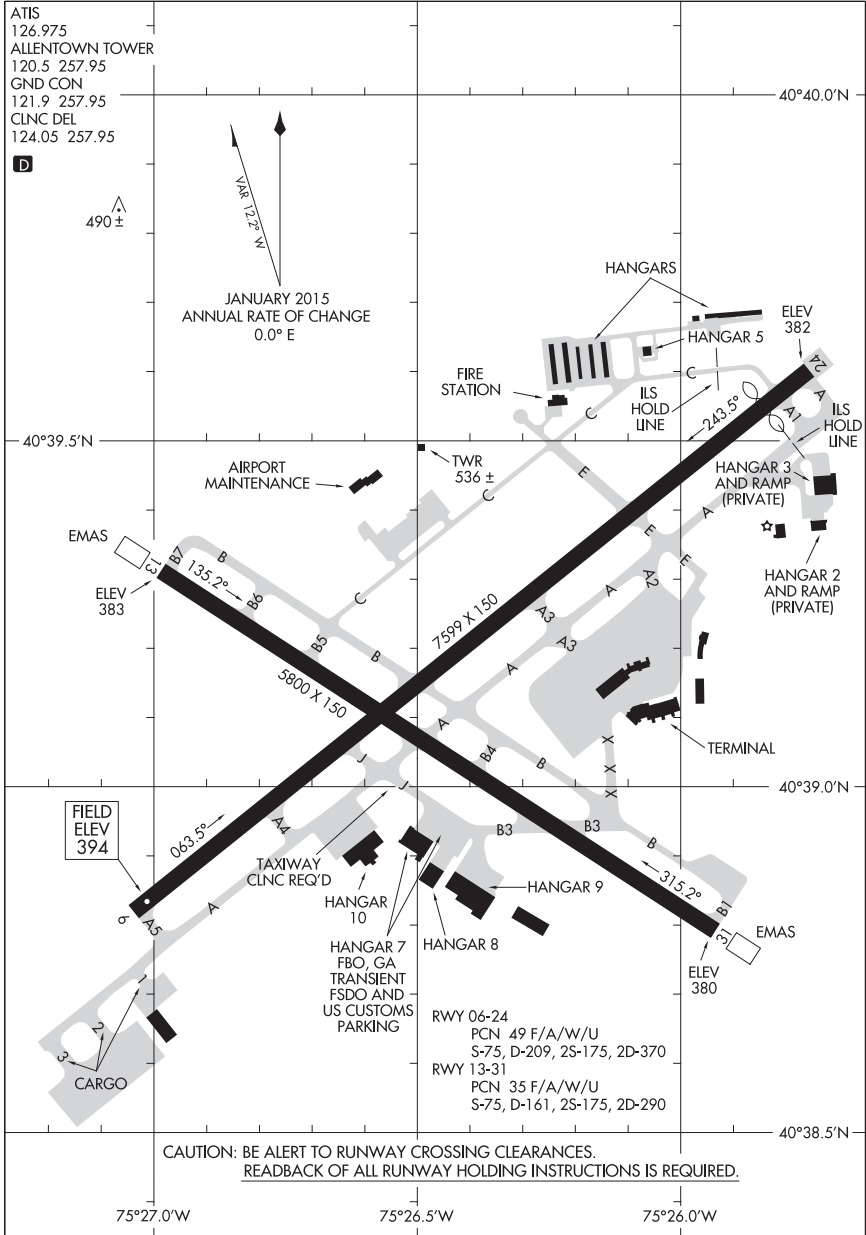
ALBION, NEW YORK
PINE HILL (9G6)

17117

AIRPORT DIAGRAM

AL-15 (FAA)

LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

17117

ALLENTOWN, PENNSYLVANIA
LEHIGH VALLEY INTL (ABE)

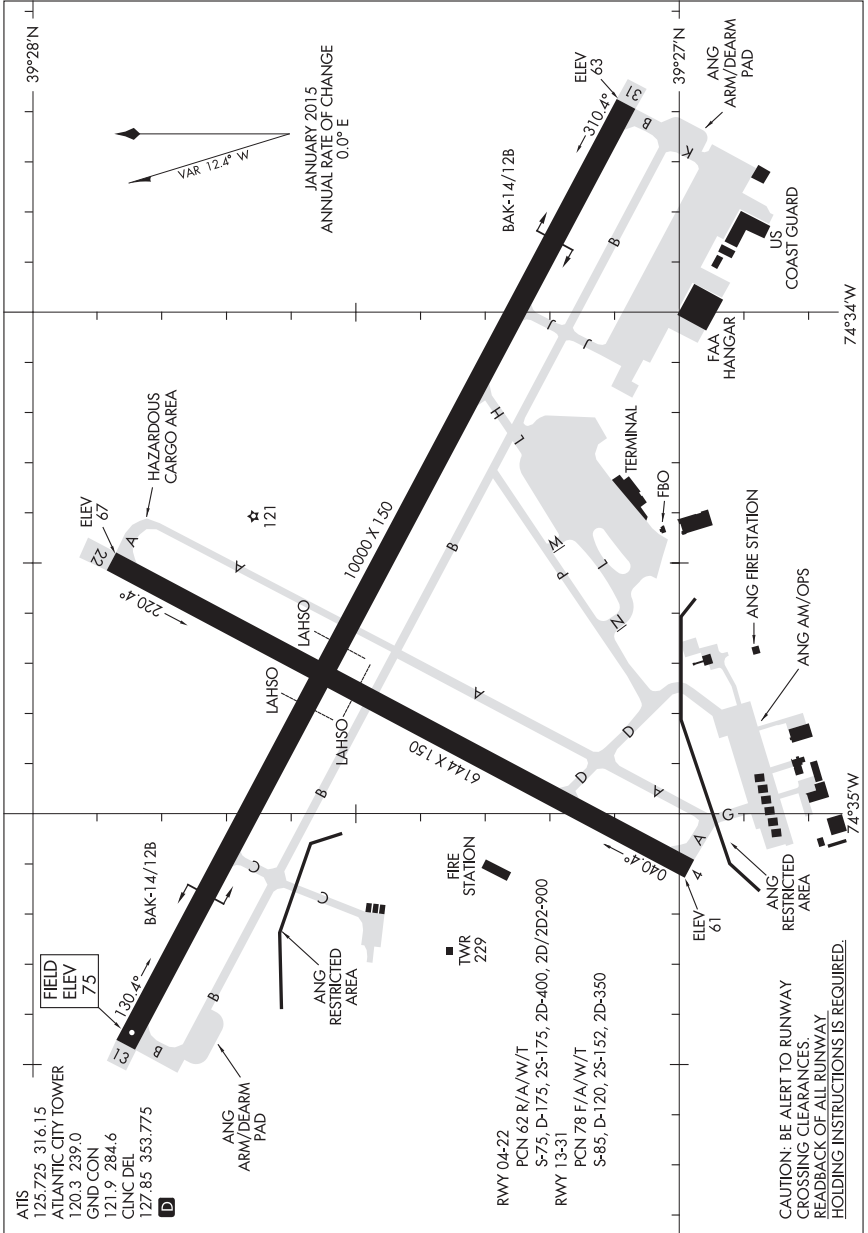
16035

AIRPORT DIAGRAM

AL-669 (FAA)

ATLANTIC CITY INTL (ACY)

ATLANTIC CITY, NEW JERSEY



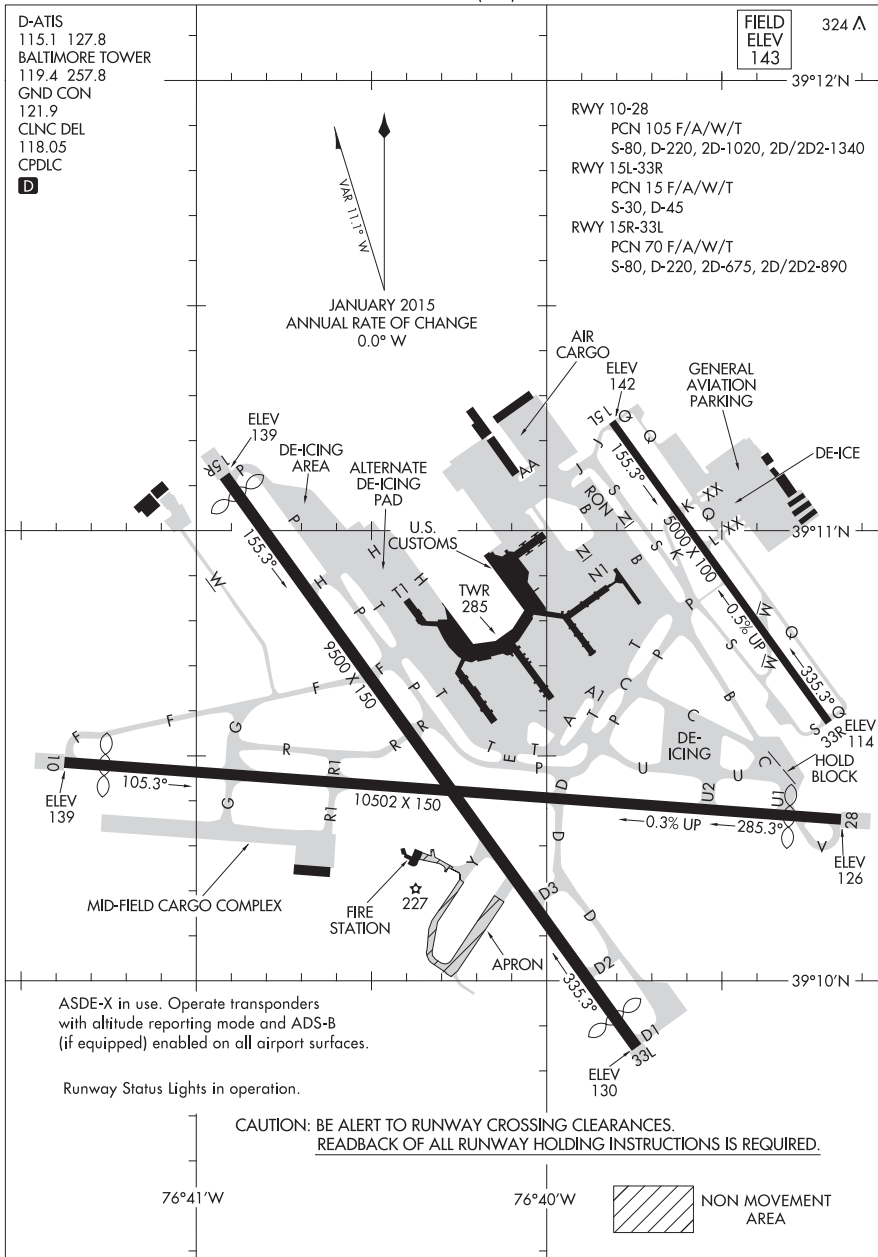
AIRPORT DIAGRAM

16035

ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

17229
AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)
AL-804 (FAA)
BALTIMORE, MARYLAND



AIRPORT DIAGRAM
17229

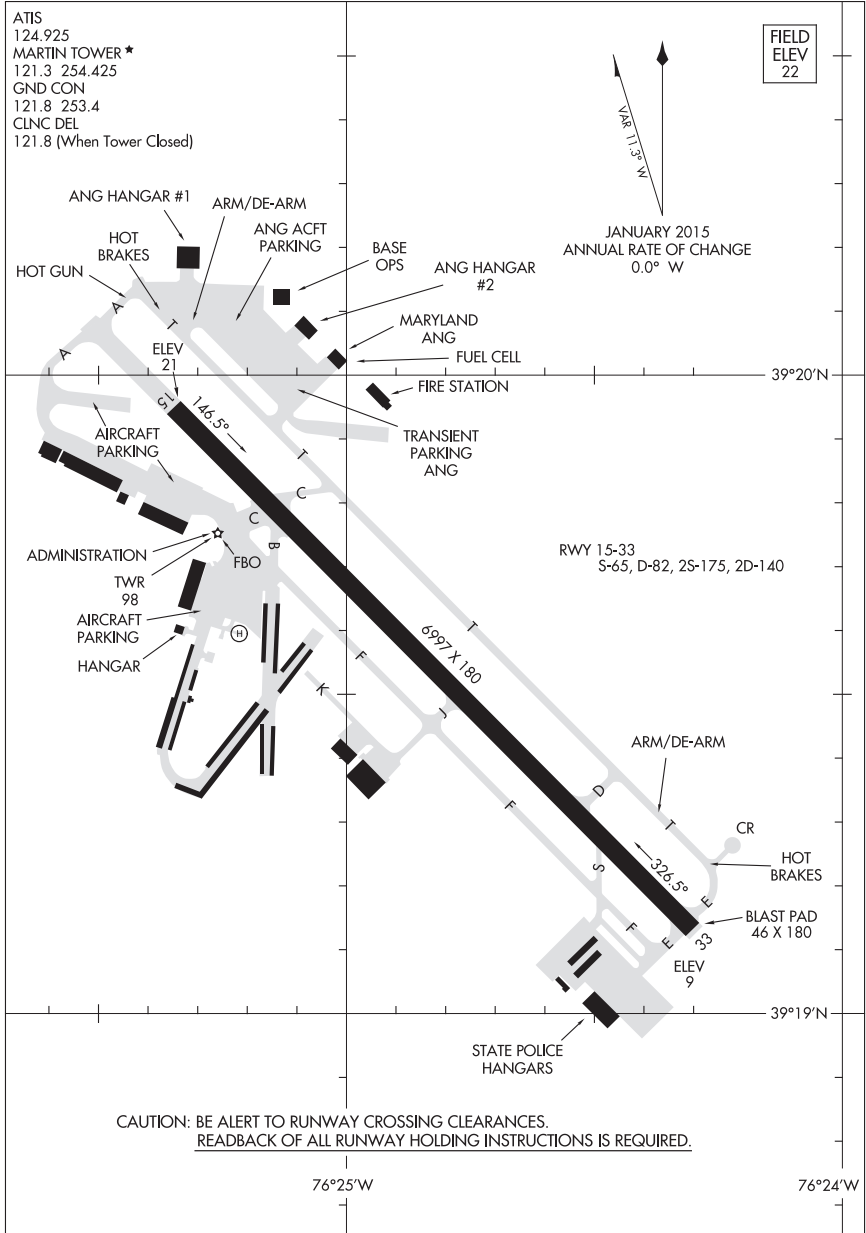
BALTIMORE, MARYLAND
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

15120

AIRPORT DIAGRAM

AL-5222 (FAA)

MARTIN STATE (MTN)
BALTIMORE, MARYLAND



AIRPORT DIAGRAM

15120

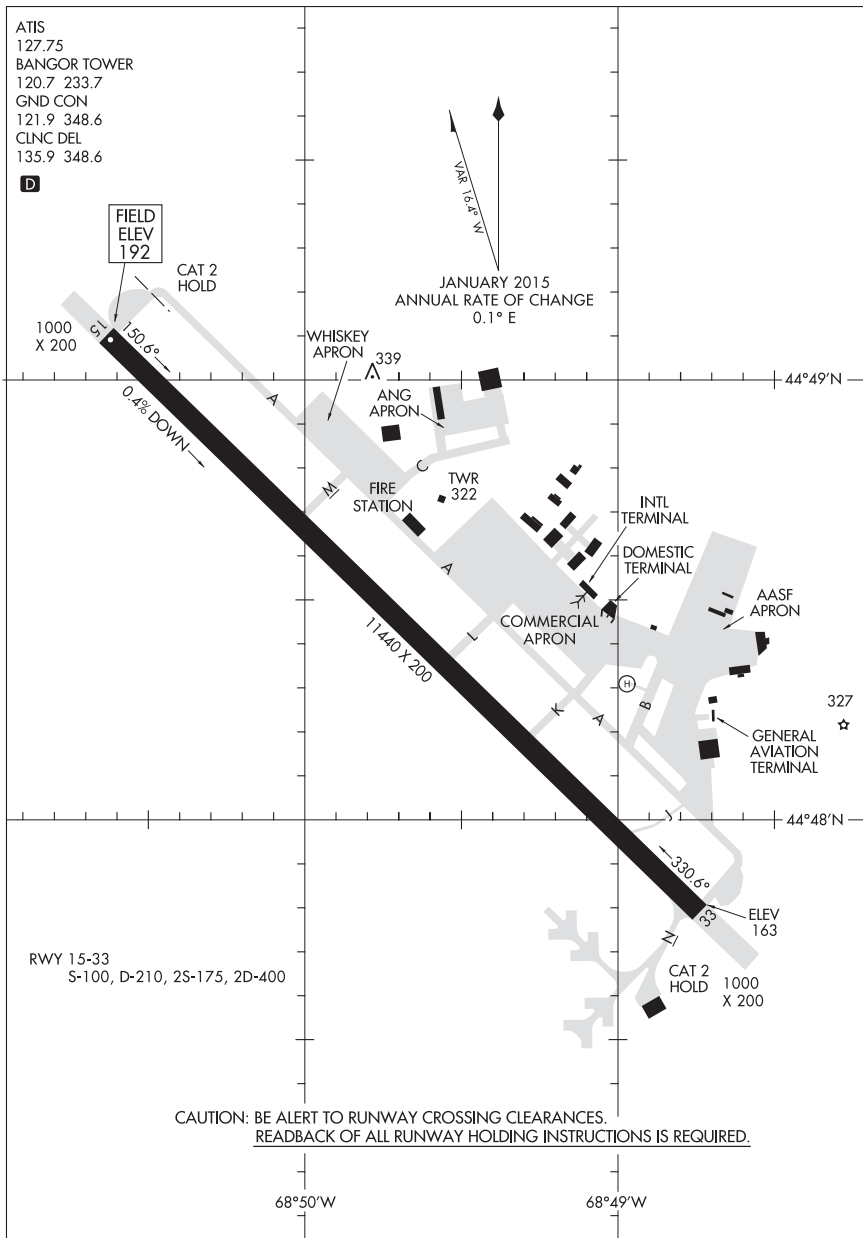
BALTIMORE, MARYLAND
MARTIN STATE (MTN)

15232

AIRPORT DIAGRAM

AL-39 (FAA)

BANGOR INTL (BGR)
BANGOR, MAINE



AIRPORT DIAGRAM

15232

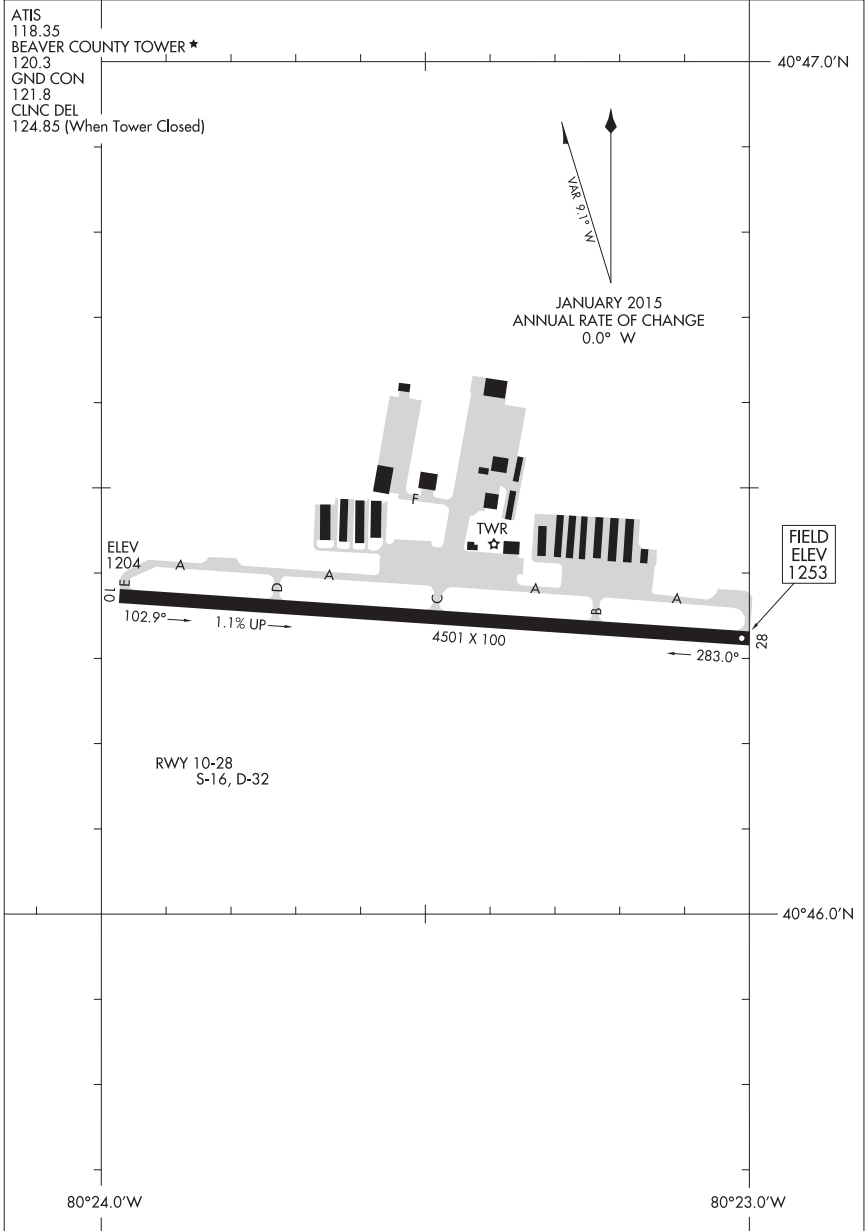
BANGOR, MAINE
BANGOR INTL (BGR)

15064

AIRPORT DIAGRAM

AL-5206 (FAA)

BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA



AIRPORT DIAGRAM

15064

BEAVER FALLS, PENNSYLVANIA
BEAVER COUNTY (BVI)

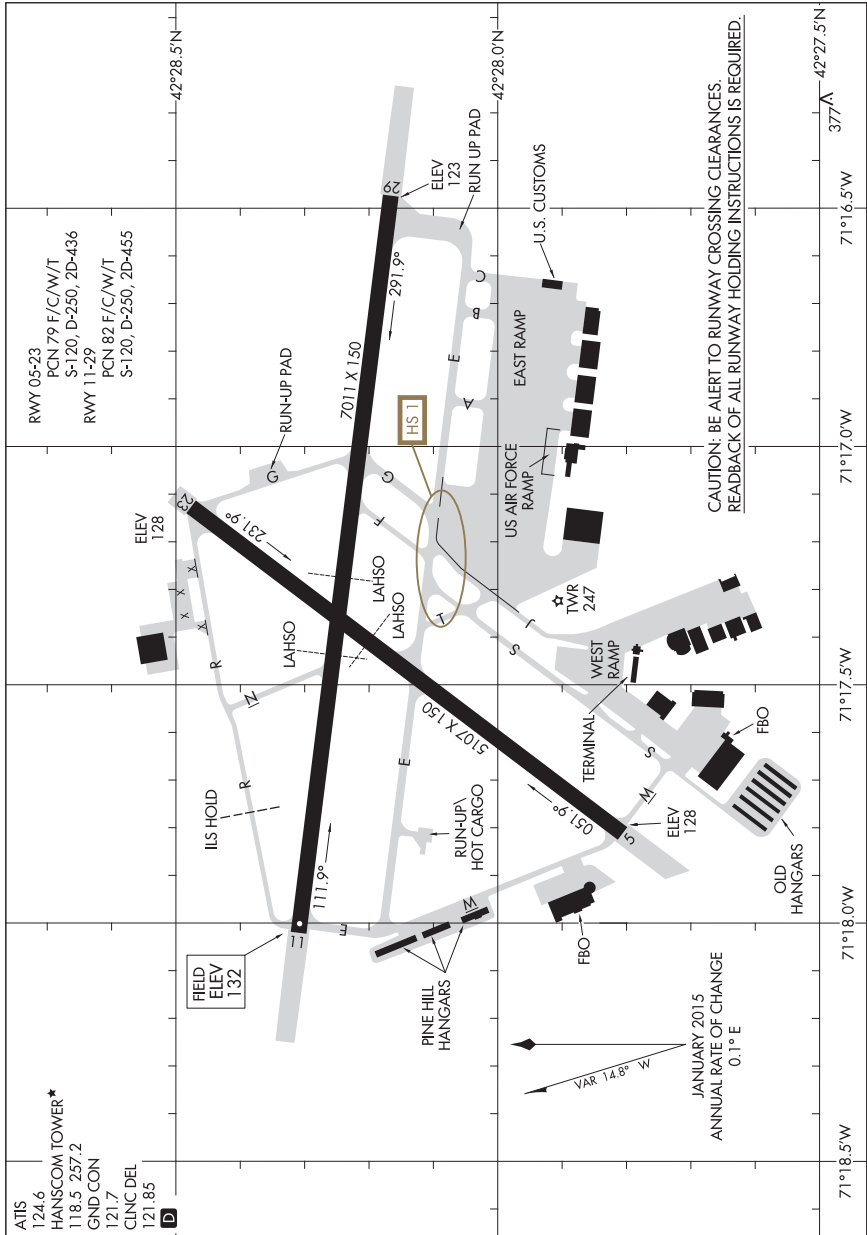
17229

AIRPORT DIAGRAM

AL-626 (FAA)

LAURENCE G. HANSCOM FIELD (B/E/D)

BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

17229

BEDFORD, MASSACHUSETTS

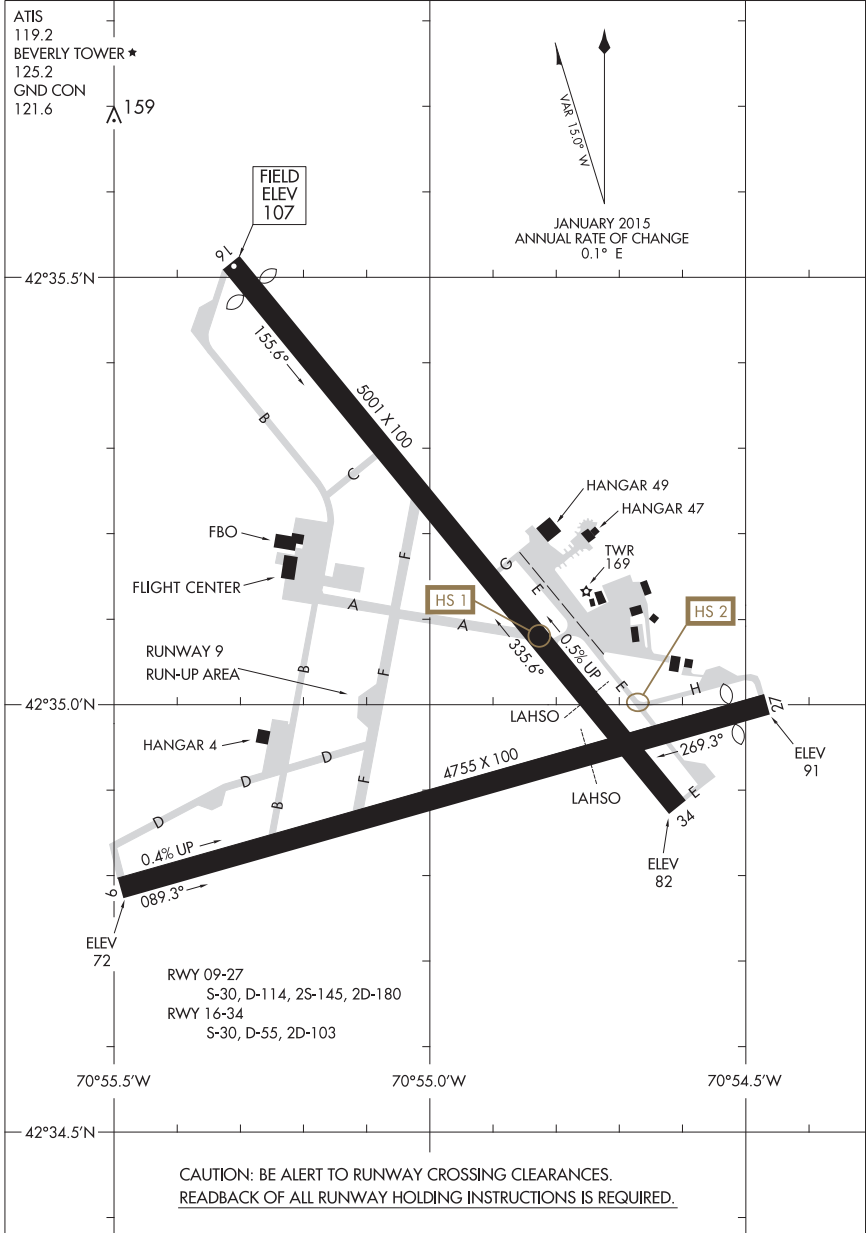
LAURENCE G. HANSCOM FIELD (B/E/D)

17061

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY RGNL (BVY)
BEVERLY, MASSACHUSETTS



AIRPORT DIAGRAM

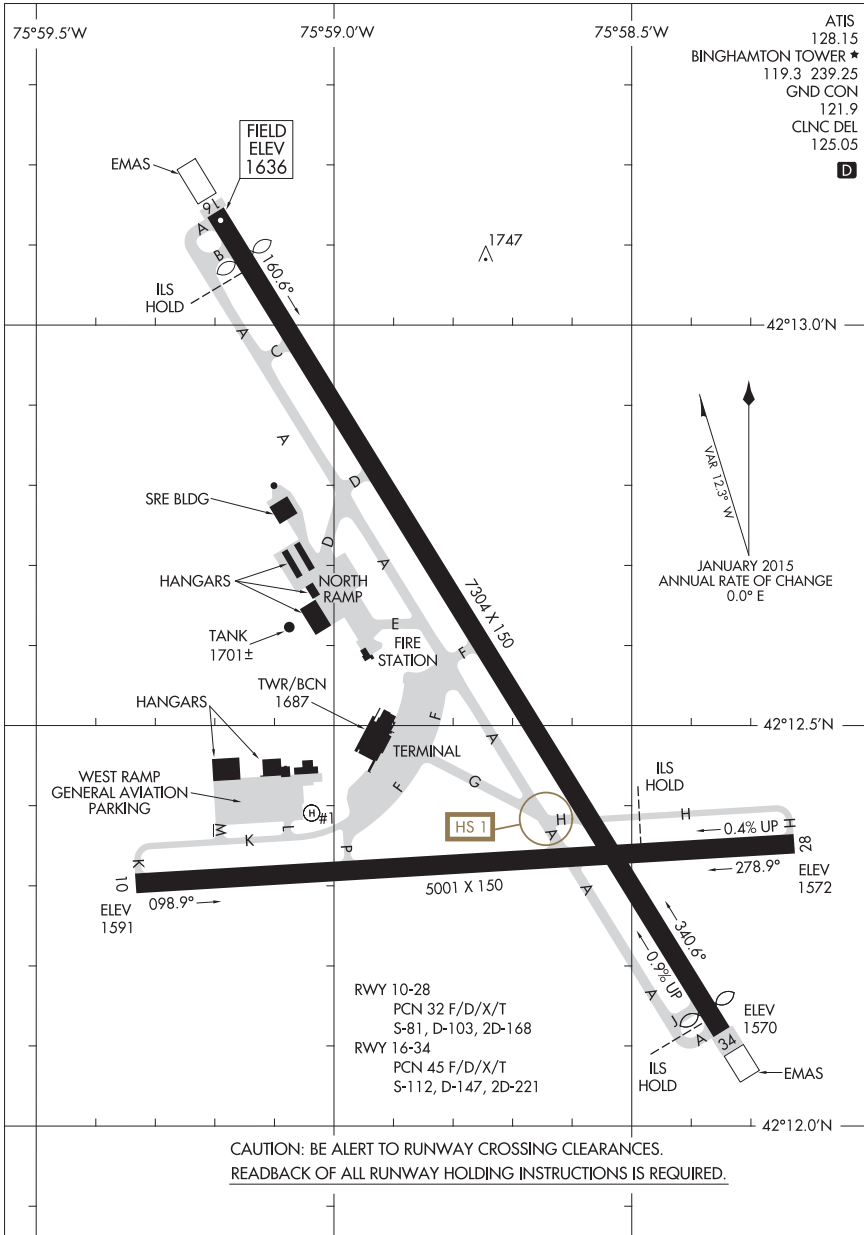
17061

BEVERLY, MASSACHUSETTS
BEVERLY RGNL (BVY)

17005

AIRPORT DIAGRAM

GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)
AL-20 (FAA)
BINGHAMTON, NEW YORK



AIRPORT DIAGRAM

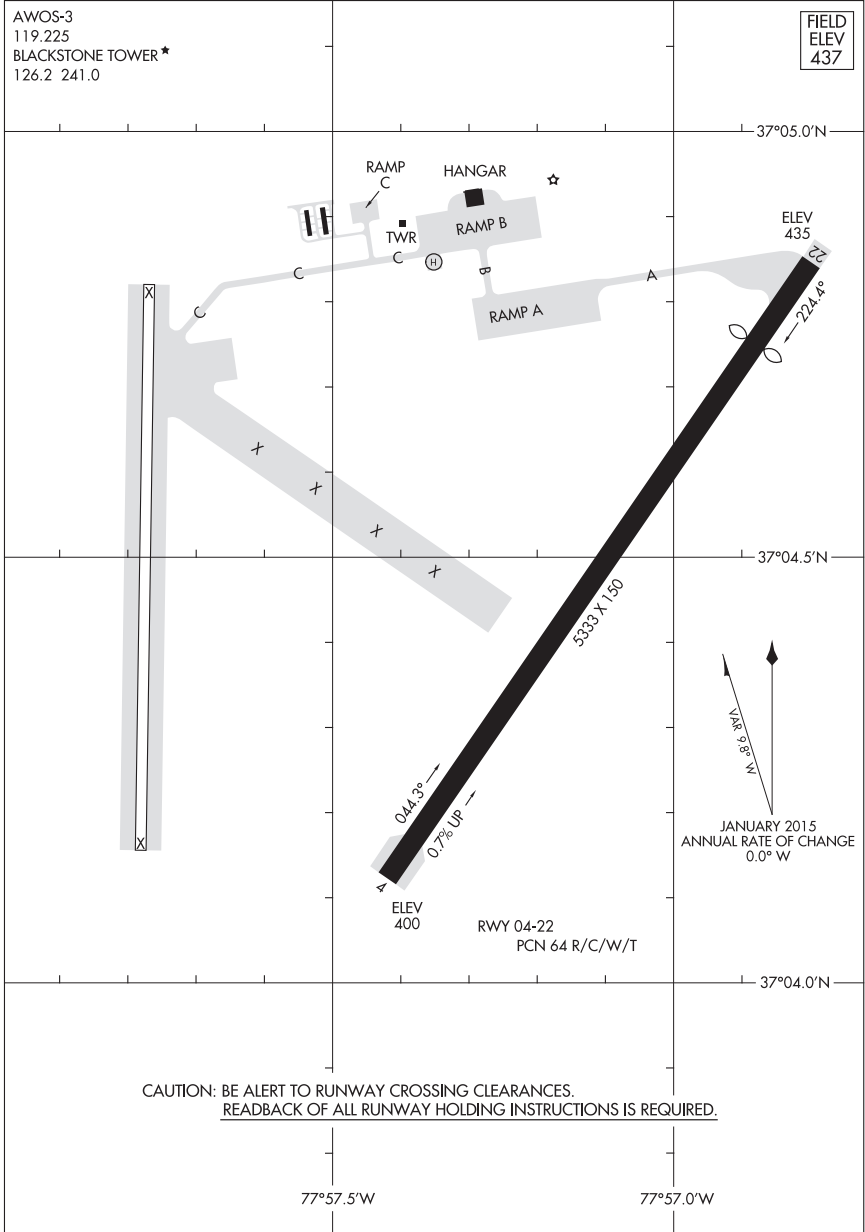
17005

BINGHAMTON, NEW YORK
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

15120

AIRPORT DIAGRAM

ALLEN C. PERKINSON BLACKSTONE AAF (BKT)
AL-52 (FAA)
BLACKSTONE, VIRGINIA



AIRPORT DIAGRAM

15120

BLACKSTONE, VIRGINIA
ALLEN C. PERKINSON BLACKSTONE AAF (BKT)

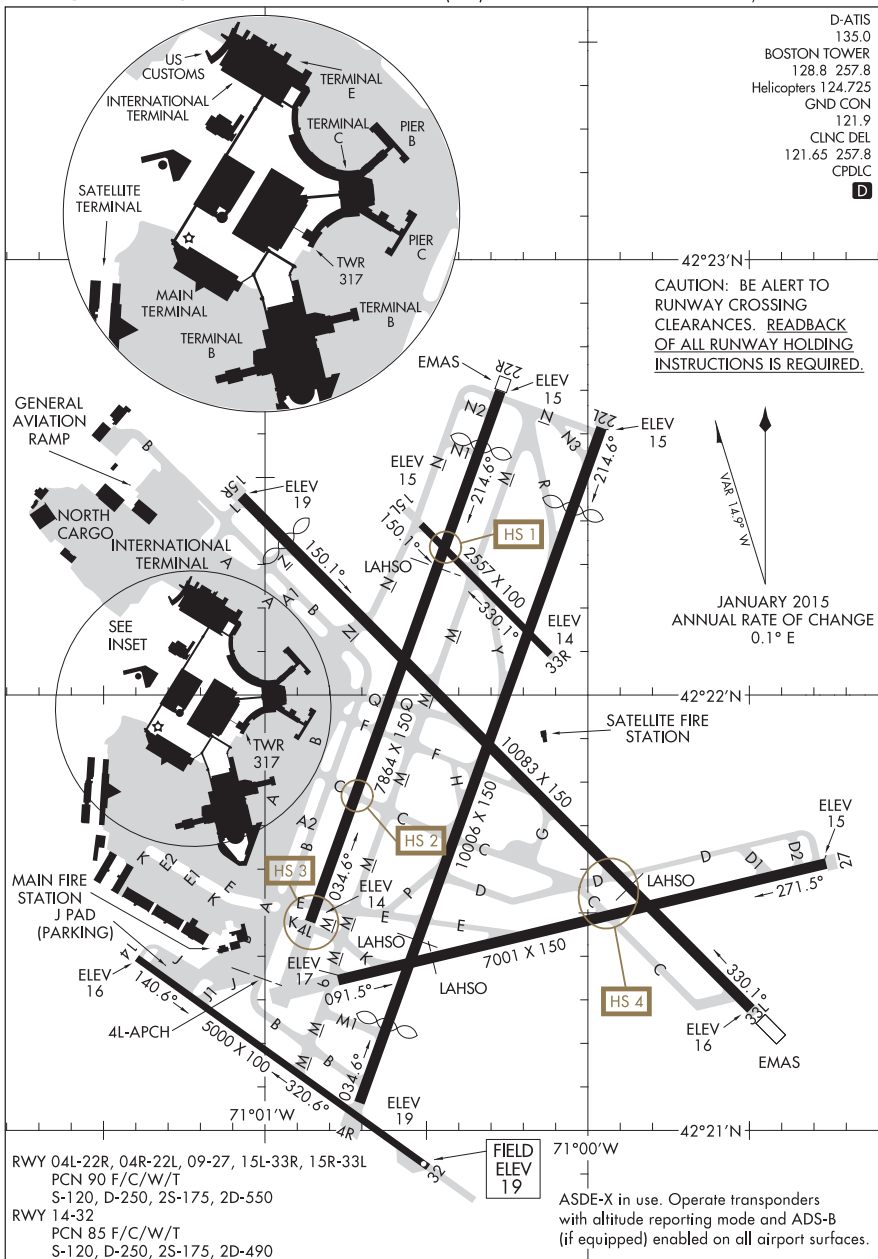
17229

AIRPORT DIAGRAM

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

AL-58 (FAA)

BOSTON, MASSACHUSETTS



AIRPORT DIAGRAM

17229

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

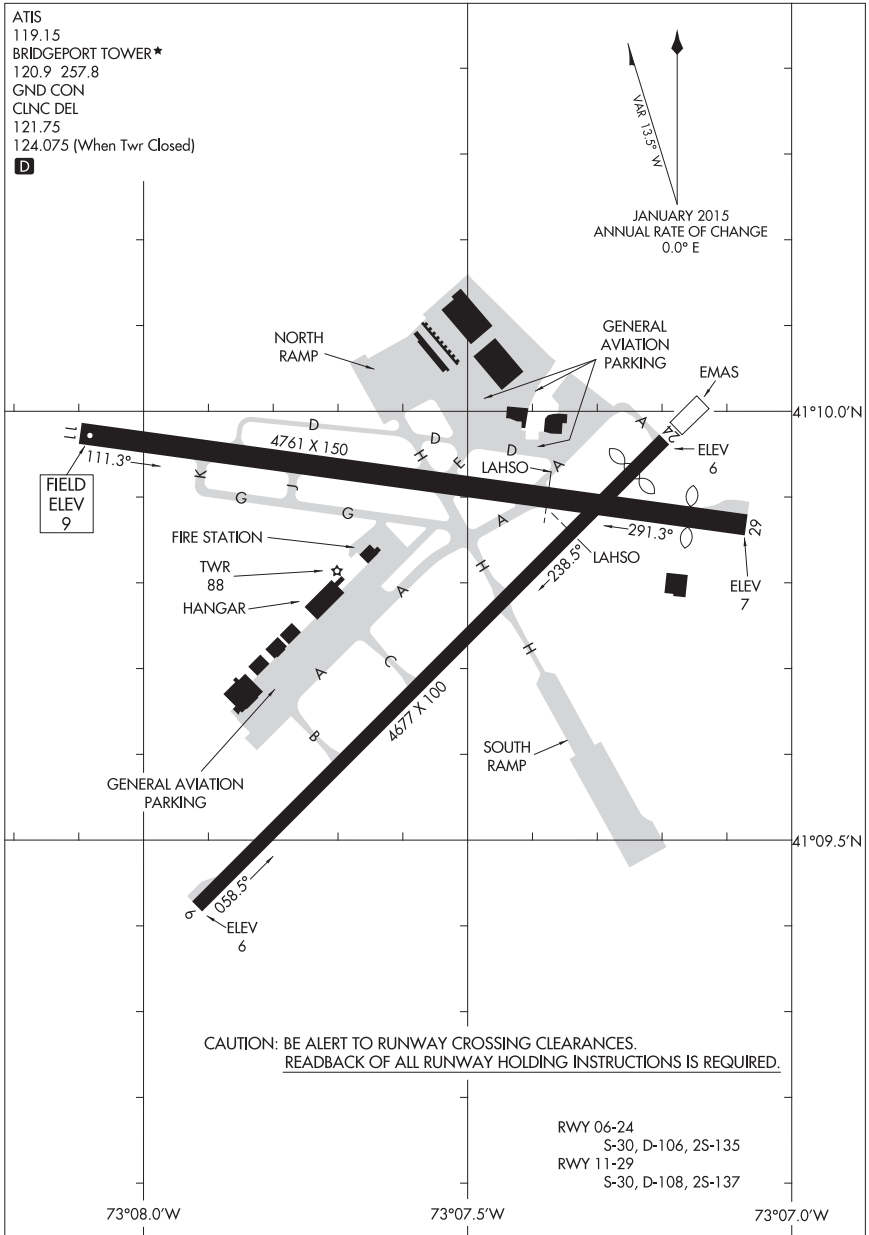
BOSTON, MASSACHUSETTS

17117

AIRPORT DIAGRAM

AL-621 (FAA)

IGOR I. SIKORSKY MEMORIAL (BDR)
BRIDGEPORT, CONNECTICUT



AIRPORT DIAGRAM

17117

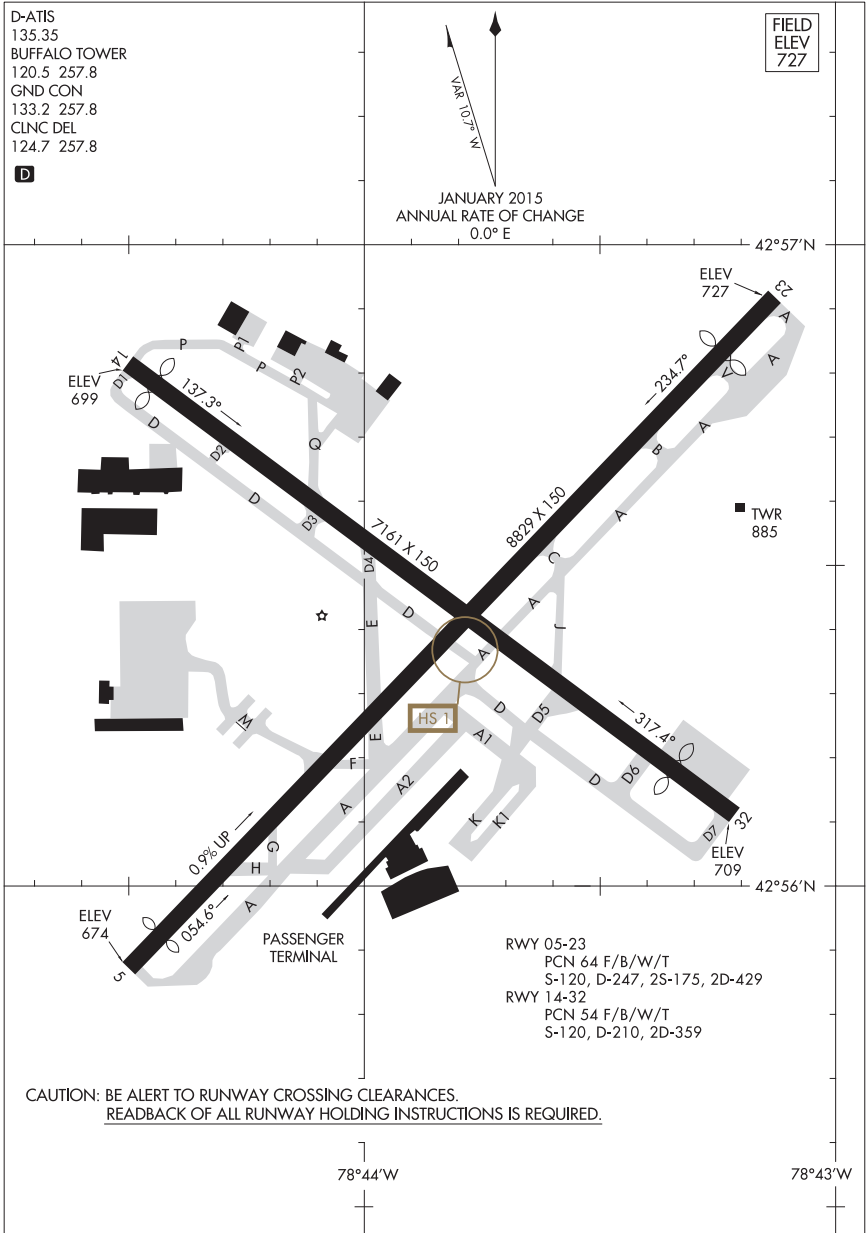
BRIDGEPORT, CONNECTICUT
IGOR I. SIKORSKY MEMORIAL (BDR)

17229

AIRPORT DIAGRAM

BUFFALO NIAGARA INTL (BUF)

BUFFALO, NEW YORK



AIRPORT DIAGRAM

17229

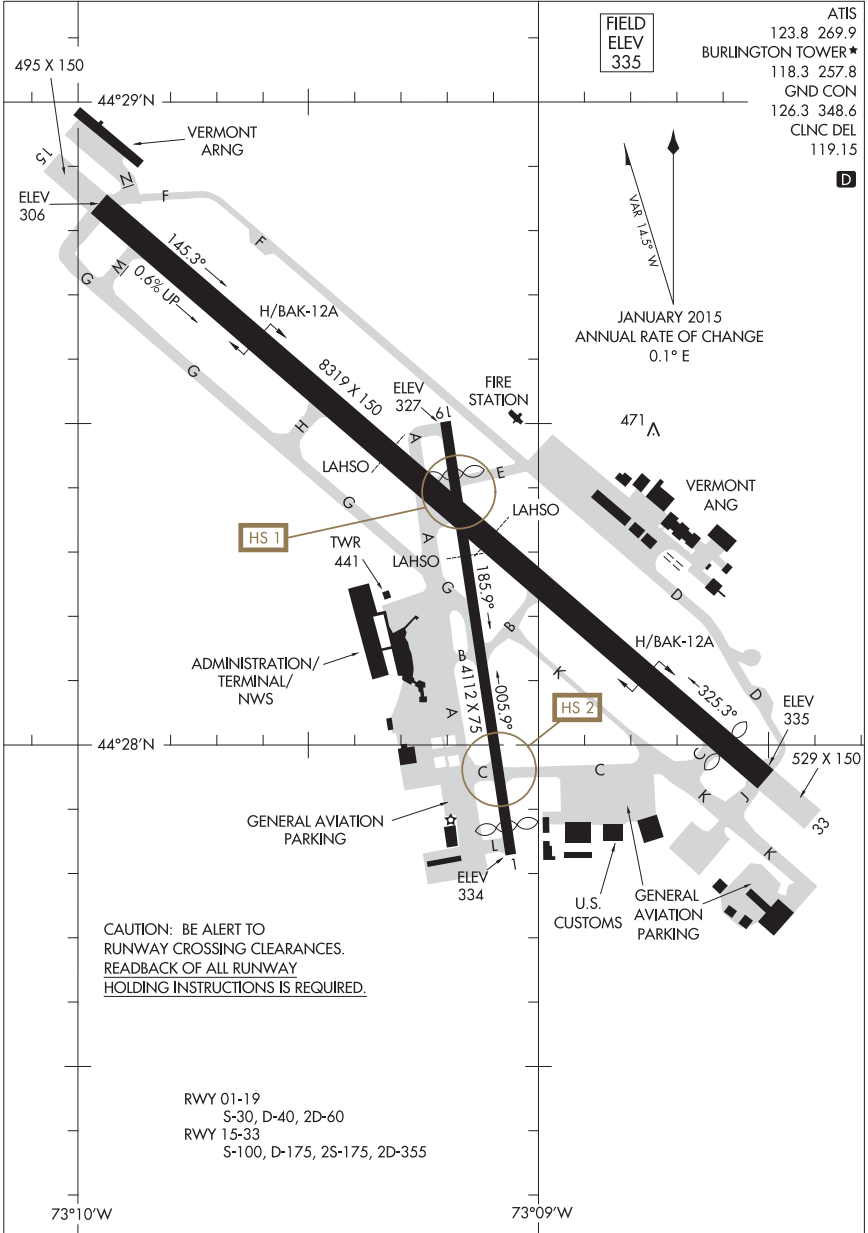
BUFFALO, NEW YORK

BUFFALO NIAGARA INTL (BUF)

17173
AIRPORT DIAGRAM

AL-70 (FAA)

BURLINGTON INTL (BTV)
BURLINGTON, VERMONT



AIRPORT DIAGRAM
17173

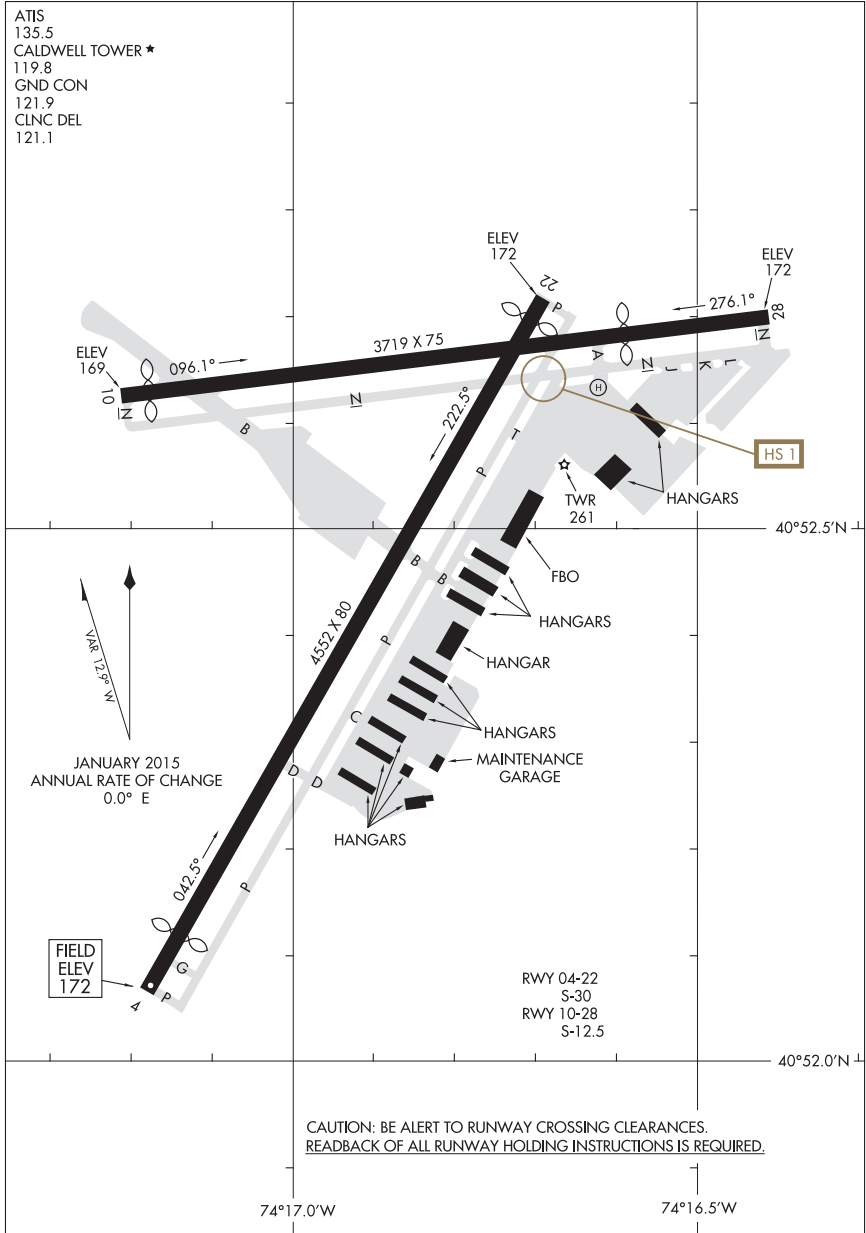
BURLINGTON, VERMONT
BURLINGTON INTL (BTV)

15232

AIRPORT DIAGRAM

AL-5275 (FAA)

ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY



AIRPORT DIAGRAM

15232

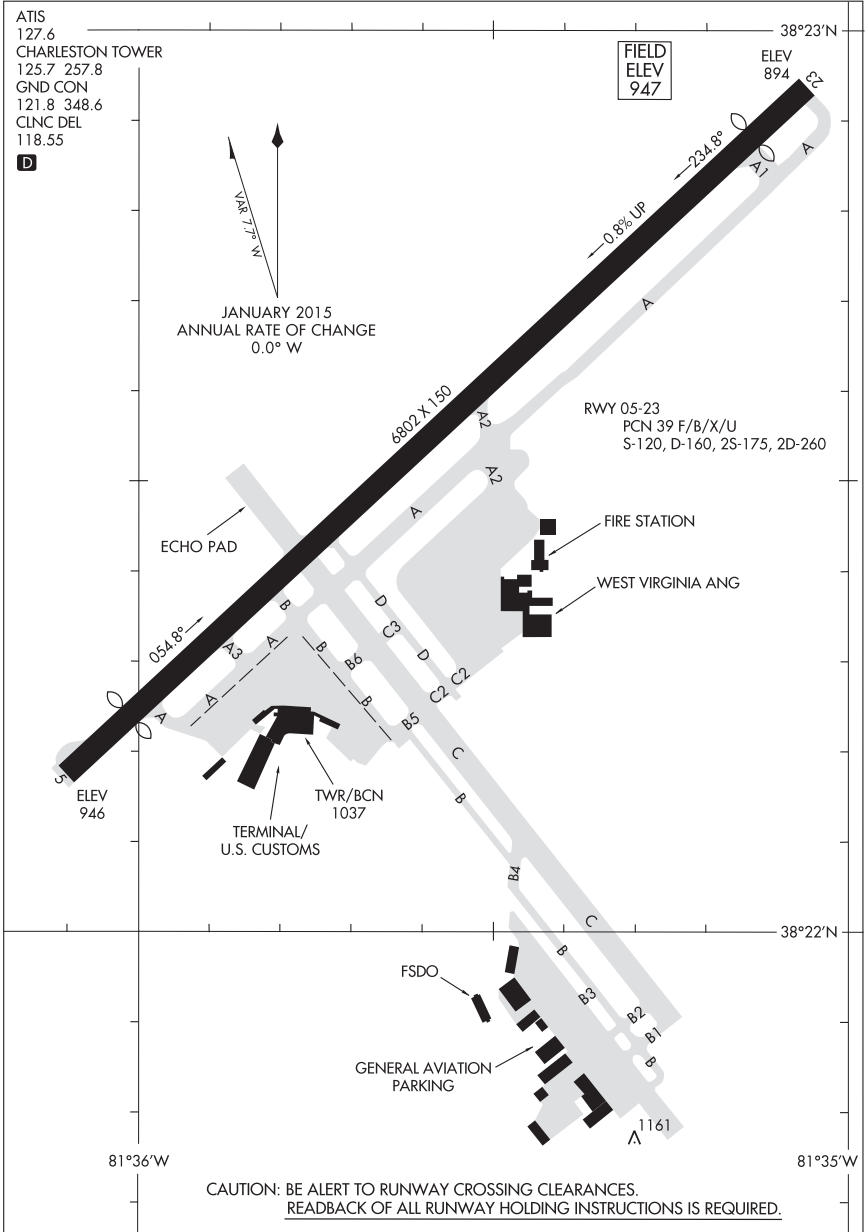
CALDWELL, NEW JERSEY
ESSEX COUNTY (CDW)

15344

AIRPORT DIAGRAM

AL-852 (FAA)

YEAGER (CRW)
CHARLESTON, WEST VIRGINIA



AIRPORT DIAGRAM

15344

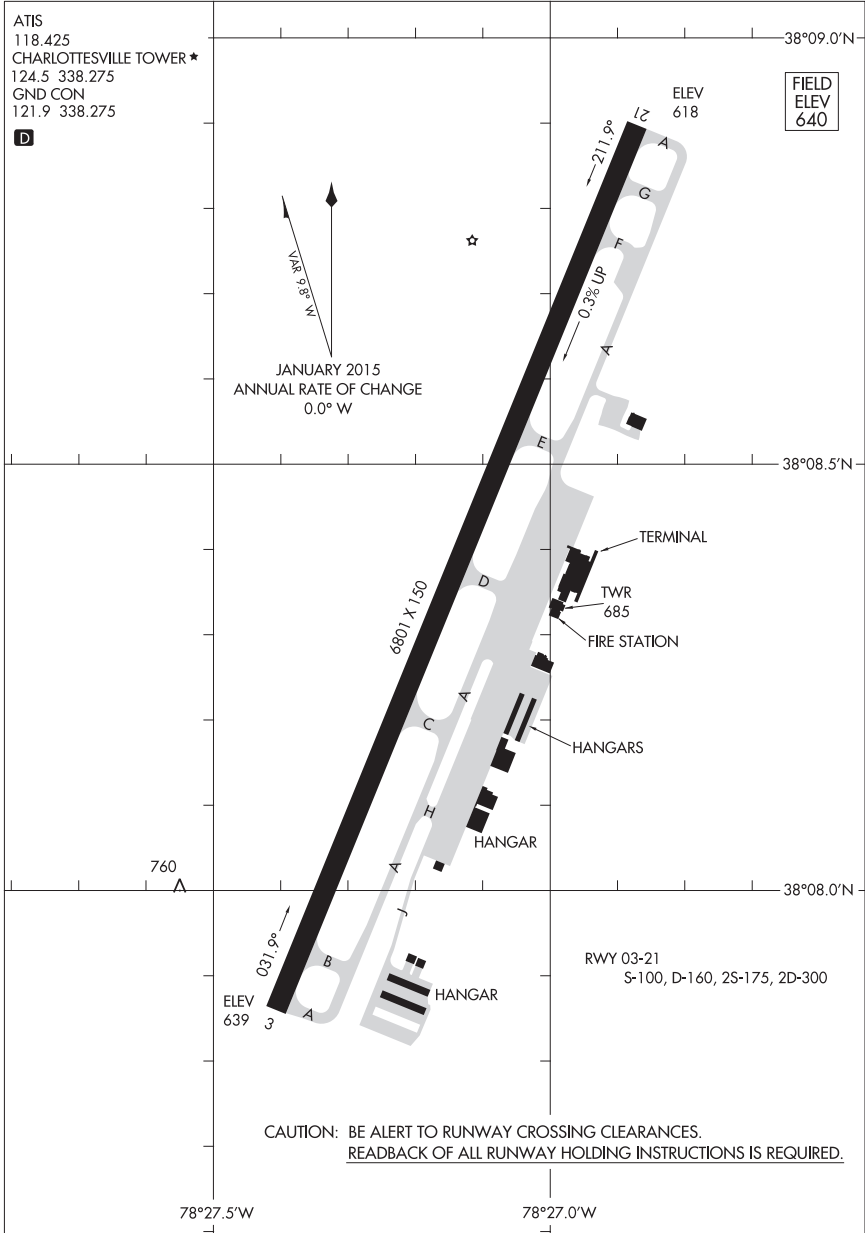
CHARLESTON, WEST VIRGINIA
YEAGER (CRW)

17229

AIRPORT DIAGRAM

AL-765 (FAA)

CHARLOTTESVILLE-ALBEMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA



AIRPORT DIAGRAM

17229

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBEMARLE (CHO)

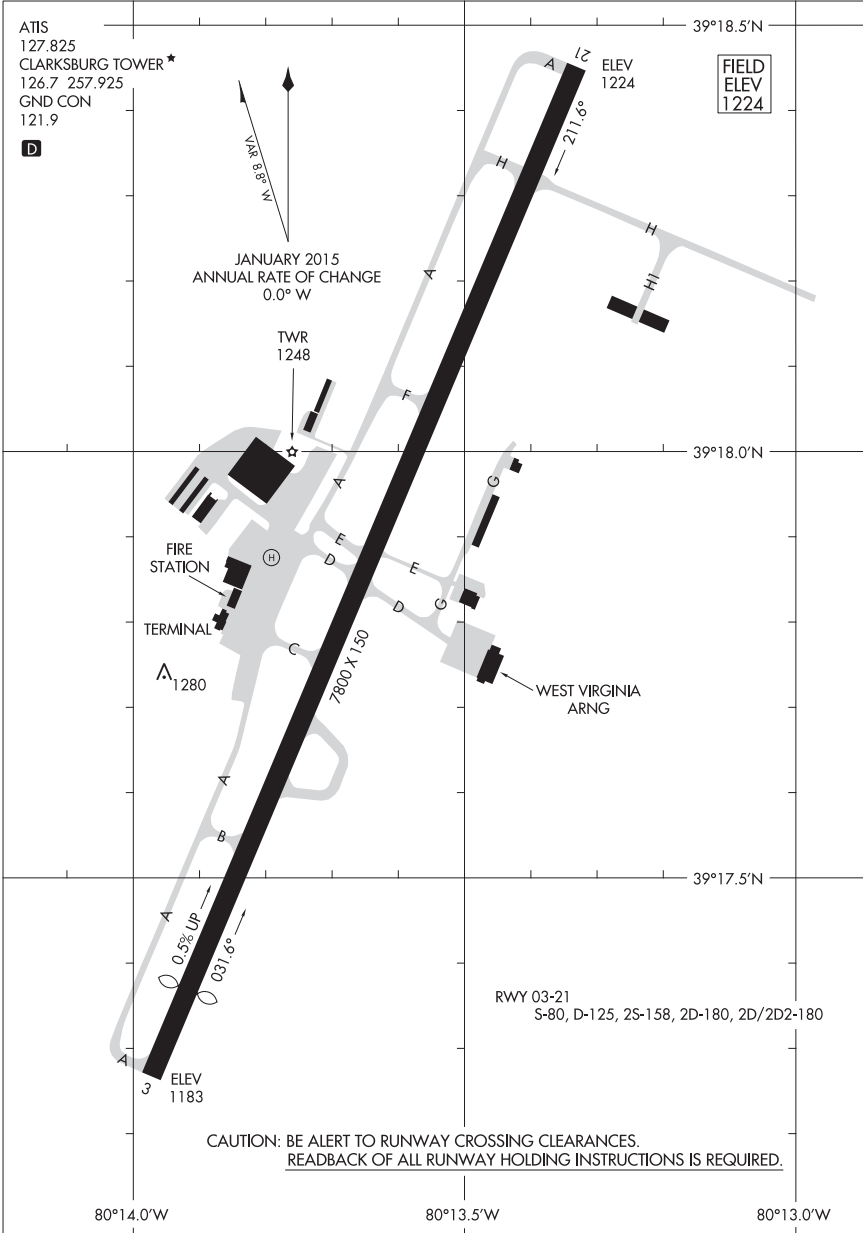
16147

AIRPORT DIAGRAM

NORTH CENTRAL WEST VIRGINIA (CKB)

AL-616 (FAA)

CLARKSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

16147

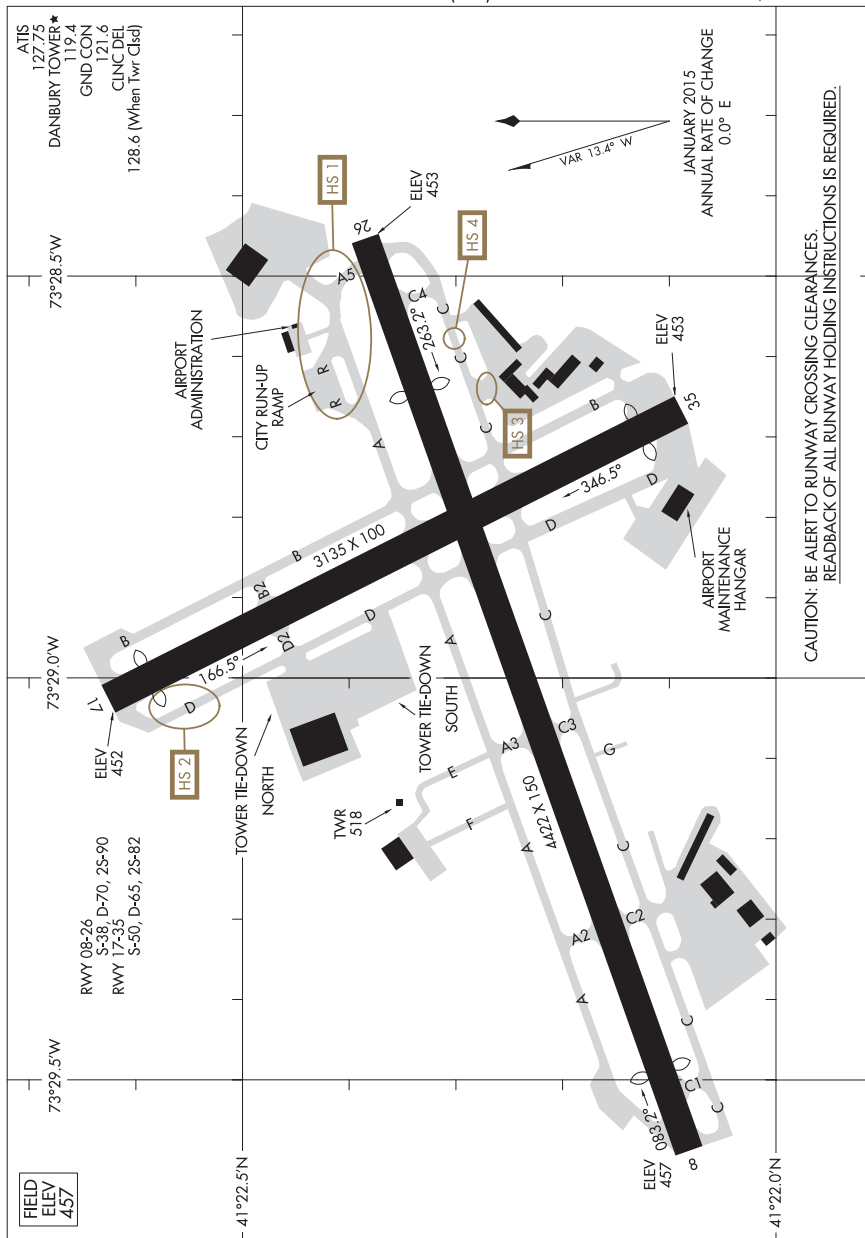
CLARKSBURG, WEST VIRGINIA
NORTH CENTRAL WEST VIRGINIA (CKB)

17173

AIRPORT DIAGRAM

AL-5272 (FAA)

DANBURY MUNI (DXR)
DANBURY, CONNECTICUT



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
REARBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

17173

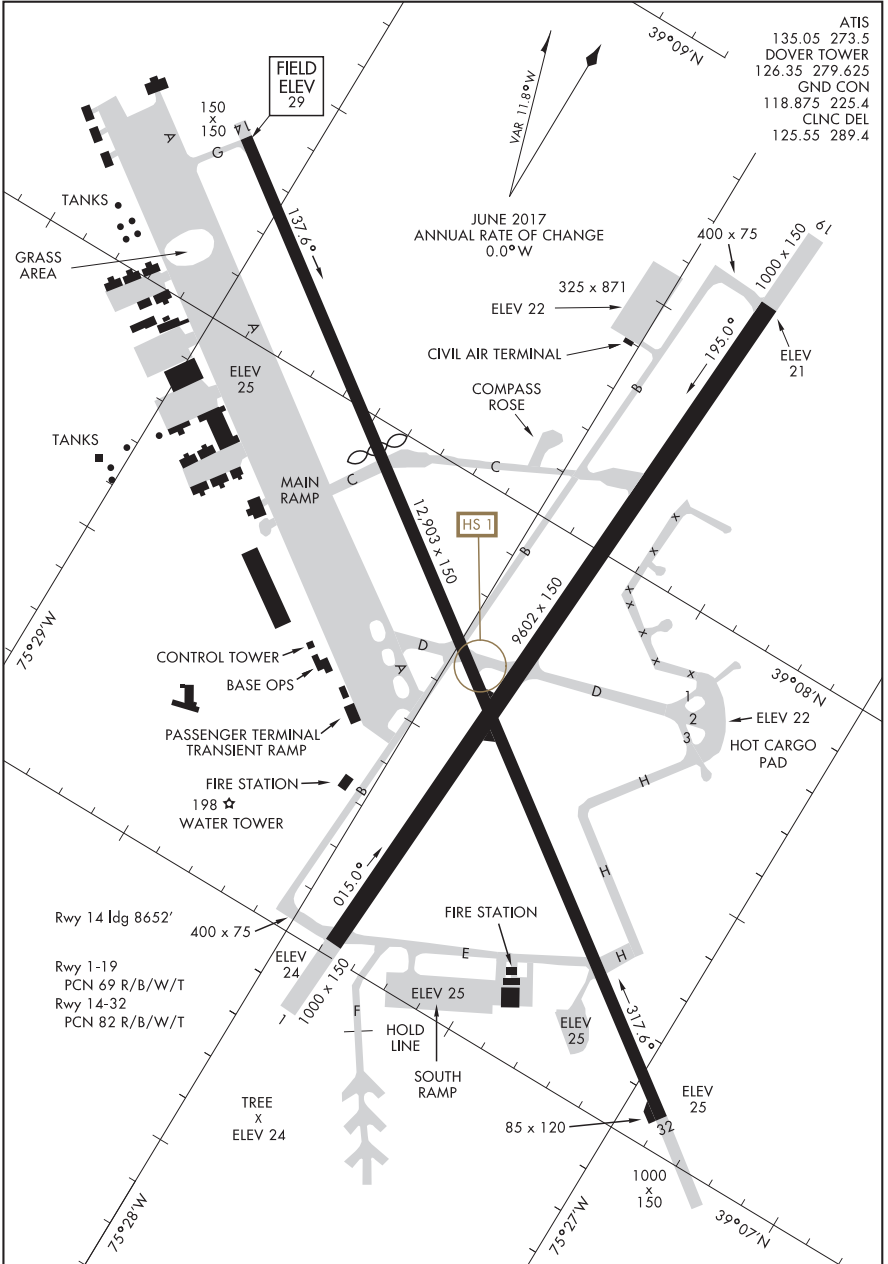
17173

AIRPORT DIAGRAM

AFD-562 [USAF]

DOVER AFB (KDOV)

DOVER, DELAWARE



ATIS 135.05 273.5
 DOVER TOWER 126.35 279.625
 GND CON 118.875 225.4
 CLNC DEL 125.55 289.4

AIRPORT DIAGRAM

DOVER, DELAWARE

DOVER AFB (KDOV)

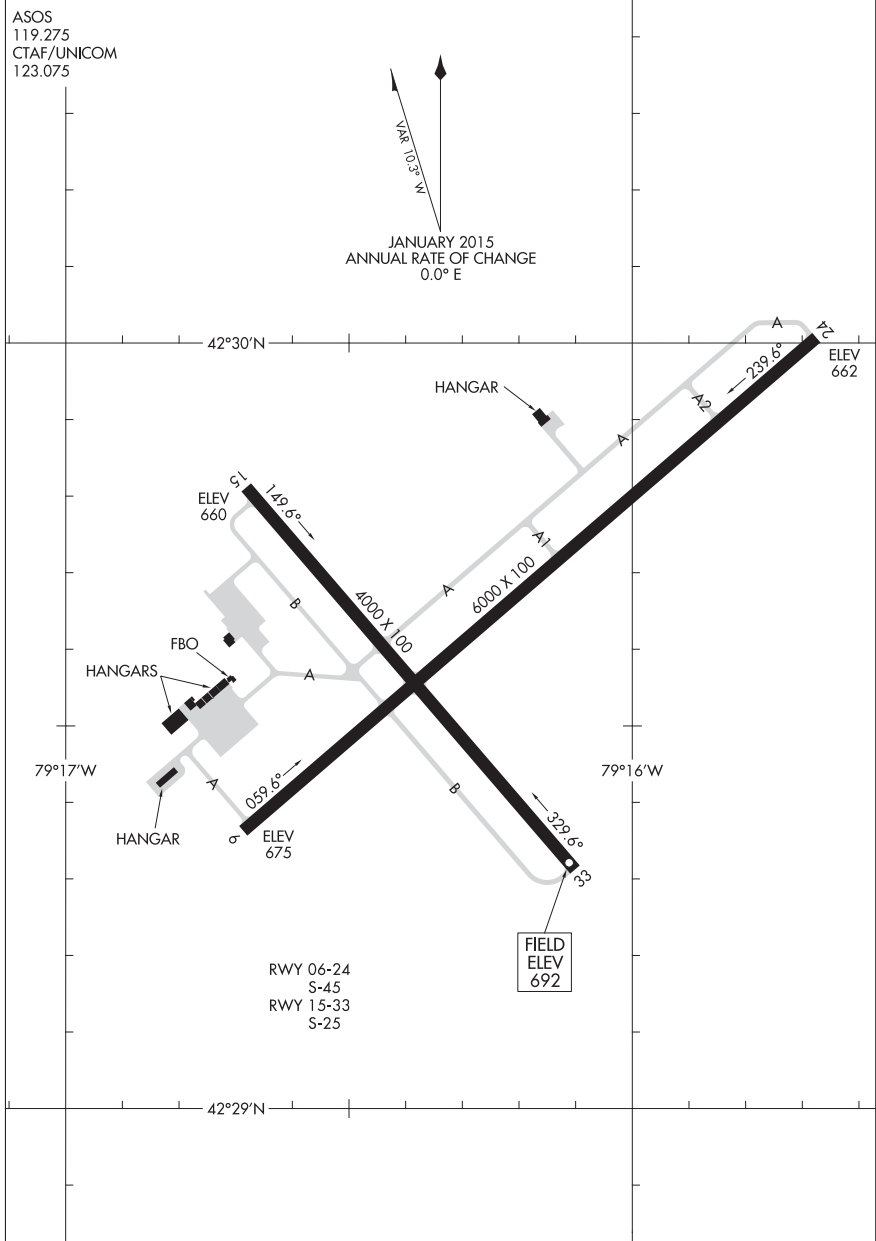
17061

CHAUTAUQUA COUNTY/DUNKIRK (DXX)

AIRPORT DIAGRAM

AL-880 (FAA)

DUNKIRK, NY



AIRPORT DIAGRAM

17061

CHAUTAUQUA COUNTY/DUNKIRK (DXX)

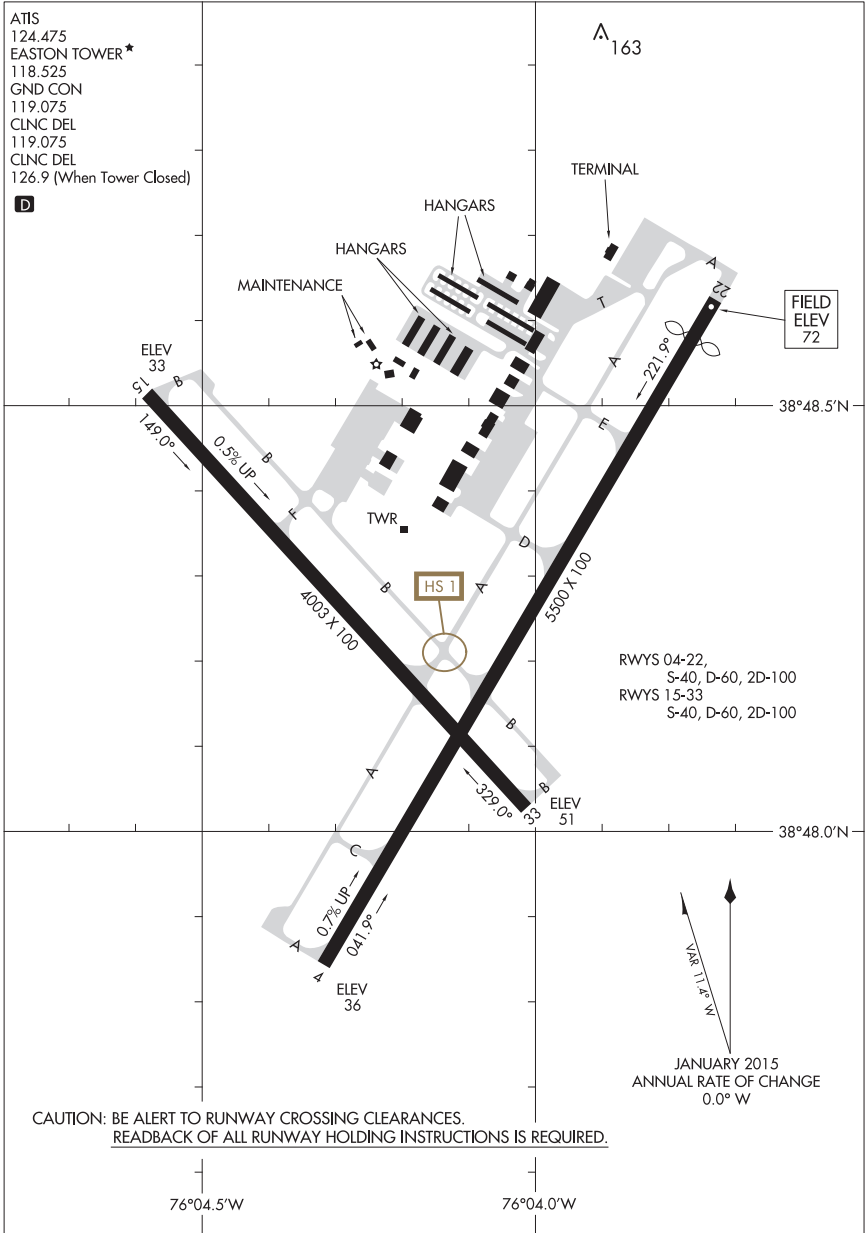
DUNKIRK, NY

15064

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FIELD (ESN)
EASTON, MARYLAND



AIRPORT DIAGRAM

15064

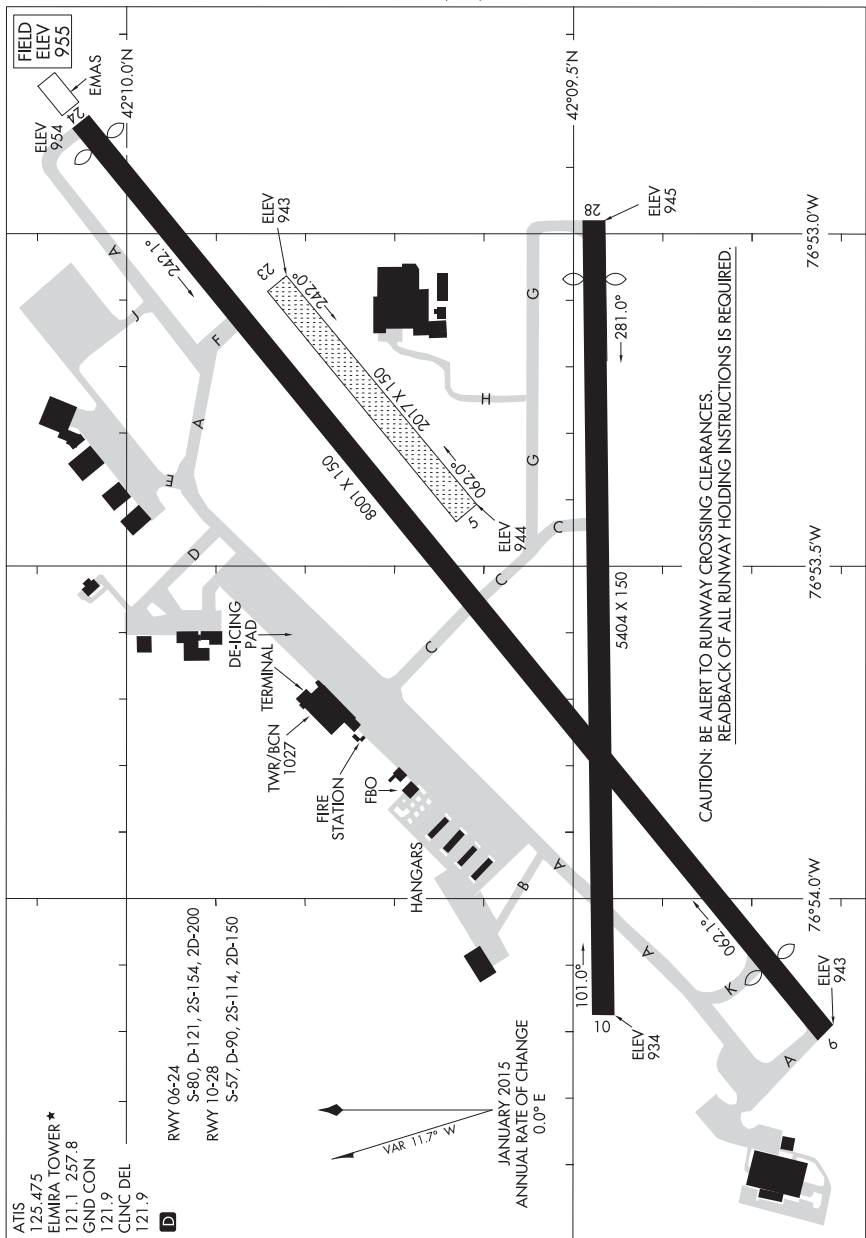
EASTON, MARYLAND
EASTON/NEWNAM FIELD (ESN)

15064

AIRPORT DIAGRAM

AL-131 (FAA)

ELMIRA/CORNING RGNL (E.L.M.)
ELMIRA, NEW YORK



AIRPORT DIAGRAM

15064

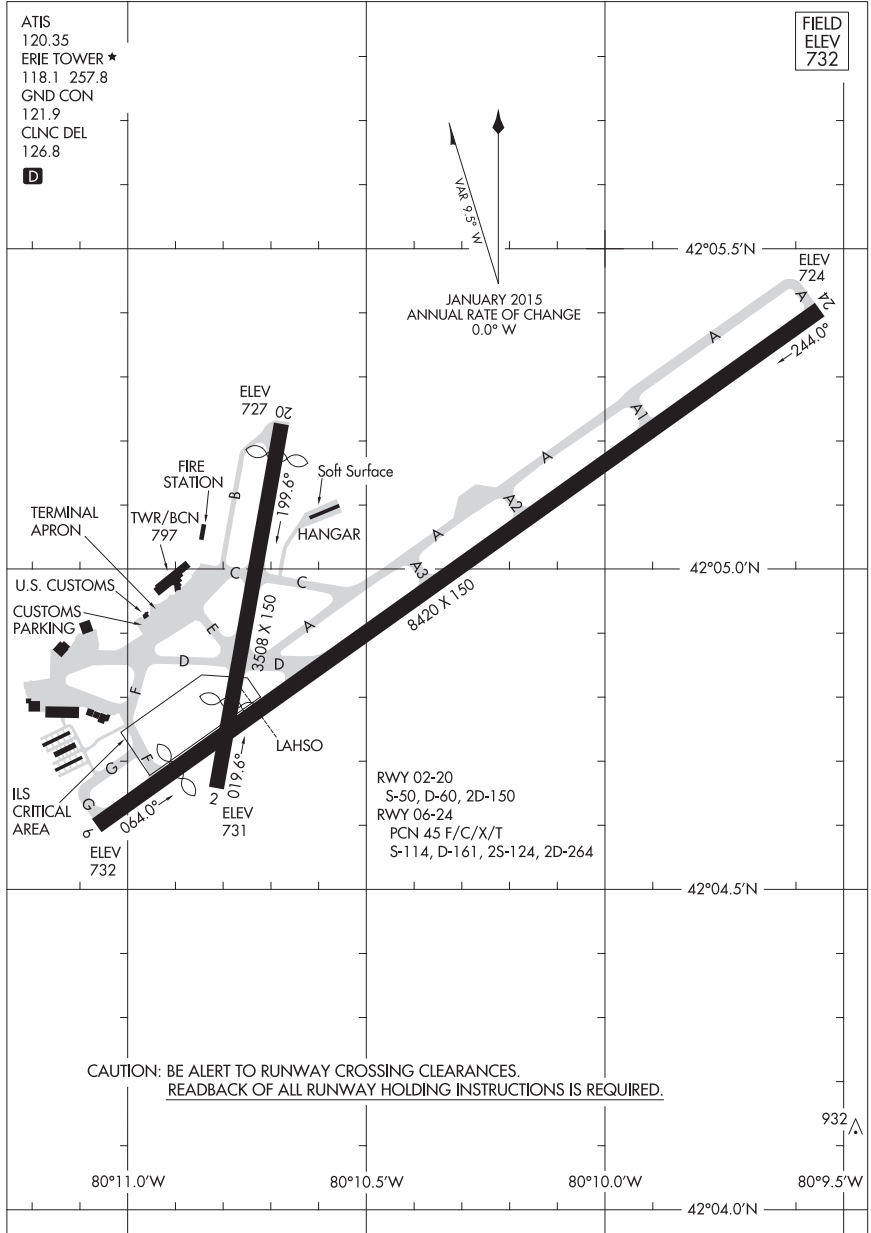
ELMIRA, NEW YORK
ELMIRA/CORNING RGNL (E.L.M.)

17061

AIRPORT DIAGRAM

AL-139 (FAA)

ERIE INTL/TOM RIDGE FIELD (E.R.I)
ERIE, PENNSYLVANIA



AIRPORT DIAGRAM

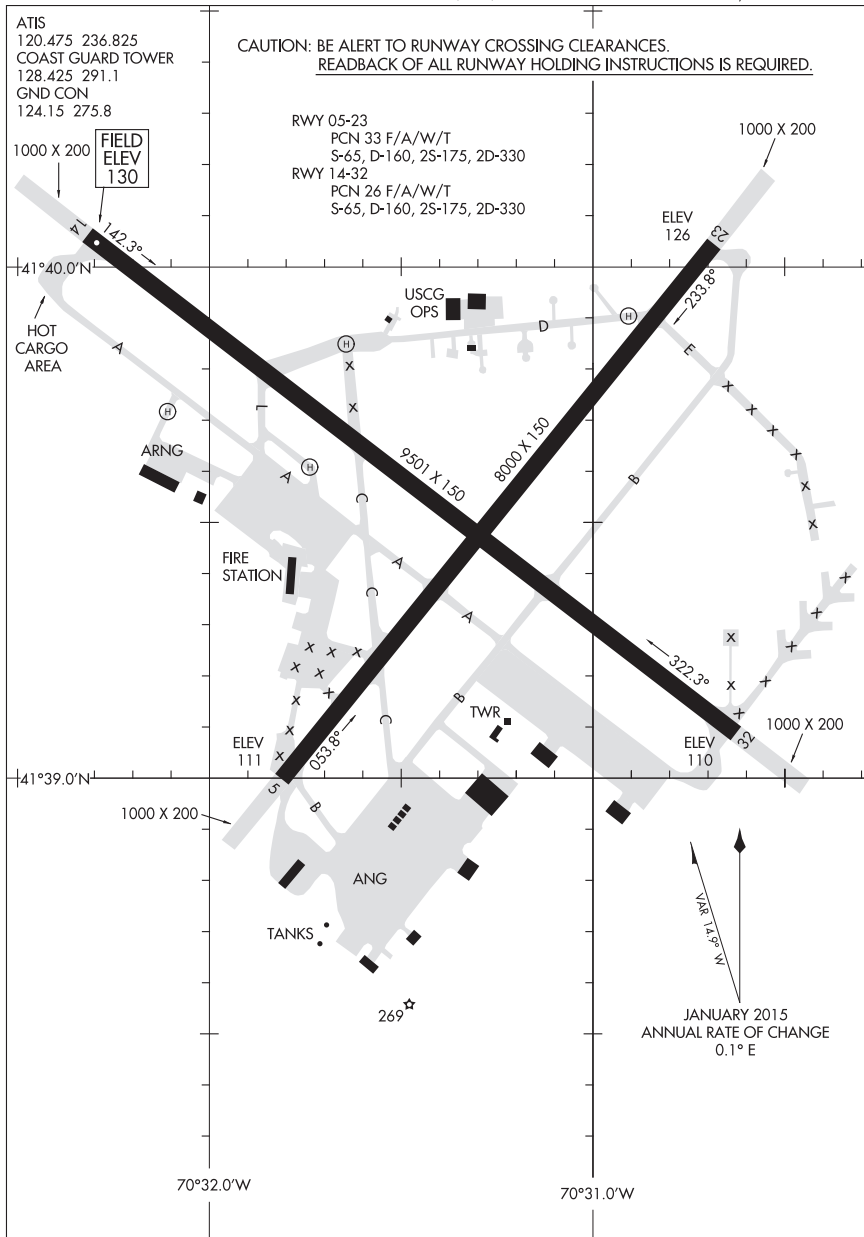
17061

ERIE, PENNSYLVANIA
ERIE INTL/TOM RIDGE FIELD (E.R.I)

15120

AIRPORT DIAGRAM

CAPE COD COAST GUARD AIR STATION (F'MH)
AL-10362 (FAA) FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM

15120

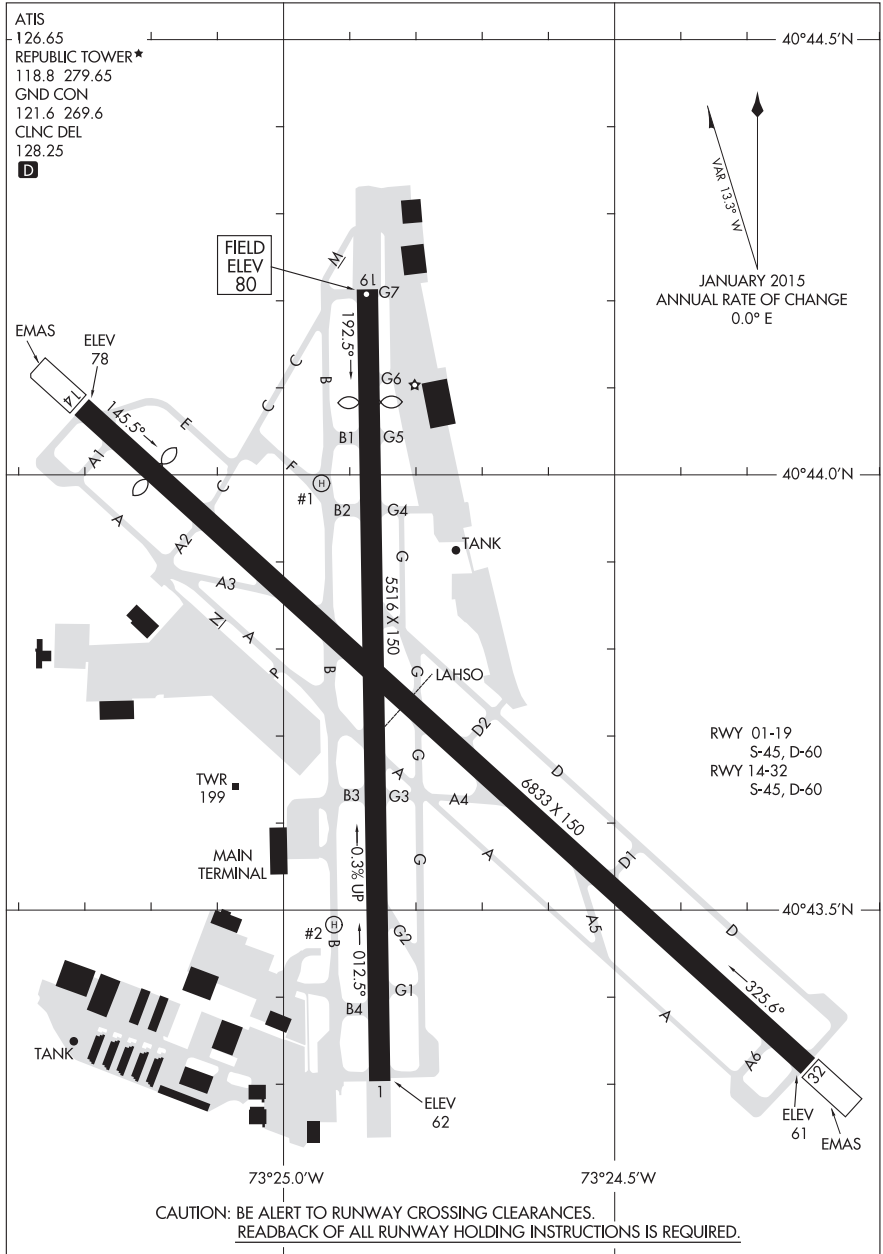
FALMOUTH, MASSACHUSETTS
CAPE COD COAST GUARD AIR STATION (F'MH)

15288

AIRPORT DIAGRAM

AL-704 (FAA)

REPUBLIC (F.R.G)
FARMINGDALE, NEW YORK



AIRPORT DIAGRAM

FARMINGDALE, NEW YORK
REPUBLIC (F.R.G)

15288

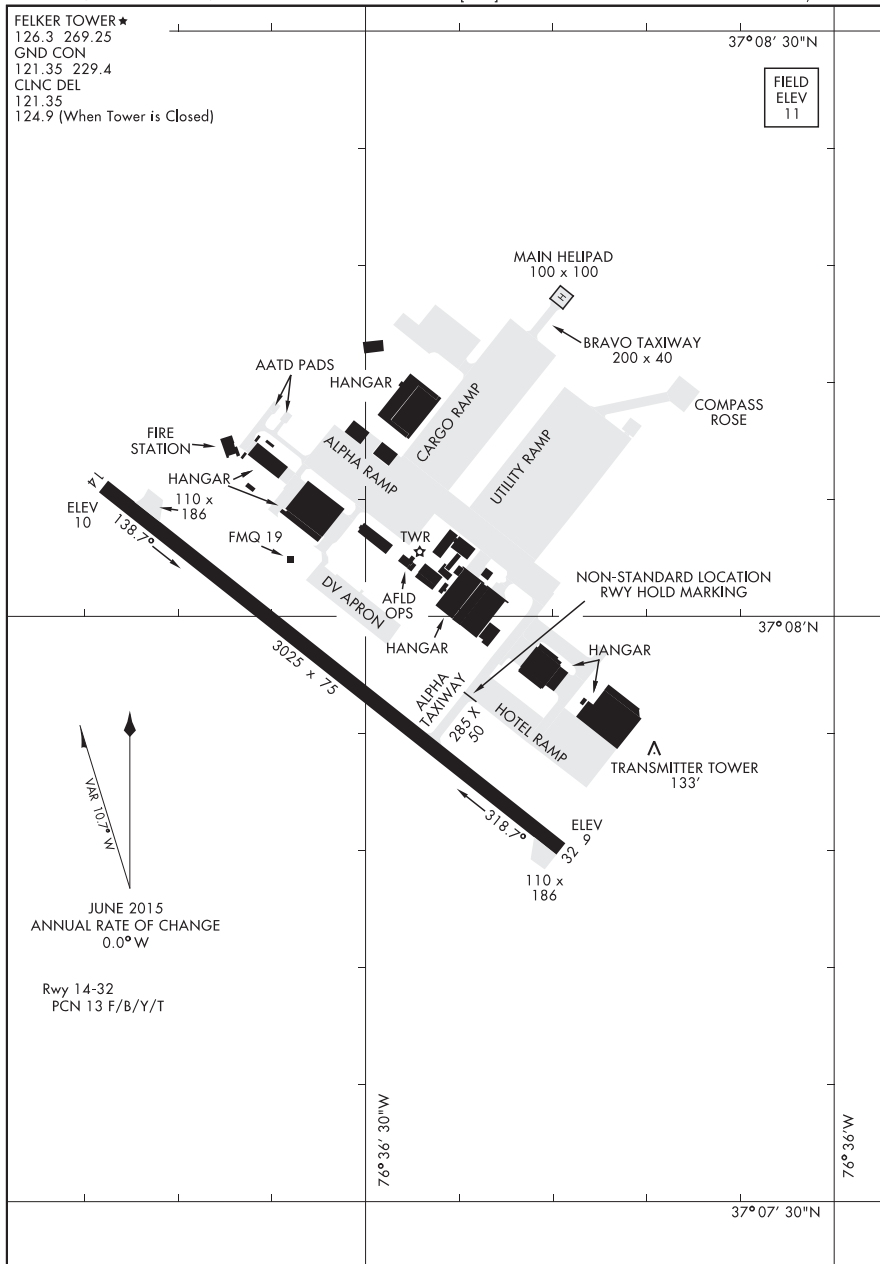
15176

FELKER AAF (KFAF)

AIRPORT DIAGRAM

AFD-5211 [USA]

FORT EUSTIS, VIRGINIA



AIRPORT DIAGRAM

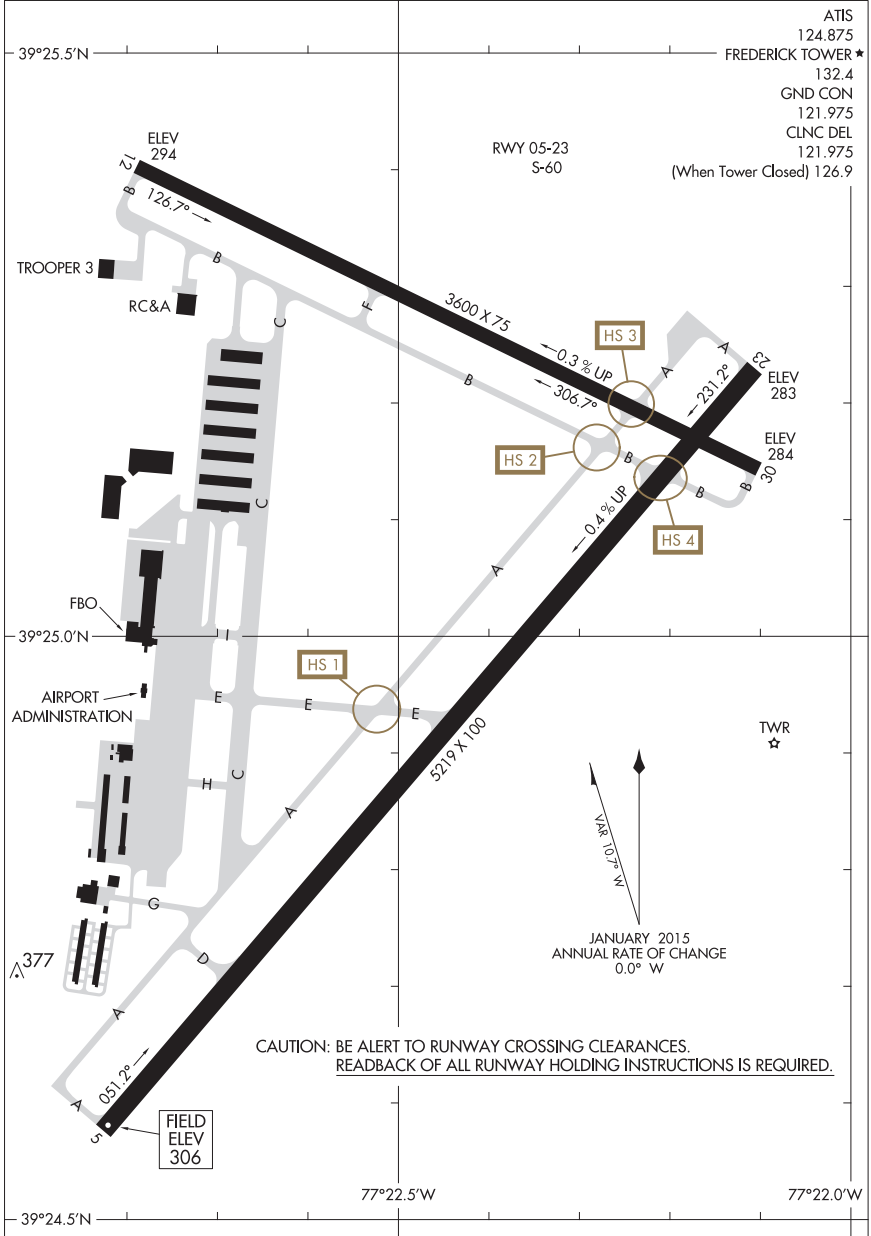
FORT EUSTIS, VIRGINIA

FELKER AAF (KFAF)

16147
AIRPORT DIAGRAM

AL-5089 (FAA)

FREDERICK MUNI (F'DK)
FREDERICK, MARYLAND



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

16147
AIRPORT DIAGRAM

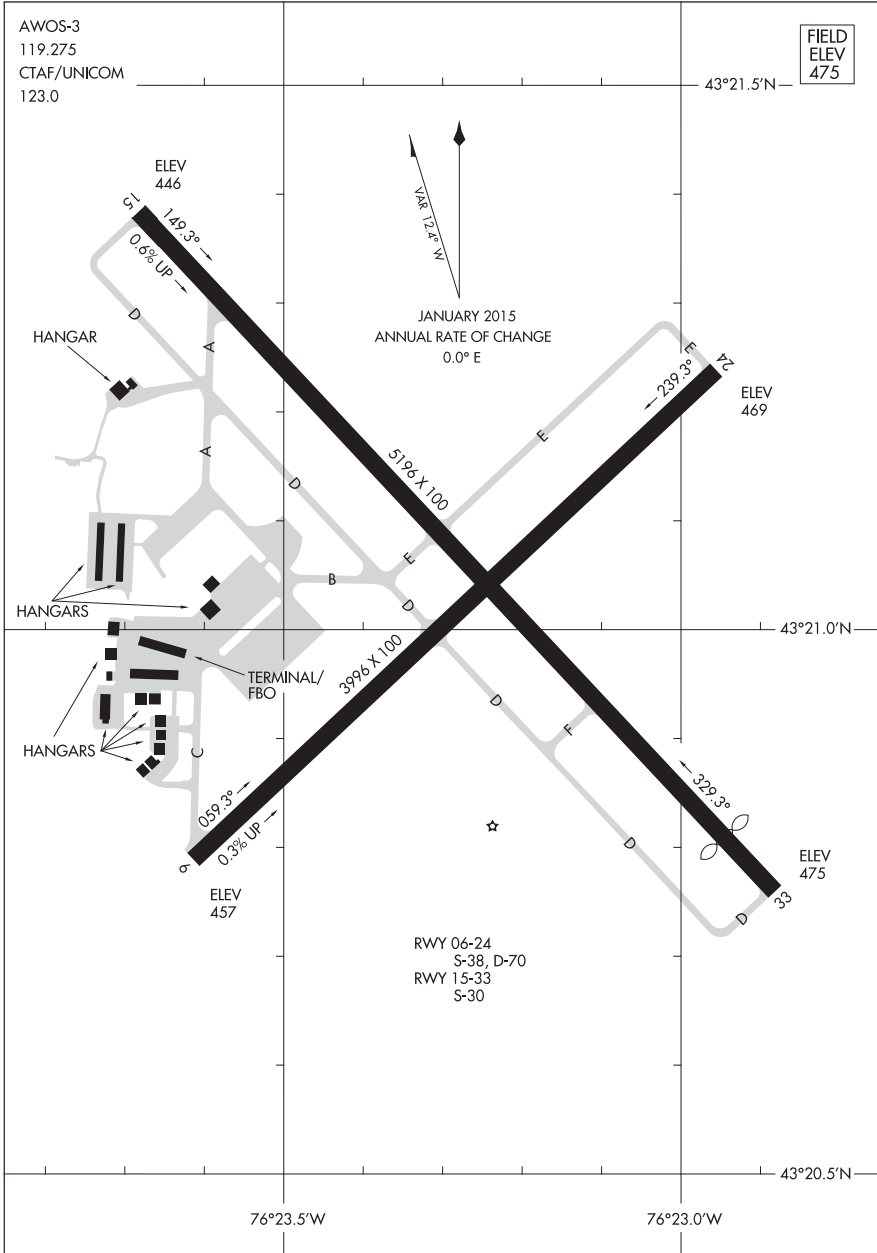
FREDERICK, MARYLAND
FREDERICK MUNI (F'DK)

17117

AIRPORT DIAGRAM

AL-5518 (FAA)

OSWEGO COUNTY (F'ZY)
FULTON, NEW YORK



AIRPORT DIAGRAM
17117

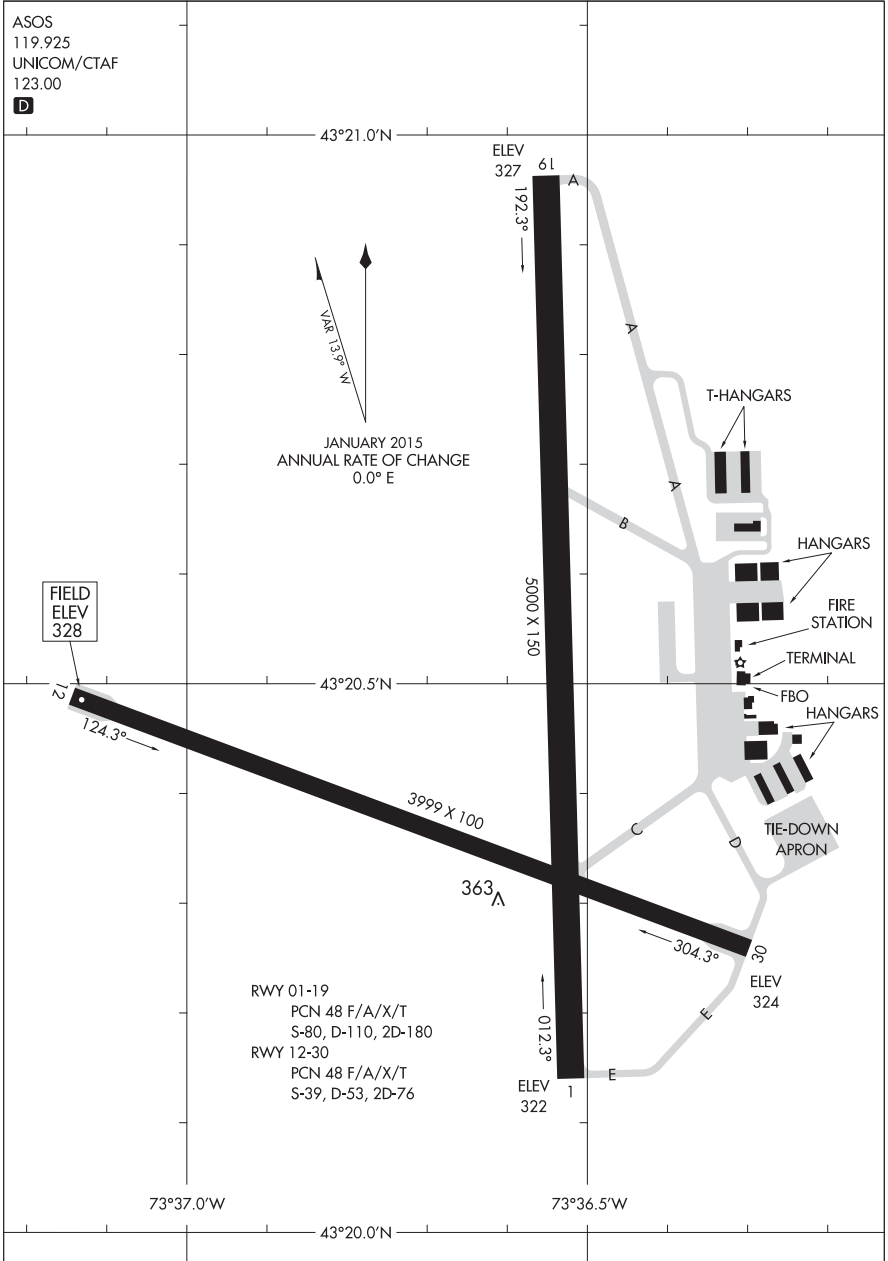
FULTON, NEW YORK
OSWEGO COUNTY (F'ZY)

17061

AIRPORT DIAGRAM

AL-673 (FAA)

FLOYD BENNETT MEMORIAL (G.F.L.)
GLENS FALLS, NEW YORK



AIRPORT DIAGRAM

17061

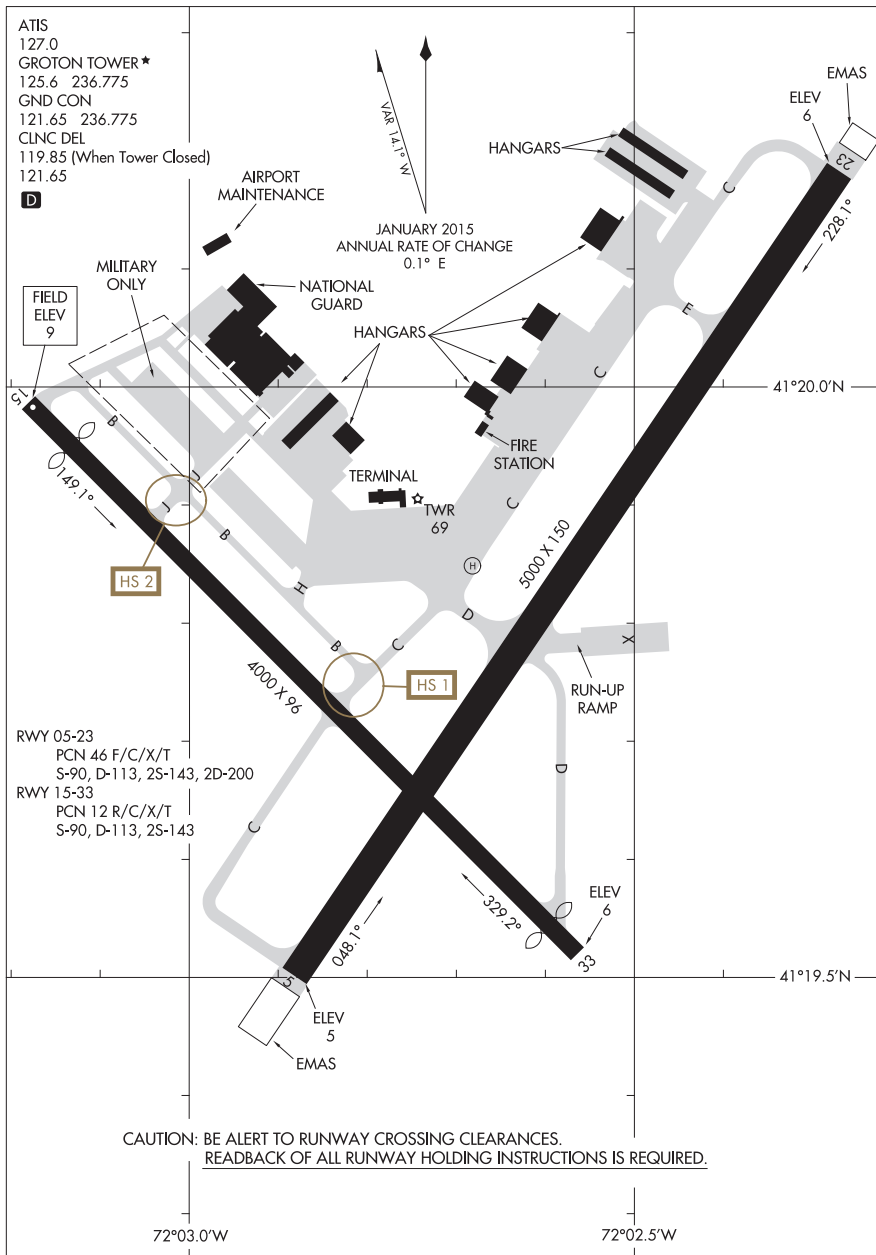
GLENS FALLS, NEW YORK
FLOYD BENNETT MEMORIAL (G.F.L.)

17005

AIRPORT DIAGRAM

AL-5049 (FAA)

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT



AIRPORT DIAGRAM

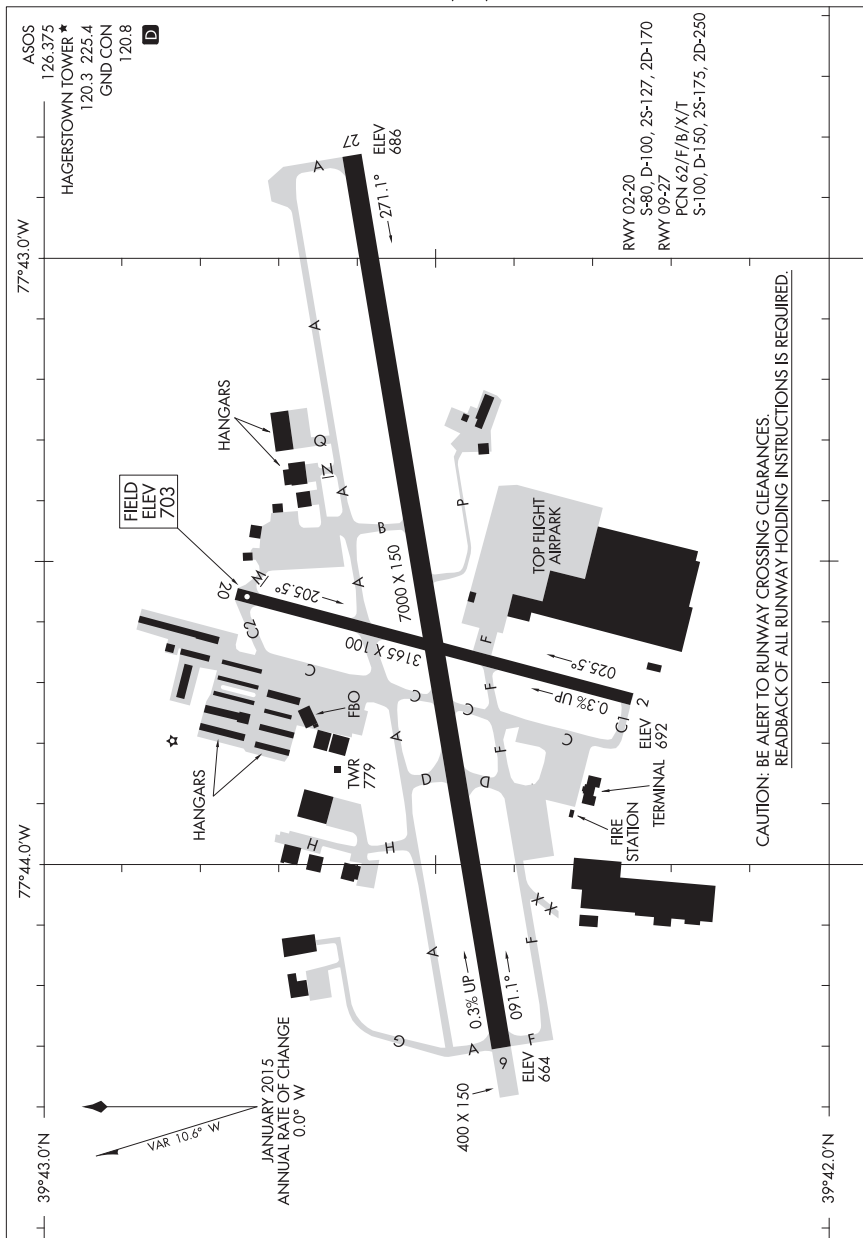
17005

GROTON (NEW LONDON), CONNECTICUT
GROTON-NEW LONDON (GON)

17005

AIRPORT DIAGRAM

HAGERSTOWN RGNL-RICHARD A HENSON FLD (HGR)
AL-5114 (FAA) HAGERSTOWN, MARYLAND



AIRPORT DIAGRAM
17005

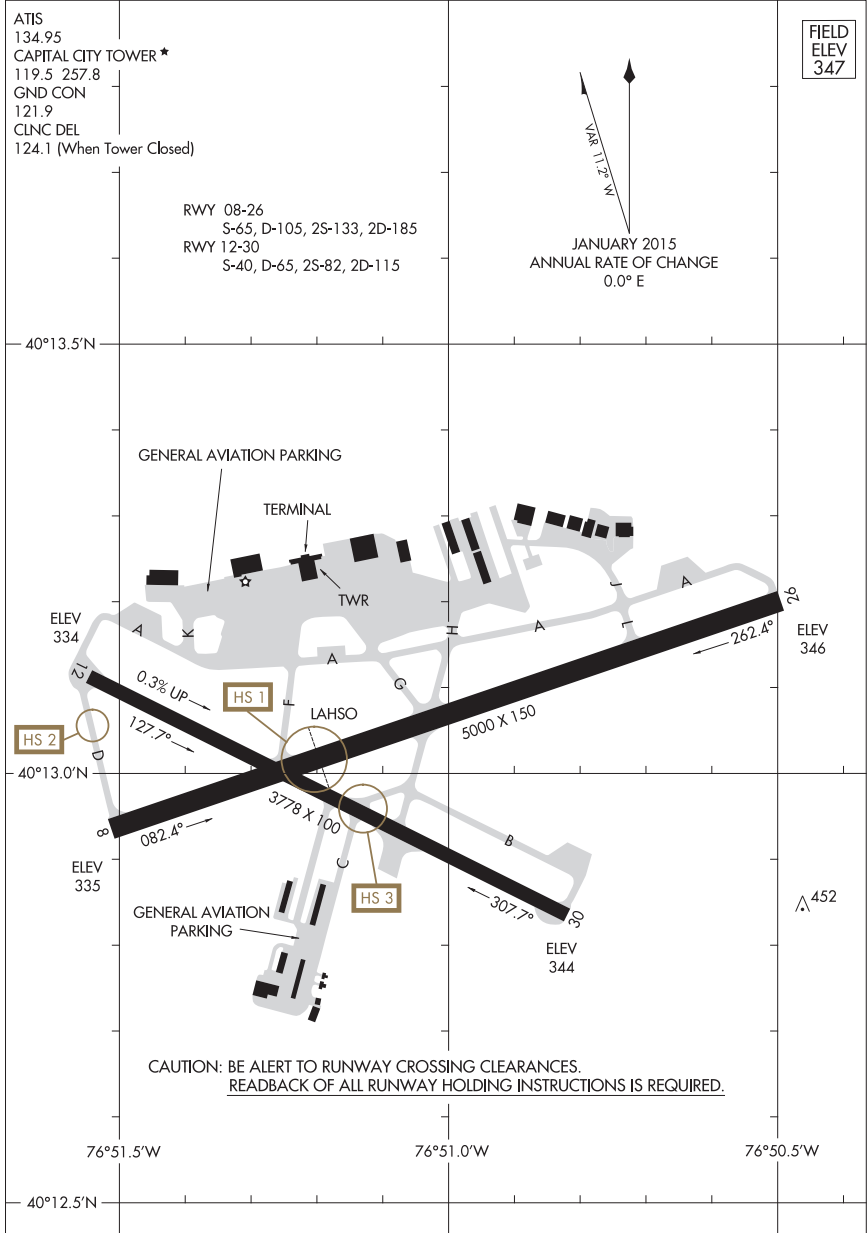
HAGERSTOWN, MARYLAND
HAGERSTOWN RGNL-RICHARD A HENSON FLD (HGR)

16315

AIRPORT DIAGRAM

AL-187 (FAA)

CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

16315

HARRISBURG, PENNSYLVANIA
CAPITAL CITY (CXY)

17229

AIRPORT DIAGRAM

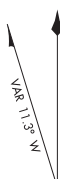
AL-188 (FAA)

HARRISBURG INTL (MDT)
HARRISBURG, PENNSYLVANIA

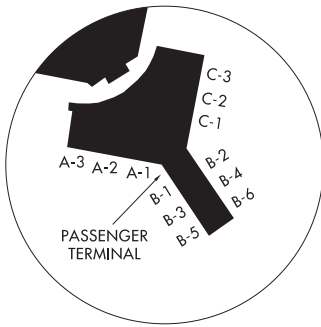
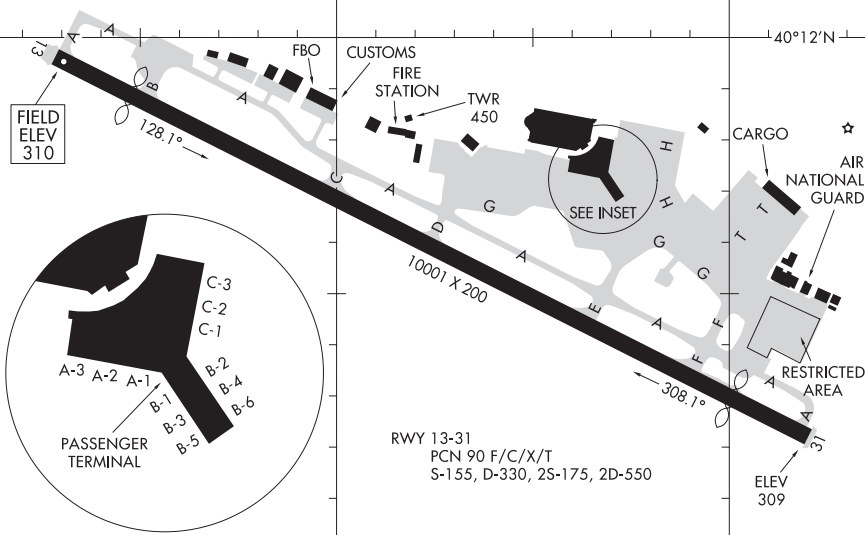
ATIS
118.8
HARRISBURG INTL TOWER
124.8 269.35
GND CON
121.7 348.6

D

508 Δ



JANUARY 2015
ANNUAL RATE OF CHANGE
0.0° E



RWY 13-31
PCN 90 F/C/X/T
S-155, D-330, 2S-175, 2D-550

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READEBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

76°46'W

76°45'W

AIRPORT DIAGRAM

17229

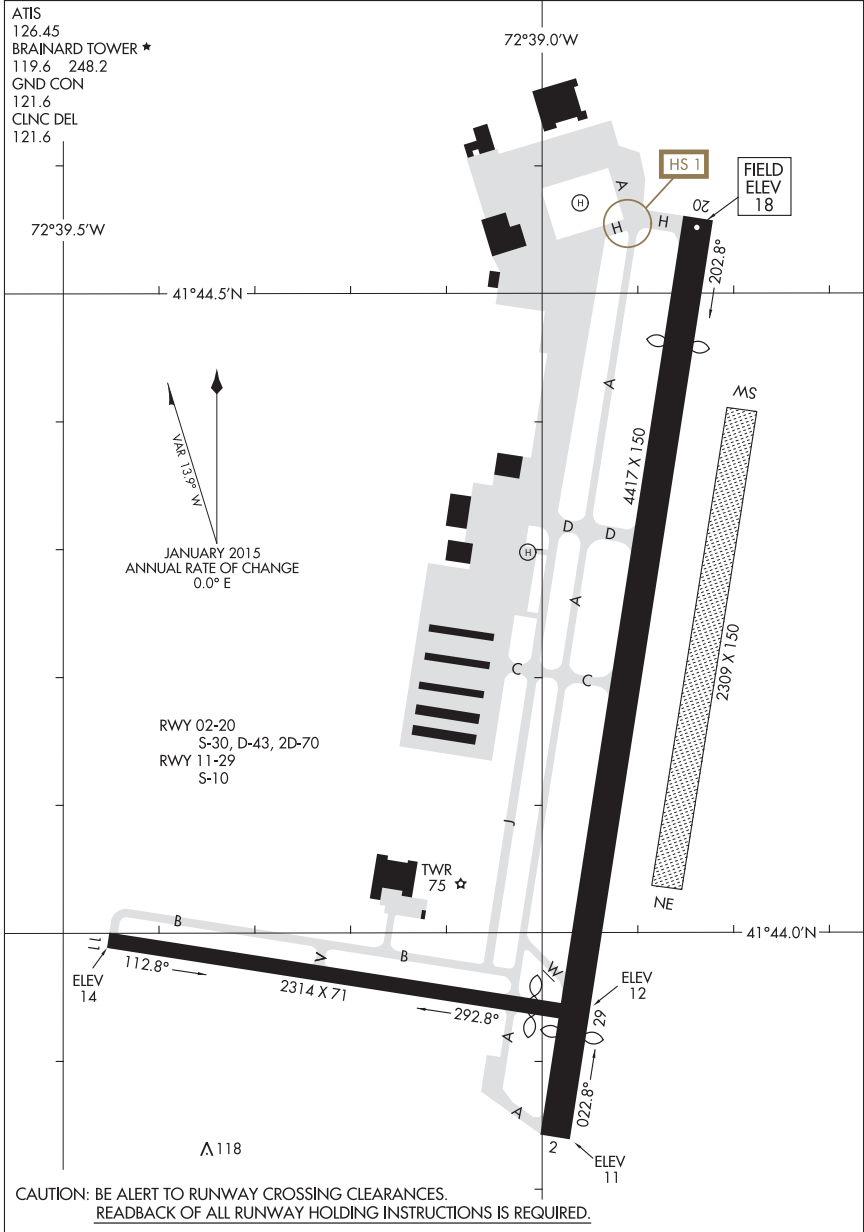
HARRISBURG, PENNSYLVANIA
HARRISBURG INTL (MDT)

15232

AIRPORT DIAGRAM

AL-189 (FAA)

HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT



AIRPORT DIAGRAM

15232

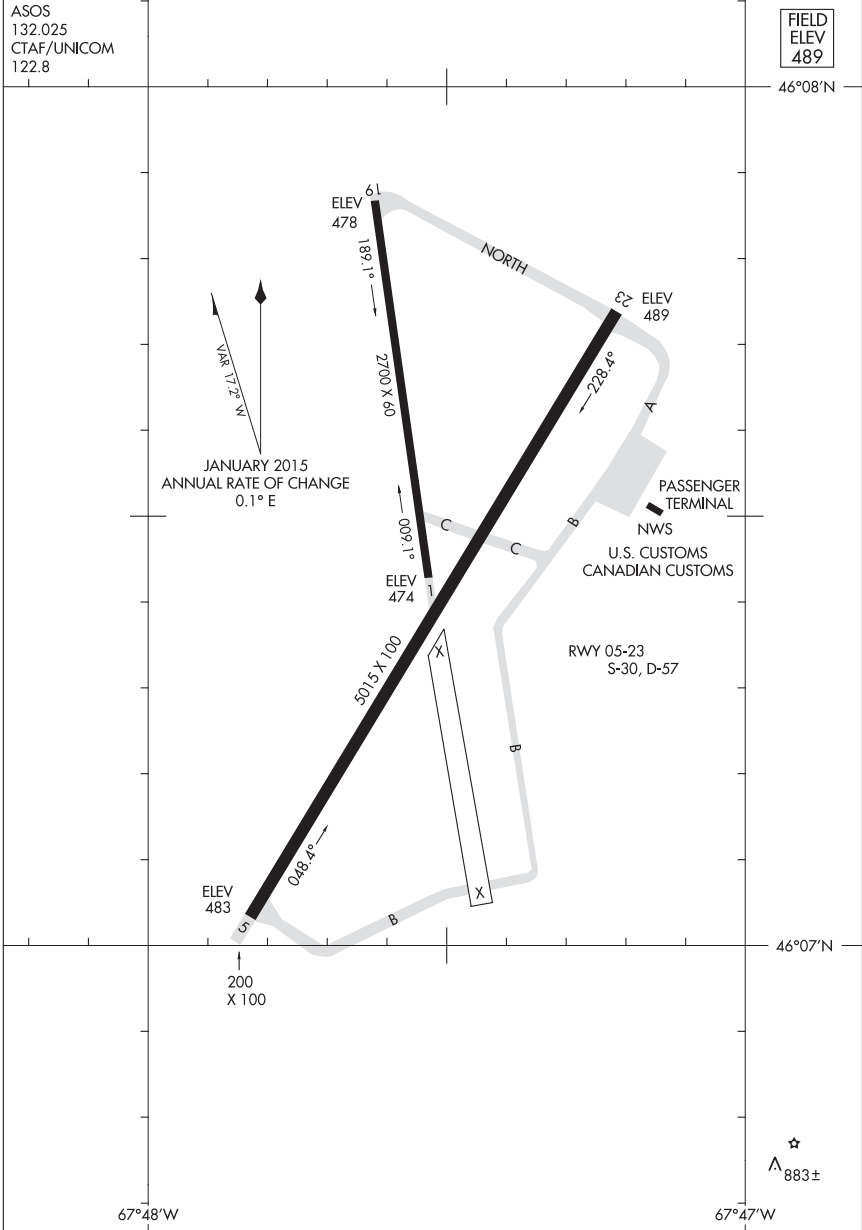
HARTFORD, CONNECTICUT
HARTFORD-BRAINARD (HFD)

16035

AIRPORT DIAGRAM

AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE



AIRPORT DIAGRAM

16035

HOULTON, MAINE
HOULTON INTL (HUL)

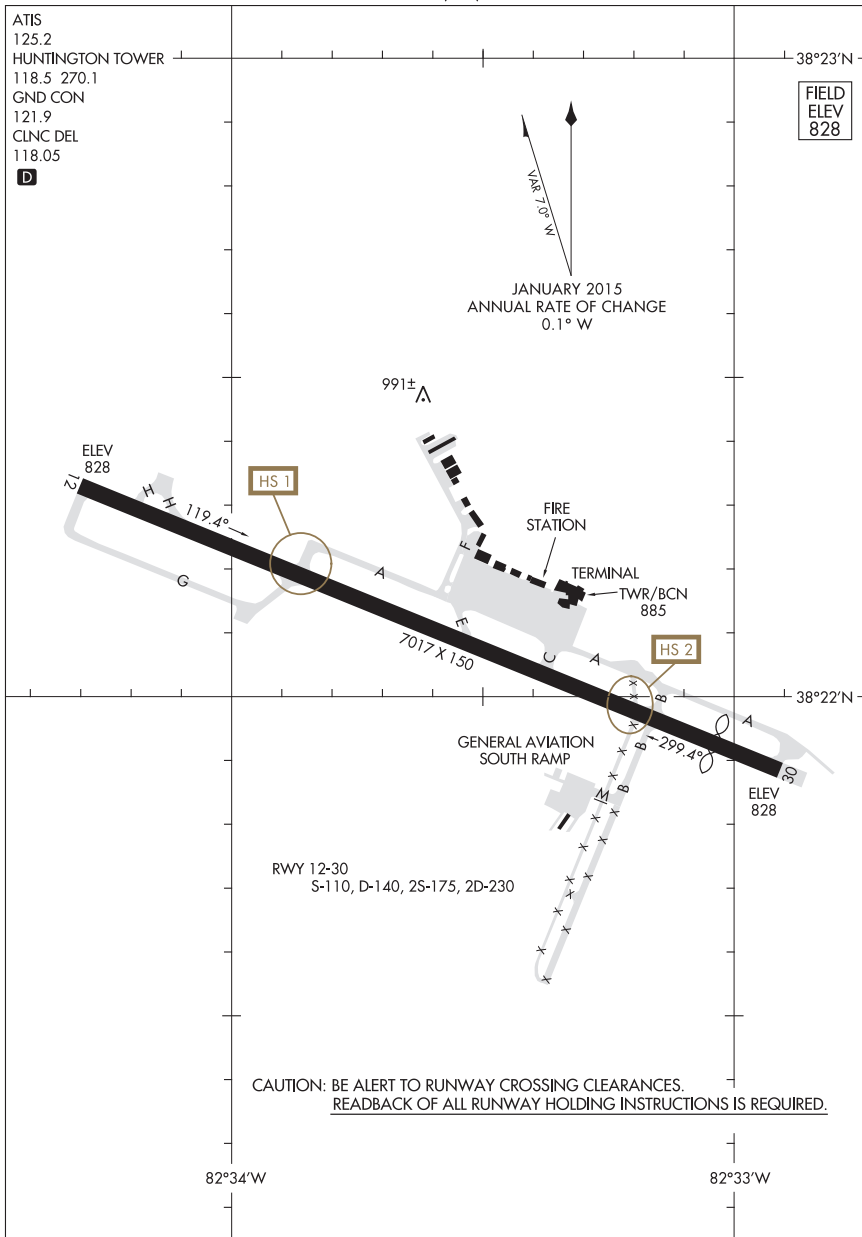
15232

AIRPORT DIAGRAM

TRI-STATE/MILTON J FERGUSON FIELD (HTS)

AL-532 (FAA)

HUNTINGTON, WEST VIRGINIA



AIRPORT DIAGRAM

15232

HUNTINGTON, WEST VIRGINIA

TRI-STATE/MILTON J FERGUSON FIELD (HTS)

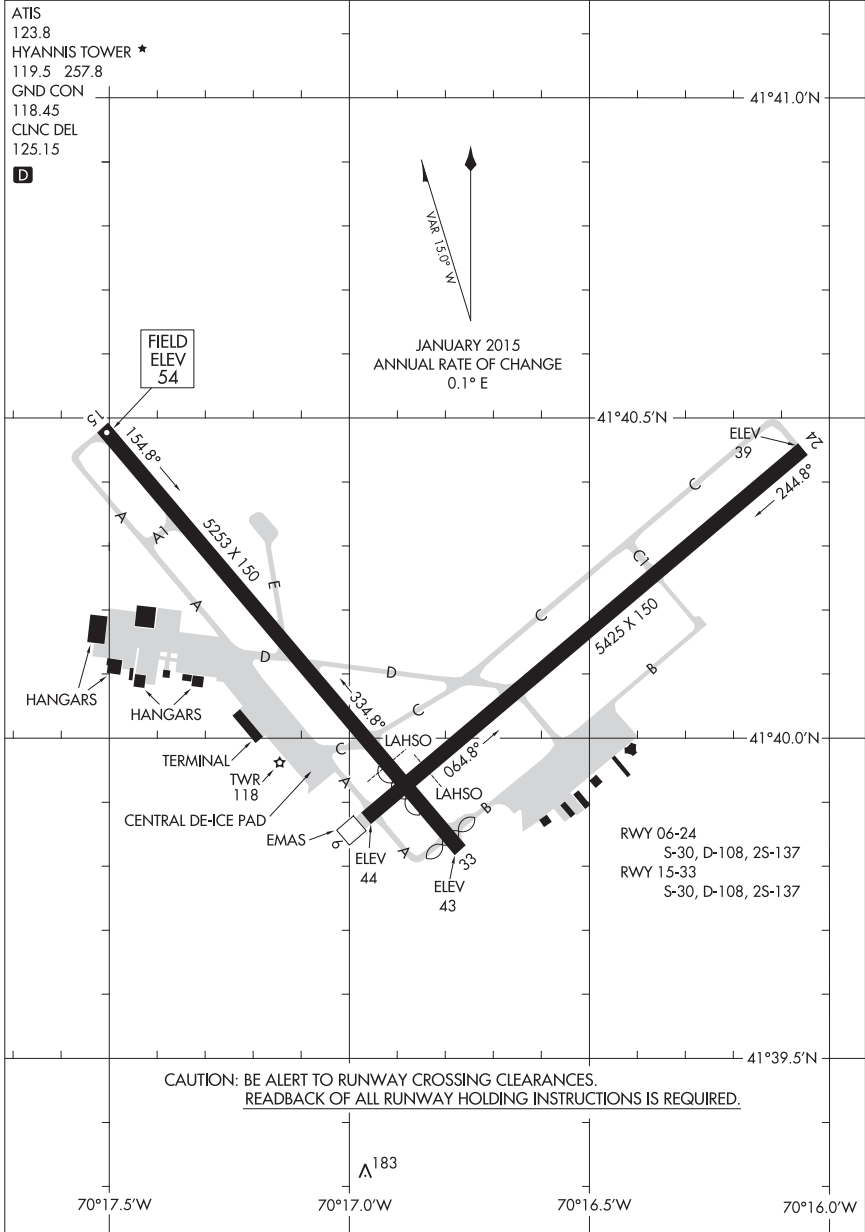
17117

BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

AIRPORT DIAGRAM

AL-675 (FAA)

HYANNIS, MASSACHUSETTS



AIRPORT DIAGRAM

17117

HYANNIS, MASSACHUSETTS

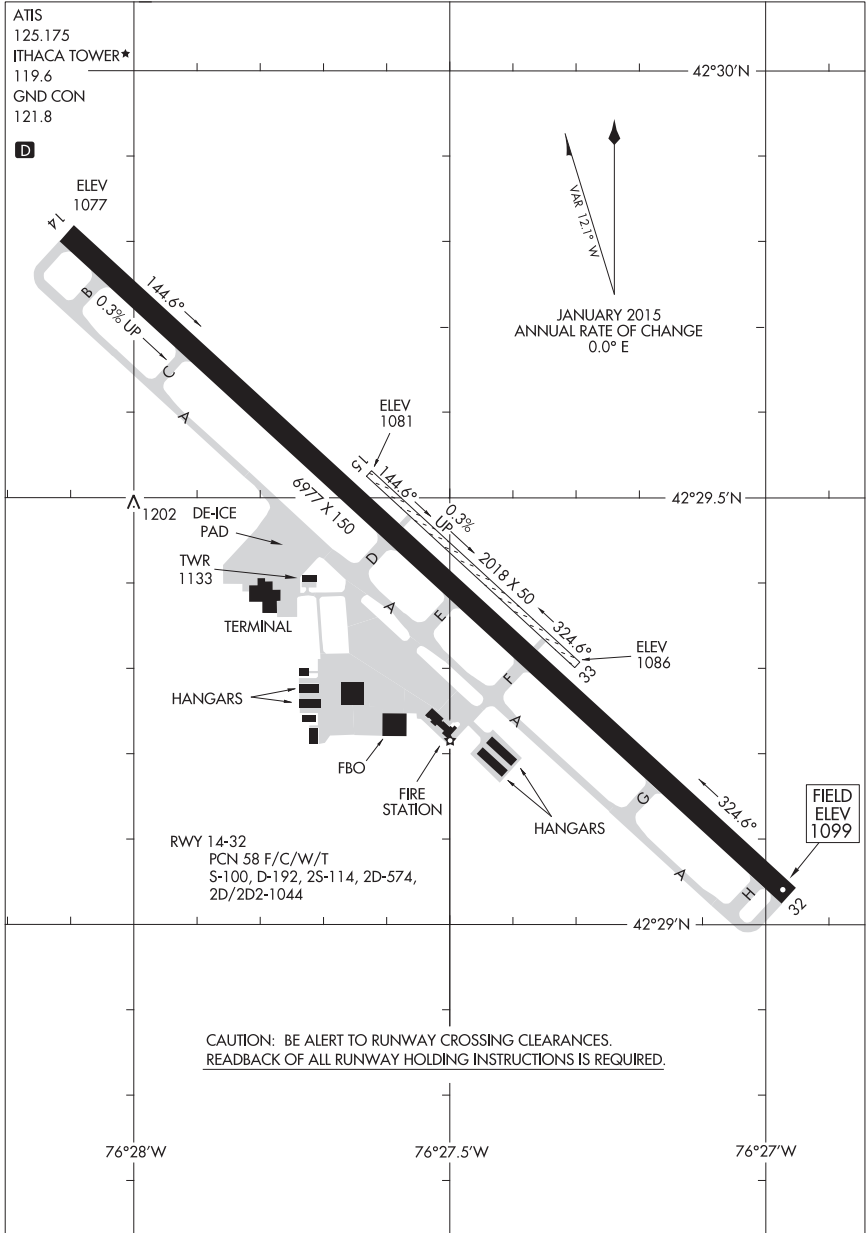
BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

15064

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS RGNL (ITH)
ITHACA, NEW YORK



AIRPORT DIAGRAM

15064

ITHACA, NEW YORK
ITHACA TOMPKINS RGNL (ITH)

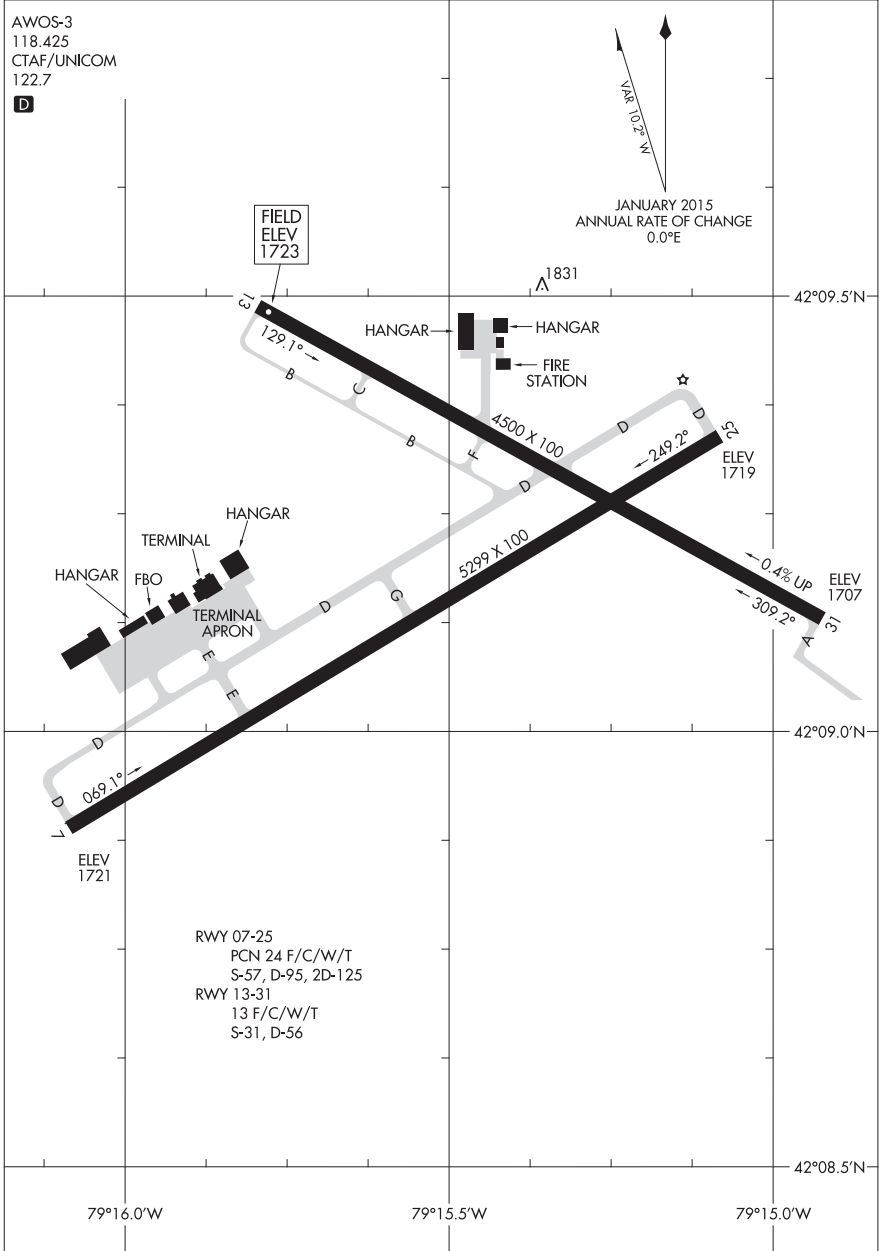
17005

AIRPORT DIAGRAM

AL-731 (FAA)

CHAUTAQUA COUNTY (JHW)

JAMESTOWN, NEW YORK



AIRPORT DIAGRAM

17005

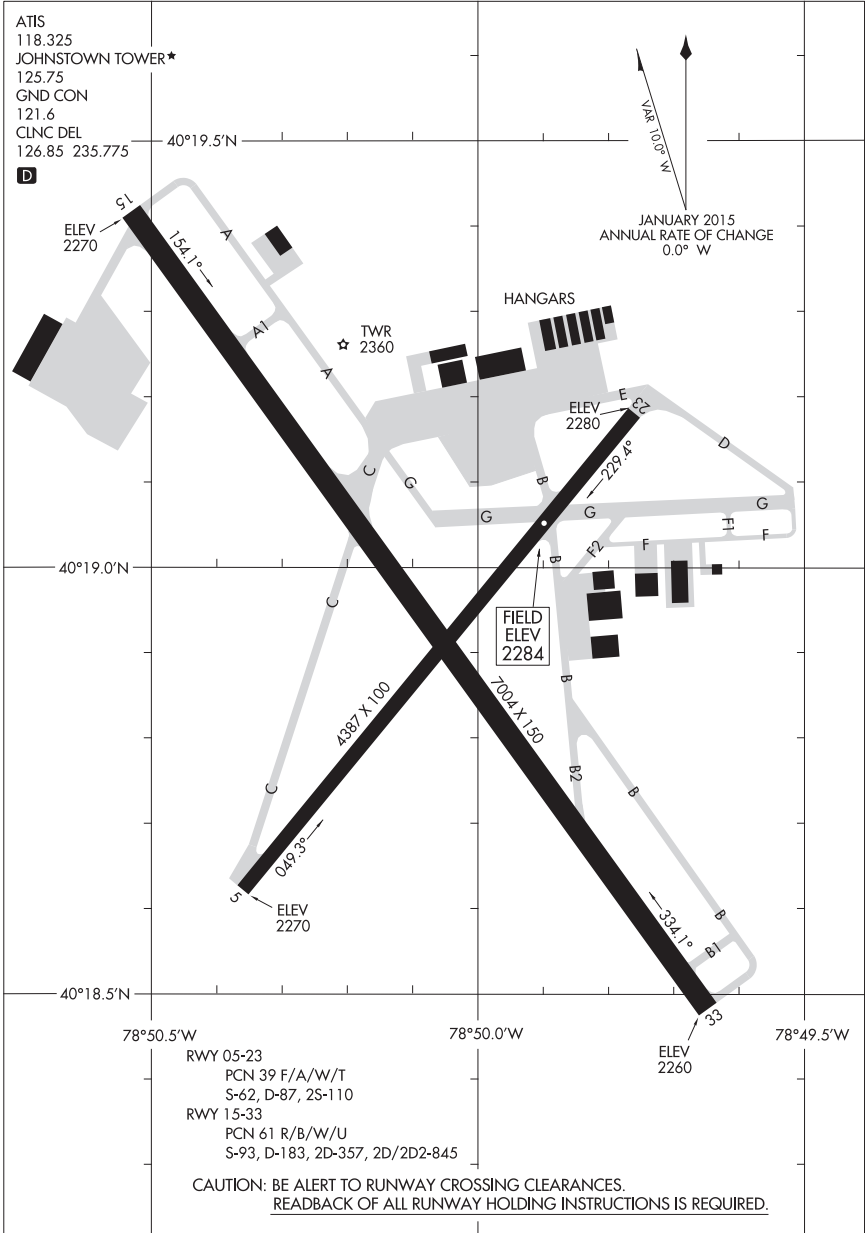
JAMESTOWN, NEW YORK

CHAUTAQUA COUNTY (JHW)

17229

AIRPORT DIAGRAM

JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)
AL-898 (FAA) JOHNSTOWN, PENNSYLVANIA



AIRPORT DIAGRAM
17229

JOHNSTOWN, PENNSYLVANIA
JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)

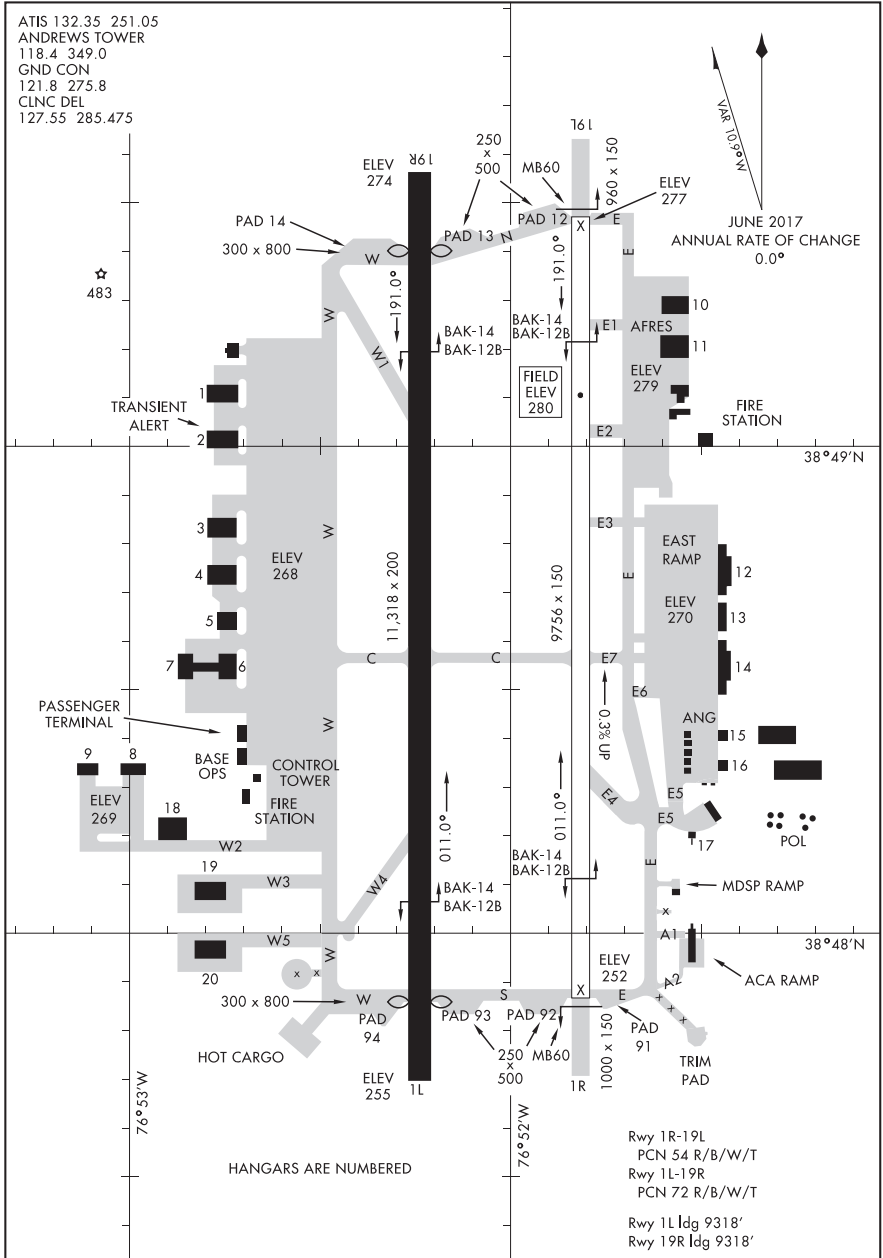
17173

AIRPORT DIAGRAM

AFD-561 [USAF]

JOINT BASE ANDREWS (KADW)

CAMP SPRINGS, MARYLAND



ATIS 132.35 251.05
 ANDREWS TOWER
 118.4 349.0
 GND CON
 121.8 275.8
 CLNC DEL
 127.55 285.475

★ 483

↑
 38° 49' N
 JUNE 2017
 ANNUAL RATE OF CHANGE
 0.0°

38° 49' N

38° 48' N

76° 53' W

76° 52' W

HANGARS ARE NUMBERED

Rwy 1R-19L
 PCN 54 R/B/W/T
 Rwy 1L-19R
 PCN 72 R/B/W/T
 Rwy 1L Idg 9318'
 Rwy 19R Idg 9318'

AIRPORT DIAGRAM

CAMP SPRINGS, MARYLAND

JOINT BASE ANDREWS (KADW)

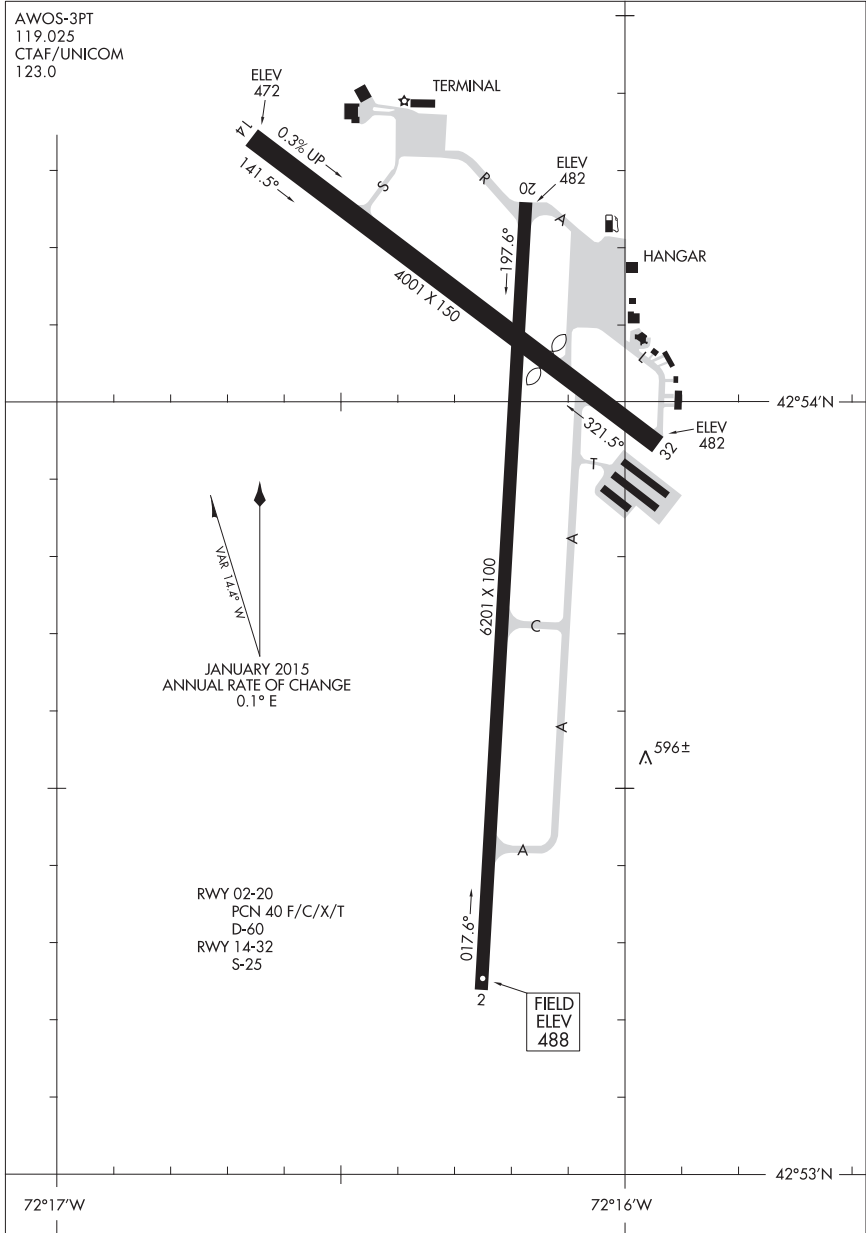
17173

AIRPORT DIAGRAM

AL-868 (FAA)

DILLANT-HOPKINS (EEN)
KEENE, NEW HAMPSHIRE

AWOS-3PT
119.025
CTAF/UNICOM
123.0



AIRPORT DIAGRAM

17173

KEENE, NEW HAMPSHIRE
DILLANT-HOPKINS (EEN)

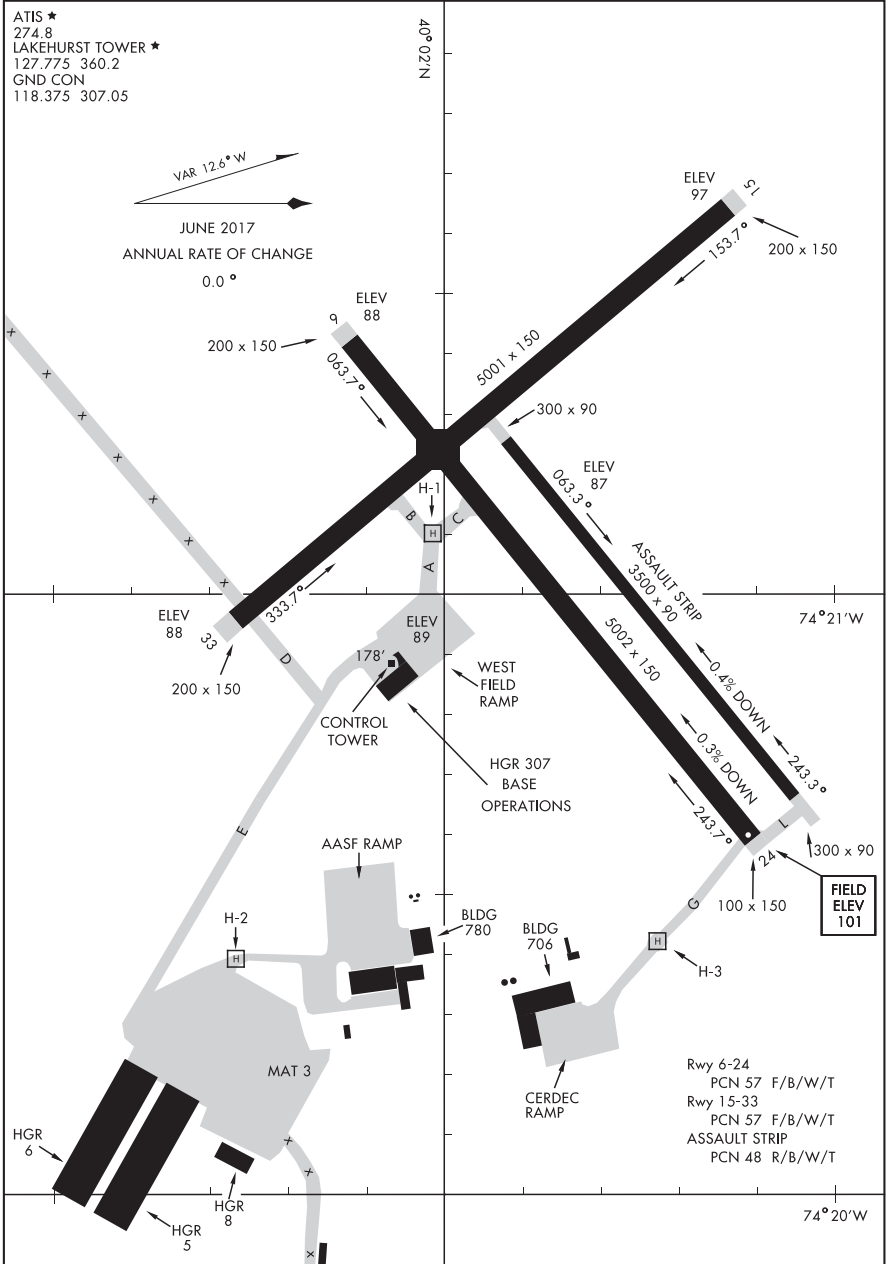
17173

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

AFD-223 [USN]

LAKEHURST, NEW JERSEY

AIRPORT DIAGRAM



AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

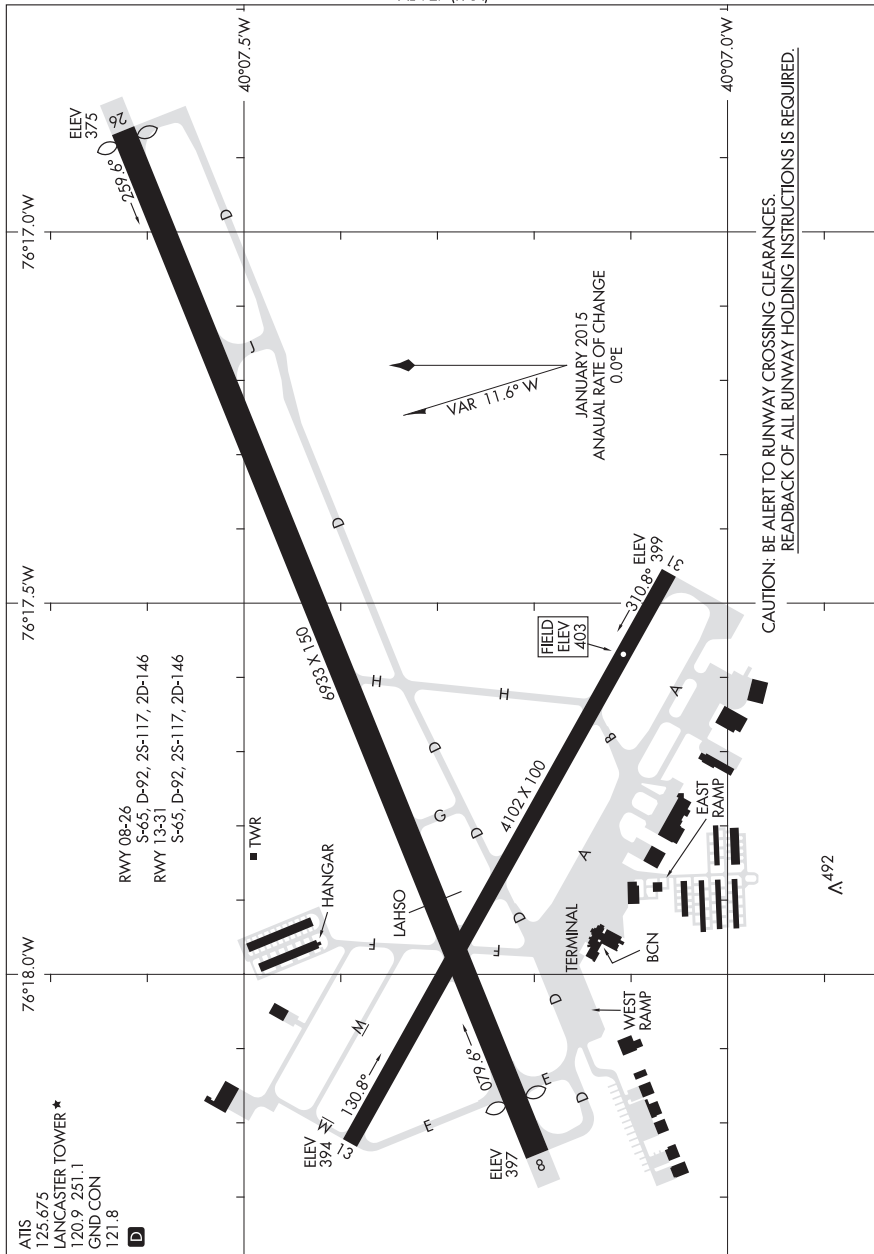
LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

15232

AIRPORT DIAGRAM

AL-927 (FAA)

LANCASTER (LNS)
LANCASTER, PENNSYLVANIA



AIRPORT DIAGRAM

LANCASTER, PENNSYLVANIA
LANCASTER (LNS)

15232

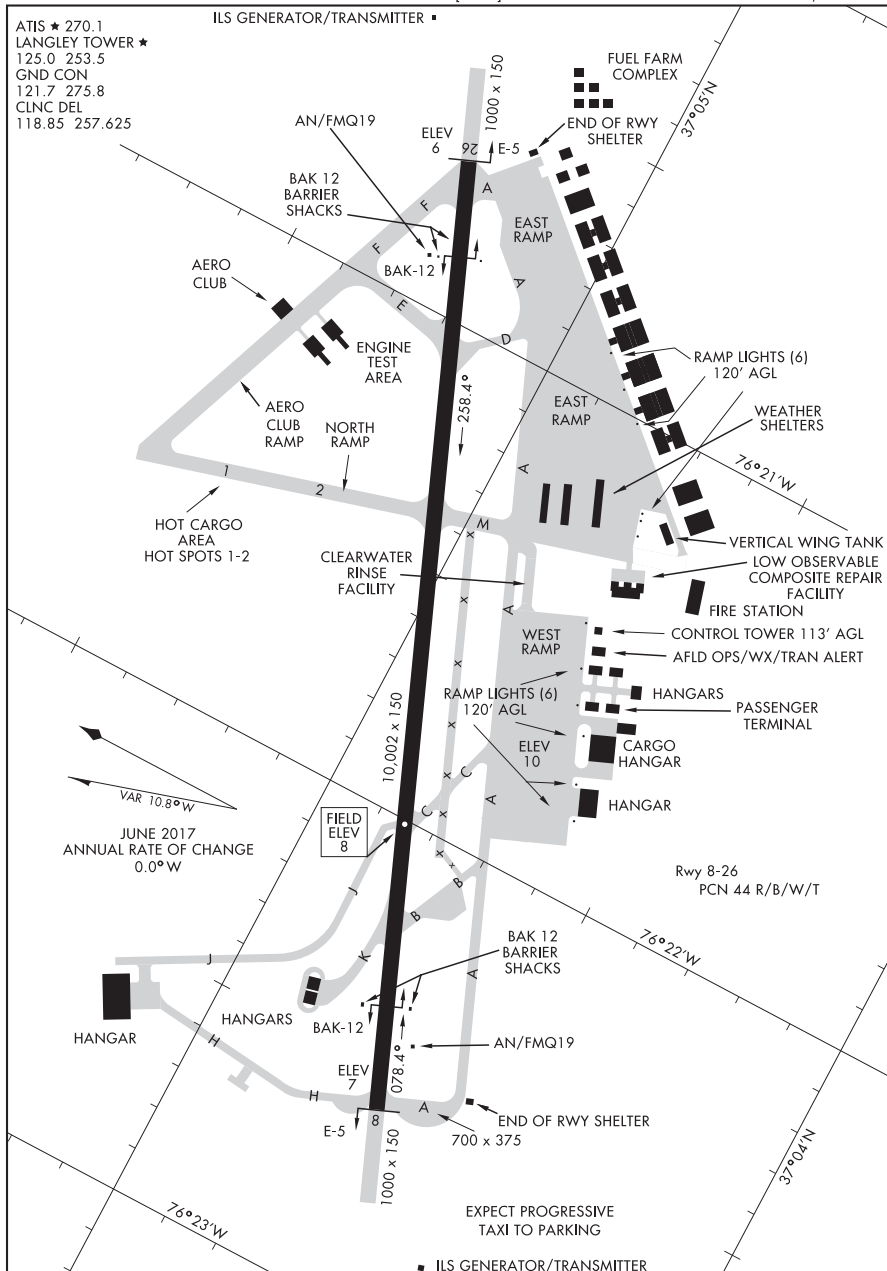
17173

AIRPORT DIAGRAM

AFD-185 [USAF]

LANGLEY AFB (KLF1)

HAMPTON, VIRGINIA



AIRPORT DIAGRAM

HAMPTON, VIRGINIA

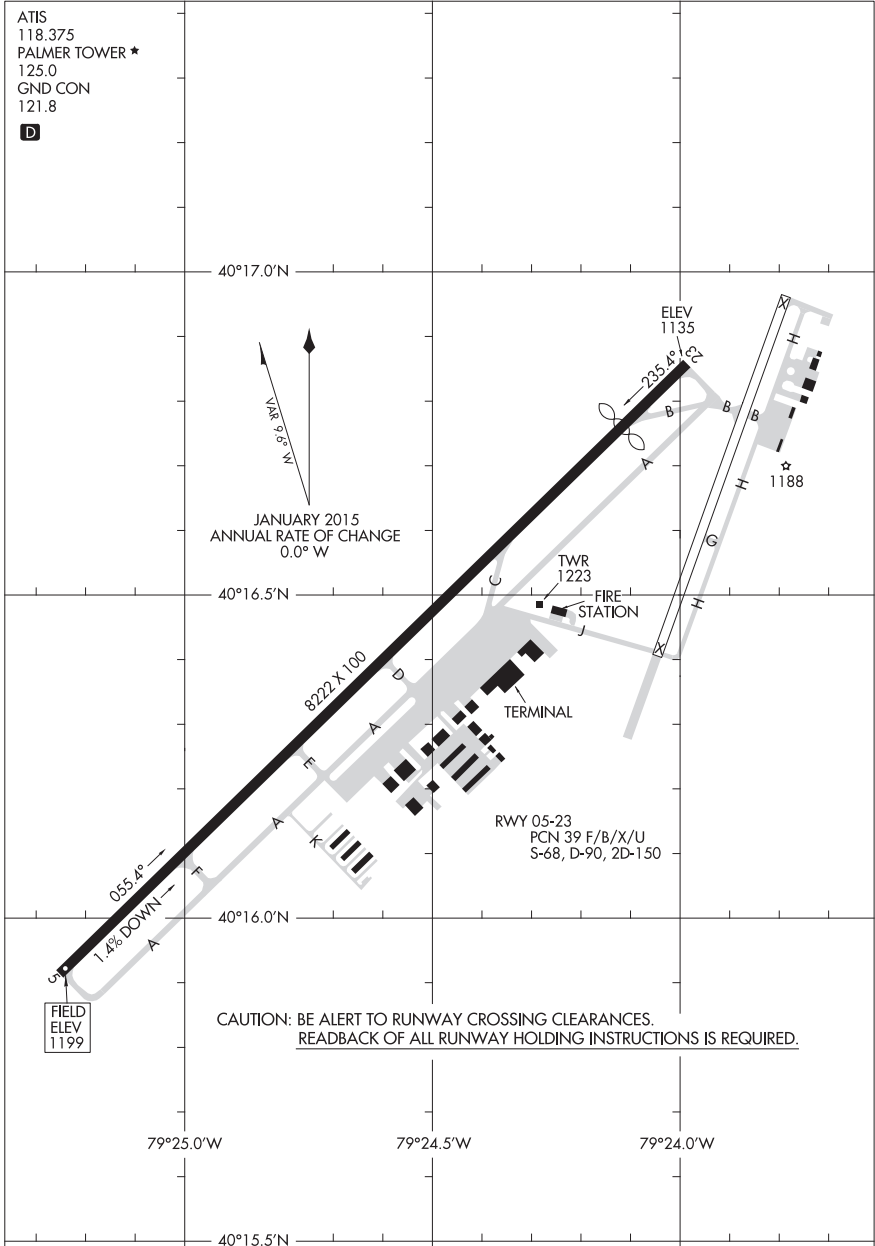
LANGLEY AFB (KLF1)

16147

AIRPORT DIAGRAM

AL-5125 (FAA)

ARNOLD PALMER RGNL (LBE)
LATROBE, PENNSYLVANIA



AIRPORT DIAGRAM

16147

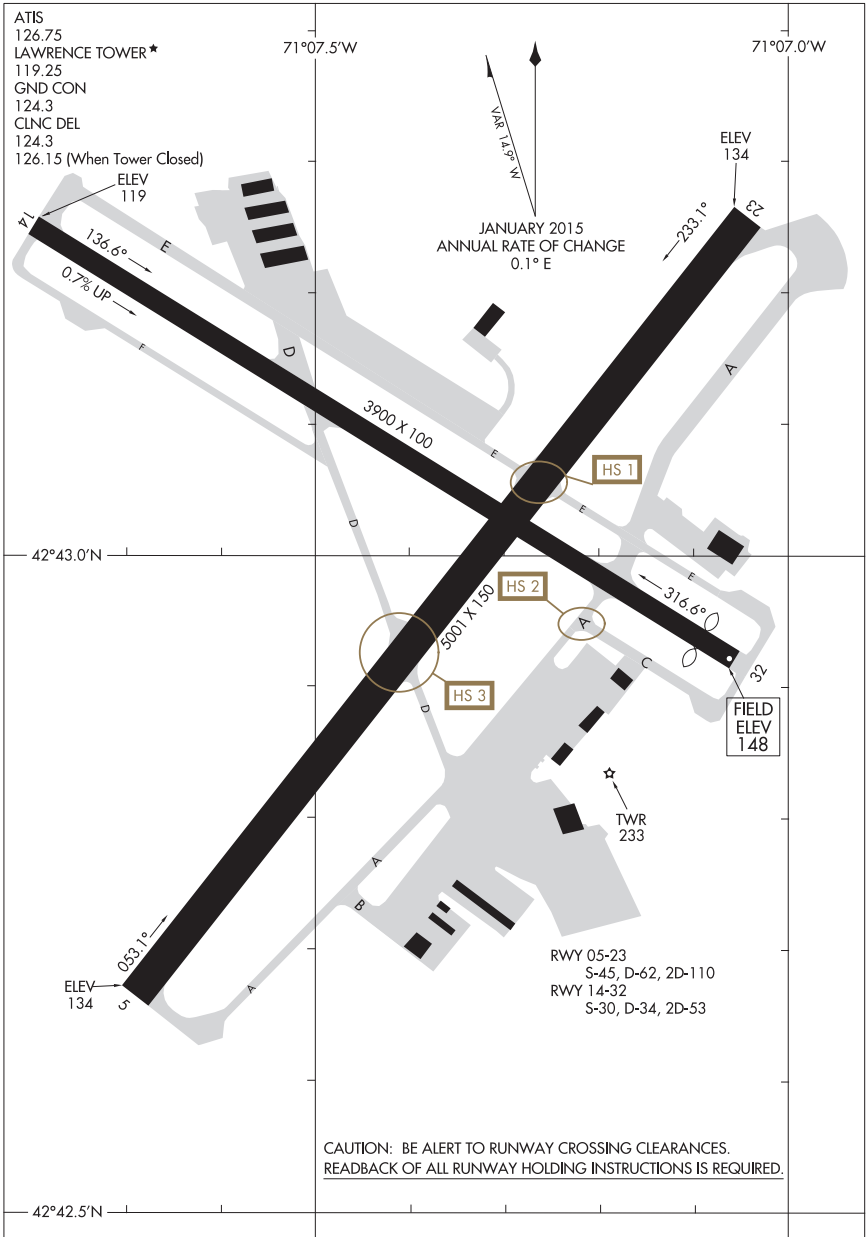
LATROBE, PENNSYLVANIA
ARNOLD PALMER RGNL (LBE)

16315

AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (LWM)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM

16315

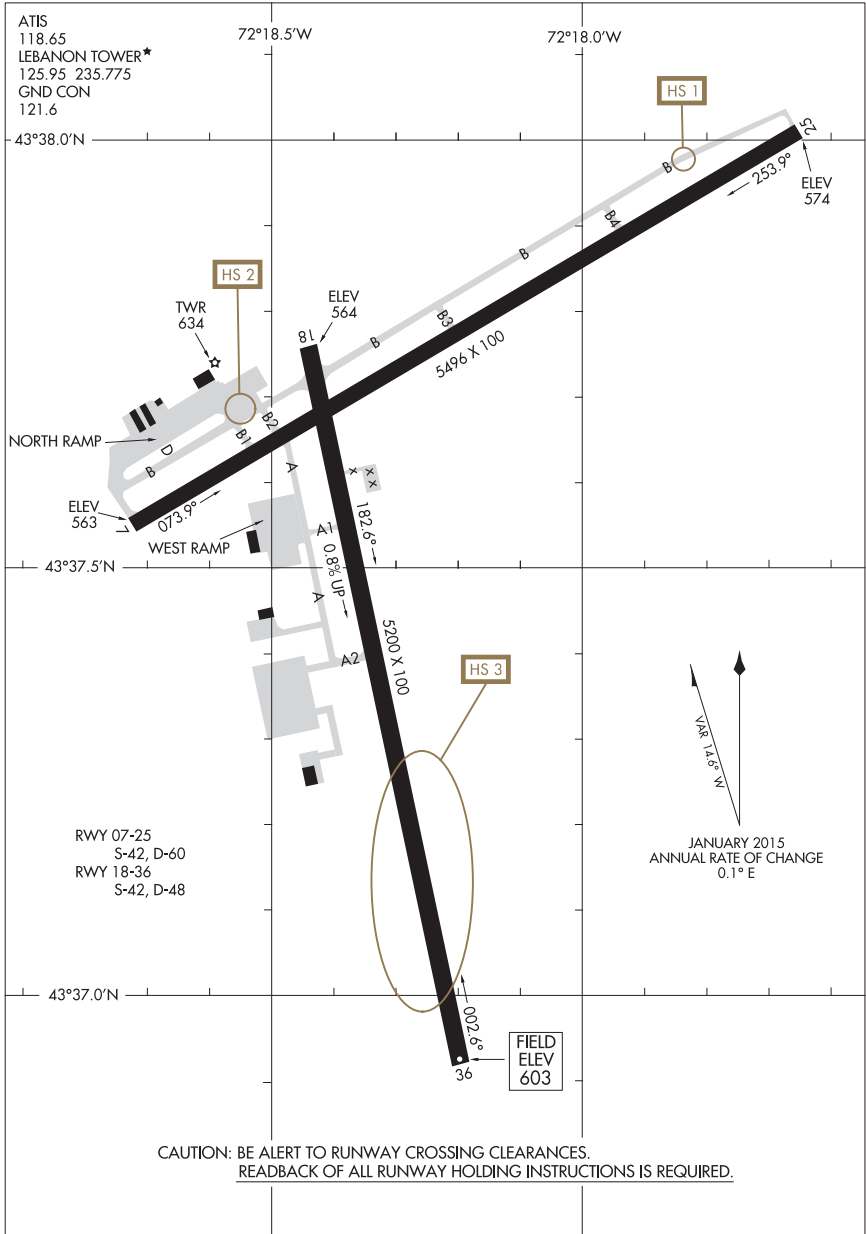
LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (LWM)

15064

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (L.E.B)
LEBANON, NEW HAMPSHIRE



AIRPORT DIAGRAM

15064

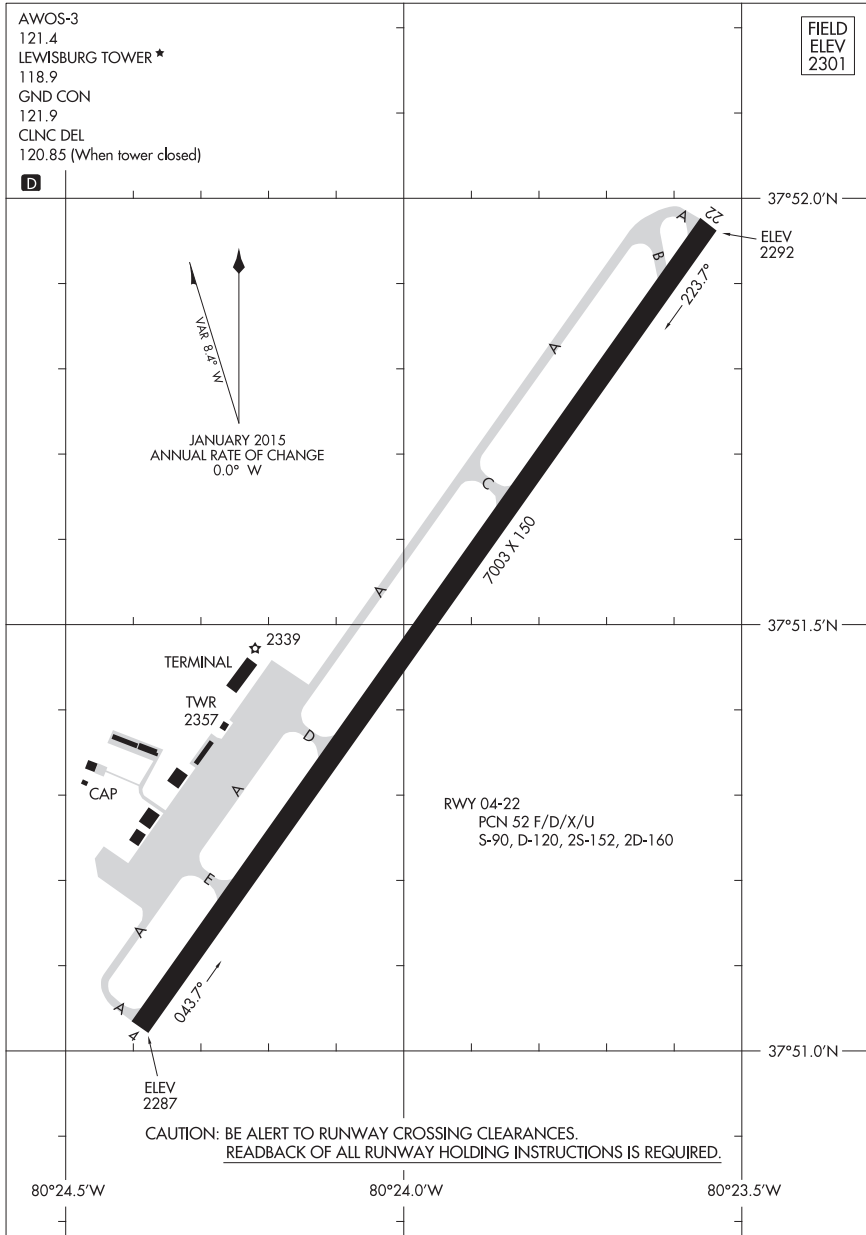
LEBANON, NEW HAMPSHIRE
LEBANON MUNI (L.E.B)

16259

AIRPORT DIAGRAM

AL-5601 (FAA)

GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA



AIRPORT DIAGRAM

16259

LEWISBURG, WEST VIRGINIA
GREENBRIER VALLEY (LWB)

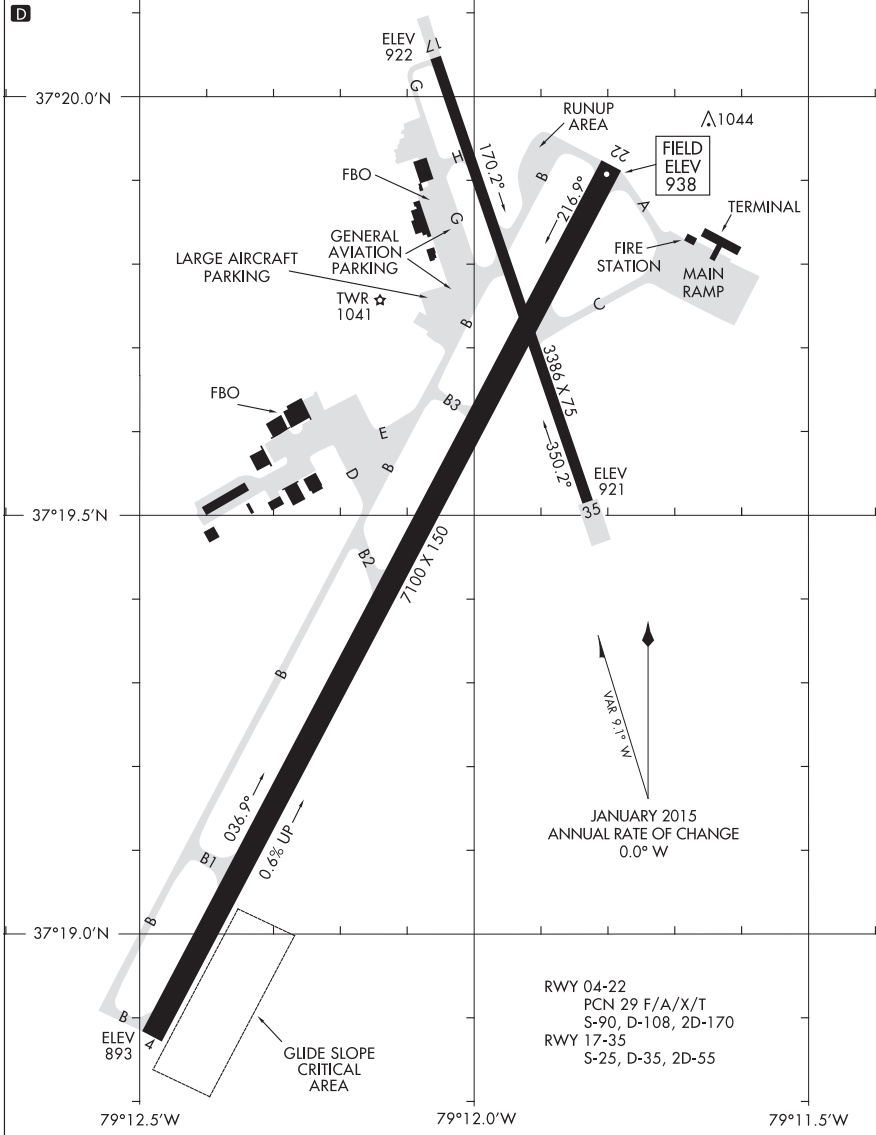
15288

AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA

ATIS
119.8
LYNCHBURG TOWER*
127.65 257.8
GND CON
121.9

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.



AIRPORT DIAGRAM

15288

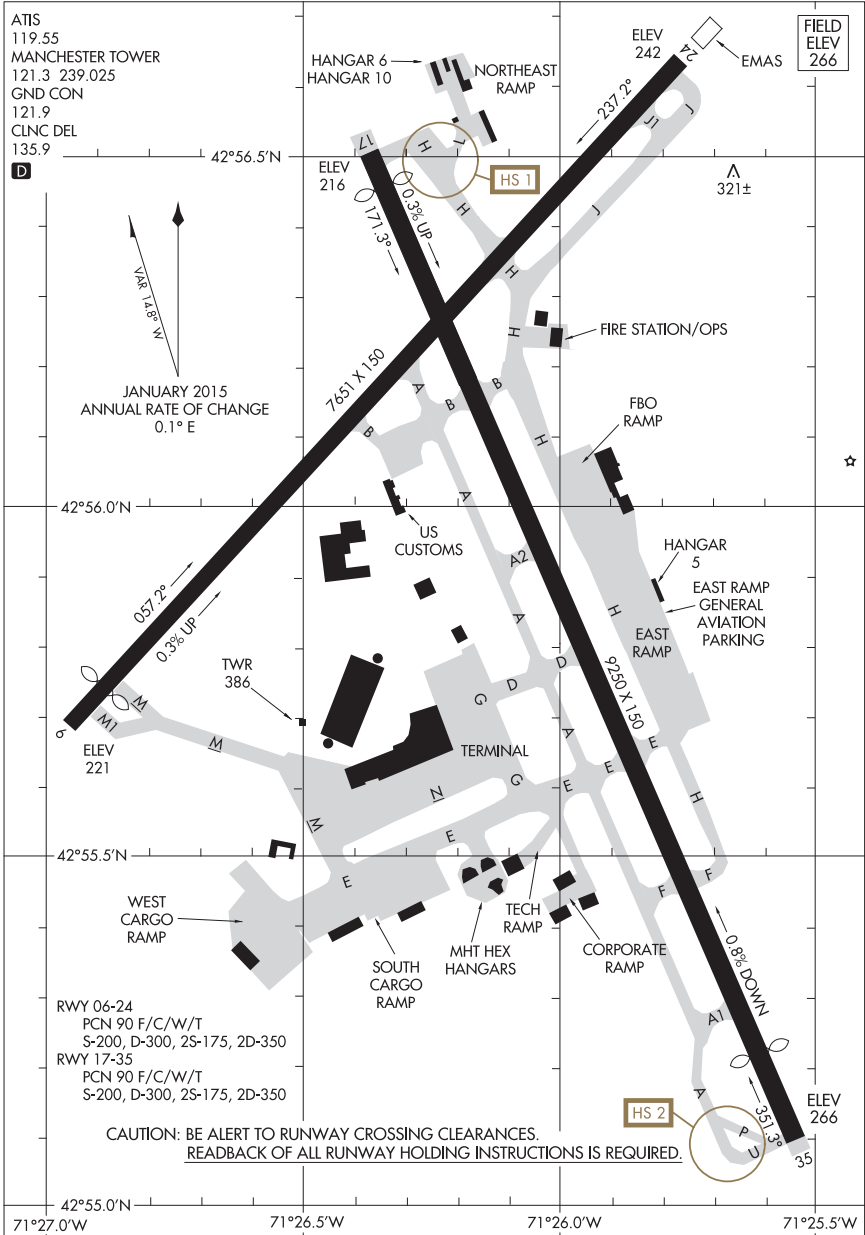
LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)

17173

AIRPORT DIAGRAM

AL-246 (FAA)

MANCHESTER (MHT)
MANCHESTER, NEW HAMPSHIRE



AIRPORT DIAGRAM

17173

MANCHESTER, NEW HAMPSHIRE
MANCHESTER (MHT)

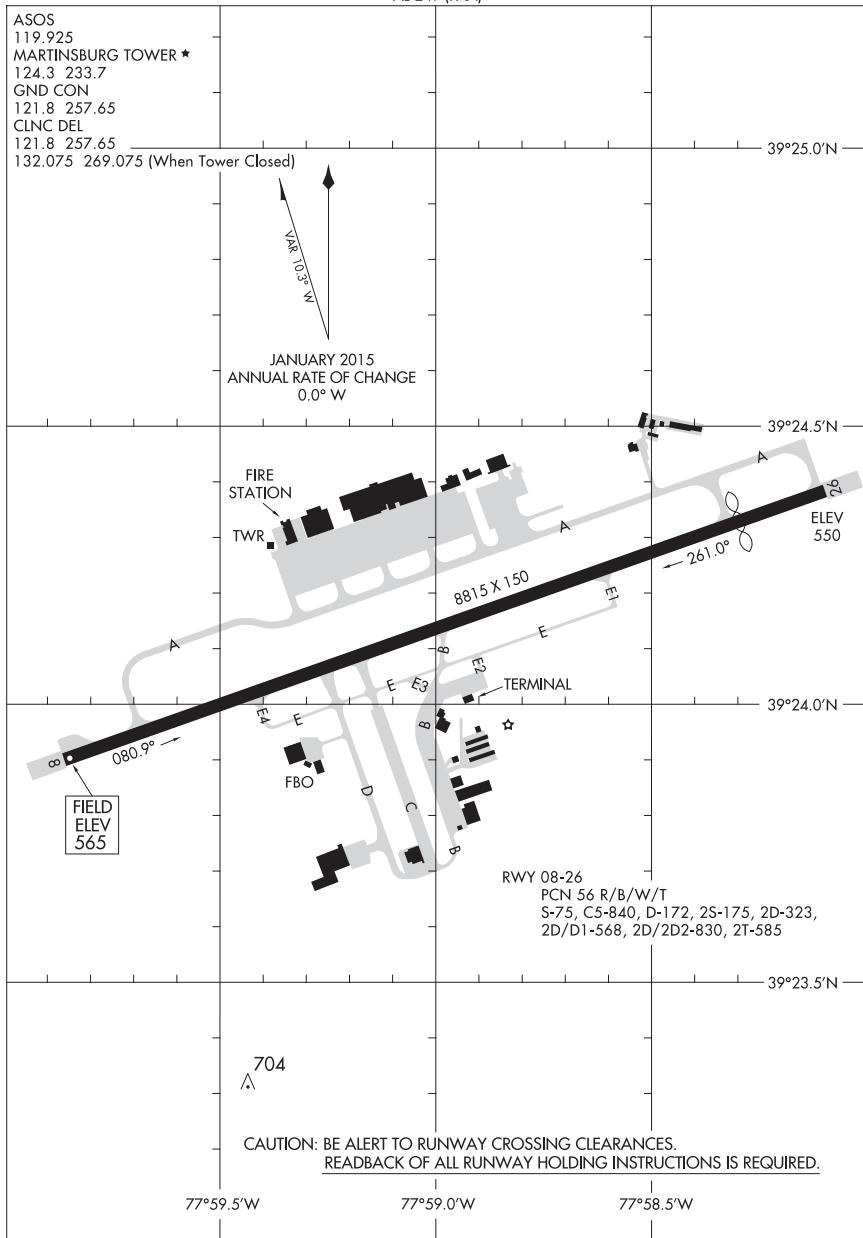
17061

AIRPORT DIAGRAM

EASTERN WV RGNL/SHEPHERD FLD (M.R.B)

AL-249 (FAA)

MARTINSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

17061

MARTINSBURG, WEST VIRGINIA

EASTERN WV RGNL/SHEPHERD FLD (M.R.B)

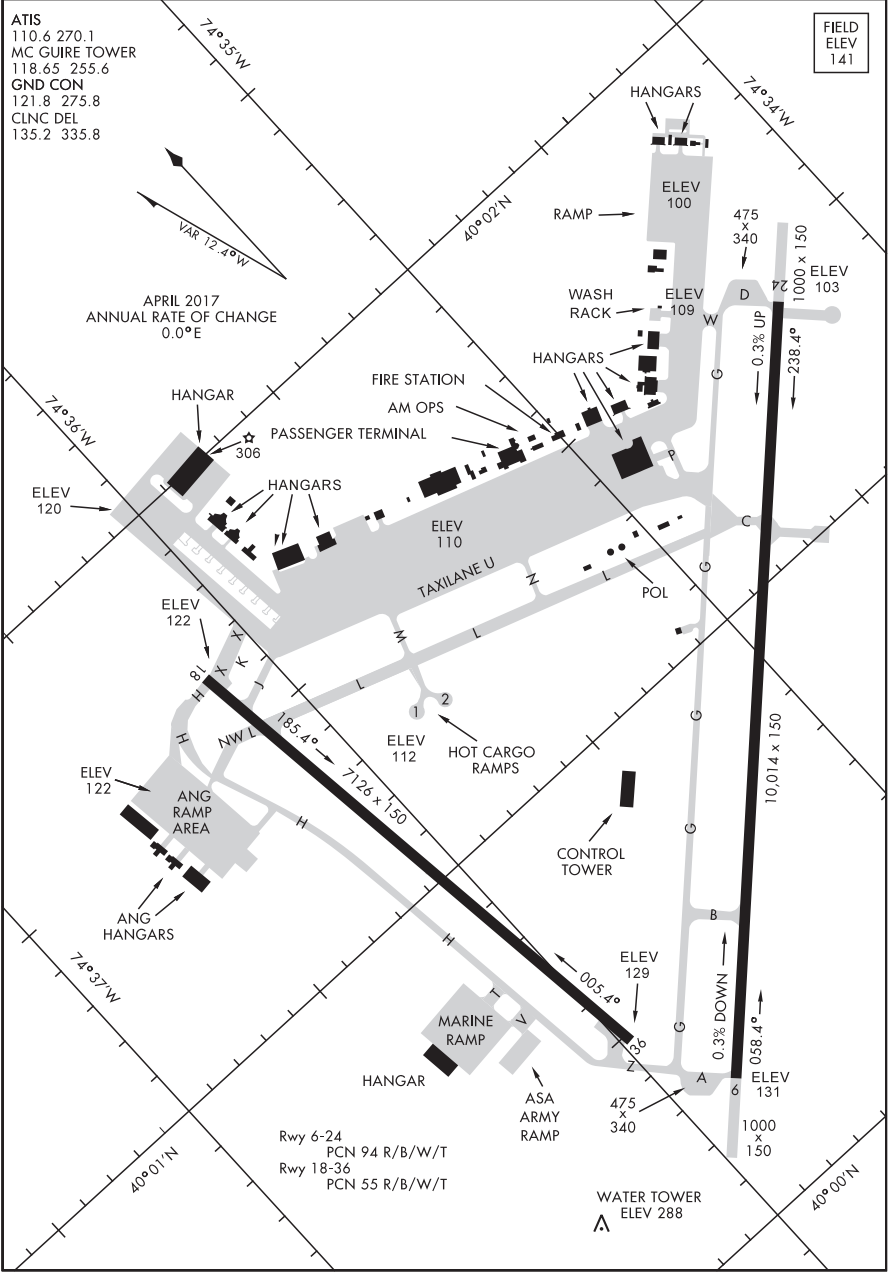
17117

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWR1)

AFD-150 [USAF]

WRIGHTSTOWN, NEW JERSEY

AIRPORT DIAGRAM



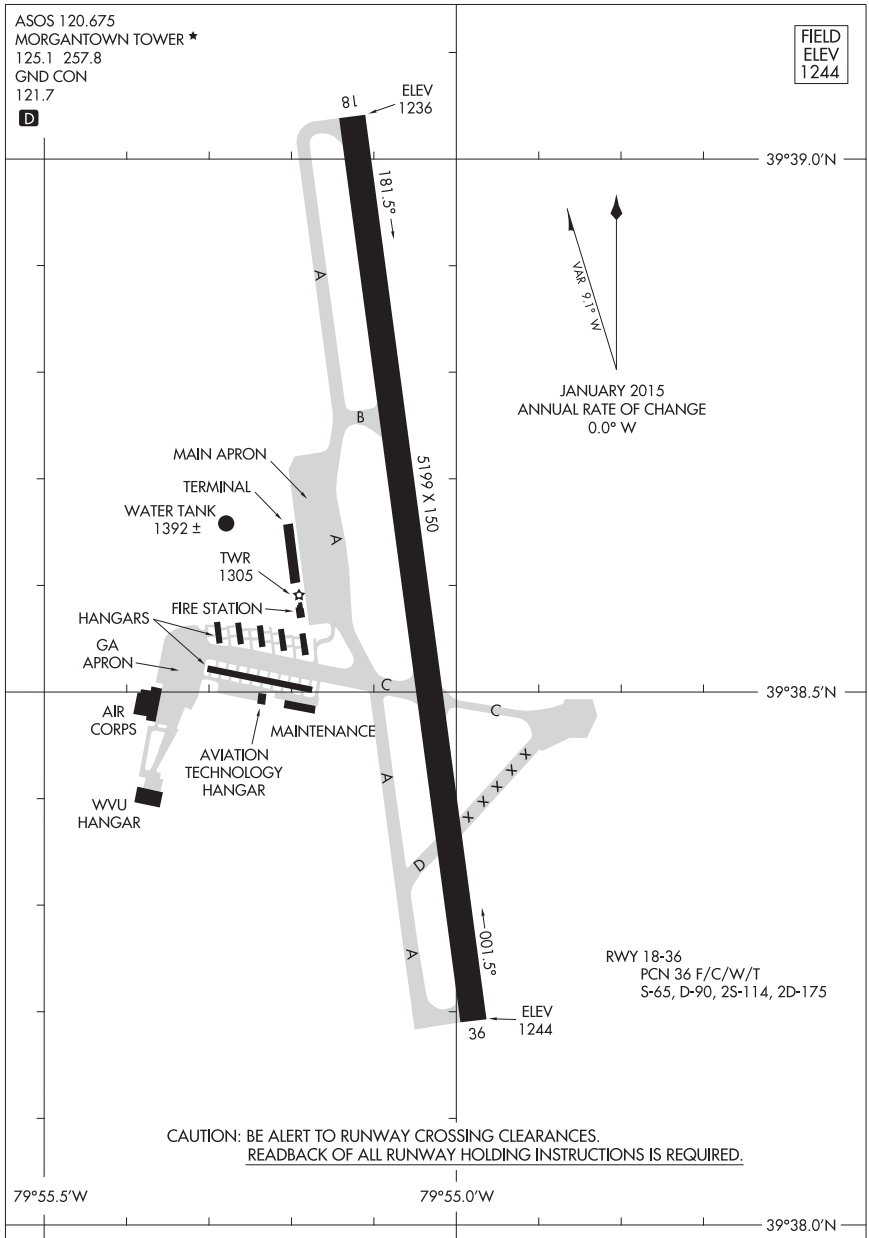
AIRPORT DIAGRAM

WRIGHTSTOWN, NEW JERSEY
MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWR1)

17061

AIRPORT DIAGRAM

MORGANTOWN MUNI-WALTER L BILL HART FLD (MGW)
AL-479 (FAA) MORGANTOWN, WEST VIRGINIA



AIRPORT DIAGRAM
17061

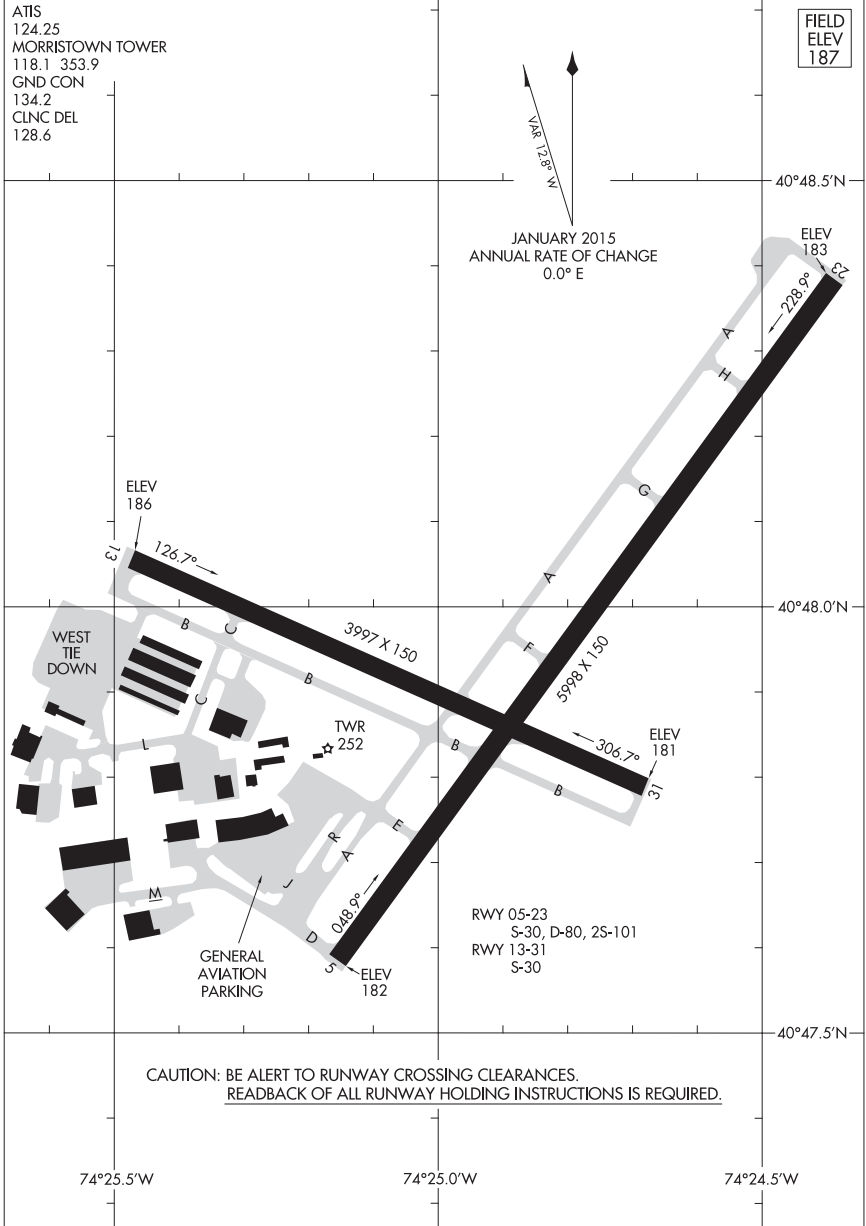
MORGANTOWN, WEST VIRGINIA
MORGANTOWN MUNI-WALTER L BILL HART FLD (MGW)

15064

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY



AIRPORT DIAGRAM

15064

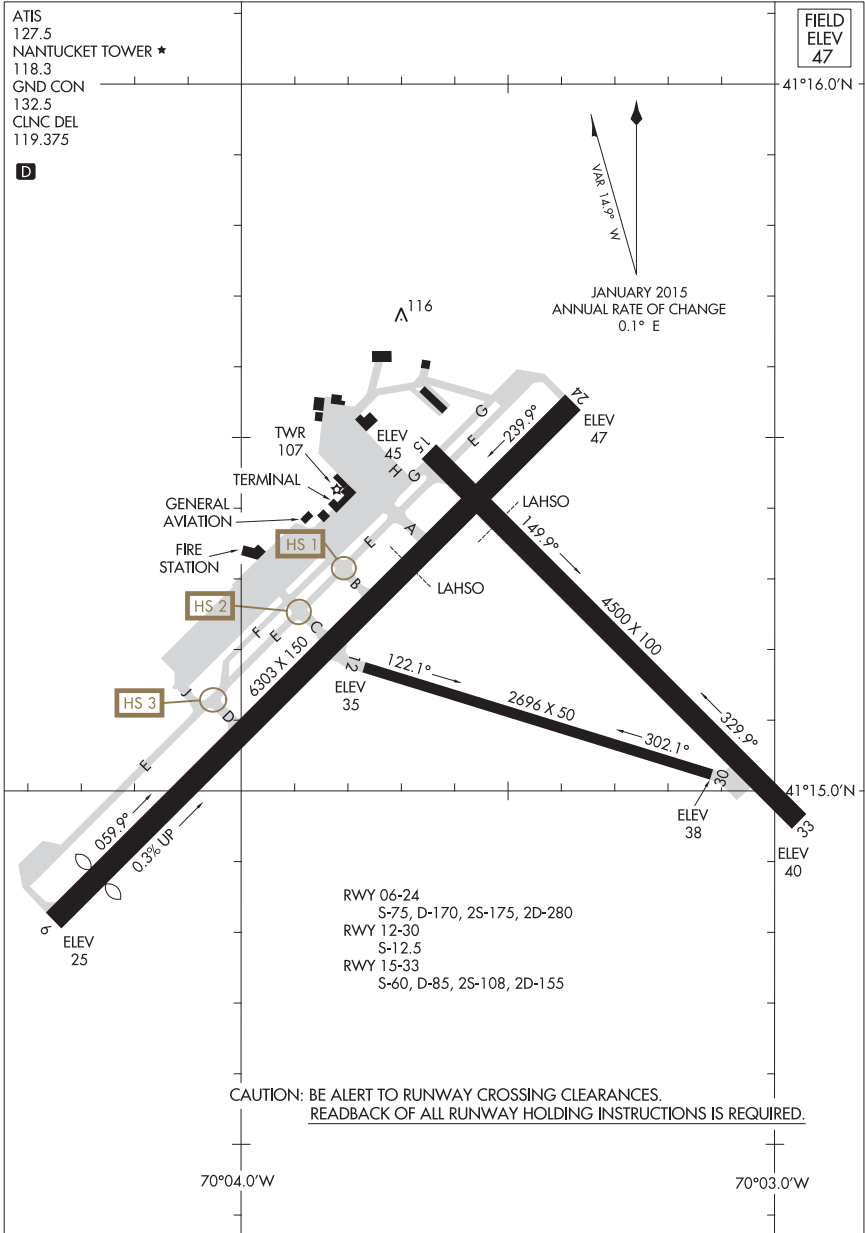
MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

15064

AIRPORT DIAGRAM

AL-659 (FAA)

NANTUCKET MEMORIAL (ACK)
NANTUCKET, MASSACHUSETTS



AIRPORT DIAGRAM

15064

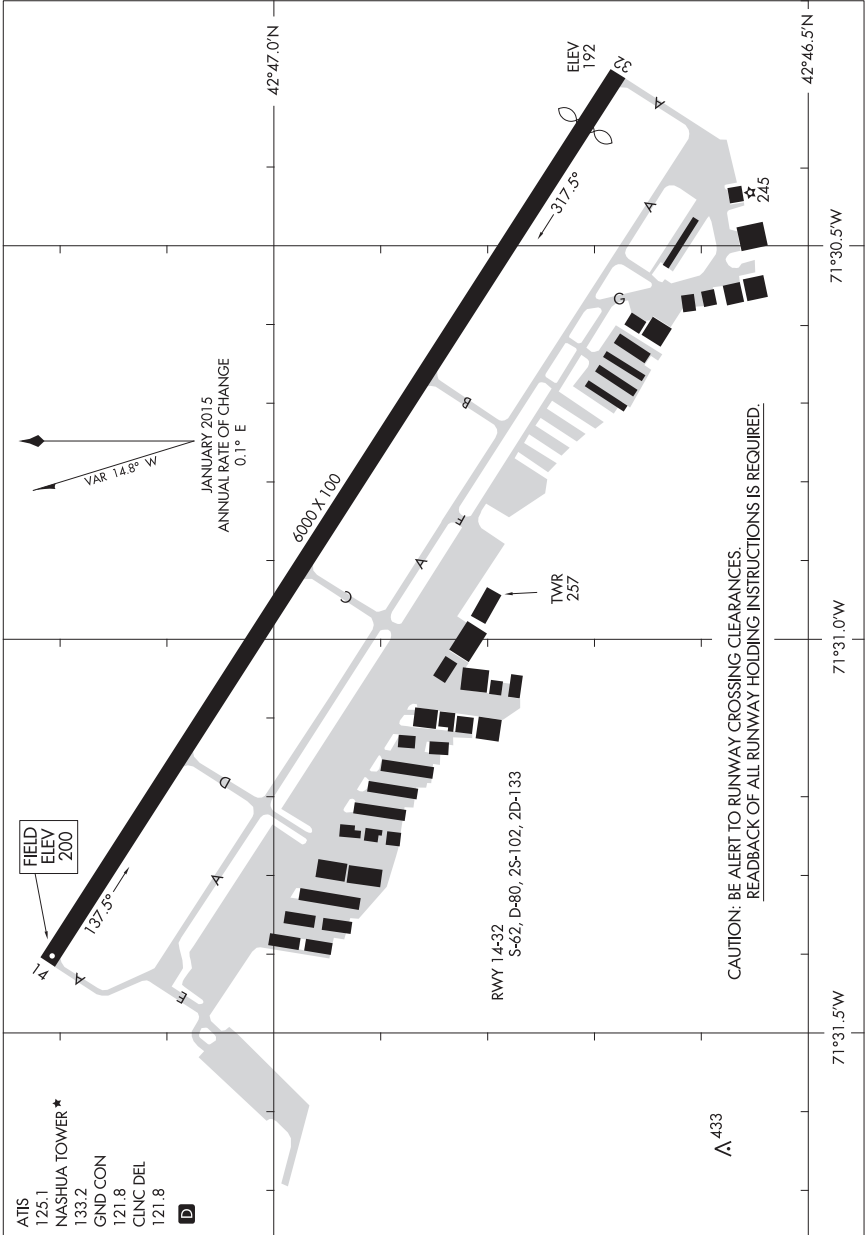
NANTUCKET, MASSACHUSETTS
NANTUCKET MEMORIAL (ACK)

17117

AIRPORT DIAGRAM

AL-5036 (FAA)

BOIRE FIELD (ASH)
NASHUA, NEW HAMPSHIRE



AIRPORT DIAGRAM

17117

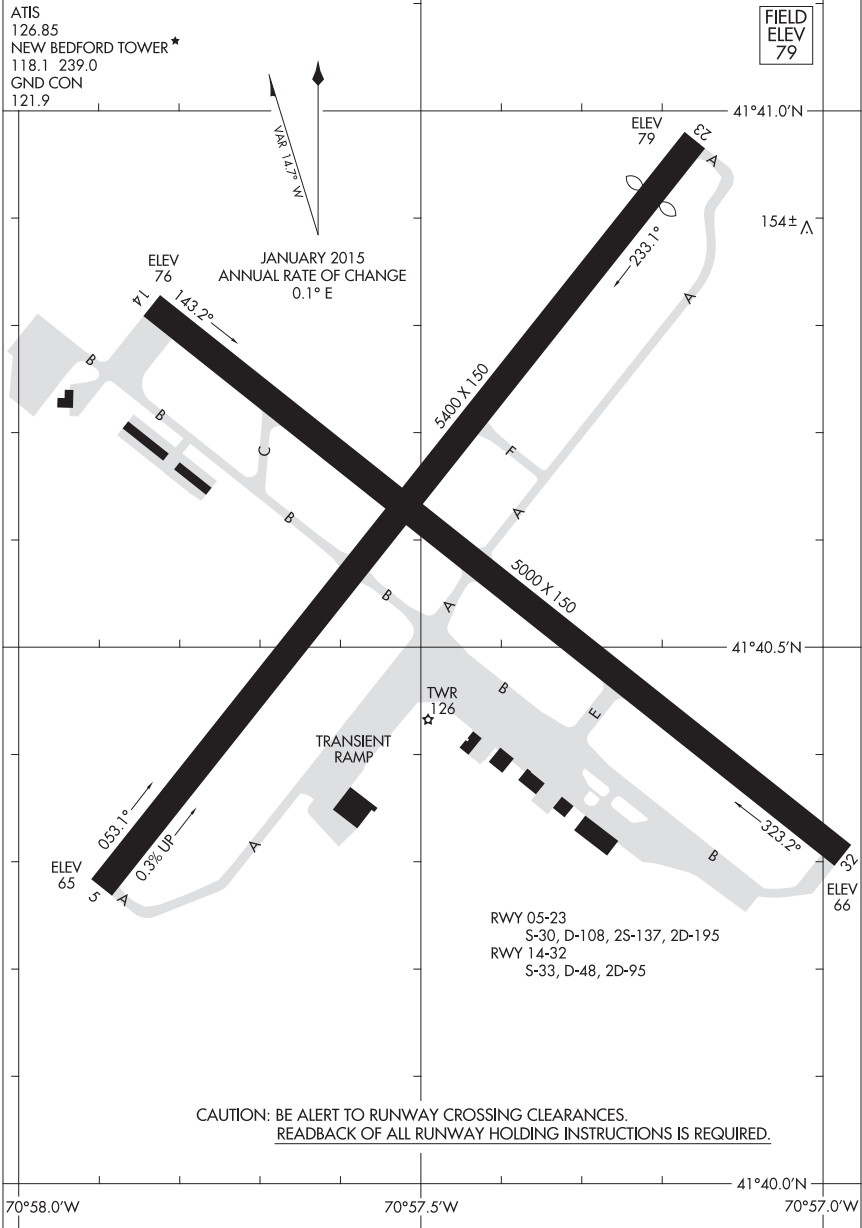
NASHUA, NEW HAMPSHIRE
BOIRE FIELD (ASH)

15288

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

15288

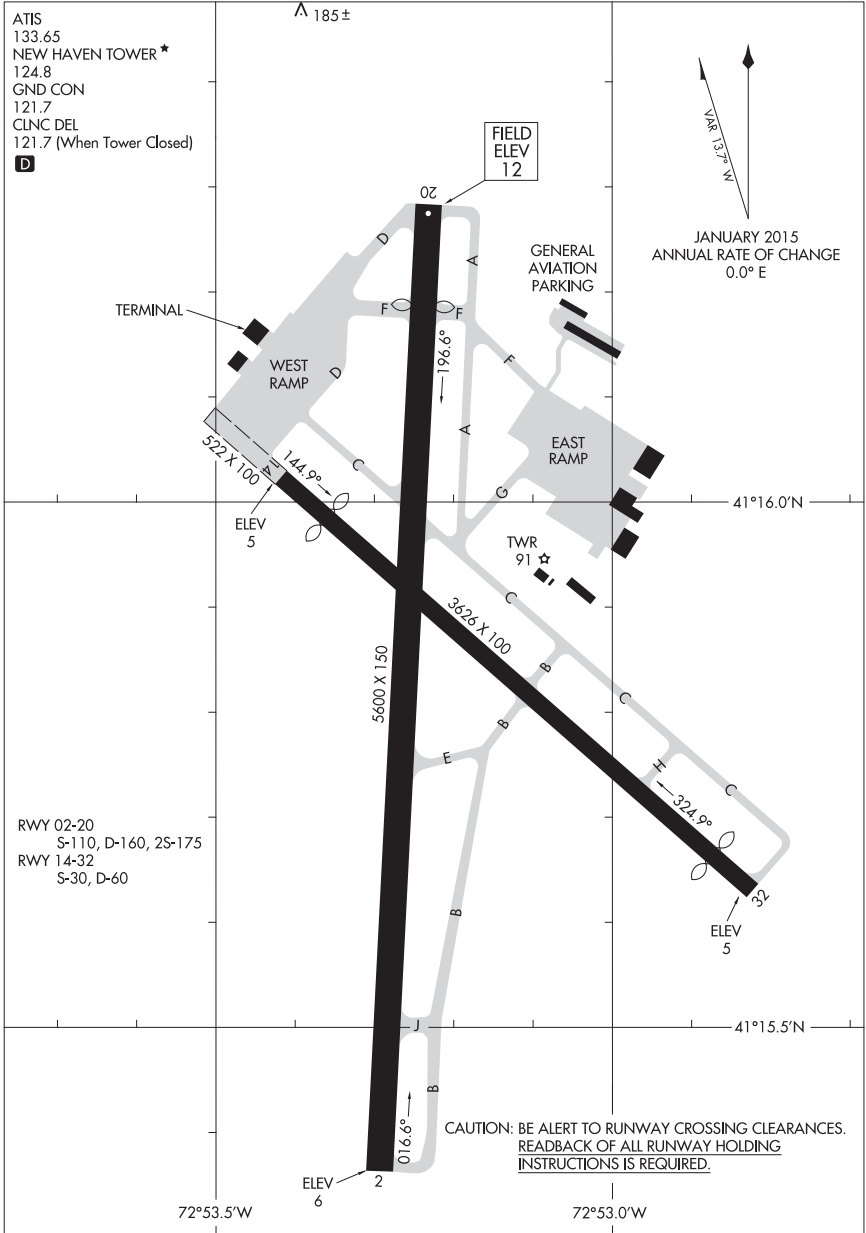
NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

15064

AIRPORT DIAGRAM

AL-671 (FAA)

TWEED-NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT



AIRPORT DIAGRAM

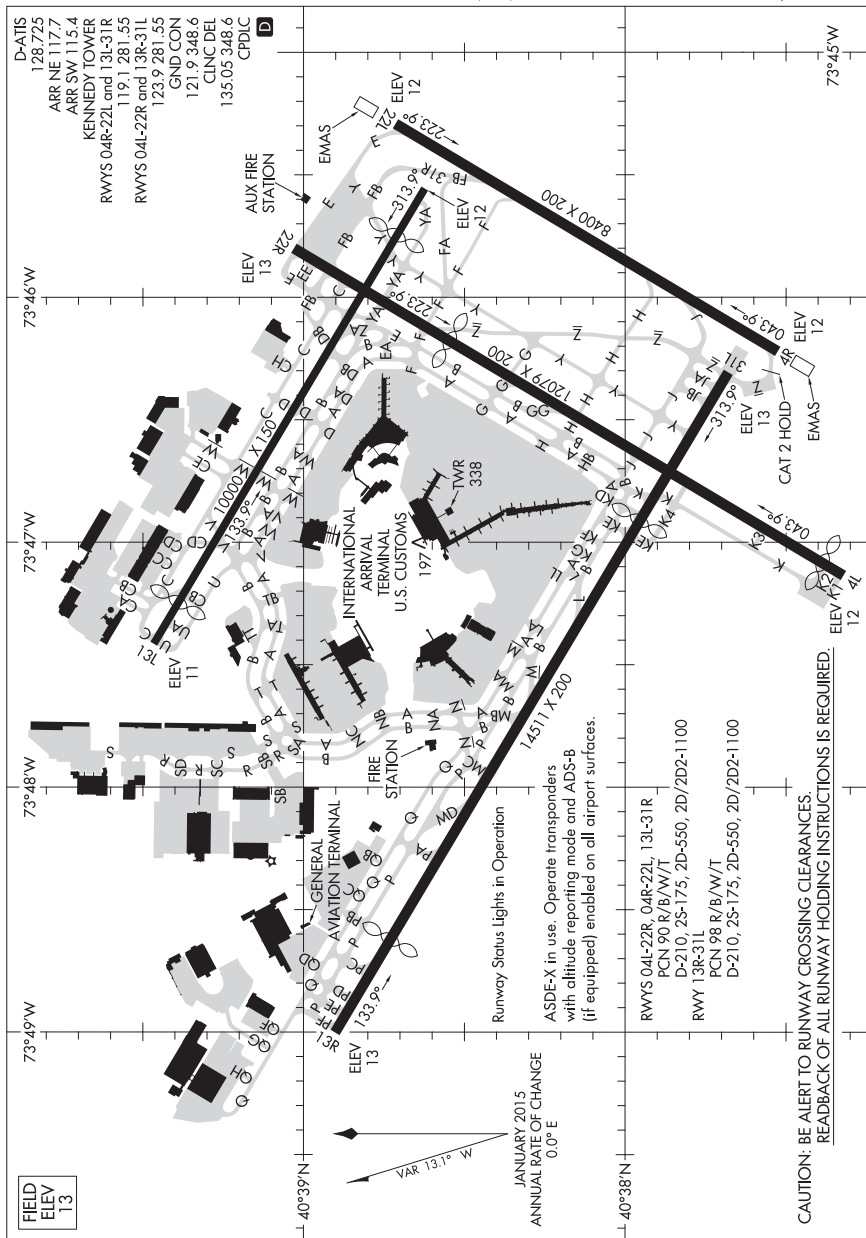
15064

NEW HAVEN, CONNECTICUT
TWEED-NEW HAVEN (HVN)

17173
AIRPORT DIAGRAM

JOHN F. KENNEDY INTL (JFK)
NEW YORK, NEW YORK

AL-610 (FAA)



AIRPORT DIAGRAM
17173

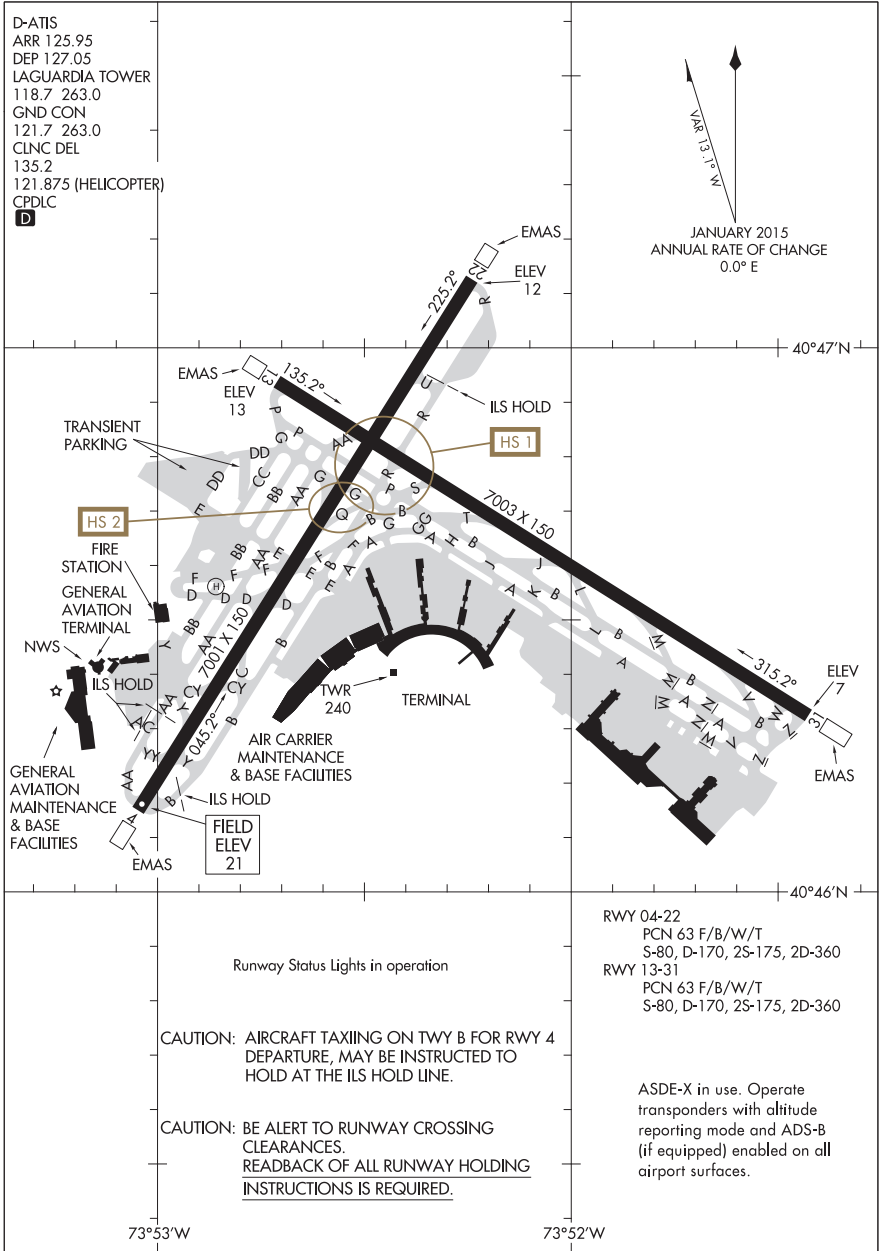
NEW YORK, NEW YORK
JOHN F. KENNEDY INTL (JFK)

17117

AIRPORT DIAGRAM

AL-289 (FAA)

LAGUARDIA (L.G.A.)
NEW YORK, NEW YORK



AIRPORT DIAGRAM
17117

NEW YORK, NEW YORK
LAGUARDIA (L.G.A.)

AIRPORT DIAGRAM

LONG ISLAND MAC ARTHUR (ISP)
NEW YORK, NEW YORK

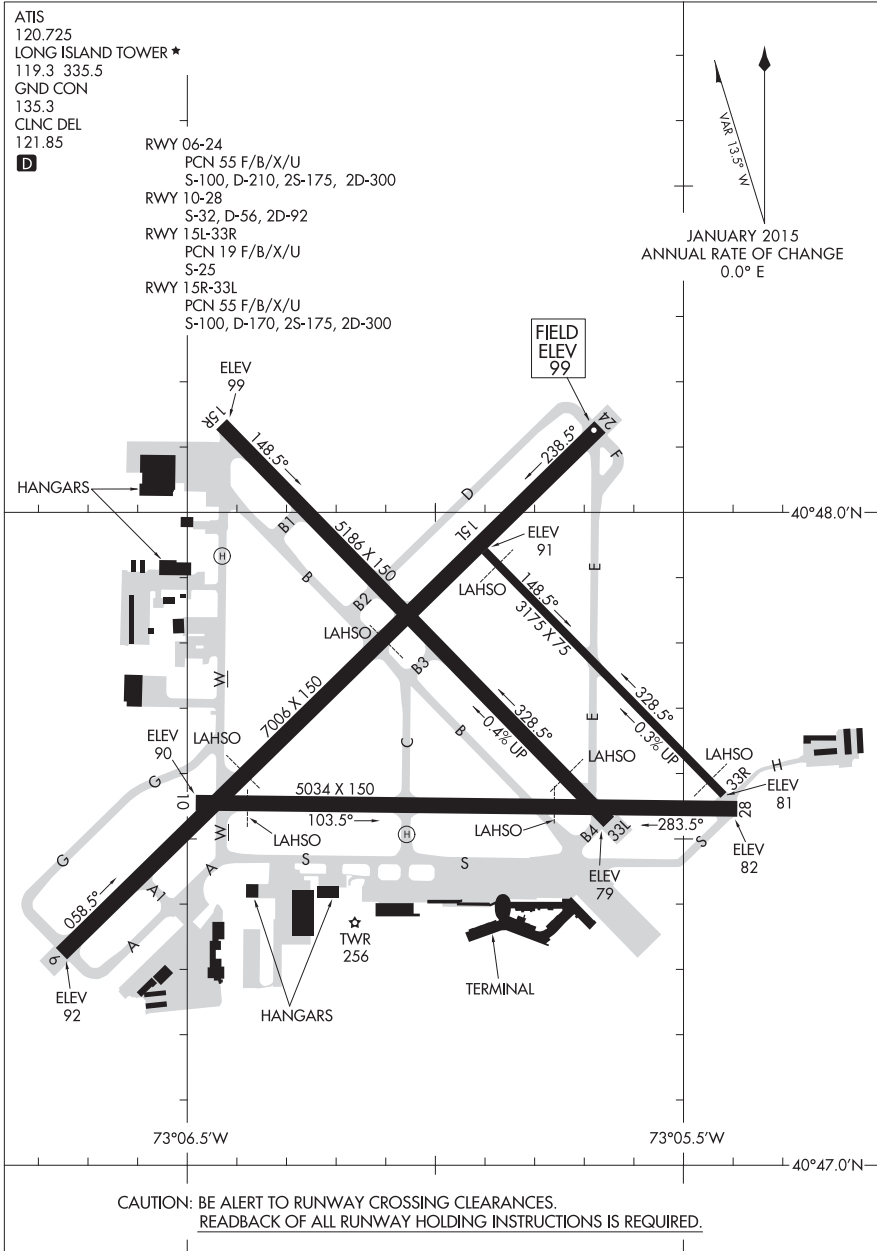
AL-948 (FAA)

17117

ATIS
 120.725
 LONG ISLAND TOWER ★
 119.3 335.5
 GND CON
 135.3
 CLNC DEL
 121.85
D

RWY 06-24
 PCN 55 F/B/X/U
 S-100, D-210, 2S-175, 2D-300
 RWY 10-28
 S-32, D-56, 2D-92
 RWY 15L-33R
 PCN 19 F/B/X/U
 S-25
 RWY 15R-33L
 PCN 55 F/B/X/U
 S-100, D-170, 2S-175, 2D-300

VAR 13.5° W
 JANUARY 2015
 ANNUAL RATE OF CHANGE
 0.0° E



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
 READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

LONG ISLAND MAC ARTHUR (ISP)
NEW YORK, NEW YORK

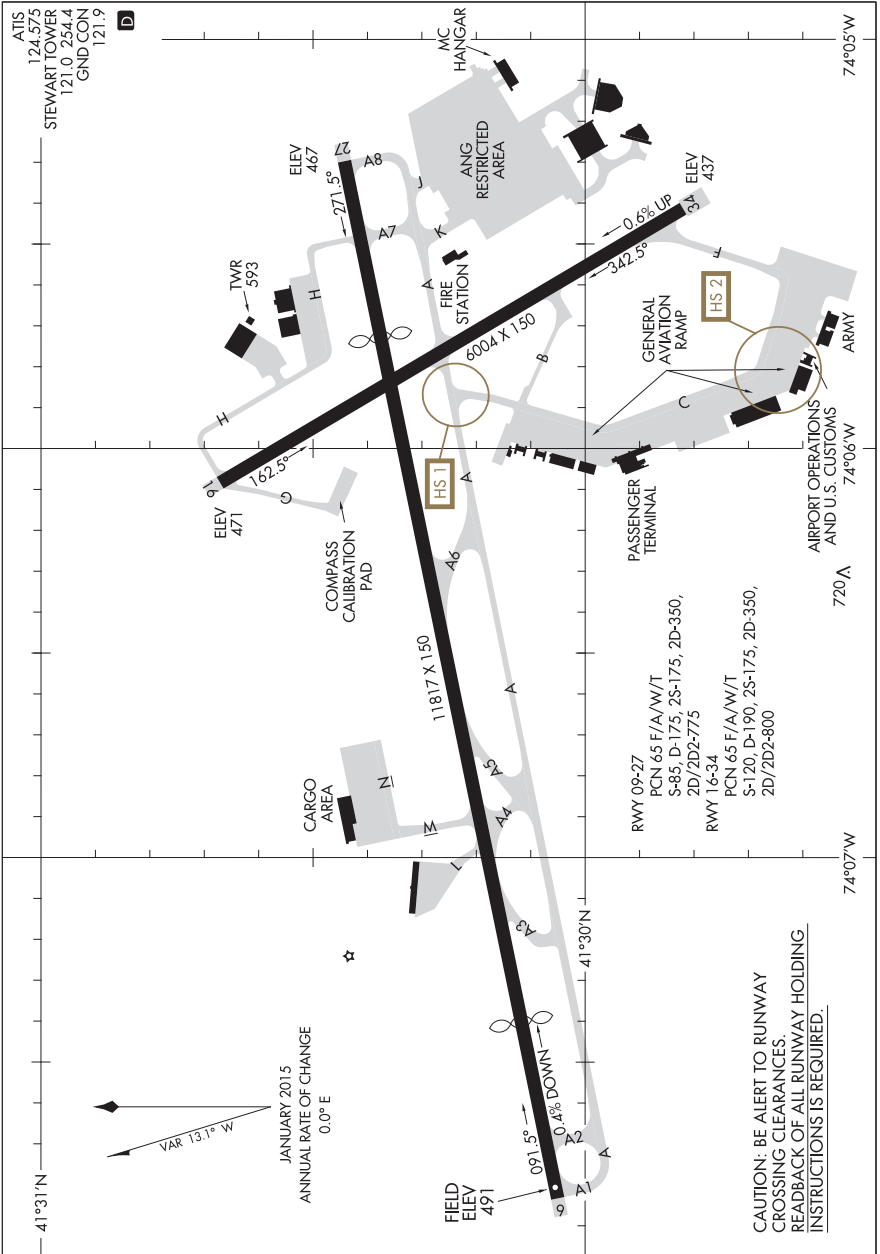
17117

16259

AIRPORT DIAGRAM

AL-450 (FAA)

STEWART INTL (SWF)
NEW YORK, NEW YORK



AIRPORT DIAGRAM

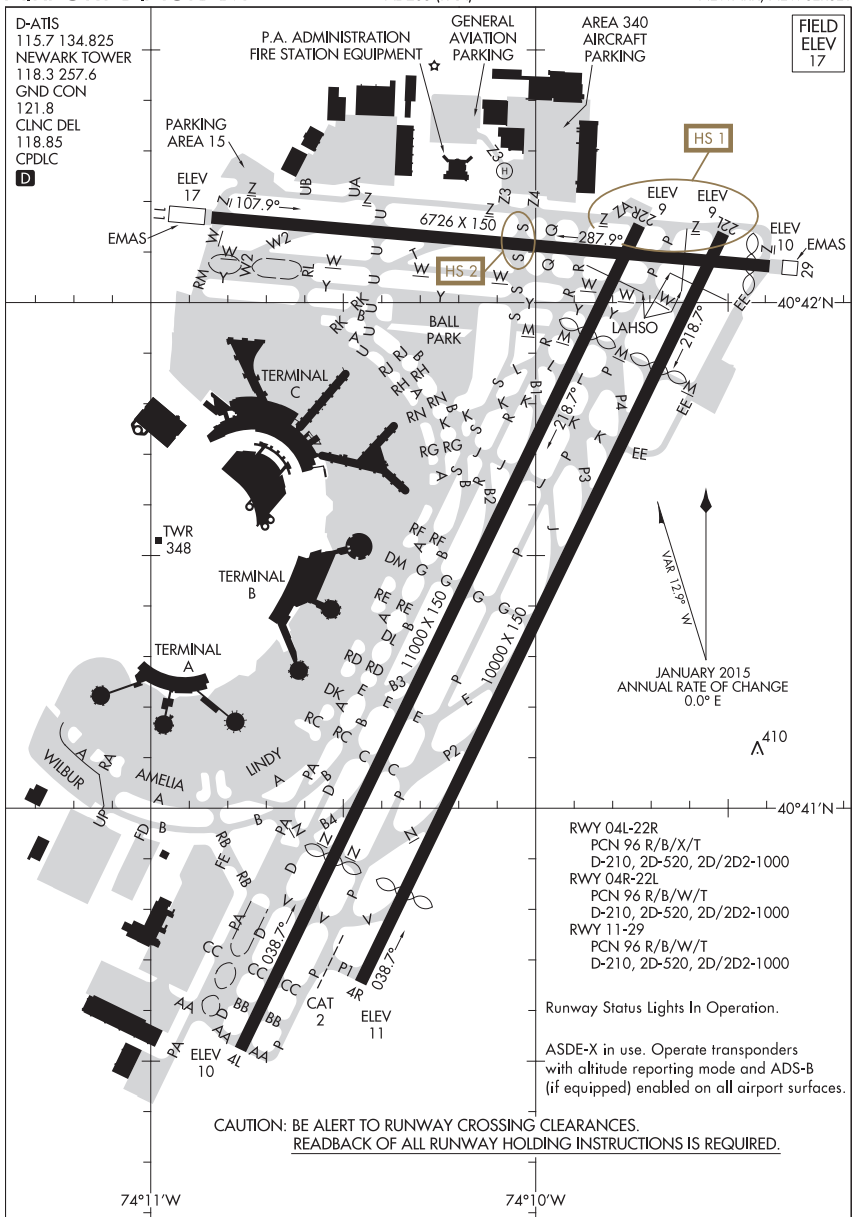
16259

NEW YORK, NEW YORK
STEWART INTL (SWF)

17117

AIRPORT DIAGRAM

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



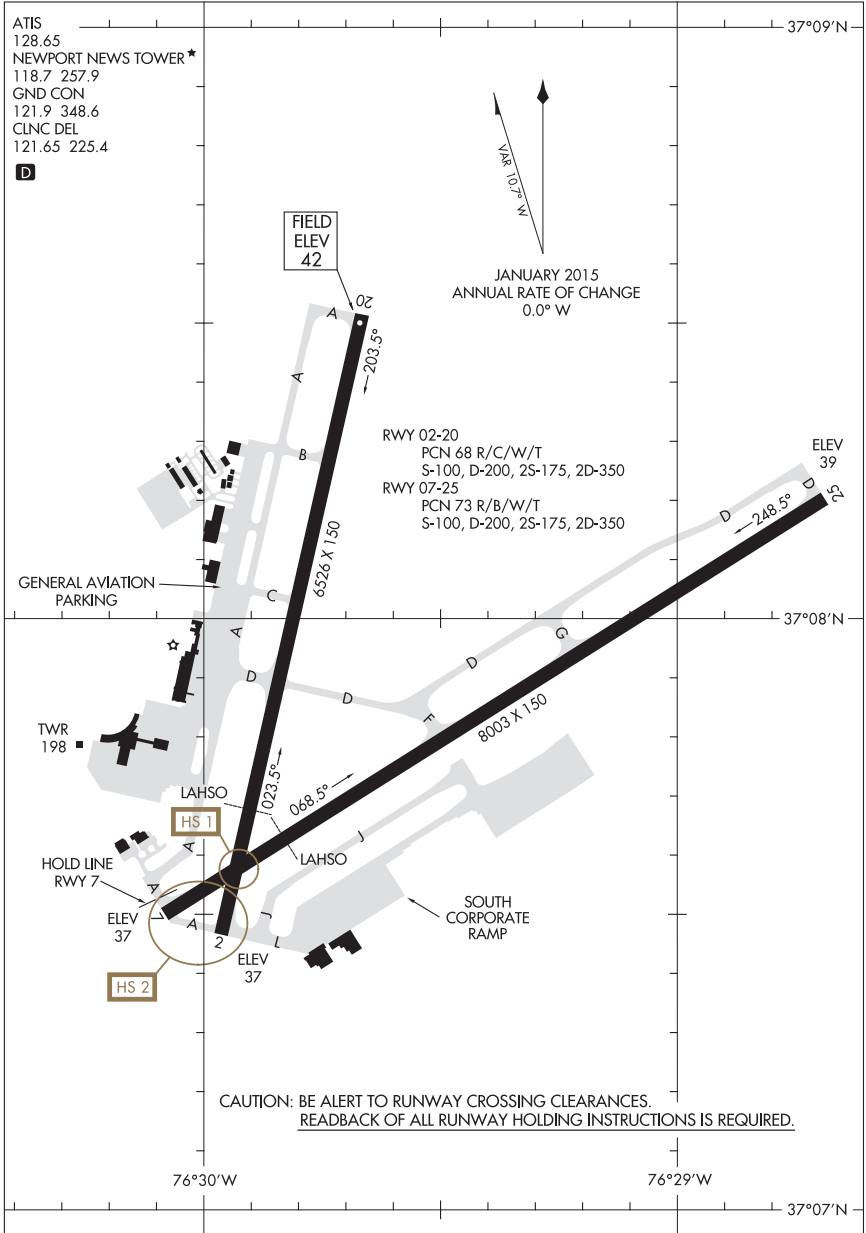
AIRPORT DIAGRAM
17117

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

15288

AIRPORT DIAGRAM

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)
AL-957 (FAA) NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM

15288

NEWPORT NEWS, VIRGINIA
NEWPORT NEWS/WILLIAMSBURG INTL (PHF)

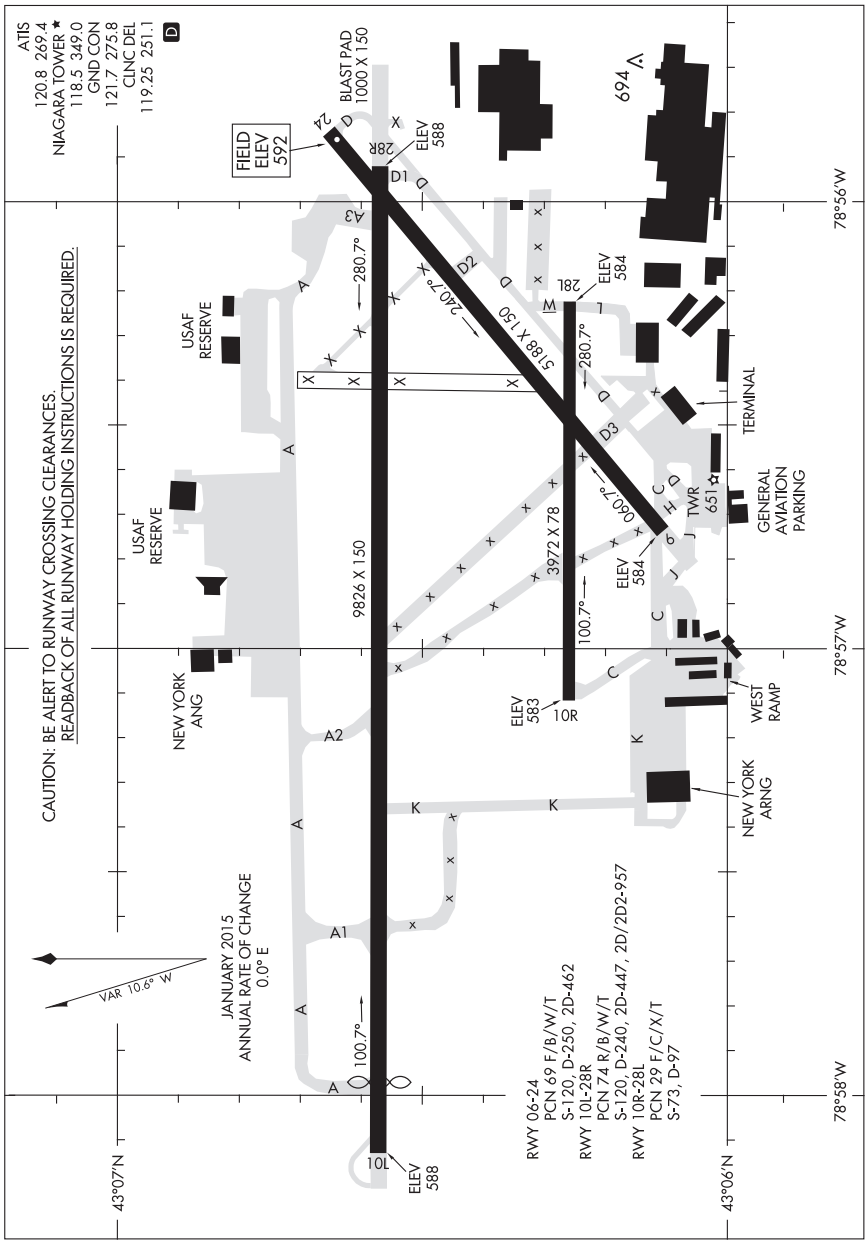
15288

AIRPORT DIAGRAM

AL-614 (FAA)

NIAGARA FALLS INTL (IAG)

NIAGARA FALLS, NEW YORK



AIRPORT DIAGRAM

15288

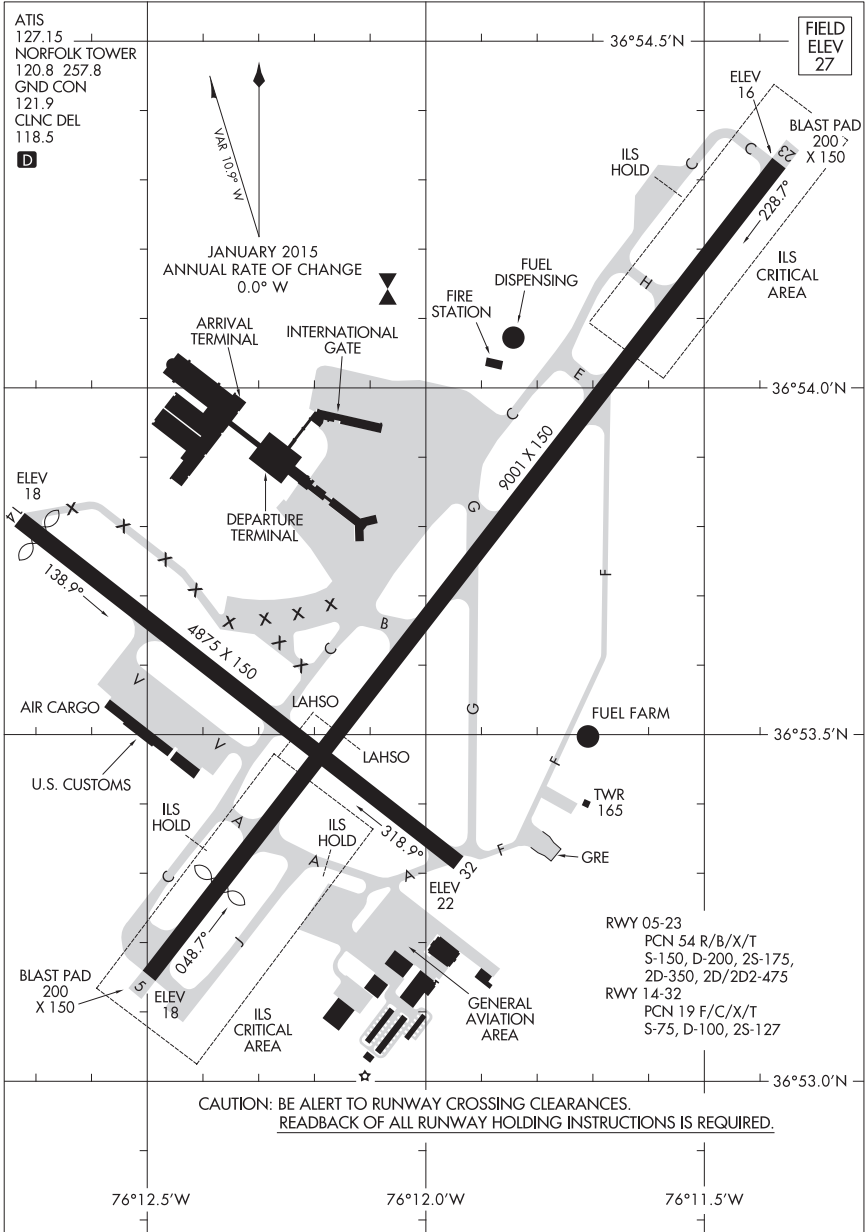
NIAGARA FALLS, NEW YORK
NIAGARA FALLS INTL (IAG)

15064

AIRPORT DIAGRAM

AL-291 (FAA)

NORFOLK INTL (ORF)
NORFOLK, VIRGINIA



AIRPORT DIAGRAM

15064

NORFOLK, VIRGINIA
NORFOLK INTL (ORF)

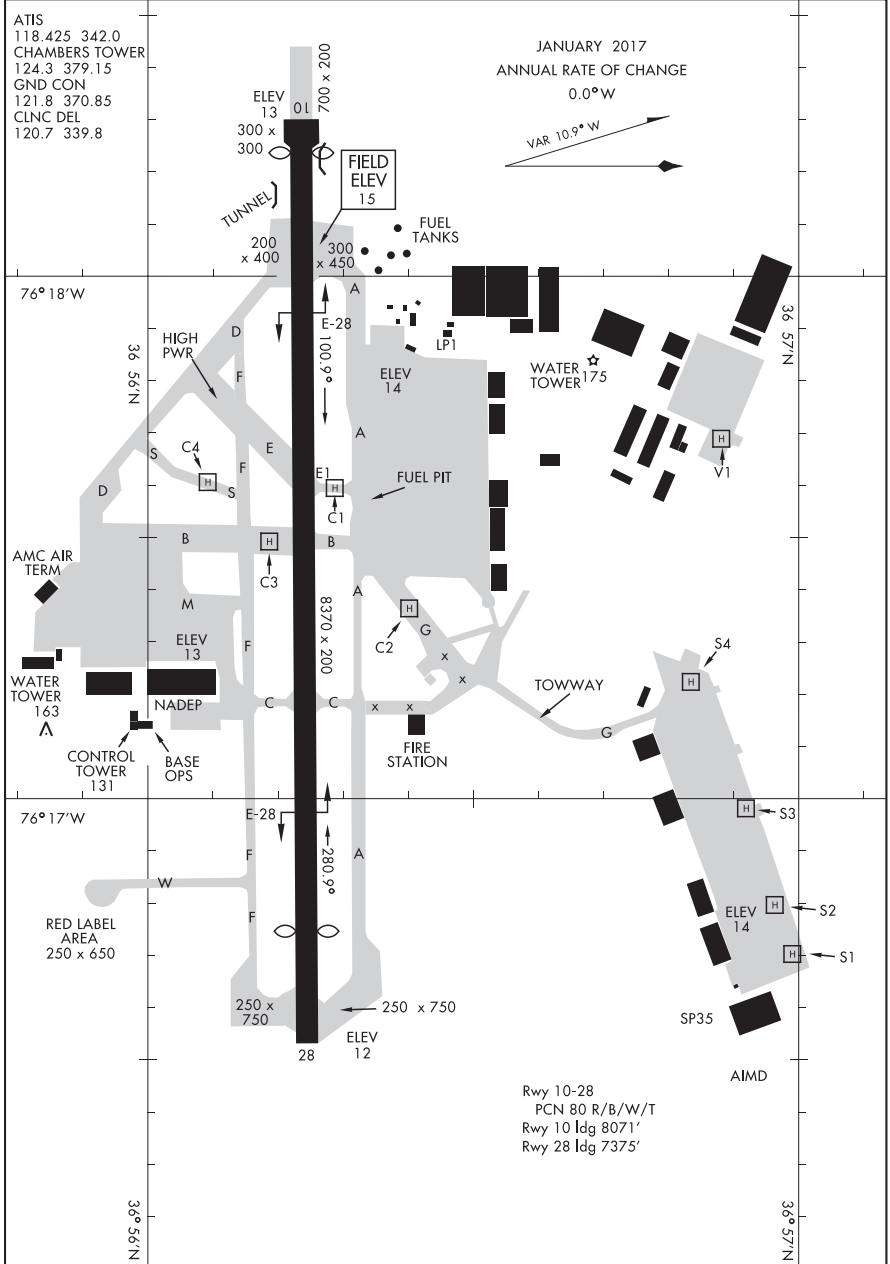
17005

NORFOLK NS (CHAMBERS FIELD) (KNGU)

AIRPORT DIAGRAM

AFD-290 [USN]

NORFOLK, VIRGINIA



AIRPORT DIAGRAM

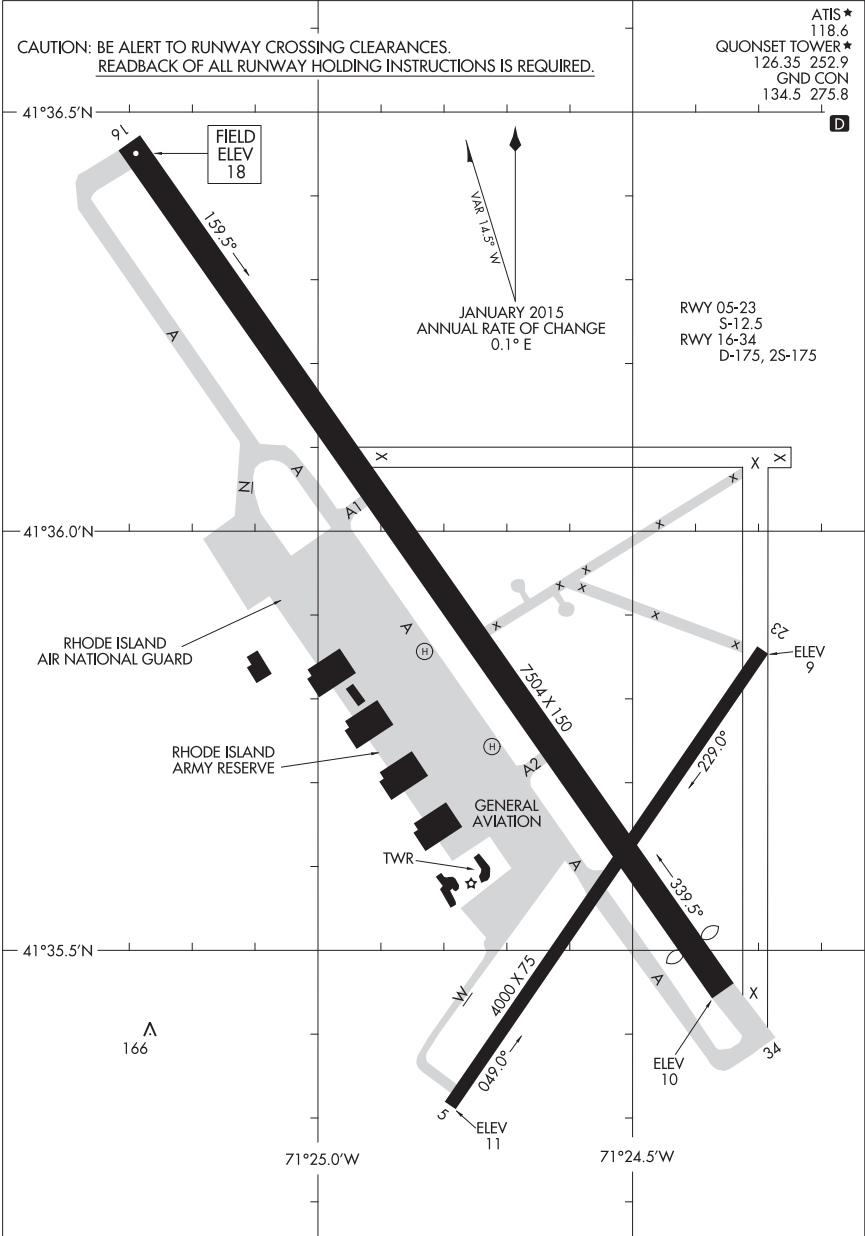
NORFOLK, VIRGINIA
NORFOLK NS (CHAMBERS FIELD) (KNGU)

16147

AIRPORT DIAGRAM

AL-338 (FAA)

QUONSET STATE (OQU)
NORTH KINGSTOWN, RHODE ISLAND



AIRPORT DIAGRAM

NORTH KINGSTOWN, RHODE ISLAND
QUONSET STATE (OQU)

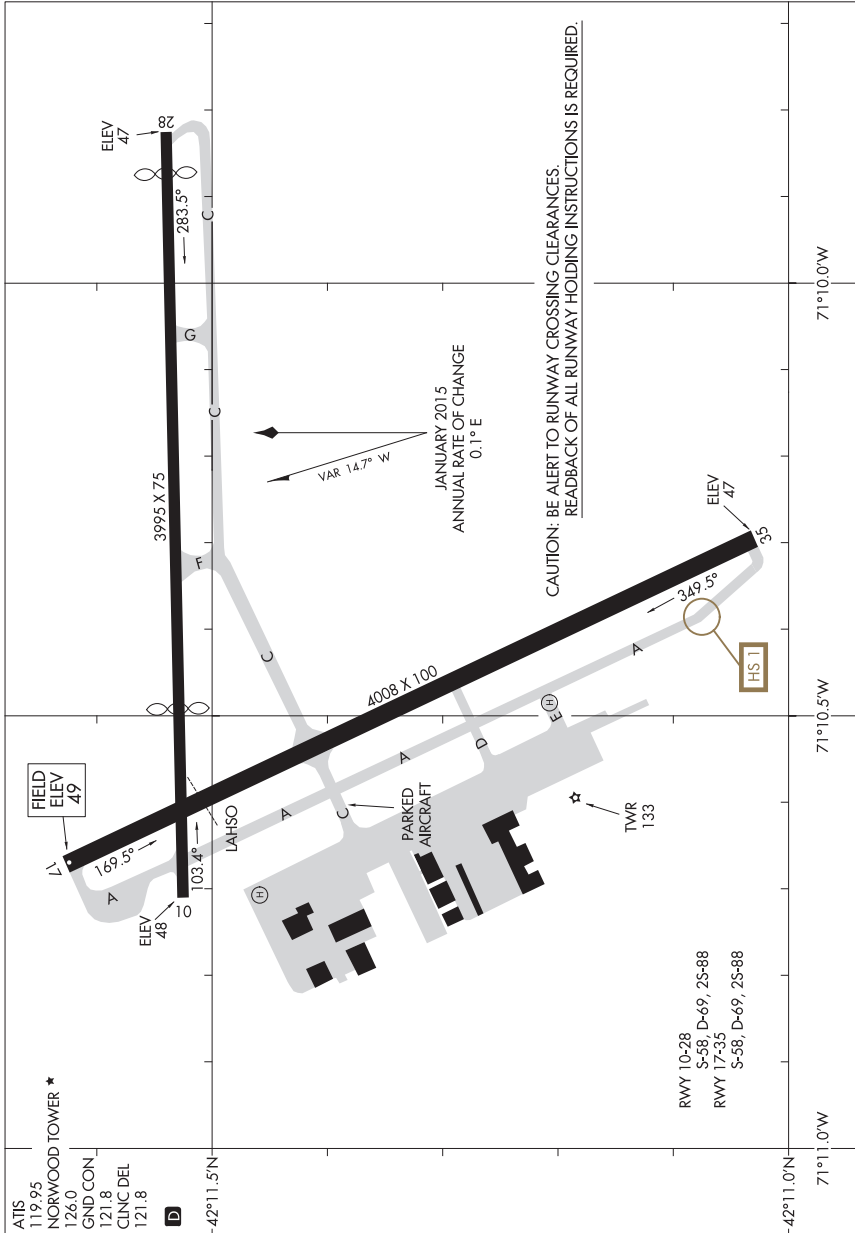
16147

15064

AIRPORT DIAGRAM

AL-725 (FAA)

NORWOOD MEMORIAL (0WD)
NORWOOD, MASSACHUSETTS



AIRPORT DIAGRAM

15064

NORWOOD, MASSACHUSETTS
NORWOOD MEMORIAL (0WD)

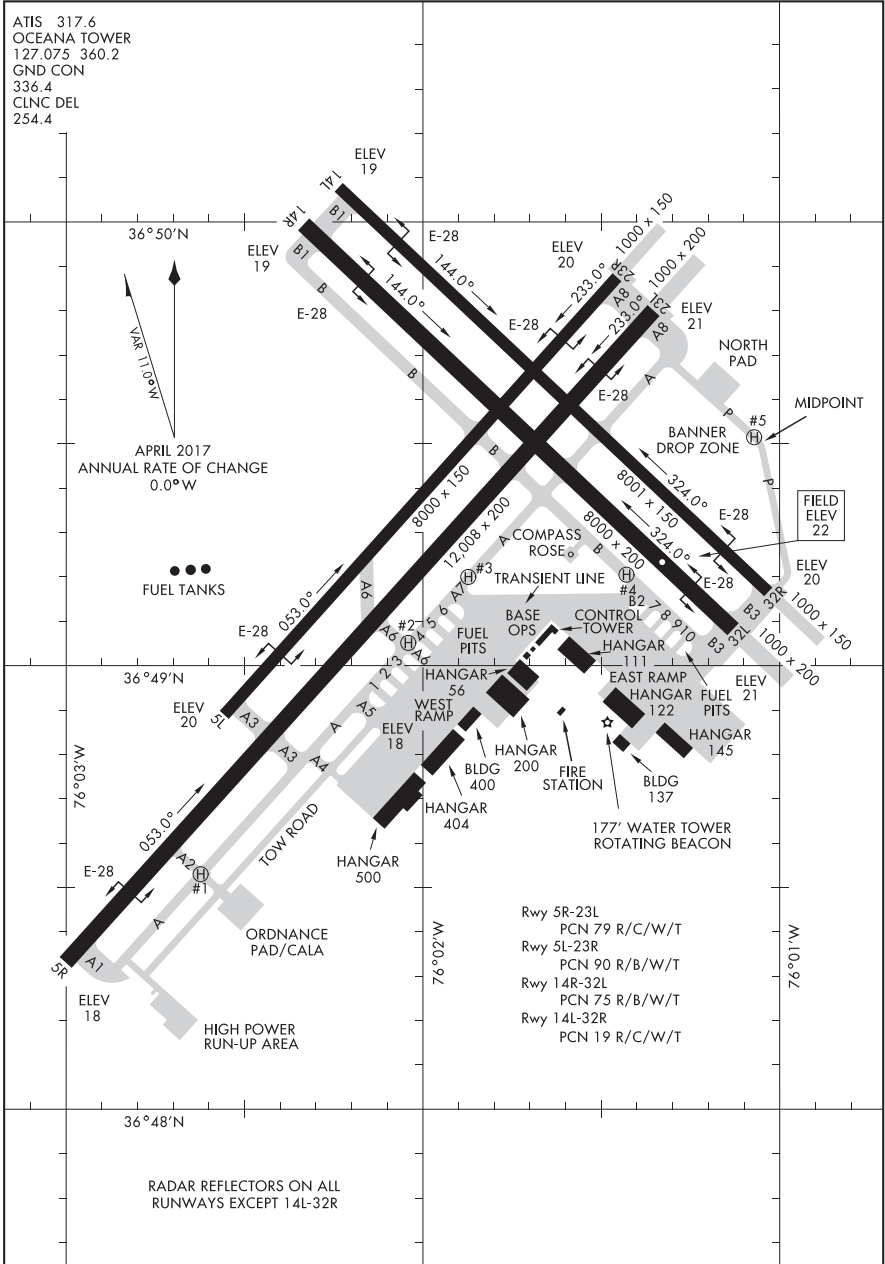
17117

OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

AIRPORT DIAGRAM

AFD-934 [USN]

VIRGINIA BEACH, VIRGINIA



AIRPORT DIAGRAM

VIRGINIA BEACH, VIRGINIA
OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

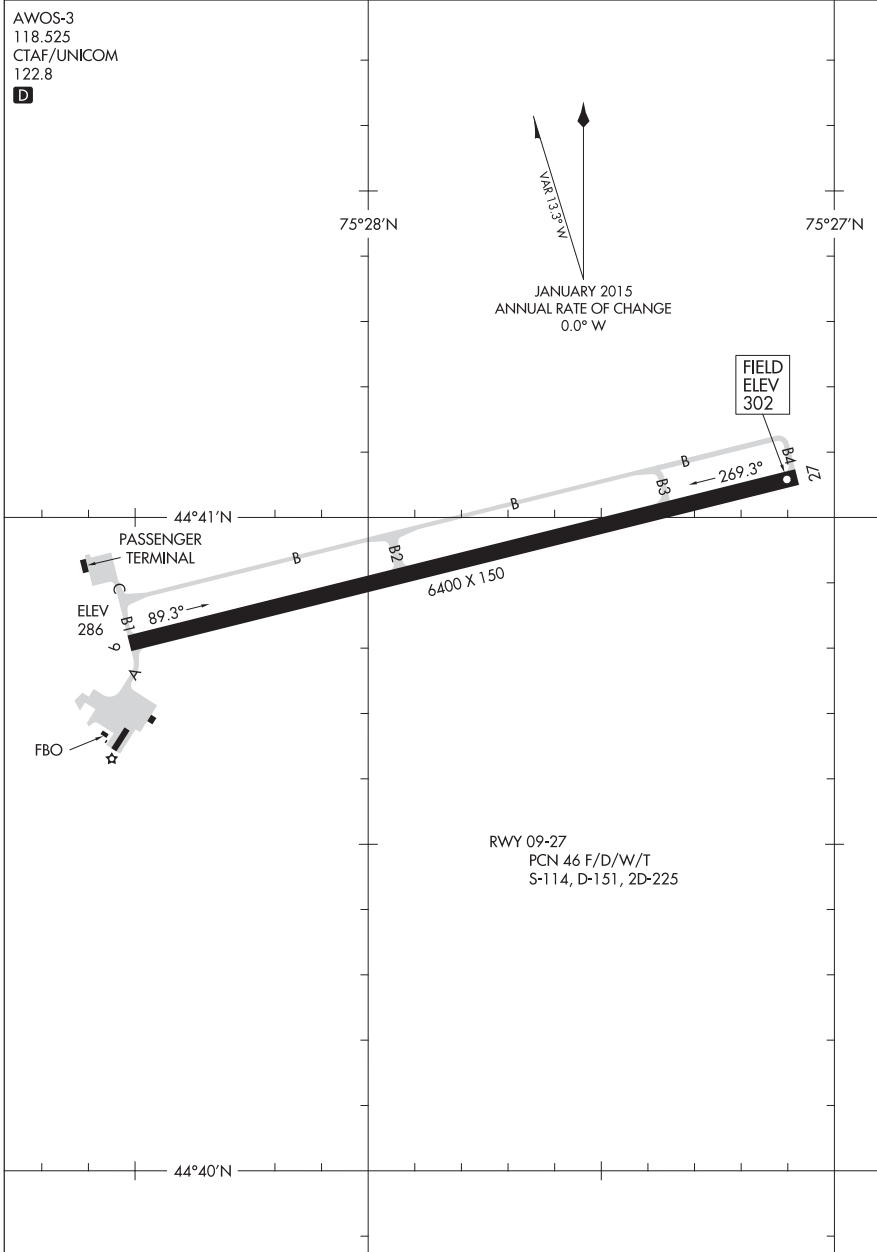
17005

AIRPORT DIAGRAM

AL-5207 (FAA)

OGDENSBURG INTL (OGS)

OGDENSBURG, NEW YORK



AIRPORT DIAGRAM

17005

OGDENSBURG, NEW YORK

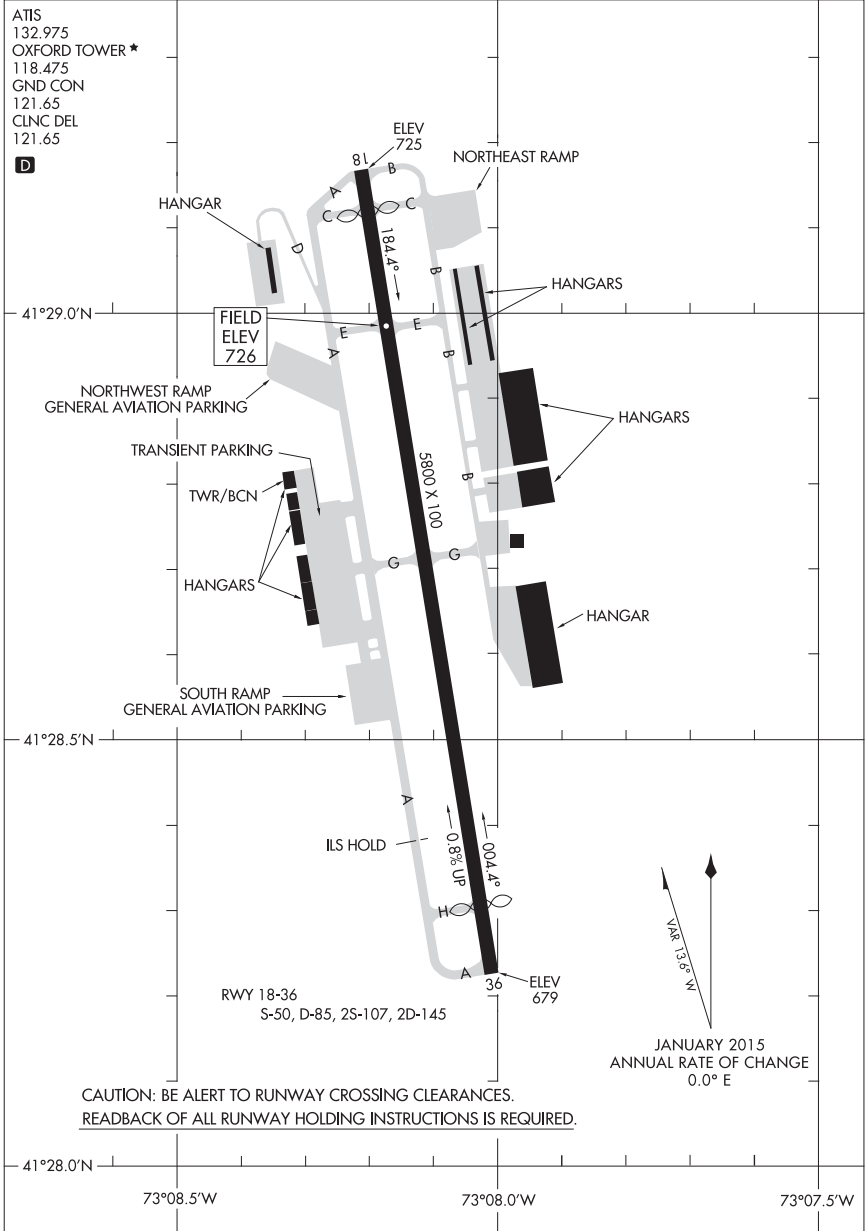
OGDENSBURG INTL (OGS)

15064

AIRPORT DIAGRAM

AL-5785 (FAA)

WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



AIRPORT DIAGRAM

15064

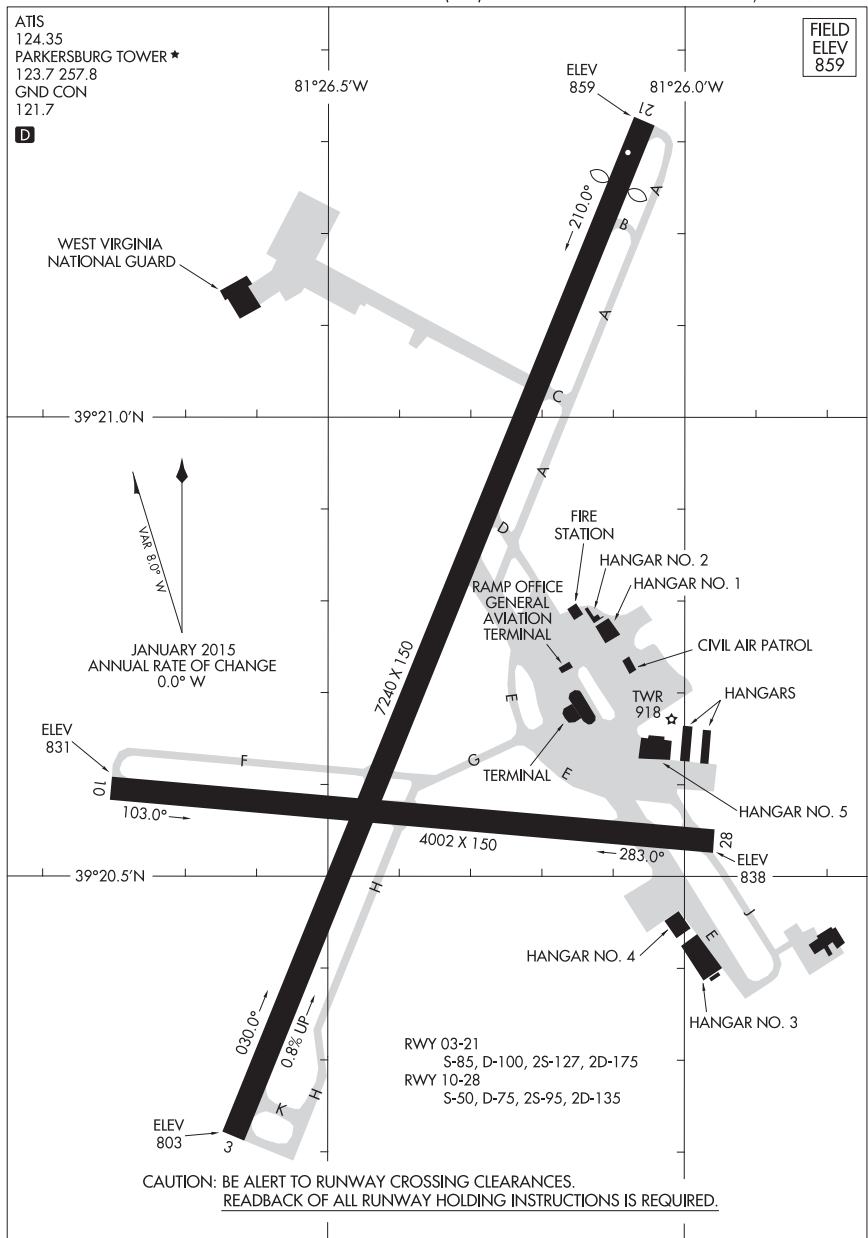
OXFORD, CONNECTICUT
WATERBURY-OXFORD (OXC)

15064

AIRPORT DIAGRAM

AL-646 (FAA)

MID-OHIO VALLEY RGNL (PKB)
PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

15064

PARKERSBURG, WEST VIRGINIA

MID-OHIO VALLEY RGNL (PKB)

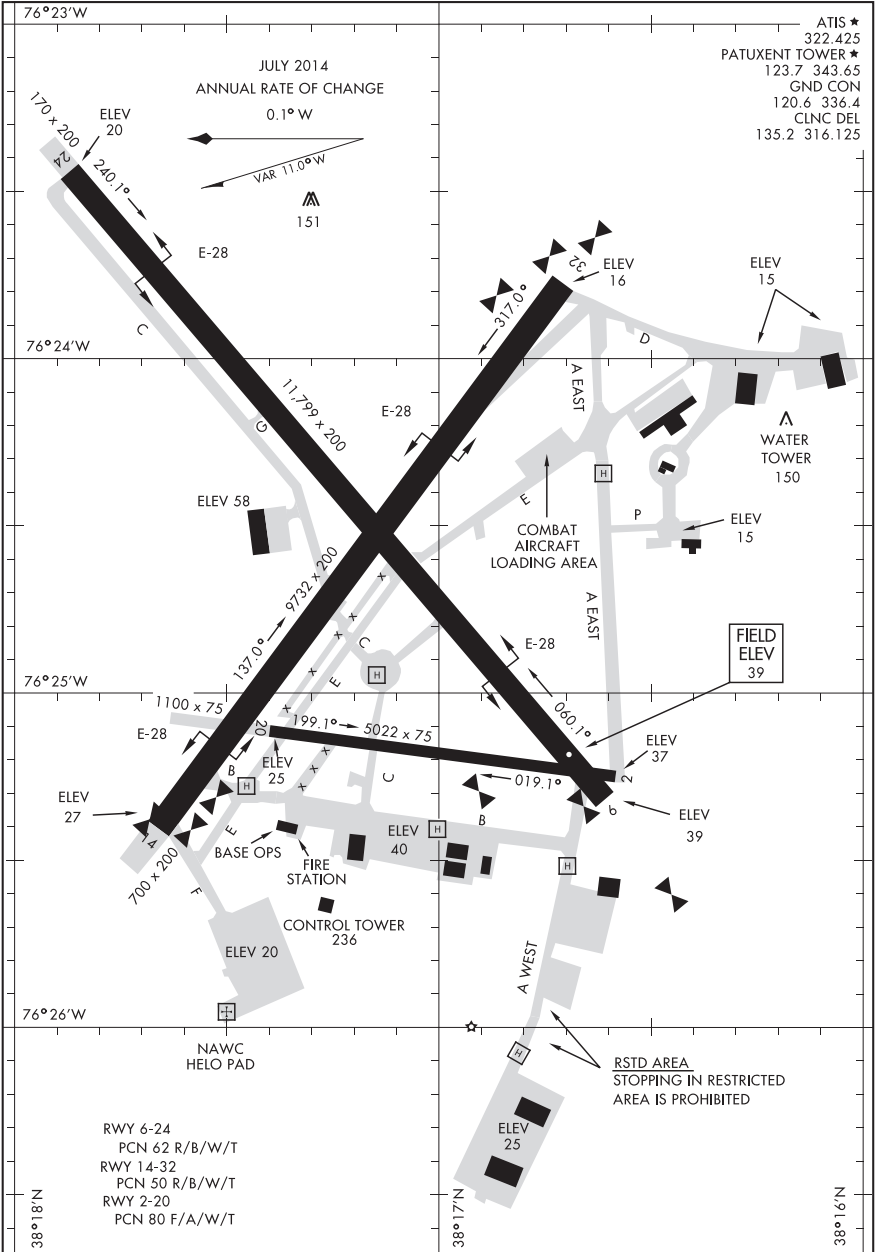
14205

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

AIRPORT DIAGRAM

AFD-314 [USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

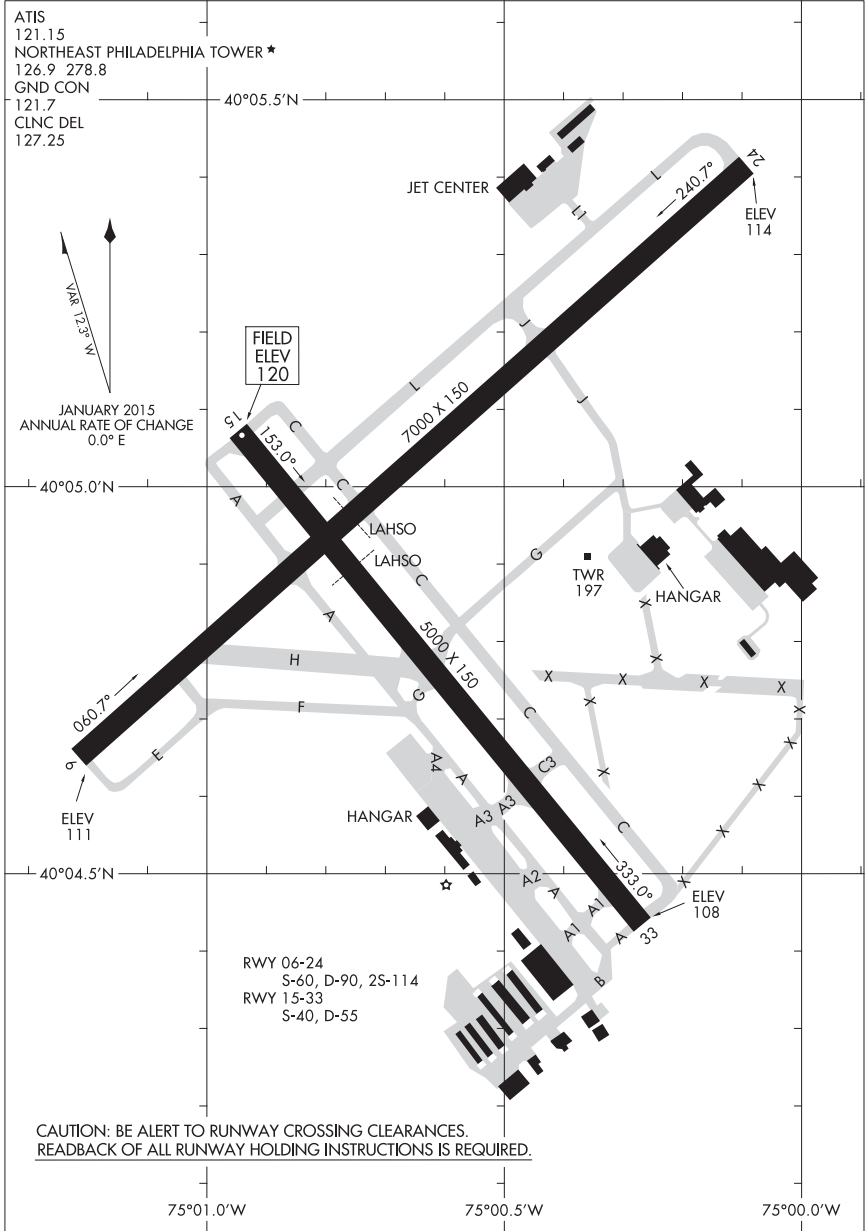
PATUXENT RIVER, MARYLAND
PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

16147

AIRPORT DIAGRAM

AL-528 (FAA)

NORTHEAST PHILADELPHIA (PNE)
PHILADELPHIA, PENNSYLVANIA



AIRPORT DIAGRAM

16147

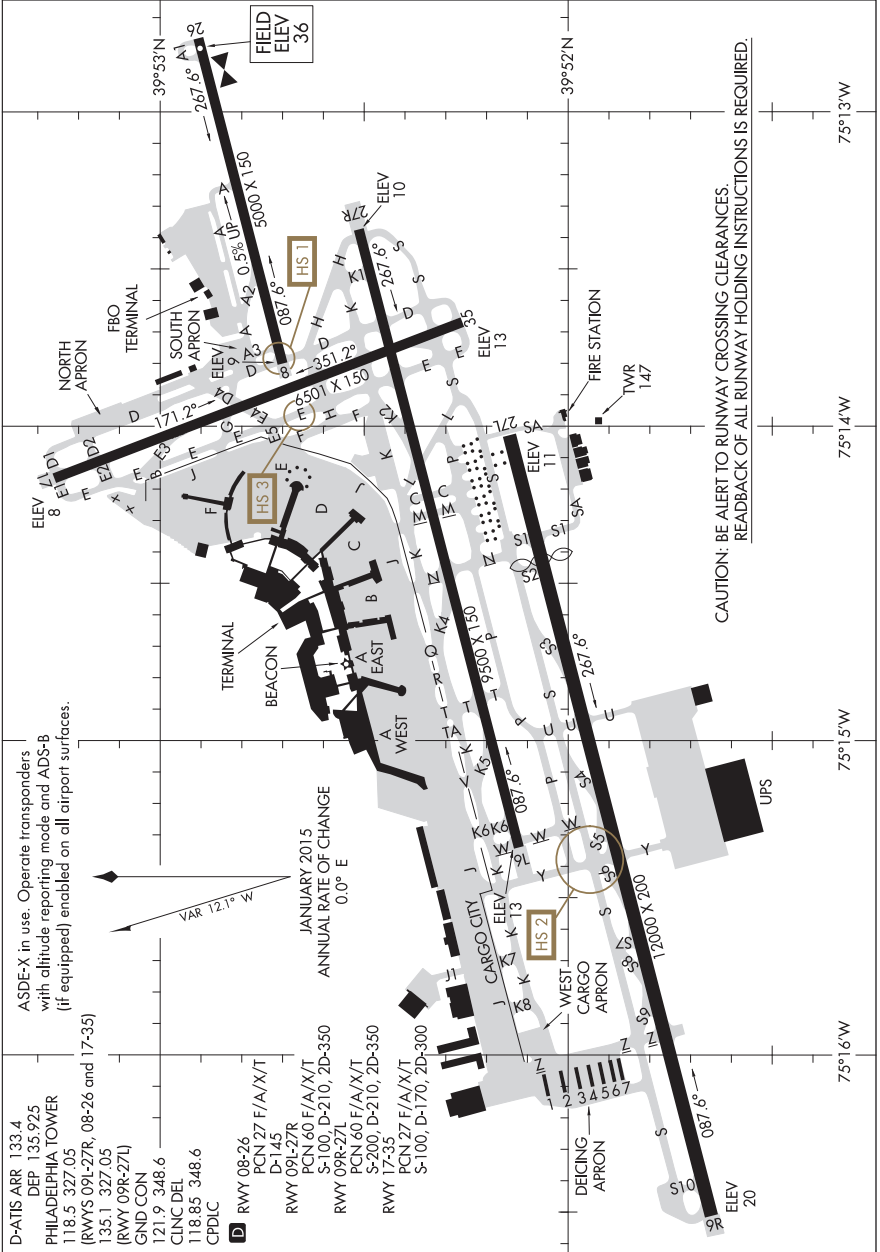
PHILADELPHIA, PENNSYLVANIA
NORTHEAST PHILADELPHIA (PNE)

17229

AIRPORT DIAGRAM

AL-320 (FAA)

PHILADELPHIA INTL (PHL)
PHILADELPHIA, PENNSYLVANIA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.

D-ATIS ARR 133.4
DEP 135.925
PHILADELPHIA TOWER
118.5 327.05
RWYS 09L-27R, 08-26 and 17-35)
135.1 327.05
RWY 09R-27L
GND CON
121.9 348.6
CLNC DEL
118.85 348.6
CPDLC

D RWY 08-26
PCN 27 F/A/X/T
D-145
RWY 09L-27R
PCN 60 F/A/X/T
S-100, D-210, 2D-350
RWY 09R-27L F/A/X/T
PCN 60 F/A/X/T
S-200, D-210, 2D-350
RWY 17-35
PCN 27 F/A/X/T
S-100, D-170, 2D-300

VAR 12.1° W
ANNUAL RATE OF CHANGE 0.0° E
JANUARY 2015

AIRPORT DIAGRAM

17229

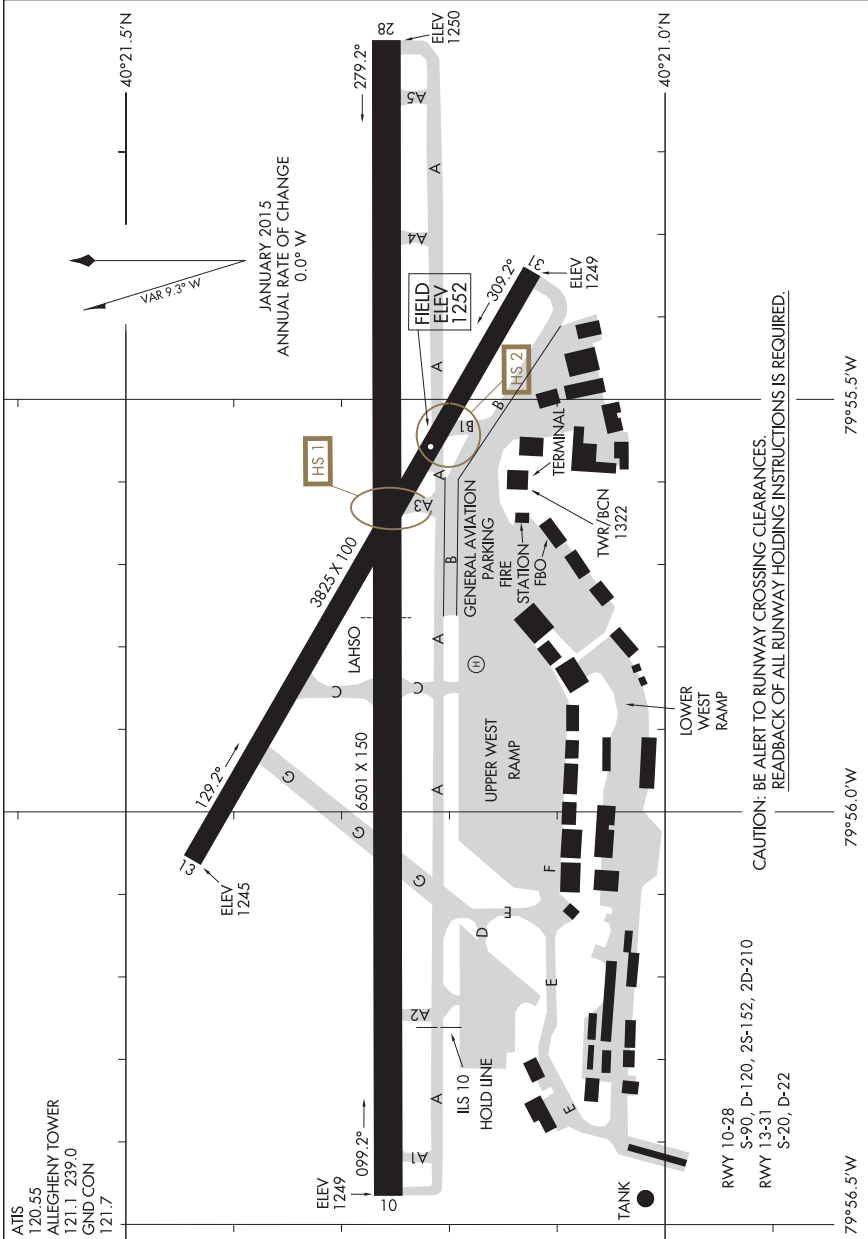
PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA INTL (PHL)

16147

AIRPORT DIAGRAM

AL-326 (FAA)

ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA



AIRPORT DIAGRAM

PITTSBURGH, PENNSYLVANIA
ALLEGHENY COUNTY (AGC)

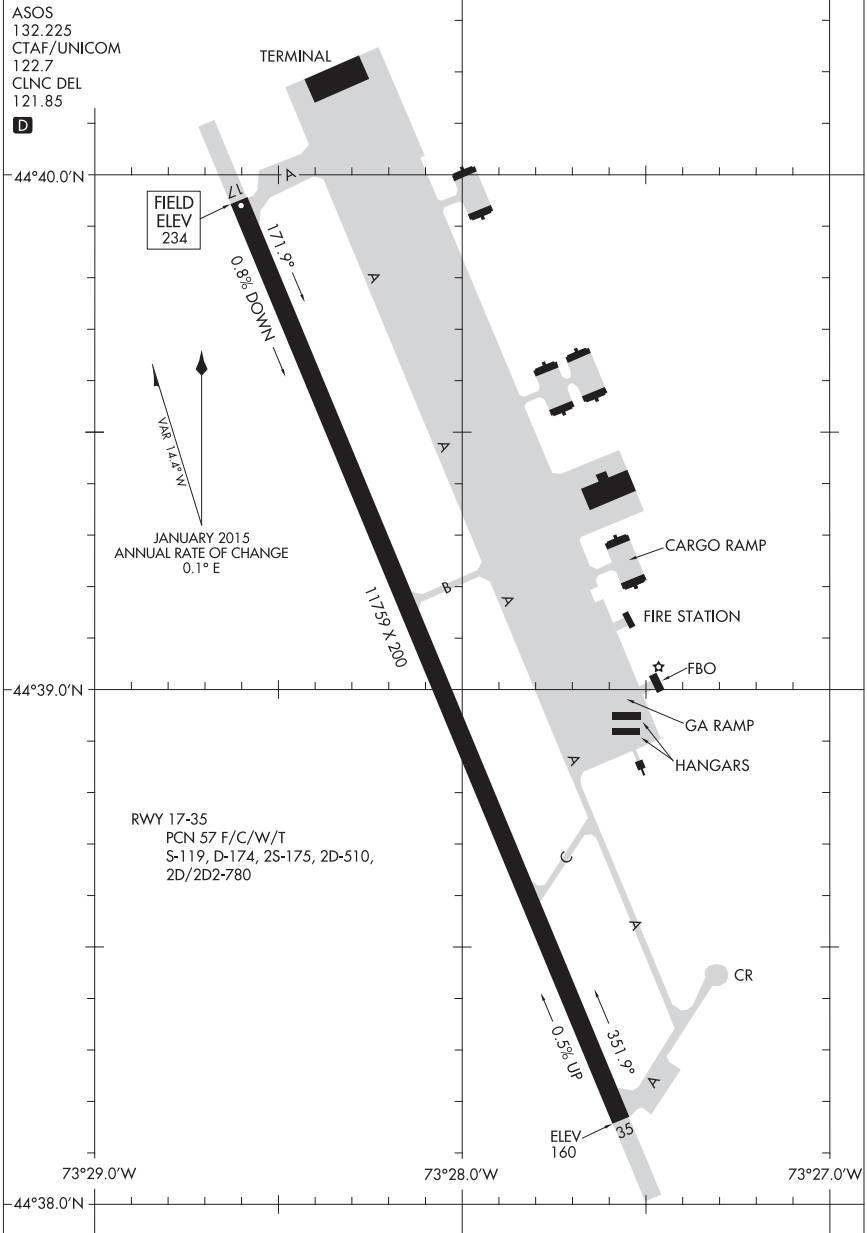
16147

16203

AIRPORT DIAGRAM

AL-729 (FAA)

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



AIRPORT DIAGRAM

16203

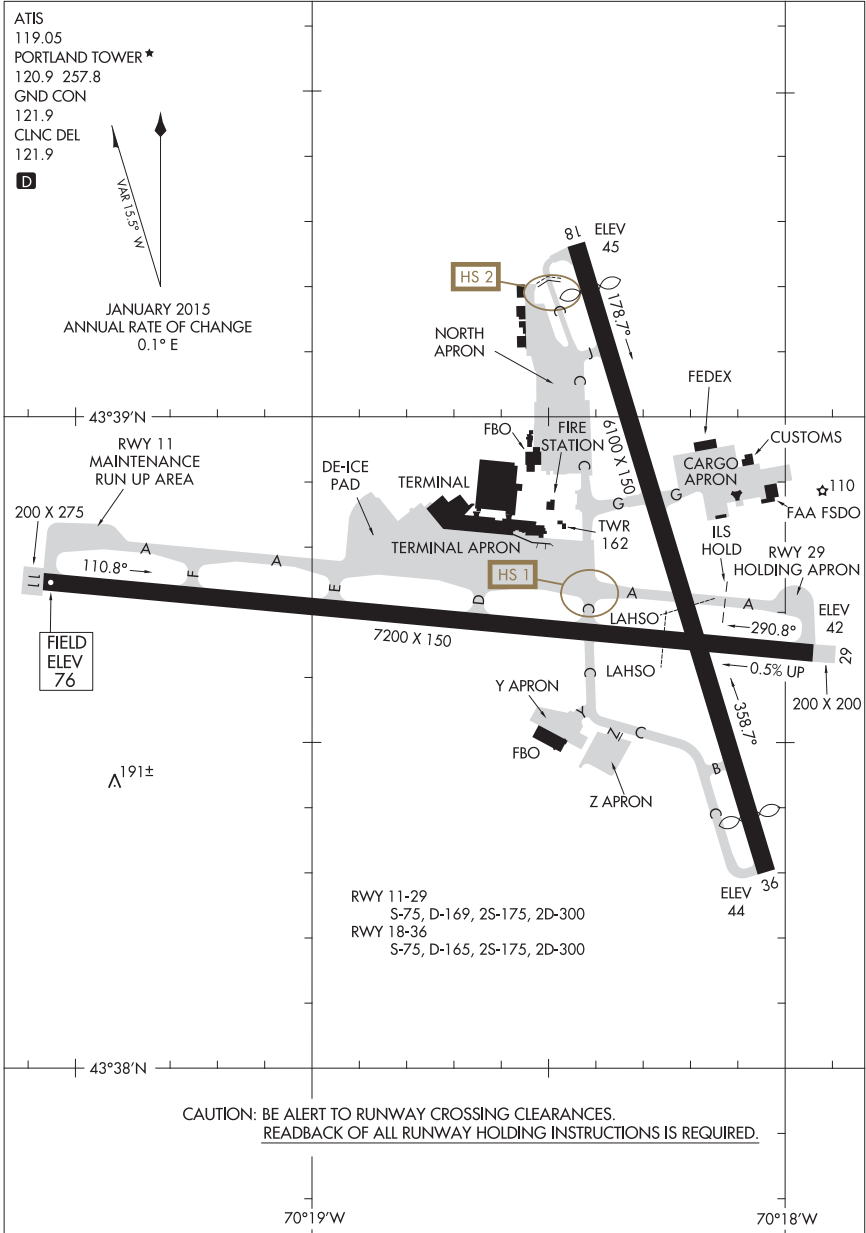
PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

17005

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE



AIRPORT DIAGRAM

17005

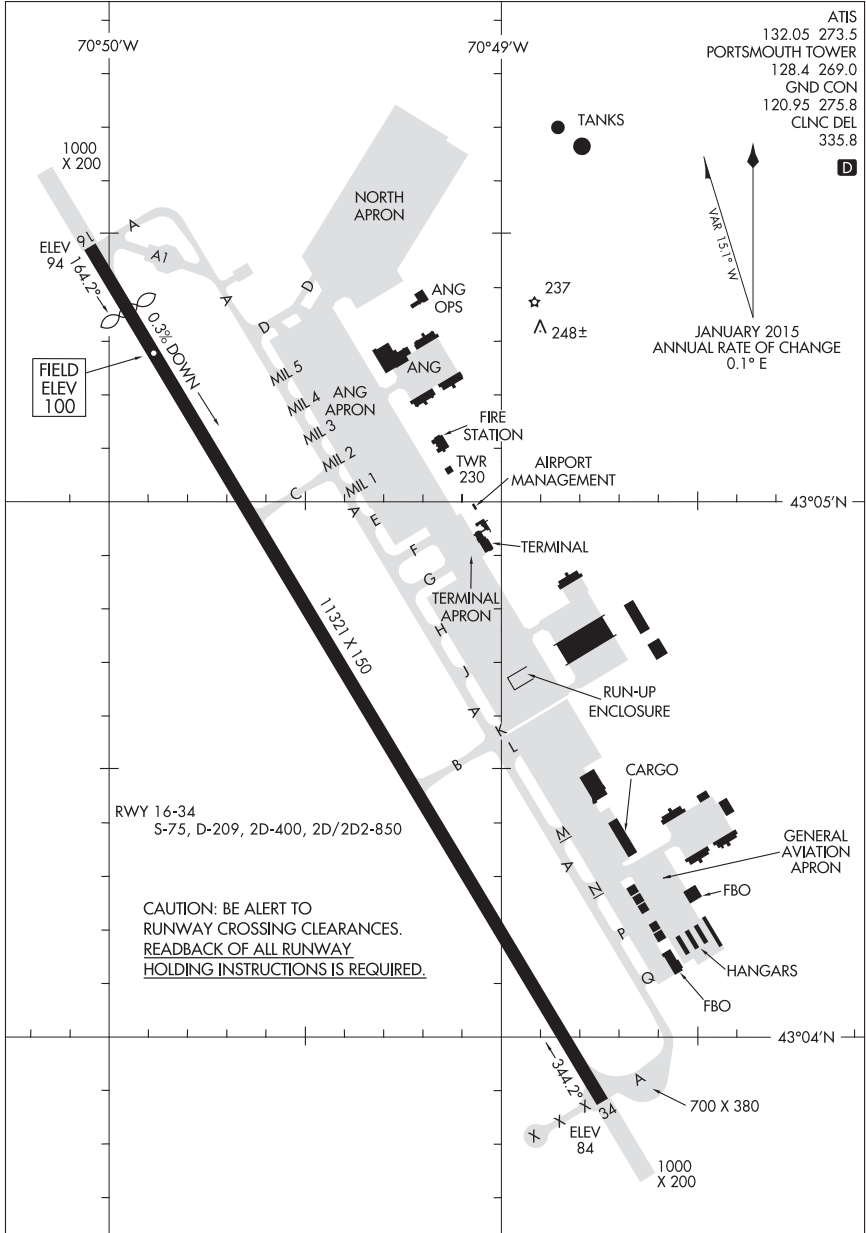
PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

15232

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)
PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

15232

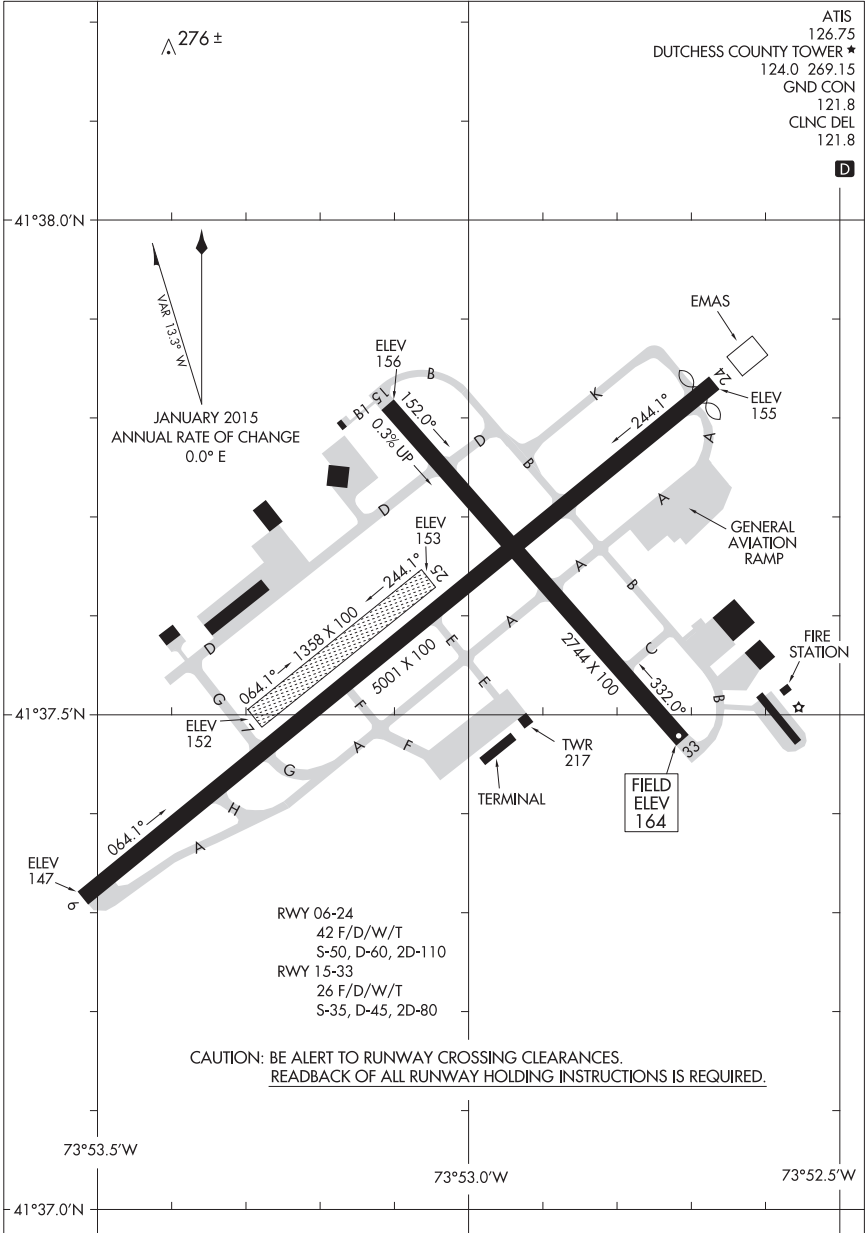
PORTSMOUTH, NEW HAMPSHIRE
PORTSMOUTH INTL AT PEASE (PSM)

17173

AIRPORT DIAGRAM

AL-286 (FAA)

HUDSON VALLEY RGNL (POU)
POUGHKEEPSIE, NEW YORK



AIRPORT DIAGRAM

17173

POUGHKEEPSIE, NEW YORK
HUDSON VALLEY RGNL (POU)

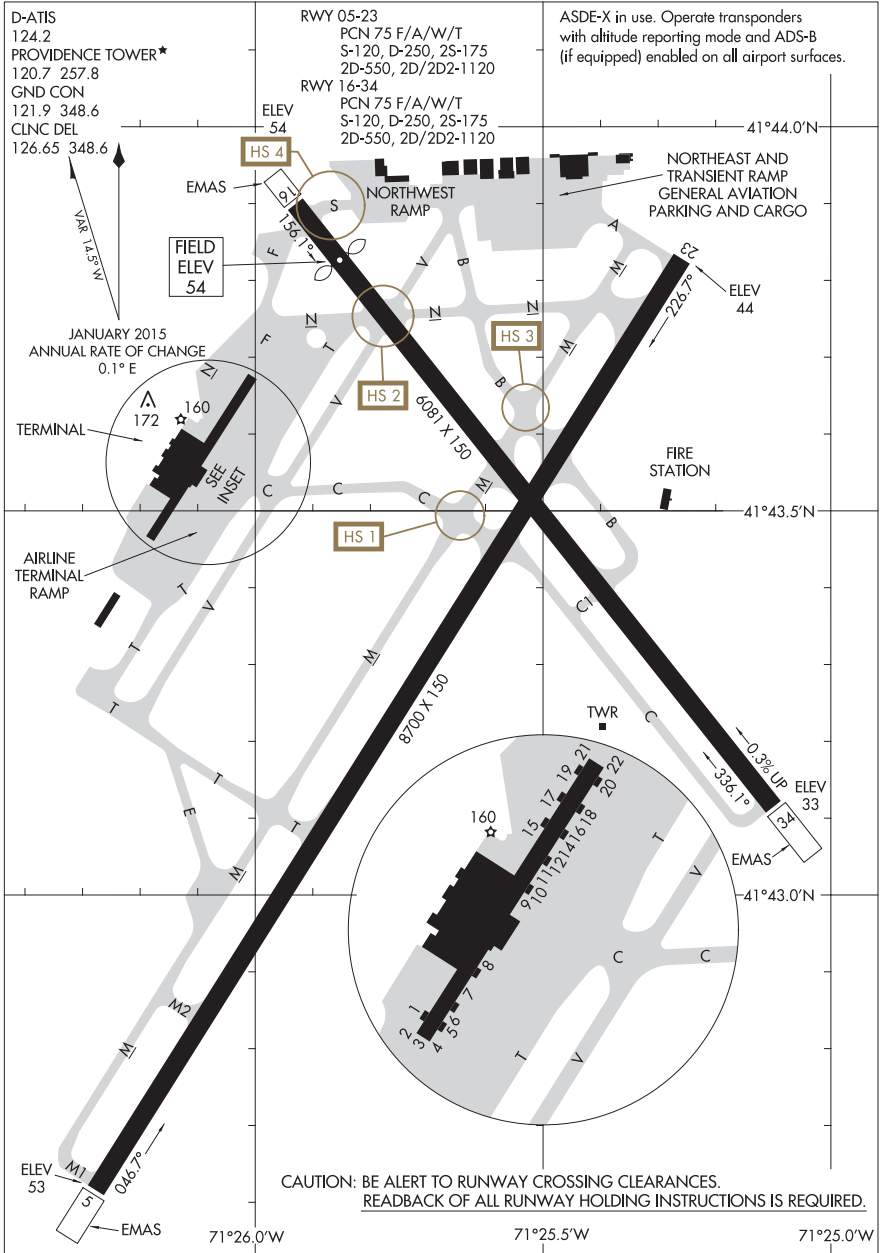
17229

AIRPORT DIAGRAM

THEODORE FRANCIS GREEN STATE (P.V.D)

AL-333 (FAA)

PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM

17229

THEODORE FRANCIS GREEN STATE (P.V.D)

PROVIDENCE, RHODE ISLAND

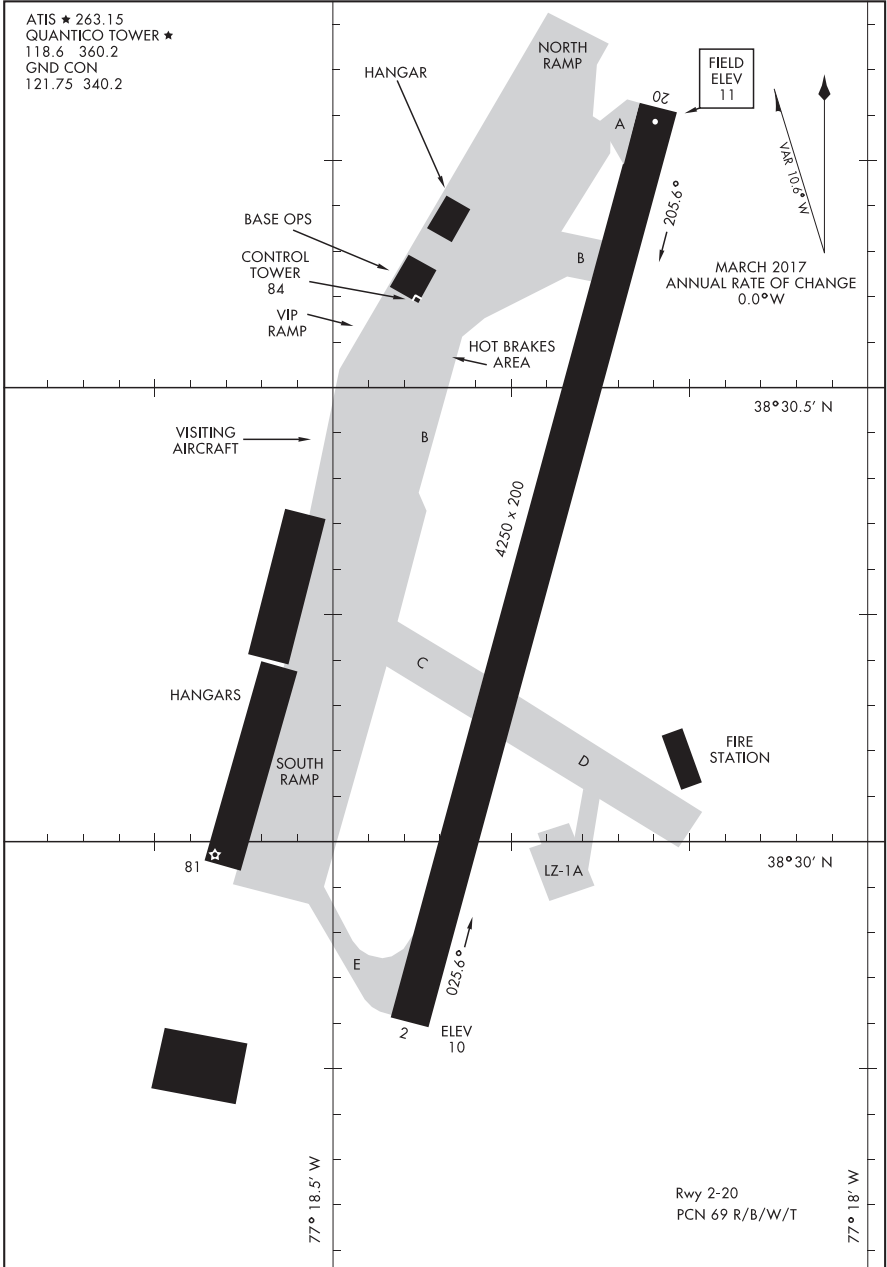
17061

QUANTICO MCAF (TURNER FIELD) (KNYG)

AIRPORT DIAGRAM

AFD-339 [USN]

QUANTICO, VIRGINIA



AIRPORT DIAGRAM

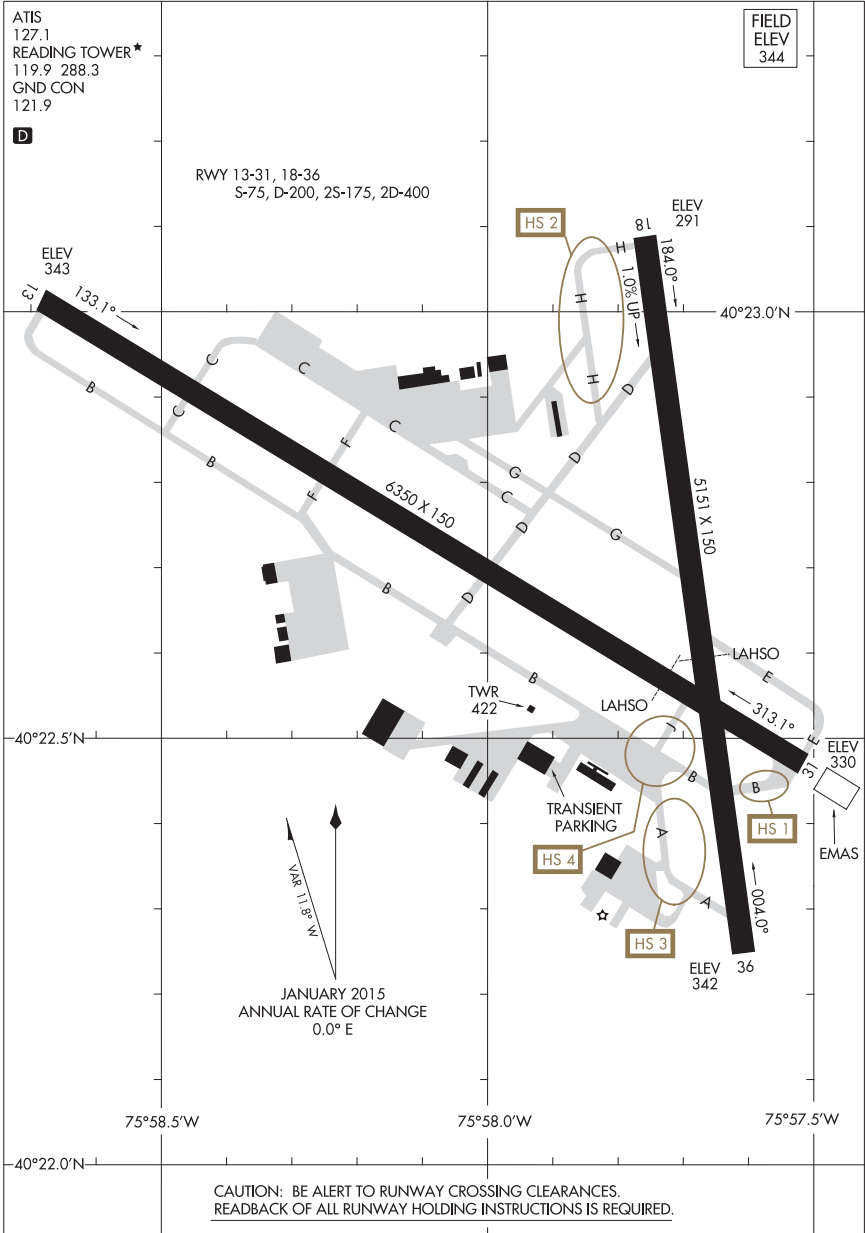
QUANTICO, VIRGINIA
 QUANTICO MCAF (TURNER FIELD) (KNYG)

17173

AIRPORT DIAGRAM

AL-627 (FAA)

READING RGNL/CARL A SPAATZ FIELD (R.D.G)
READING, PENNSYLVANIA



AIRPORT DIAGRAM

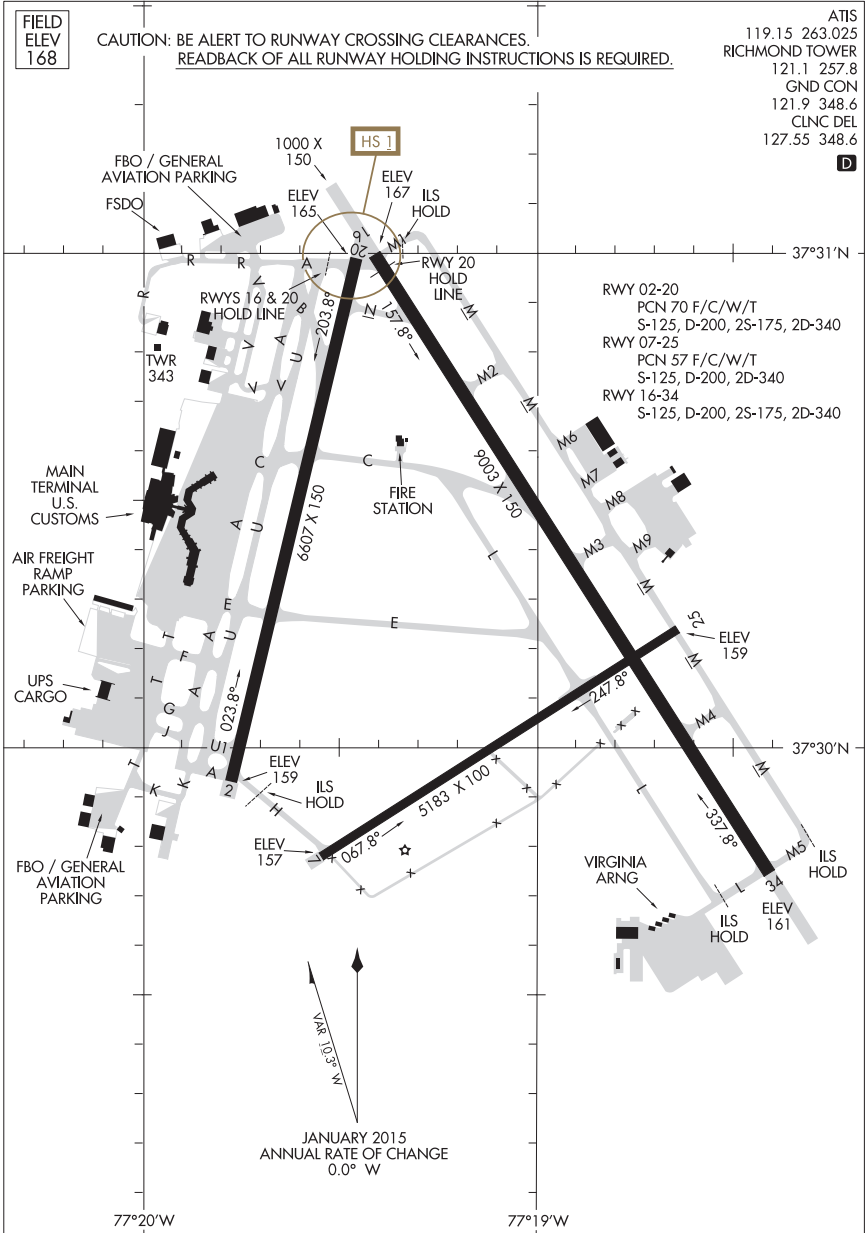
17173

READING, PENNSYLVANIA
READING RGNL/CARL A SPAATZ FIELD (R.D.G)

17173
AIRPORT DIAGRAM

AL-347 (FAA)

RICHMOND INTL (RIC)
RICHMOND, VIRGINIA



AIRPORT DIAGRAM
17173

RICHMOND, VIRGINIA
RICHMOND INTL (RIC)

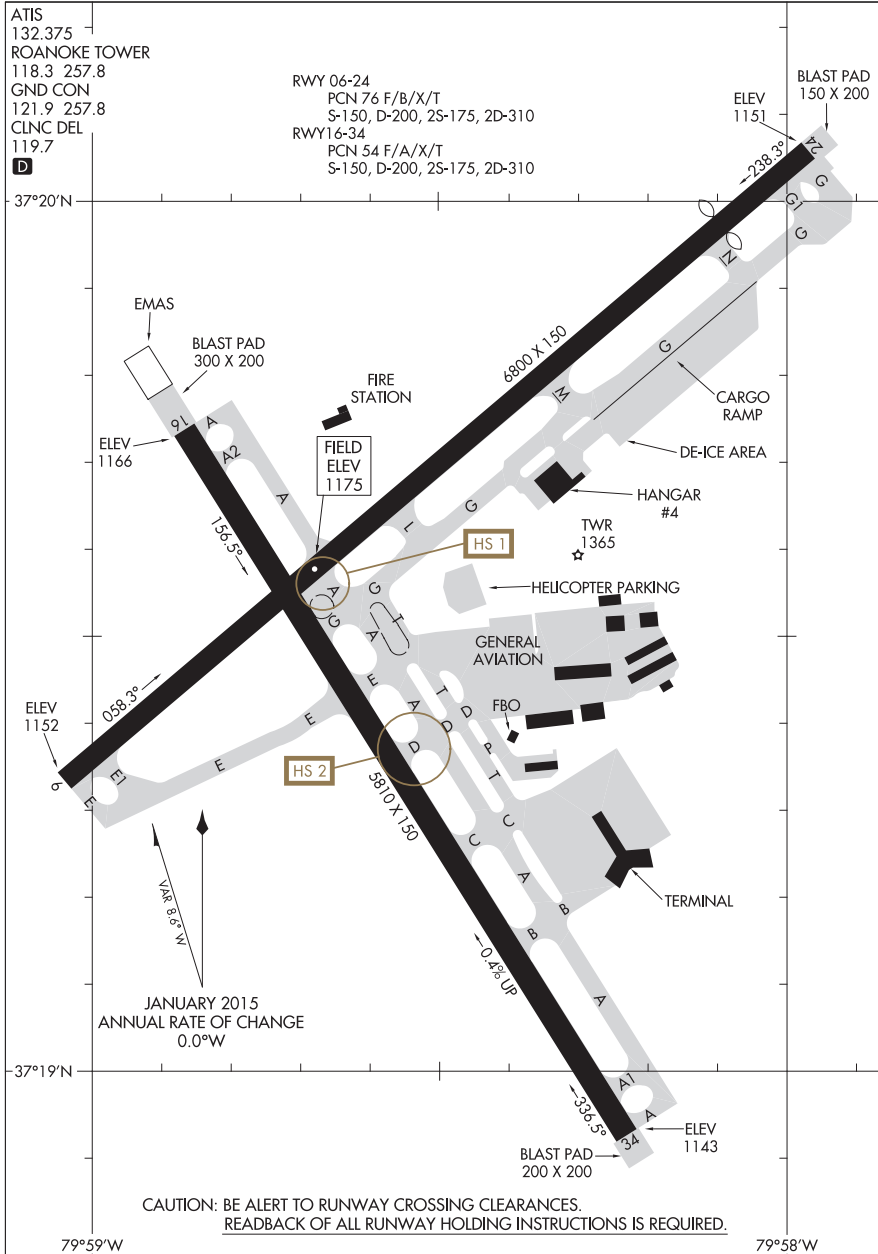
17005

AIRPORT DIAGRAM

ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD (R.O.A.)

AL-349 (FAA)

ROANOKE, VIRGINIA



AIRPORT DIAGRAM

ROANOKE, VIRGINIA

ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD (R.O.A.)

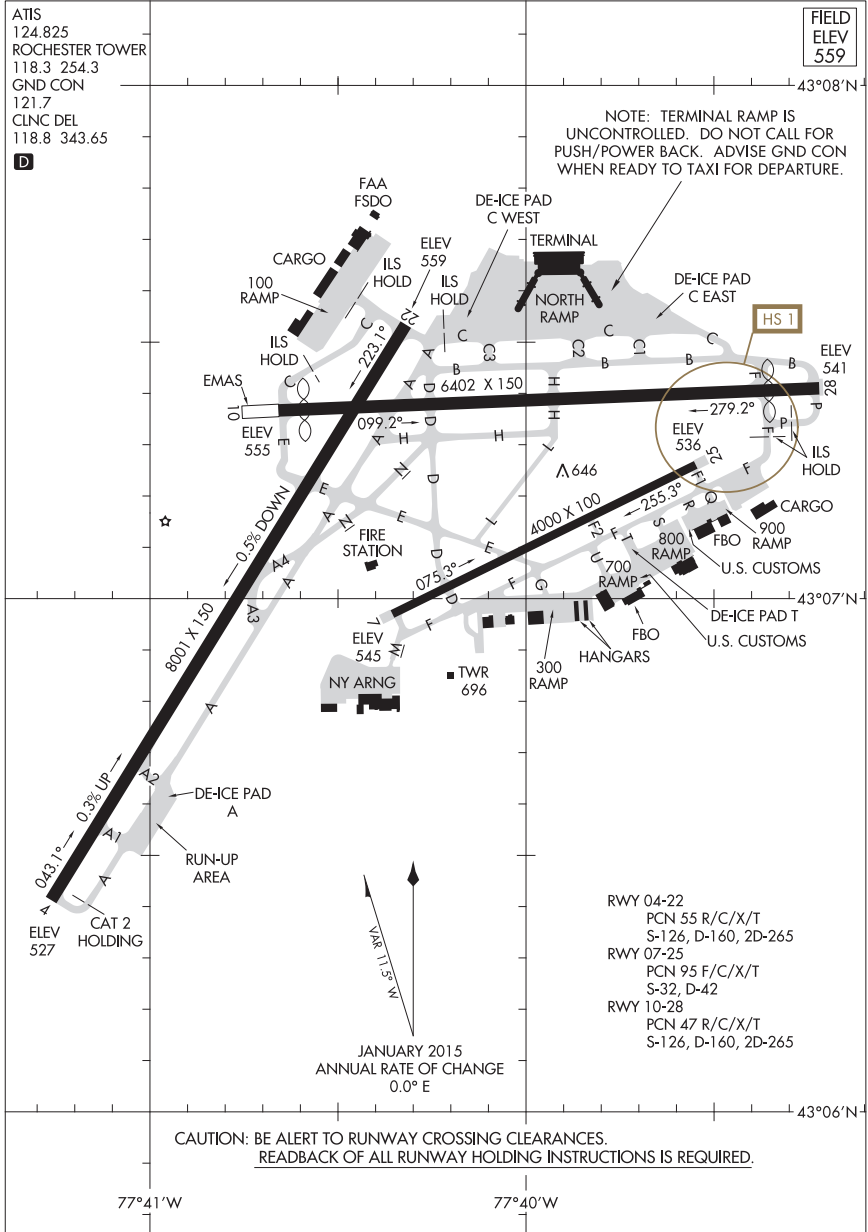
17005

16259

AIRPORT DIAGRAM

AL-351 (FAA)

GREATER ROCHESTER INTL (ROC)
ROCHESTER, NEW YORK



AIRPORT DIAGRAM

16259

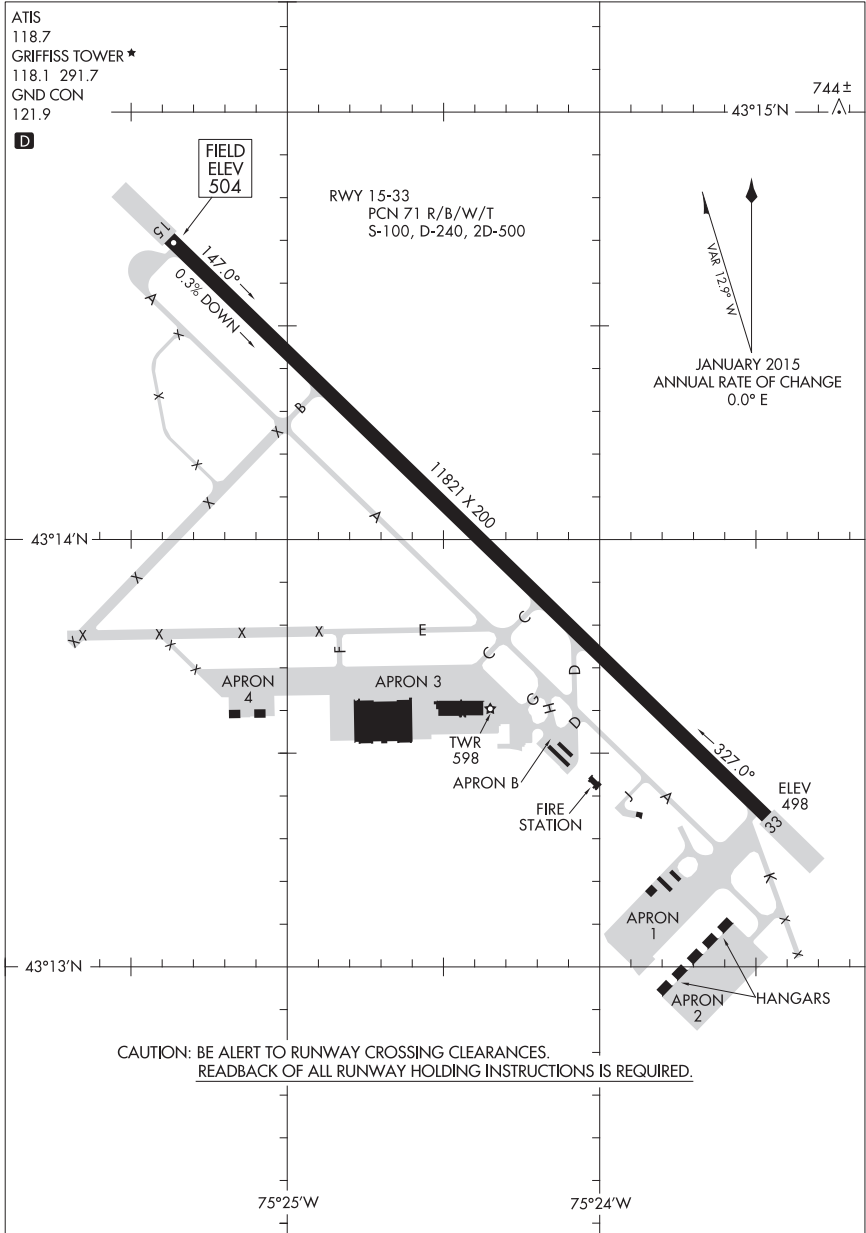
ROCHESTER, NEW YORK
GREATER ROCHESTER INTL (ROC)

15064

AIRPORT DIAGRAM

AL-9515 (FAA)

GRIFFISS INTL (R.M.E)
ROME, NEW YORK



AIRPORT DIAGRAM

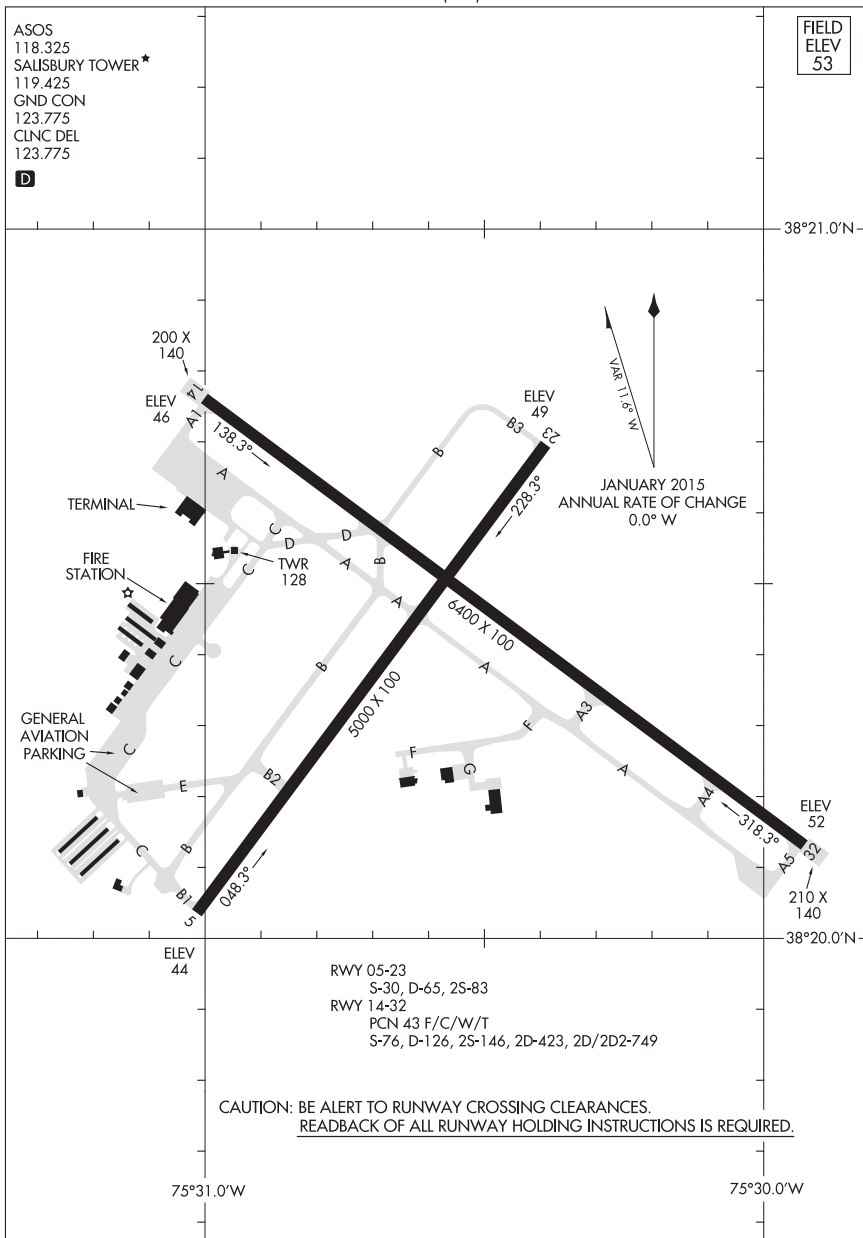
15064

ROME, NEW YORK
GRIFFISS INTL (R.M.E)

15176

AIRPORT DIAGRAM

SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)
AL-977 (FAA)
SAUSBURY, MARYLAND



AIRPORT DIAGRAM

15176

SAUSBURY, MARYLAND
SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

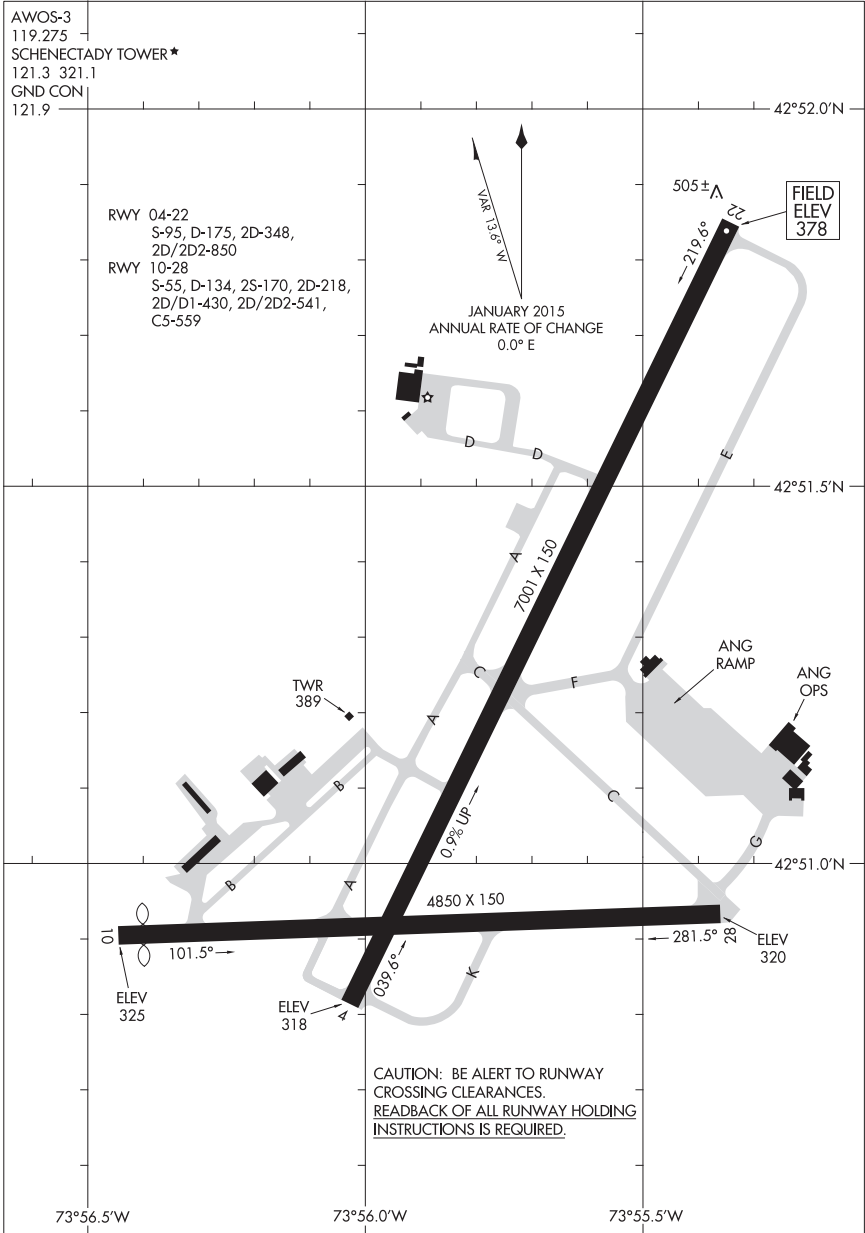
17173

AIRPORT DIAGRAM

AL-382 (FAA)

SCHENECTADY COUNTY (SCH)

SCHENECTADY, NEW YORK



AIRPORT DIAGRAM

17173

SCHENECTADY, NEW YORK

SCHENECTADY COUNTY (SCH)

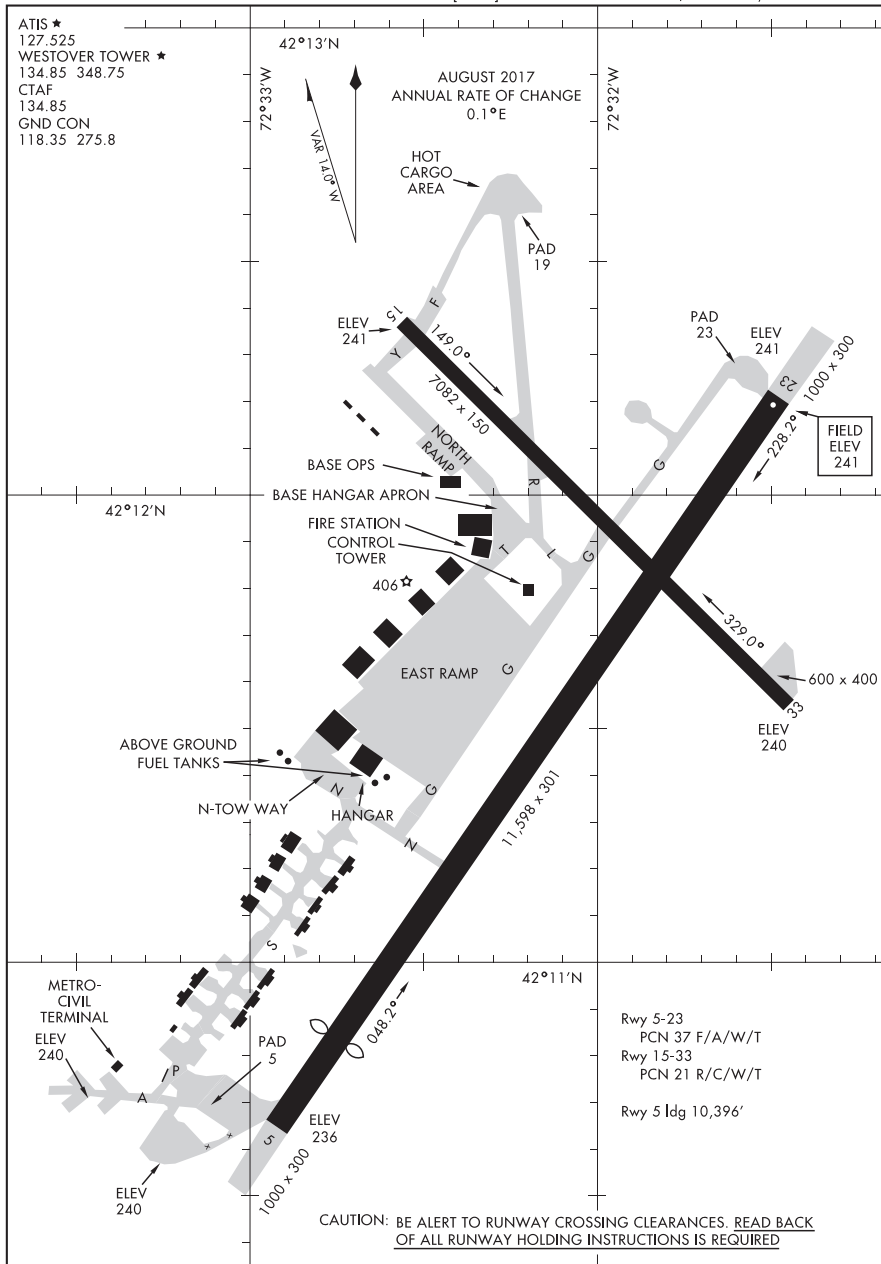
17229

WESTOVER ARB/METROPOLITAN (KCEF)

AIRPORT DIAGRAM

AFD-447 [USAF]

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS
 WESTOVER ARB/METROPOLITAN (KCEF)

17005

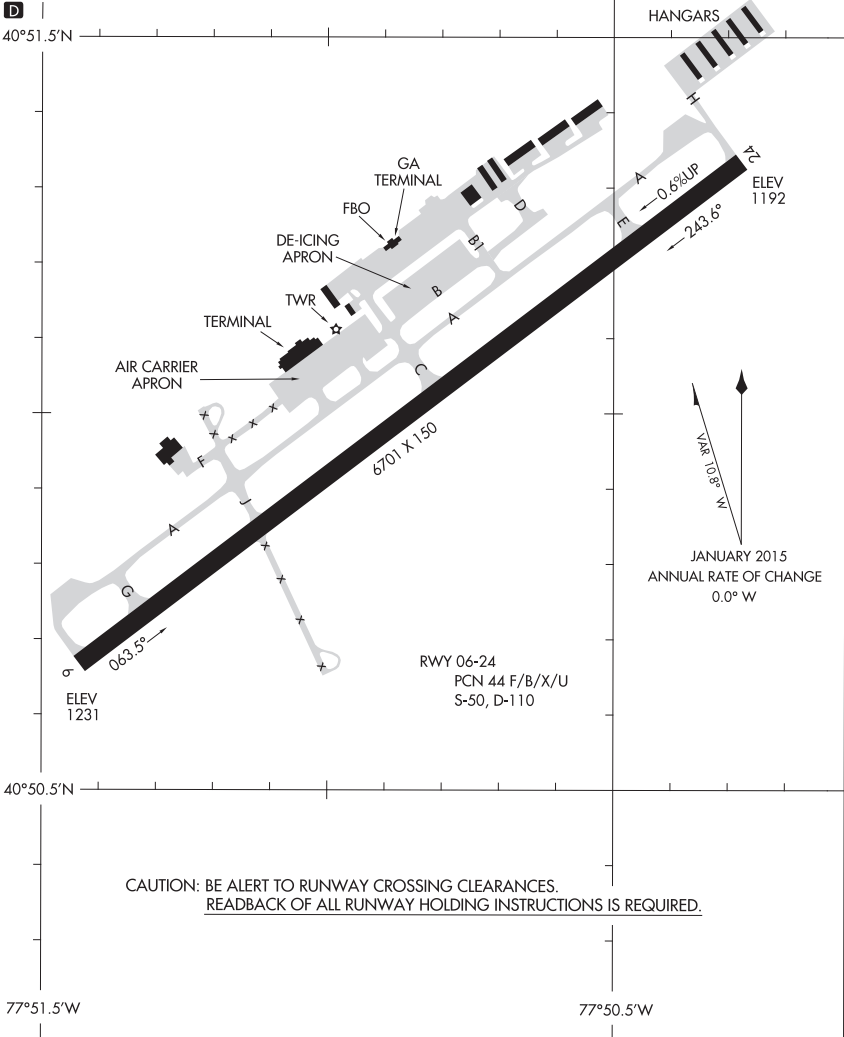
AIRPORT DIAGRAM

AL-5240 (FAA)

UNIVERSITY PARK (UNV)
STATE COLLEGE, PENNSYLVANIA

ATIS
127.65
UNIVERSITY PARK ★
128.475
GND CON
119.625
CLNC DEL
119.625
118.55 (When Tower Closed)

FIELD
ELEV
1231



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READEBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

17005

STATE COLLEGE, PENNSYLVANIA
UNIVERSITY PARK (UNV)

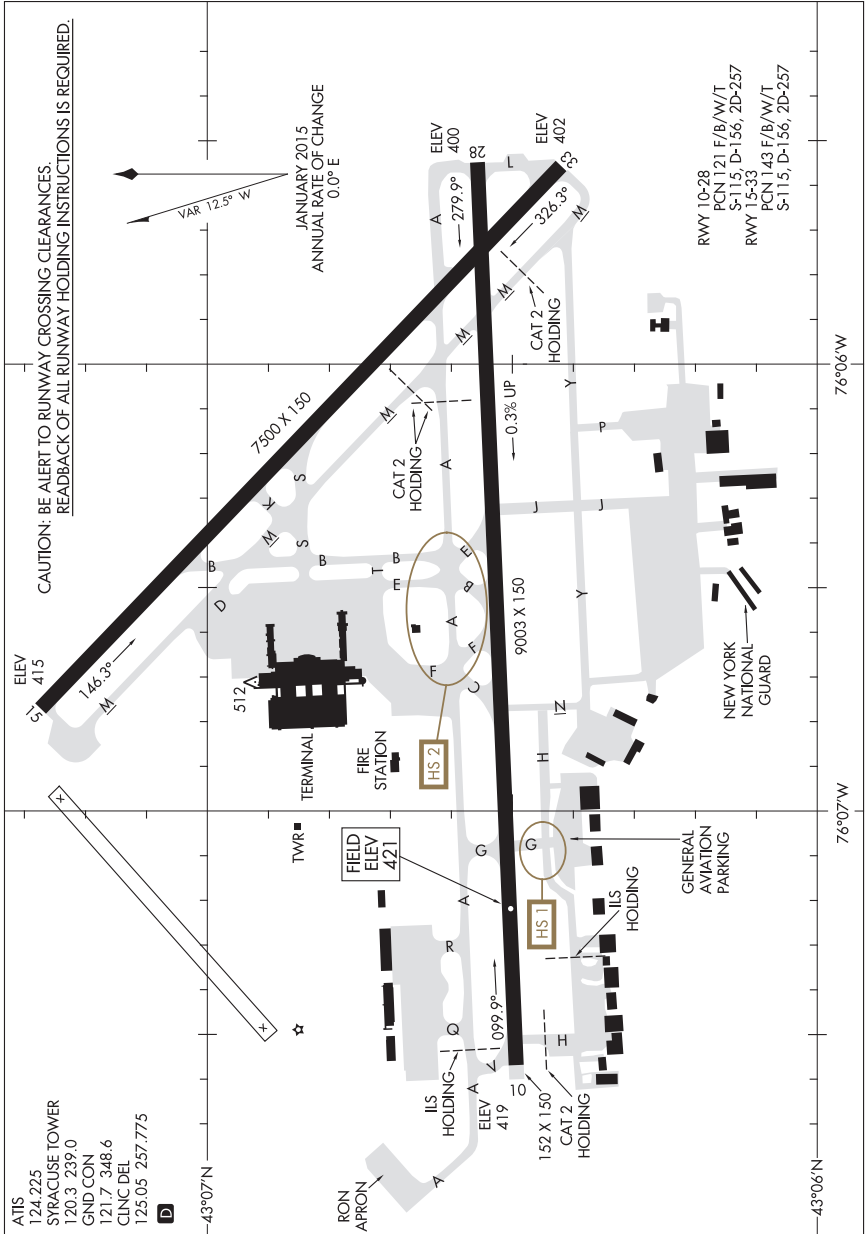
15232

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)

SYRACUSE, NEW YORK



AIRPORT DIAGRAM

15232

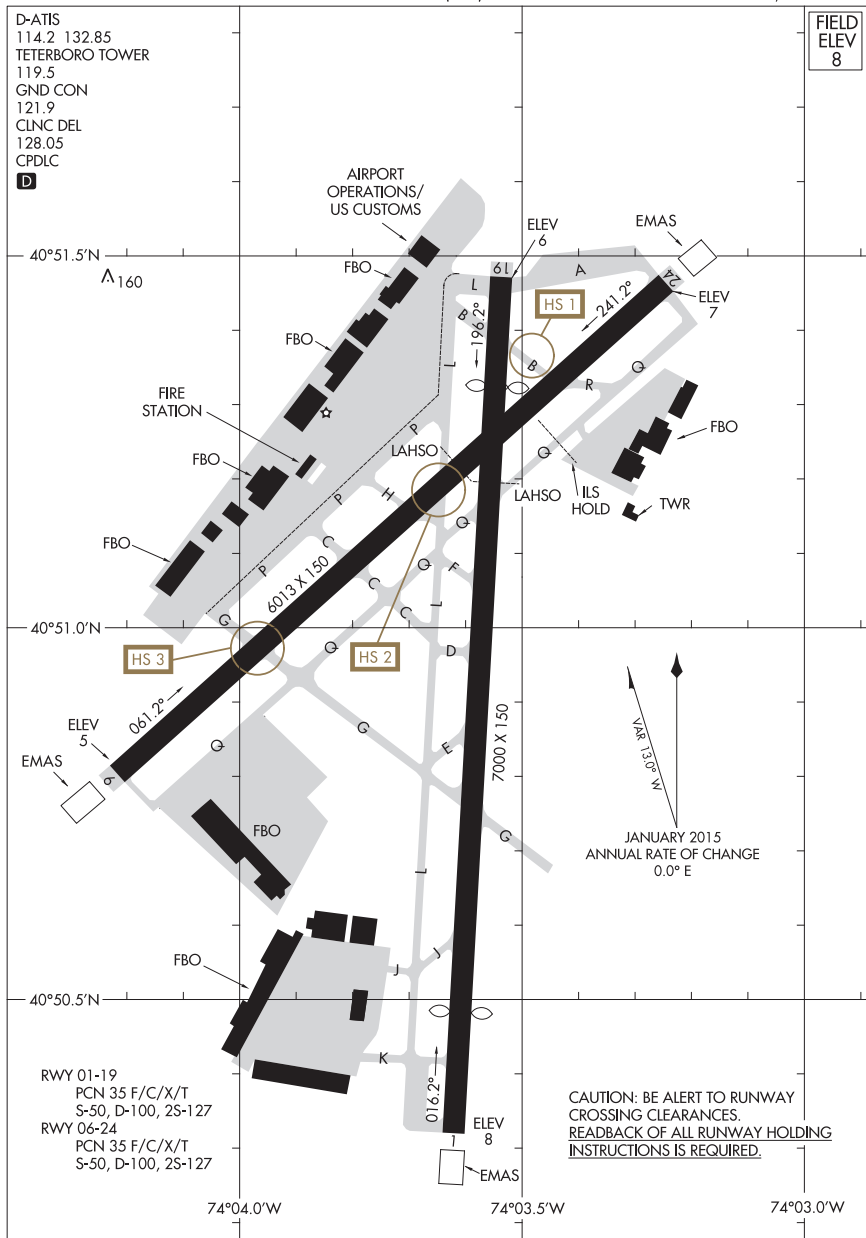
SYRACUSE, NEW YORK

SYRACUSE HANCOCK INTL (SYR)

17173
AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY



AIRPORT DIAGRAM
17173

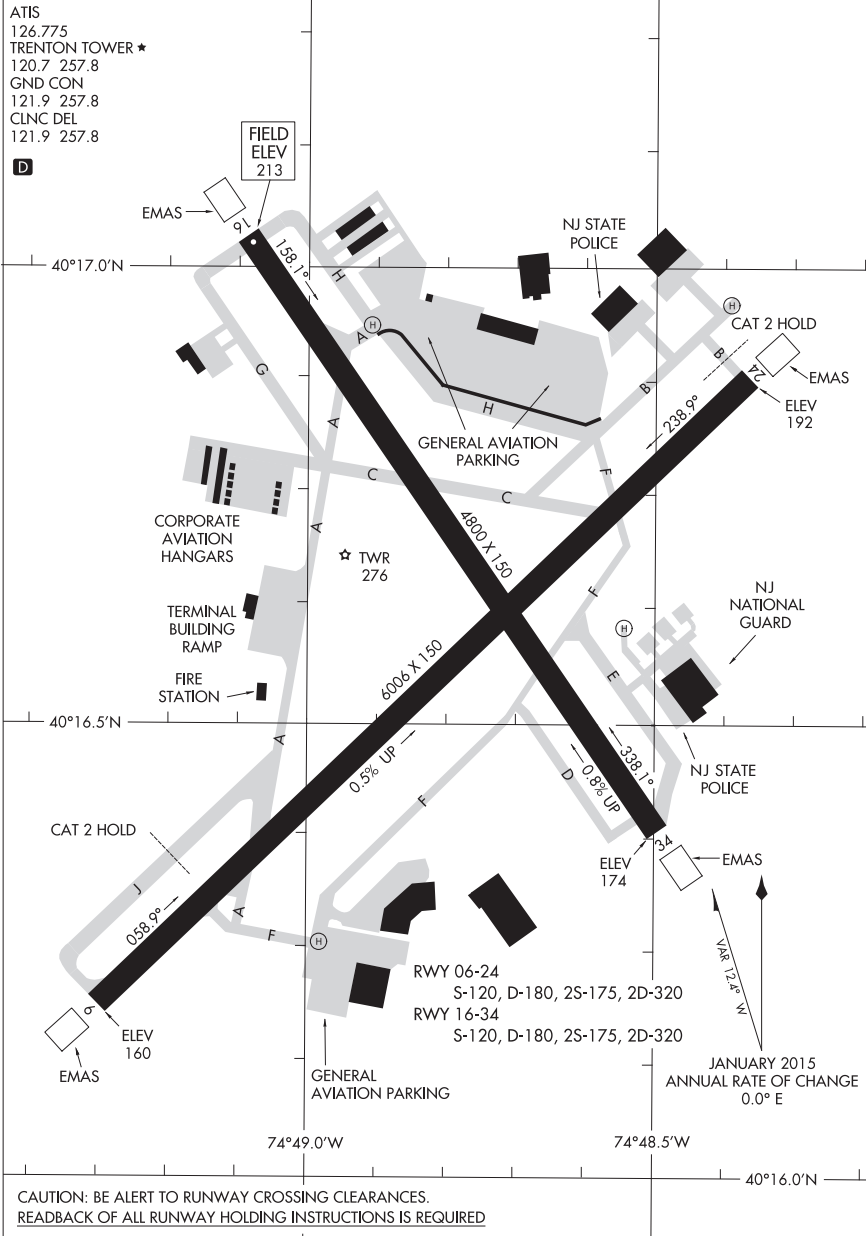
TETERBORO, NEW JERSEY
TETERBORO (TEB)

16147

AIRPORT DIAGRAM

AL-982 (FAA)

TRENTON MERCER (TTN)
TRENTON, NEW JERSEY



AIRPORT DIAGRAM

16147

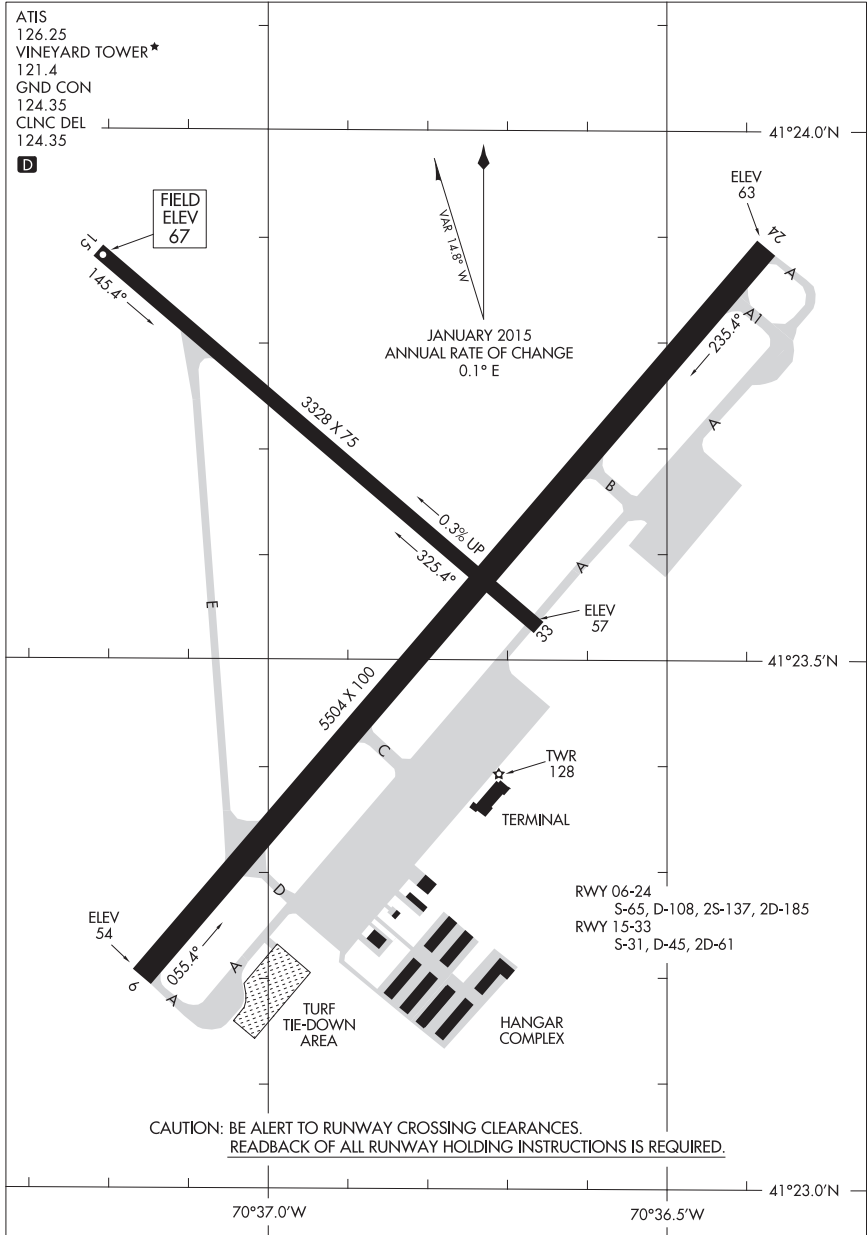
TRENTON, NEW JERSEY
TRENTON MERCER (TTN)

17005

AIRPORT DIAGRAM

AL-694 (FAA)

MARTHAS VINEYARD (MVY)
VINEYARD HAVEN, MASSACHUSETTS



AIRPORT DIAGRAM

VINEYARD HAVEN, MASSACHUSETTS
MARTHAS VINEYARD (MVY)

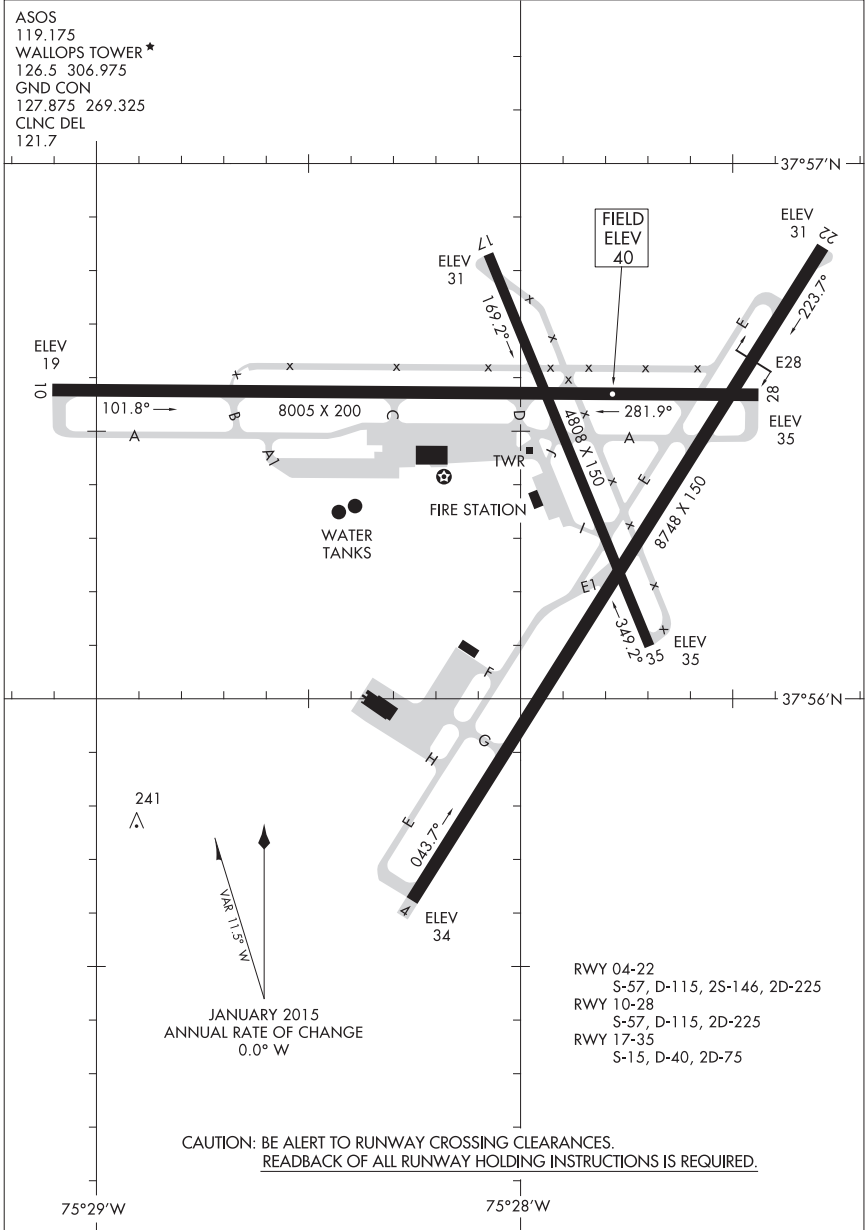
17005

15064

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)
WALLOPS ISLAND, VIRGINIA



AIRPORT DIAGRAM

15064

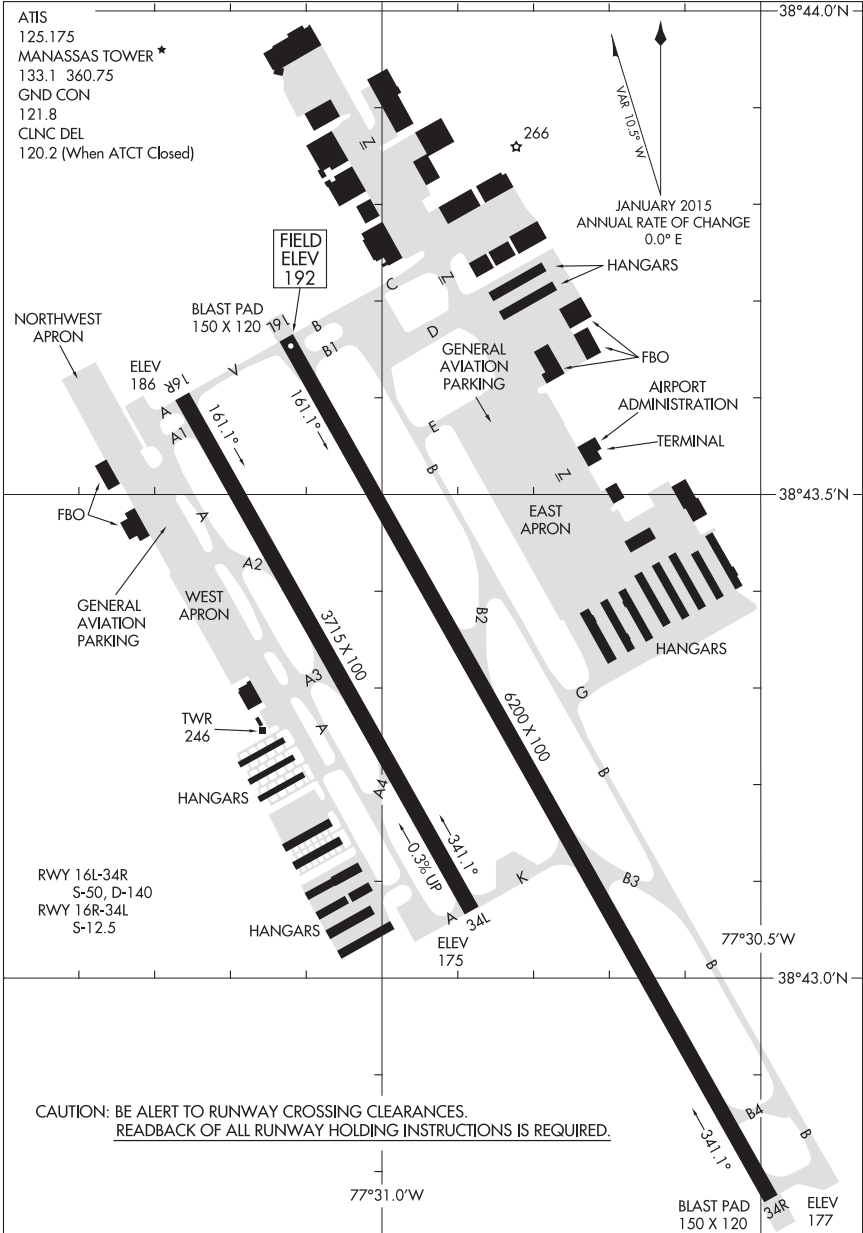
WALLOPS ISLAND, VIRGINIA
WALLOPS FLIGHT FACILITY (WAL)

15344

AIRPORT DIAGRAM

AL-5326 (FAA)

MANASSAS RGNL/HARRY P DAVIS FIELD (HEF)
WASHINGTON, D.C.



AIRPORT DIAGRAM

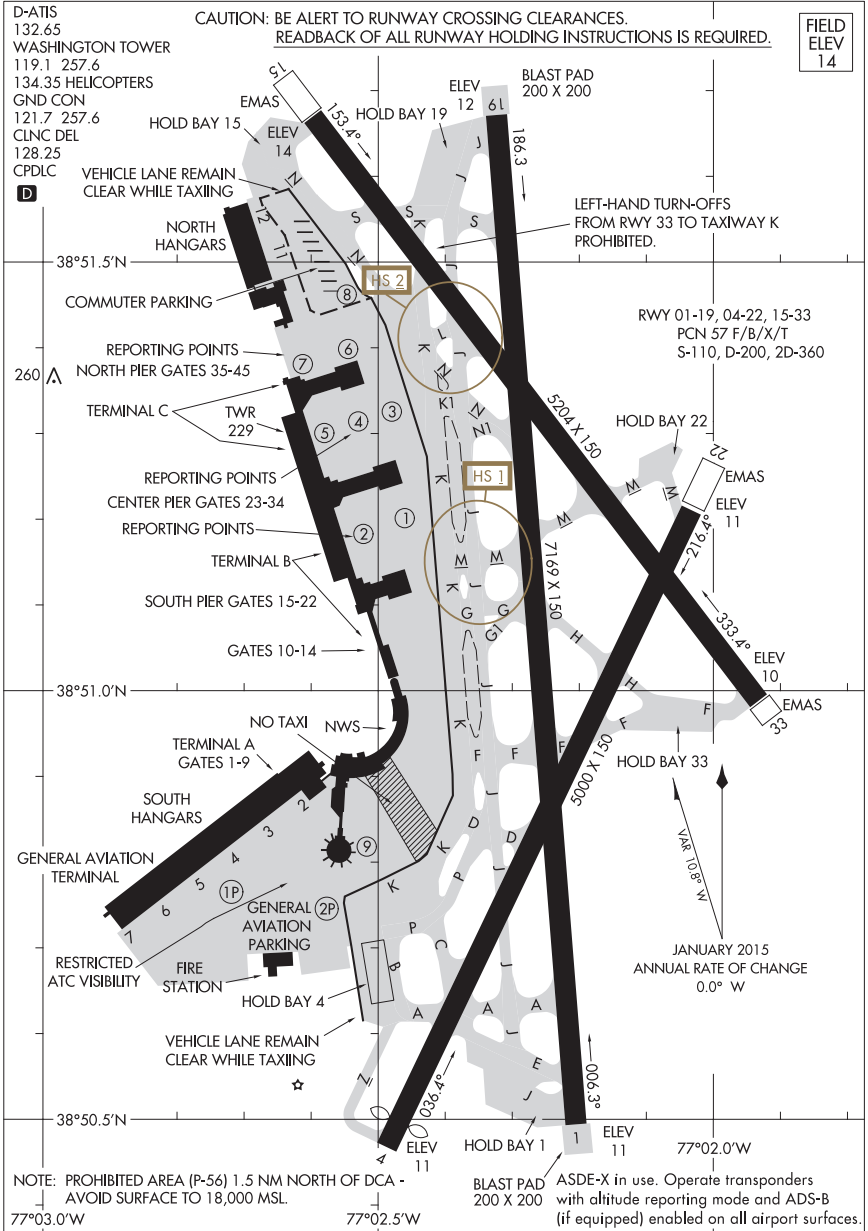
15344

WASHINGTON, D.C.
MANASSAS RGNL/HARRY P DAVIS FIELD (HEF)

17229

AIRPORT DIAGRAM

RONALD REAGAN WASHINGTON NATIONAL (DCA)
AL-443 (FAA) WASHINGTON, D.C.



AIRPORT DIAGRAM

17229

WASHINGTON, D.C.
RONALD REAGAN WASHINGTON NATIONAL (DCA)

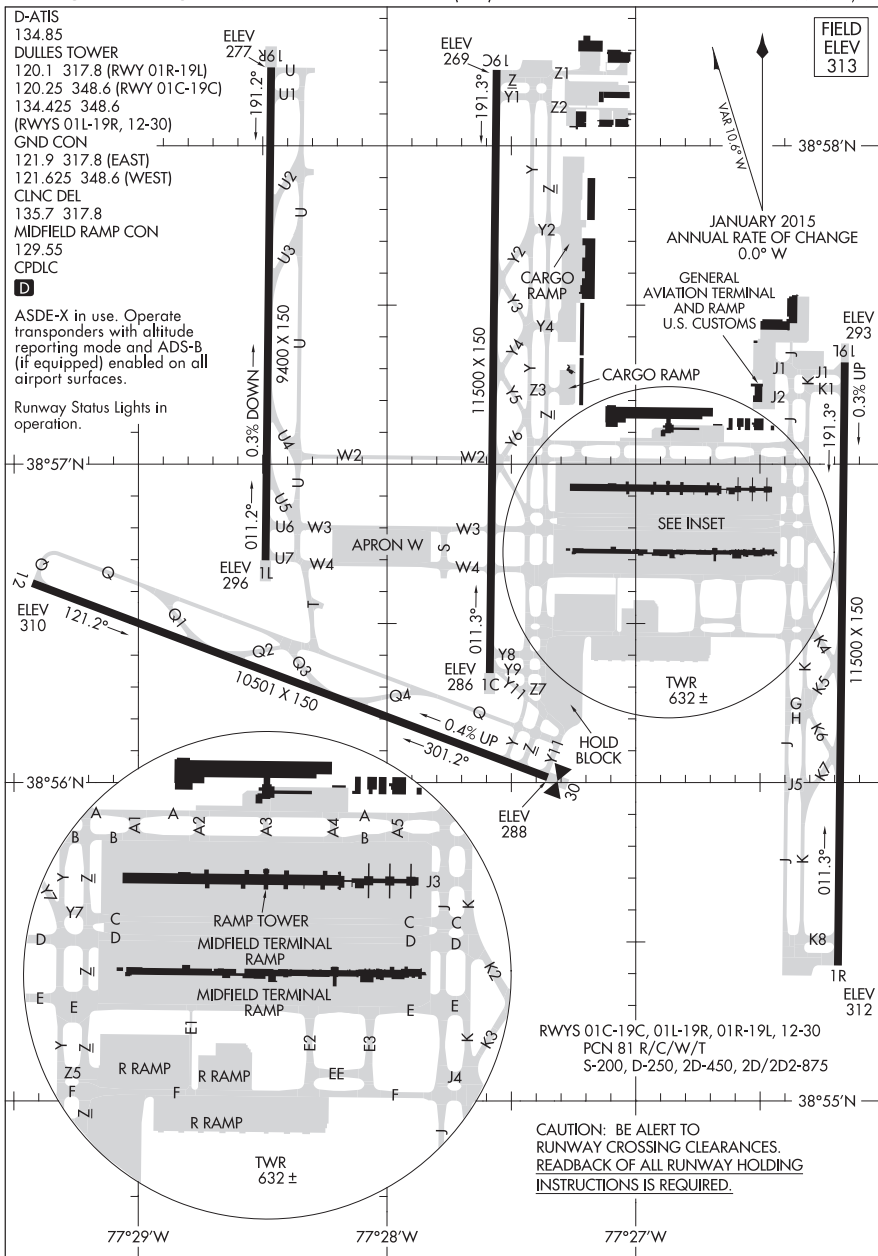
17117

AIRPORT DIAGRAM

AL-5100 (FAA)

WASHINGTON DULLES INTL (IAD)

WASHINGTON, DC



AIRPORT DIAGRAM

17117

WASHINGTON, DC

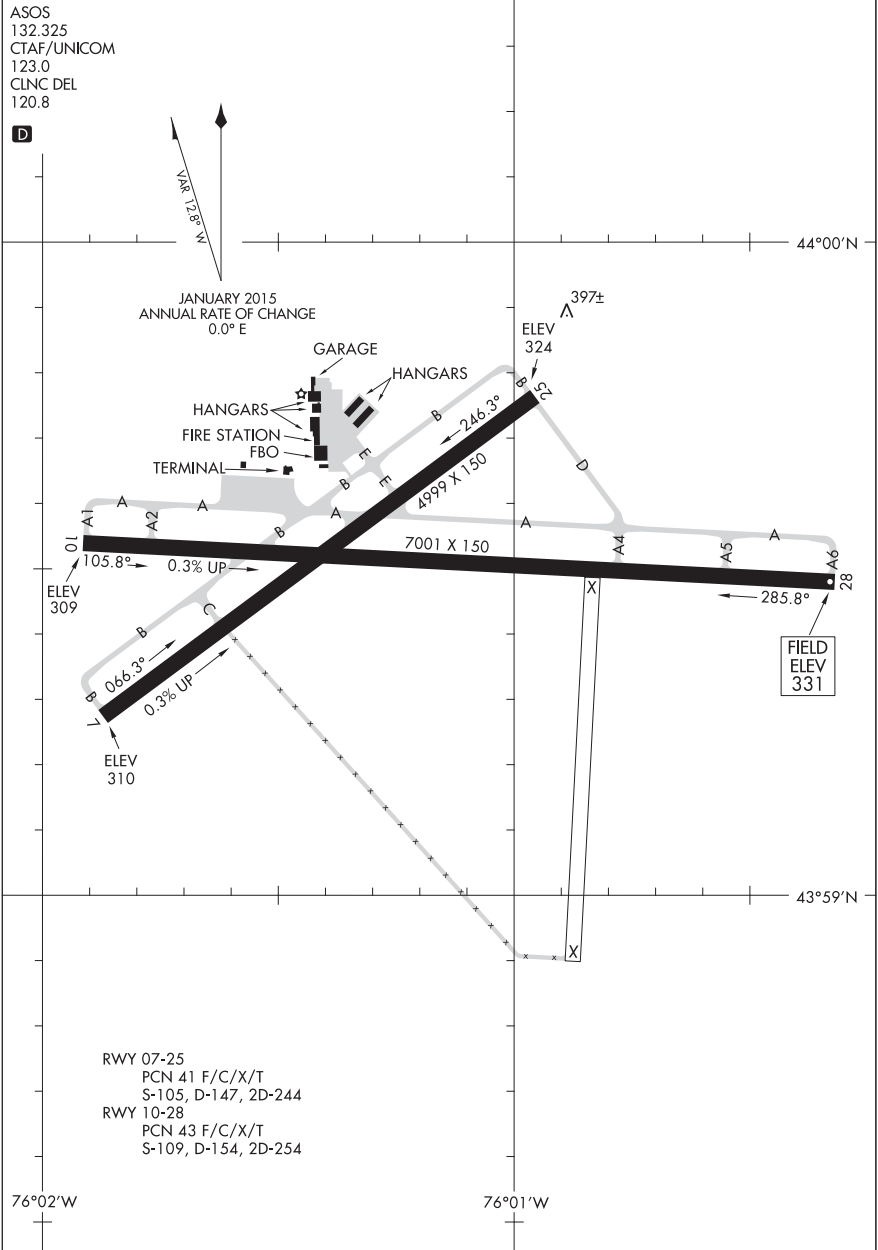
WASHINGTON DULLES INTL (IAD)

17173

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (A.R.T)
WATERTOWN, NEW YORK



AIRPORT DIAGRAM

17173

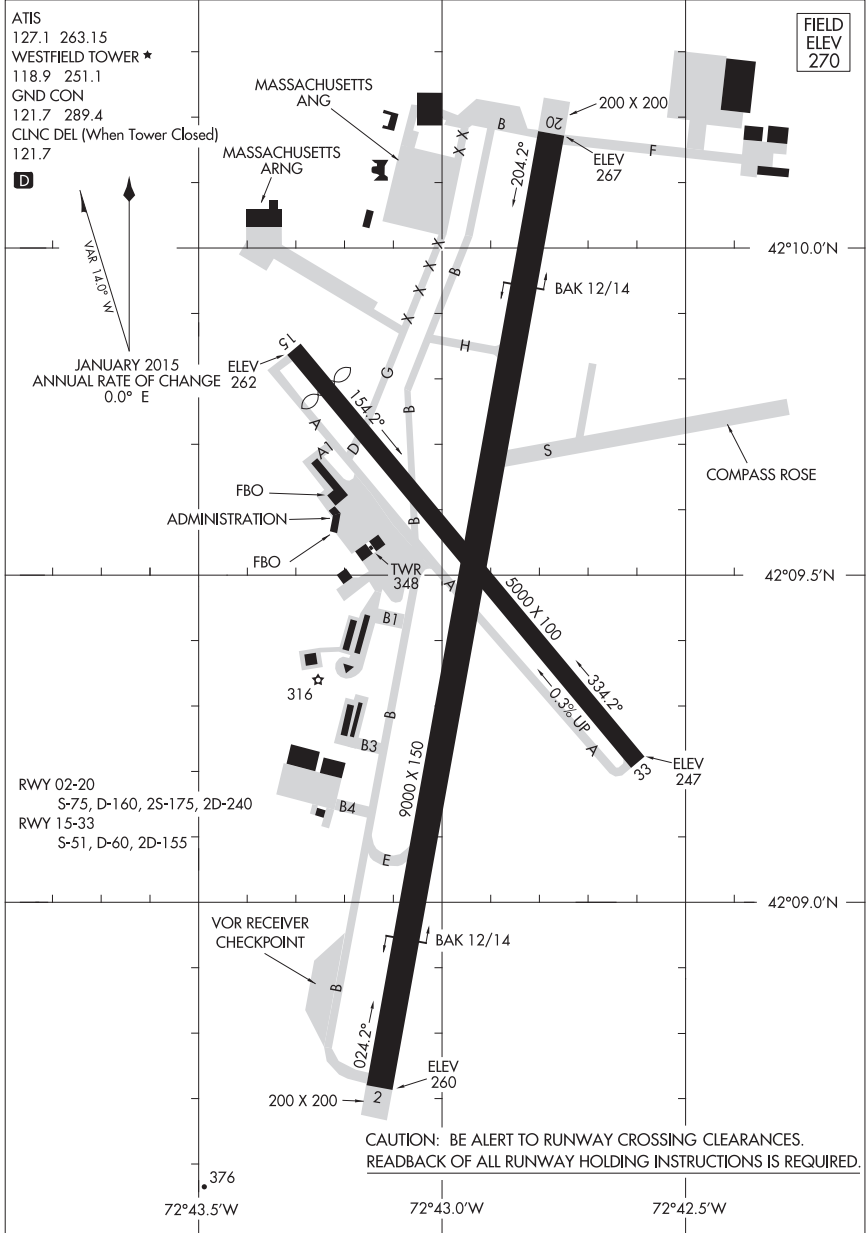
WATERTOWN, NEW YORK
WATERTOWN INTL (A.R.T)

15064

AIRPORT DIAGRAM

AL-446 (FAA)

WESTFIELD-BARNES RGNL. (BAF)
WESTFIELD/SPRINGFIELD, MASSACHUSETTS



AIRPORT DIAGRAM

15064

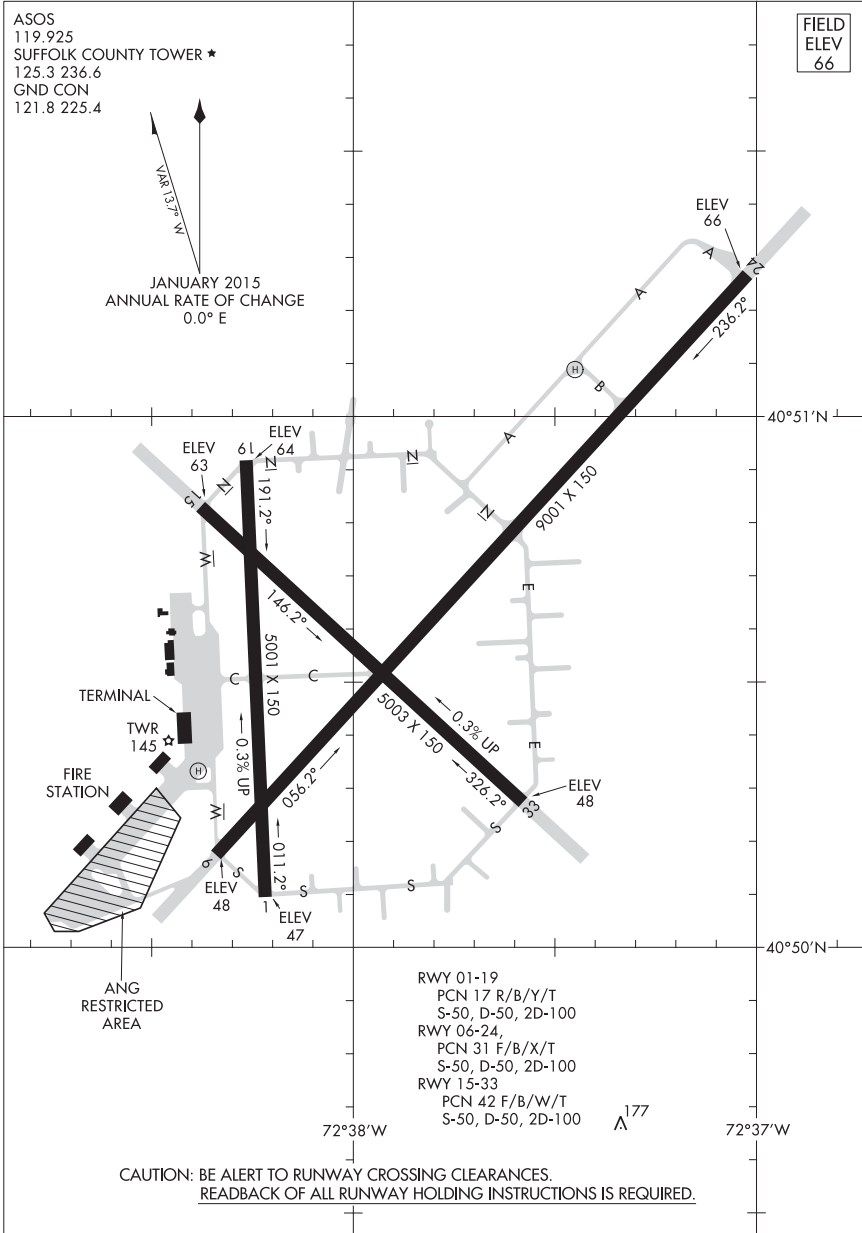
WESTFIELD/SPRINGFIELD, MASSACHUSETTS
WESTFIELD-BARNES RGNL. (BAF)

17229

AIRPORT DIAGRAM

AL-996 (FAA)

FRANCIS S. GABRESKI (FOK)
WESTHAMPTON BEACH, NEW YORK



AIRPORT DIAGRAM

17229

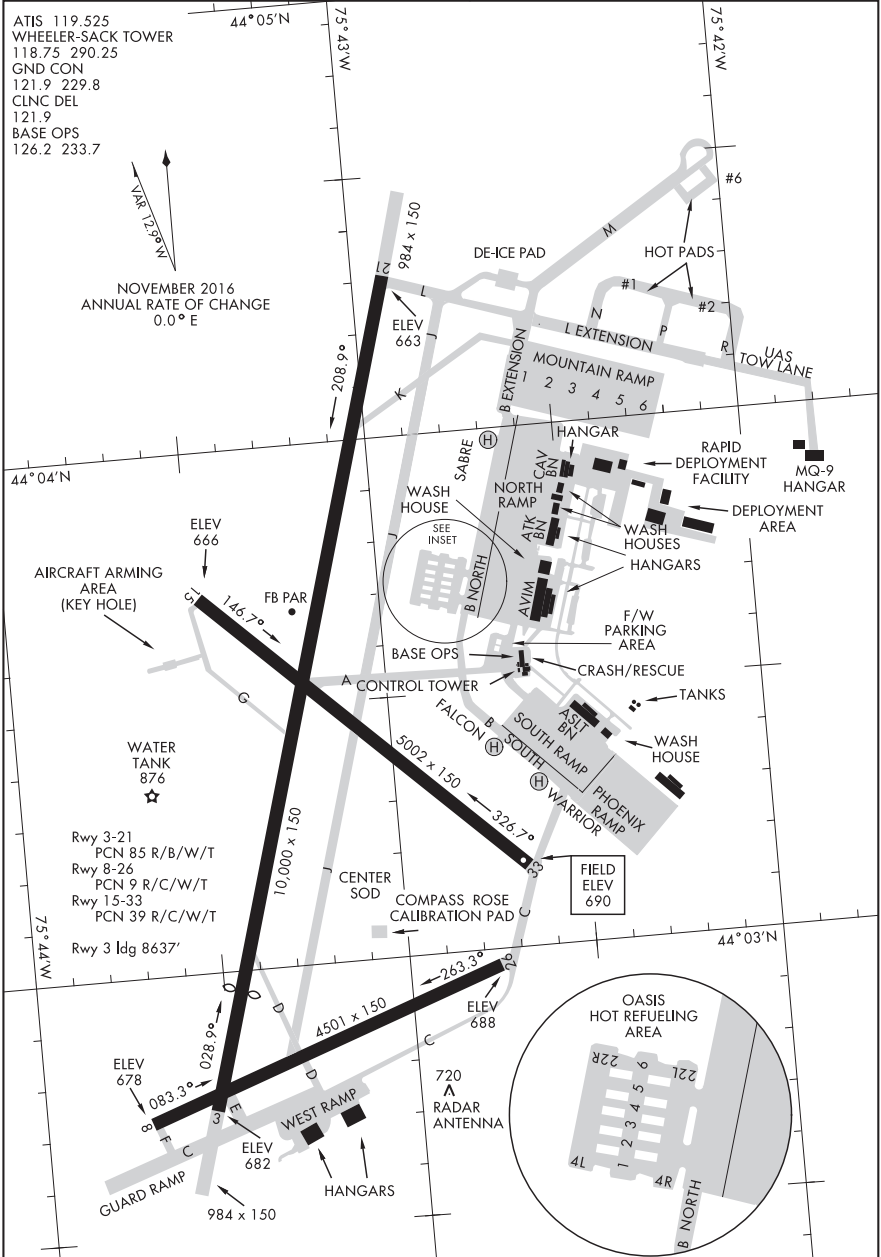
WESTHAMPTON BEACH, NEW YORK
FRANCIS S. GABRESKI (FOK)

16315

AFD-5754 [USA]

FORT DRUM, NEW YORK

AIRPORT DIAGRAM



AIRPORT DIAGRAM

FORT DRUM, NEW YORK

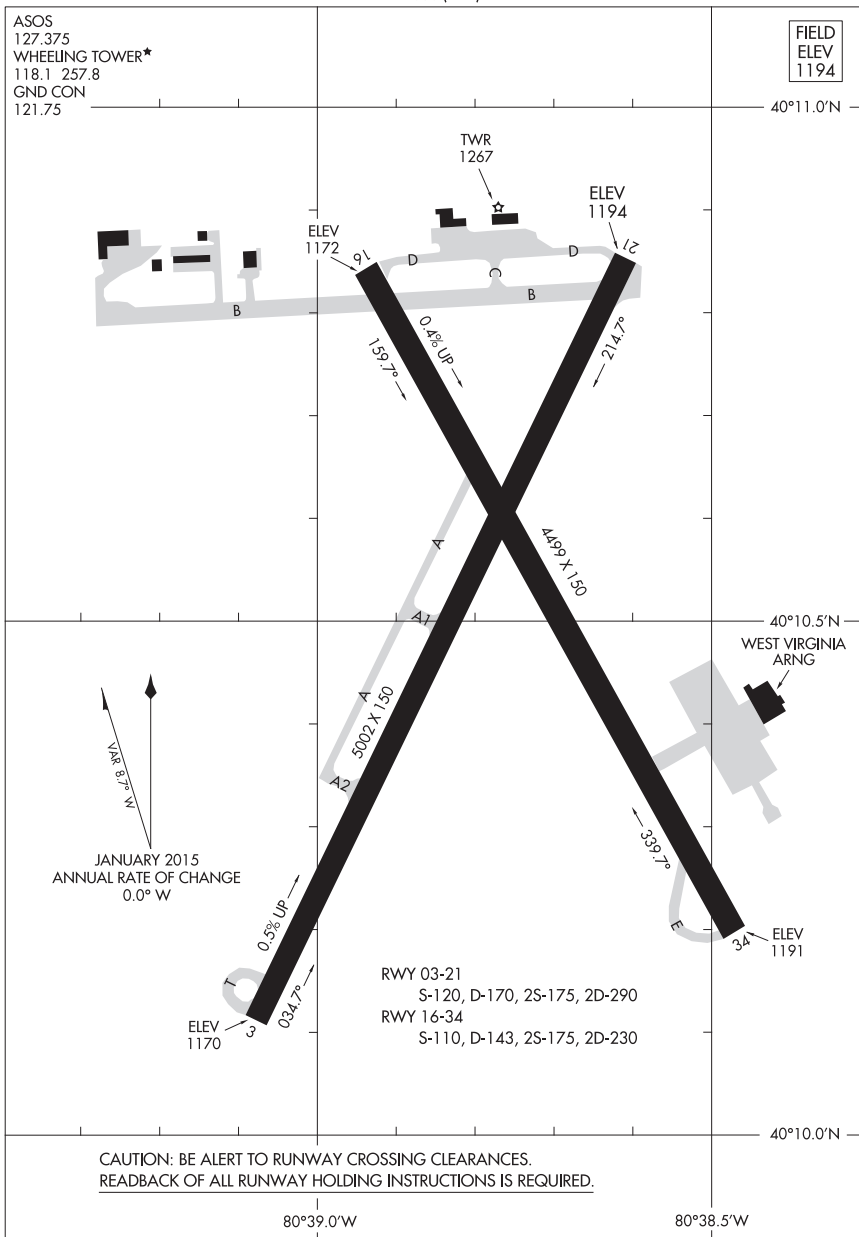
WHEELER-SACK AAF (KGTB)

15064

AIROPORT DIAGRAM

AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)
WHEELING, WEST VIRGINIA



AIROPORT DIAGRAM

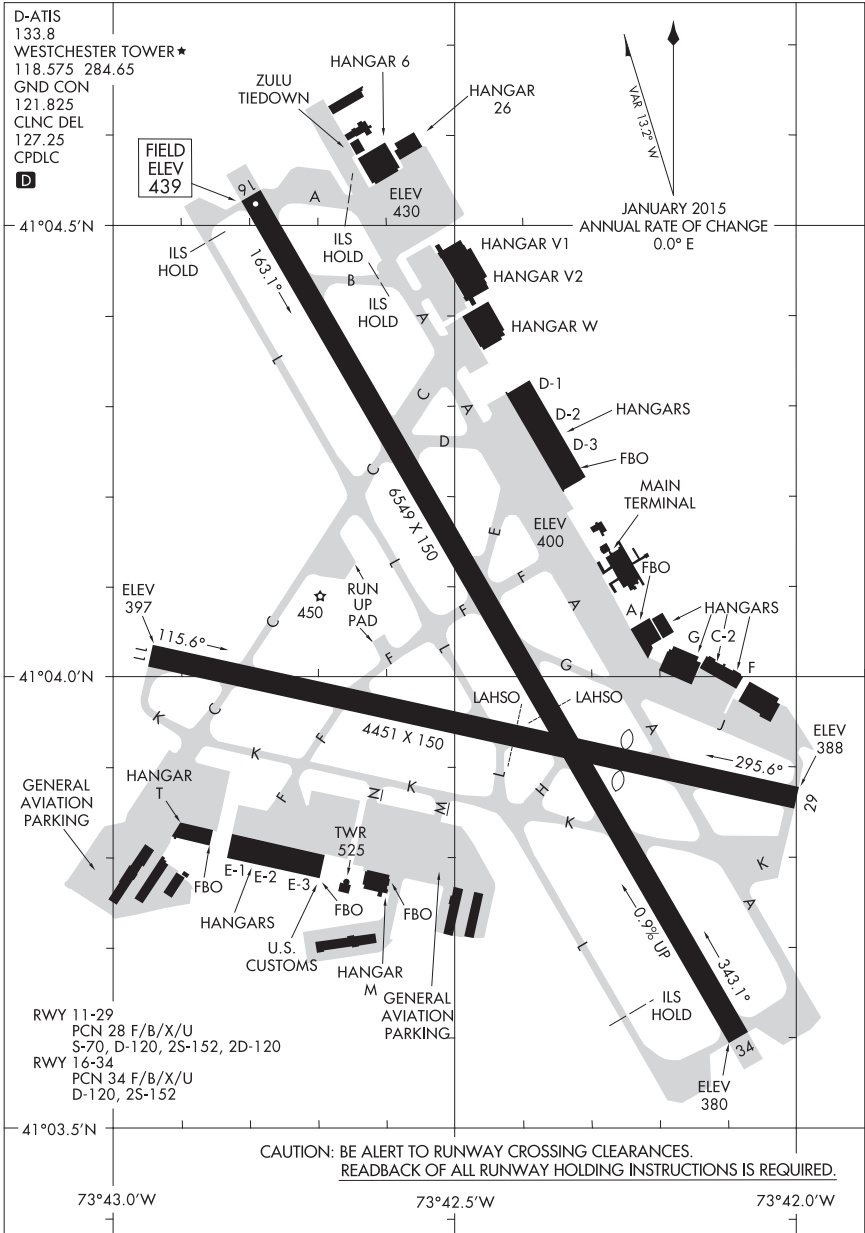
15064

17117

AIRPORT DIAGRAM

AL-651 (FAA)

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



AIRPORT DIAGRAM

17117

WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

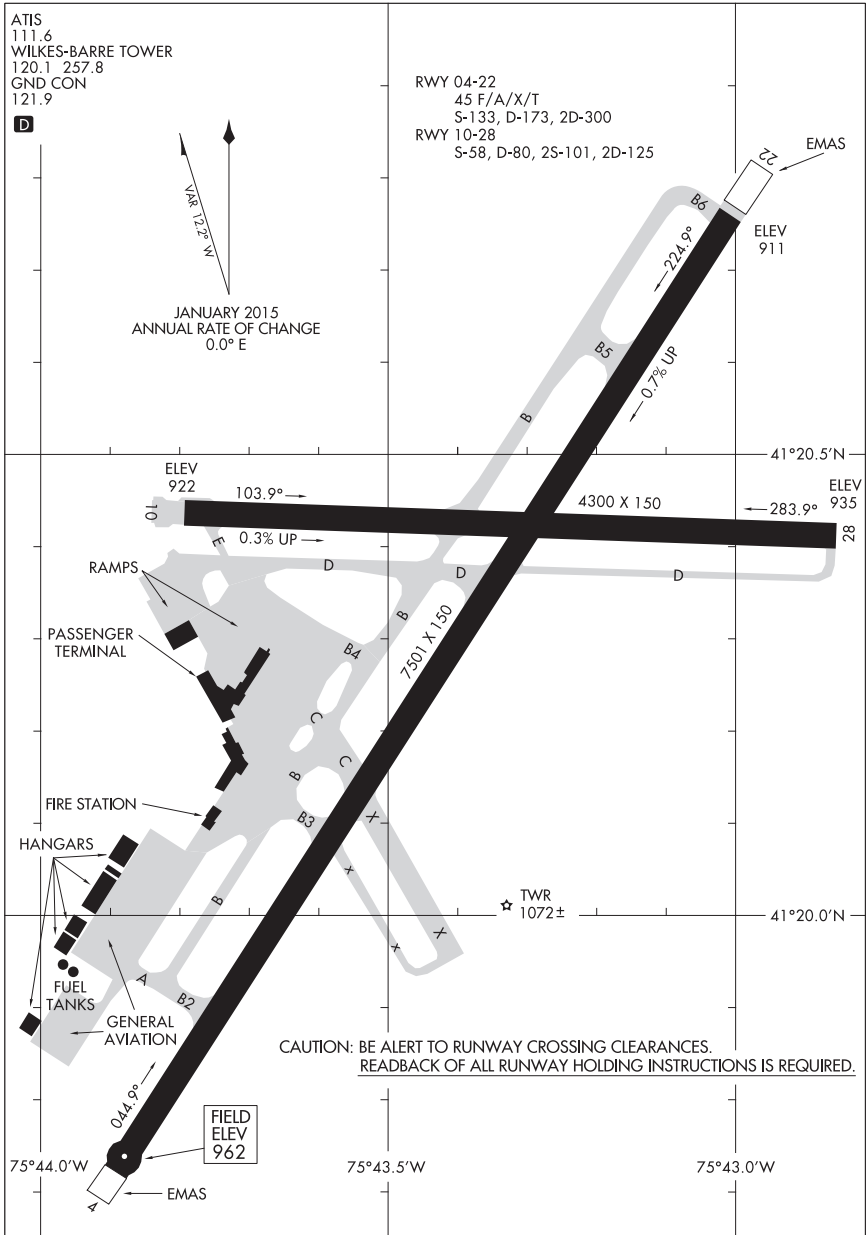
17173

AIRPORT DIAGRAM

WILKES-BARRE/SCRANTON INTL (AVP)

AL-661 (FAA)

WILKES-BARRE/SCRANTON, PENNSYLVANIA



AIRPORT DIAGRAM

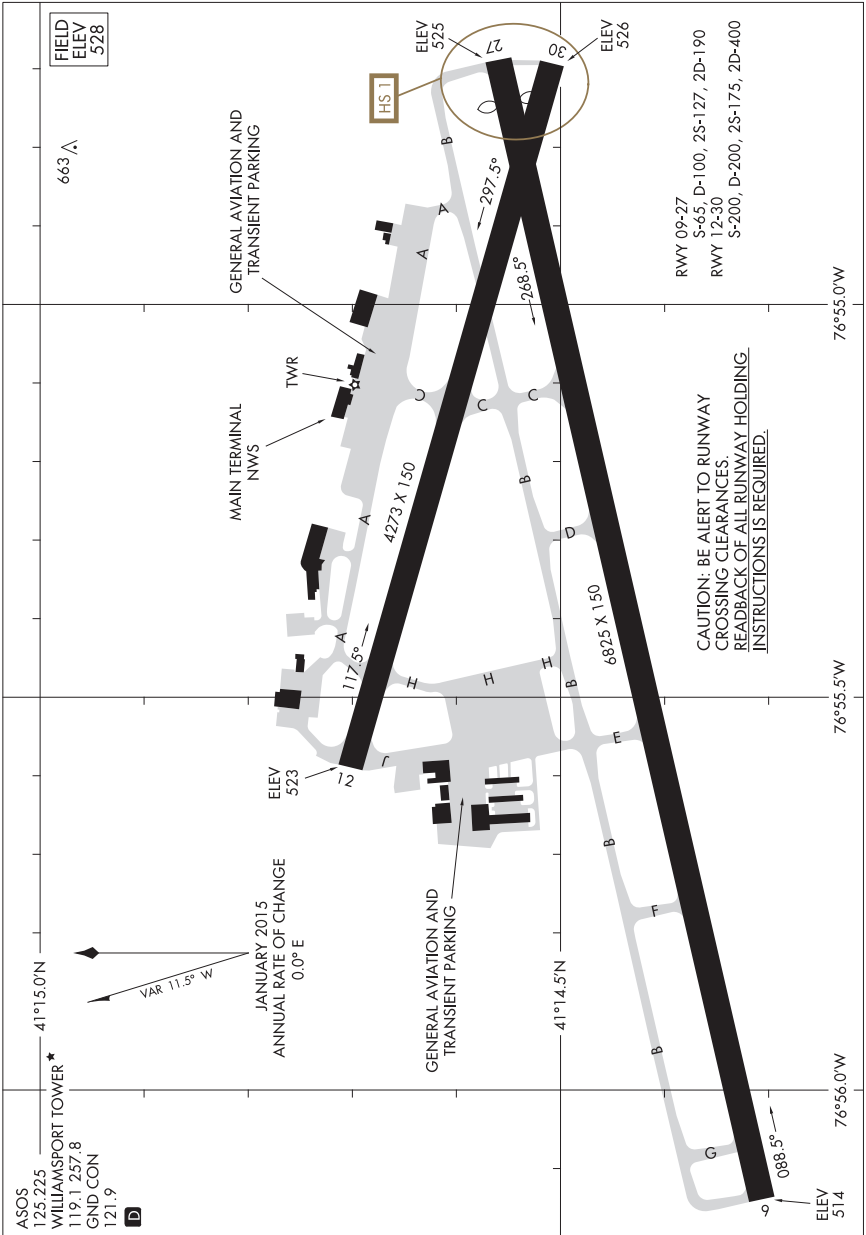
17173

WILKES-BARRE/SCRANTON, PENNSYLVANIA
WILKES-BARRE/SCRANTON INTL (AVP)

17173

AIRPORT DIAGRAM

WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA



AIRPORT DIAGRAM

17173

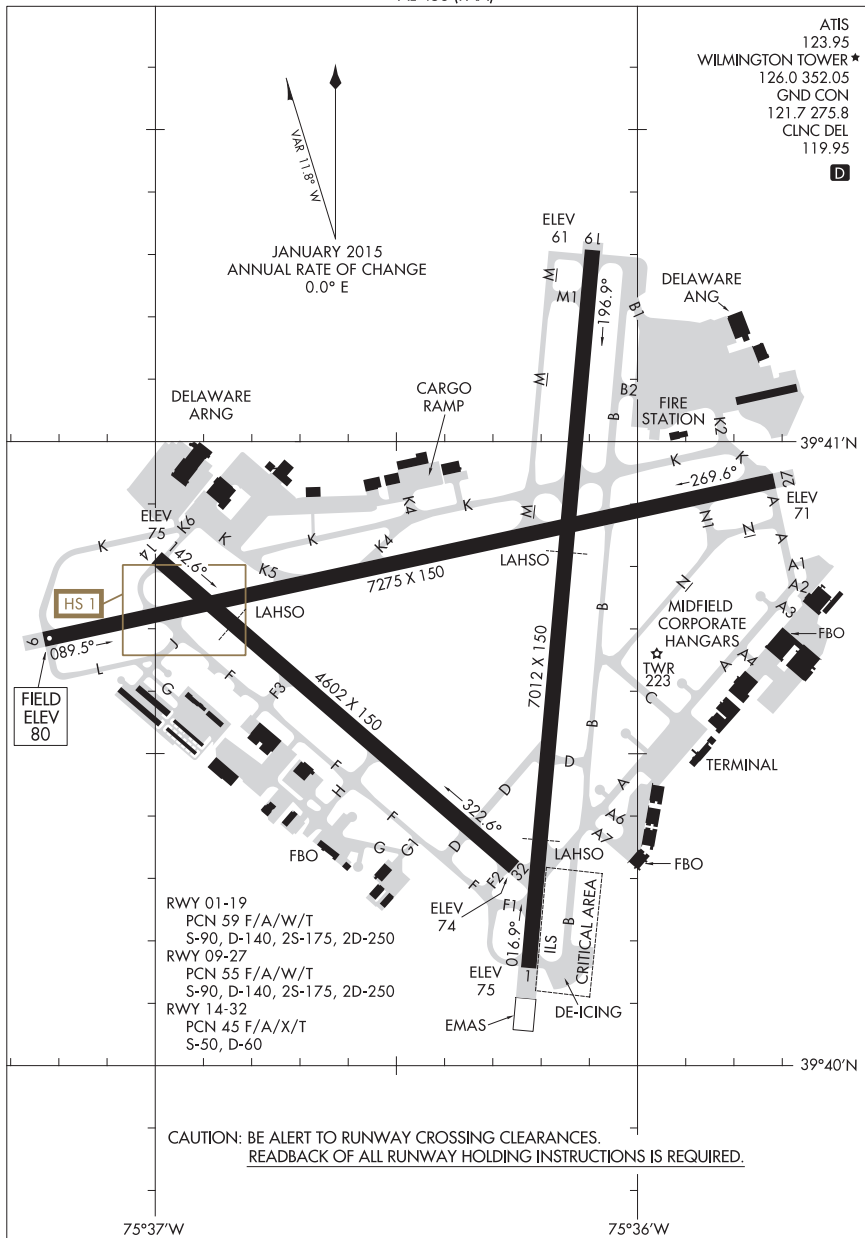
WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

17229

AIRPORT DIAGRAM

AL-458 (FAA)

NEW CASTLE (ILG)
WILMINGTON, DELAWARE



AIRPORT DIAGRAM

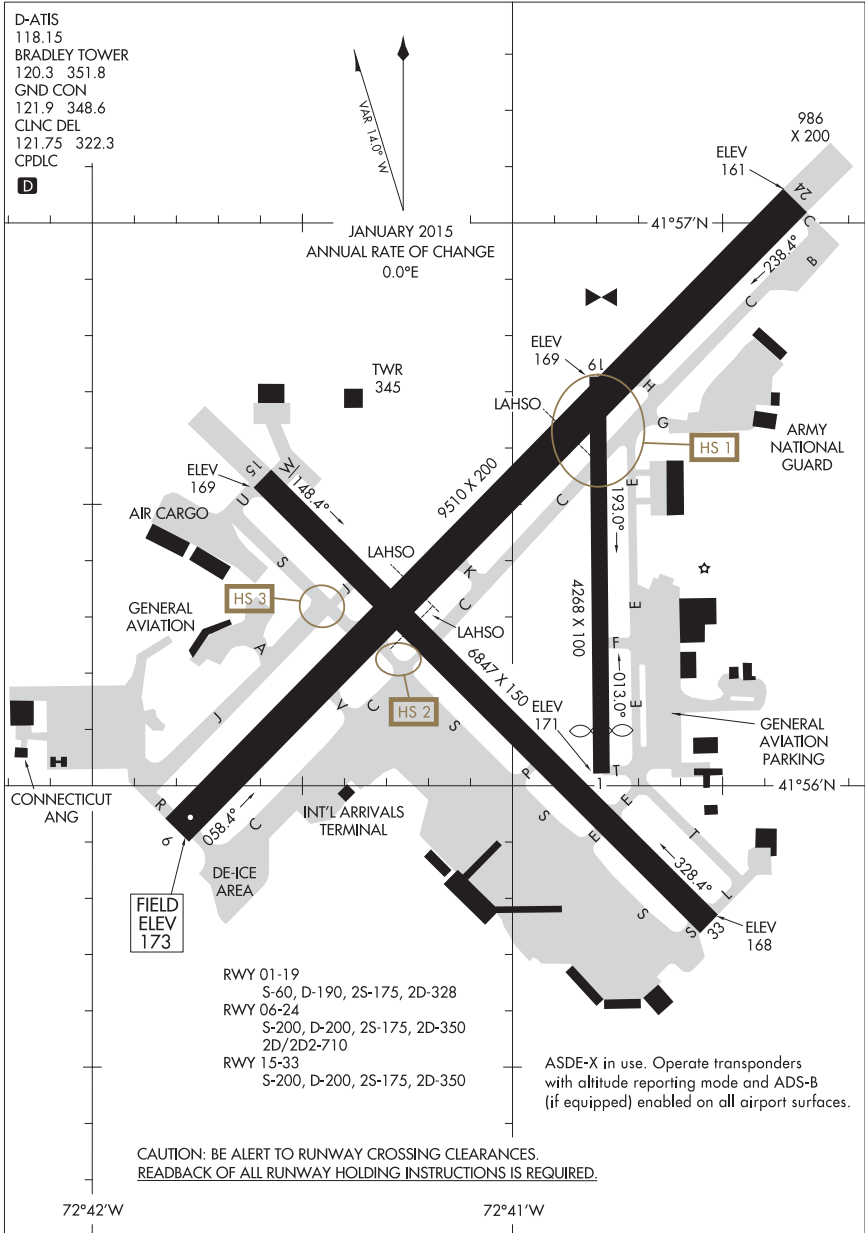
17229

WILMINGTON, DELAWARE
NEW CASTLE (ILG)

17117
AIRPORT DIAGRAM

AL-460 (FAA)

BRADLEY INTL (BDL)
WINDSOR LOCKS, CONNECTICUT



AIRPORT DIAGRAM
17117

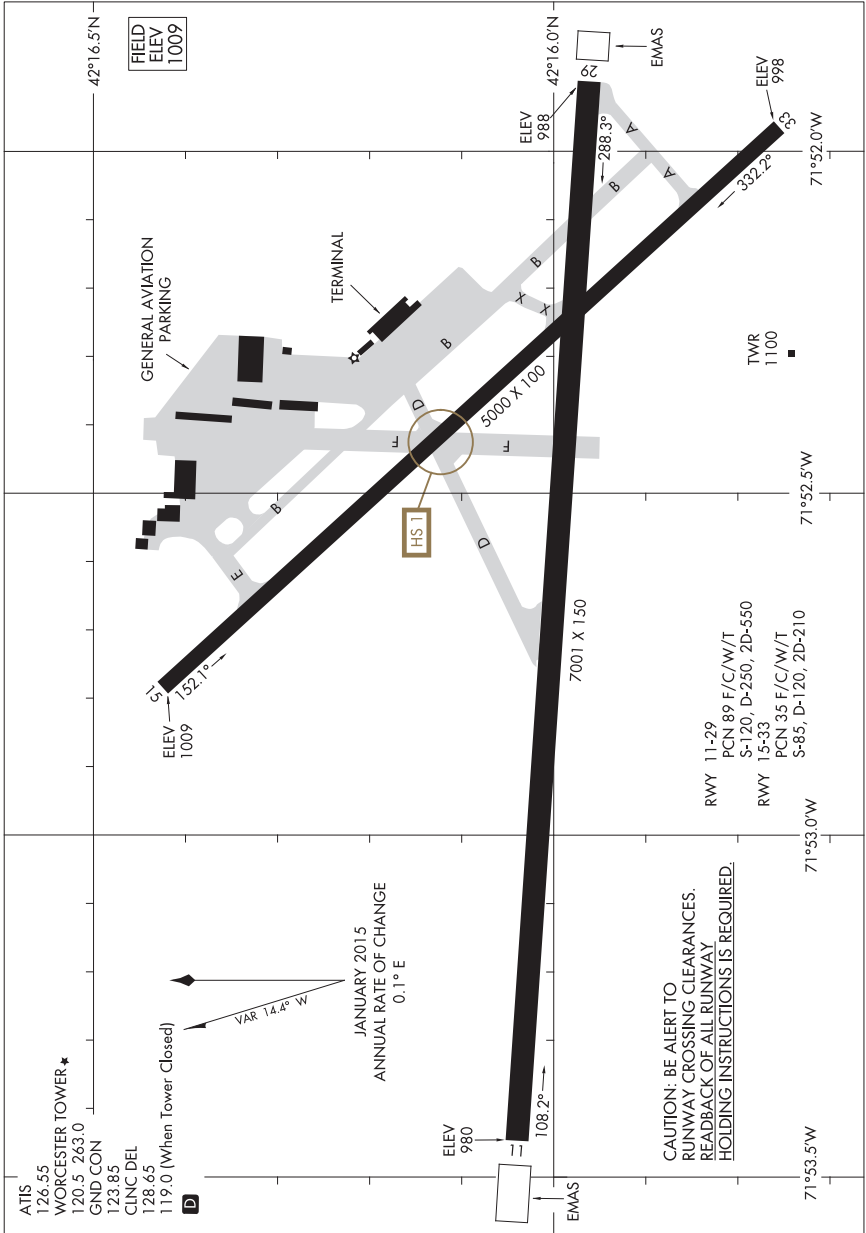
WINDSOR LOCKS, CONNECTICUT
BRADLEY INTL (BDL)

15064

AIRPORT DIAGRAM

AL-652 (FAA)

WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS



AIRPORT DIAGRAM

15064

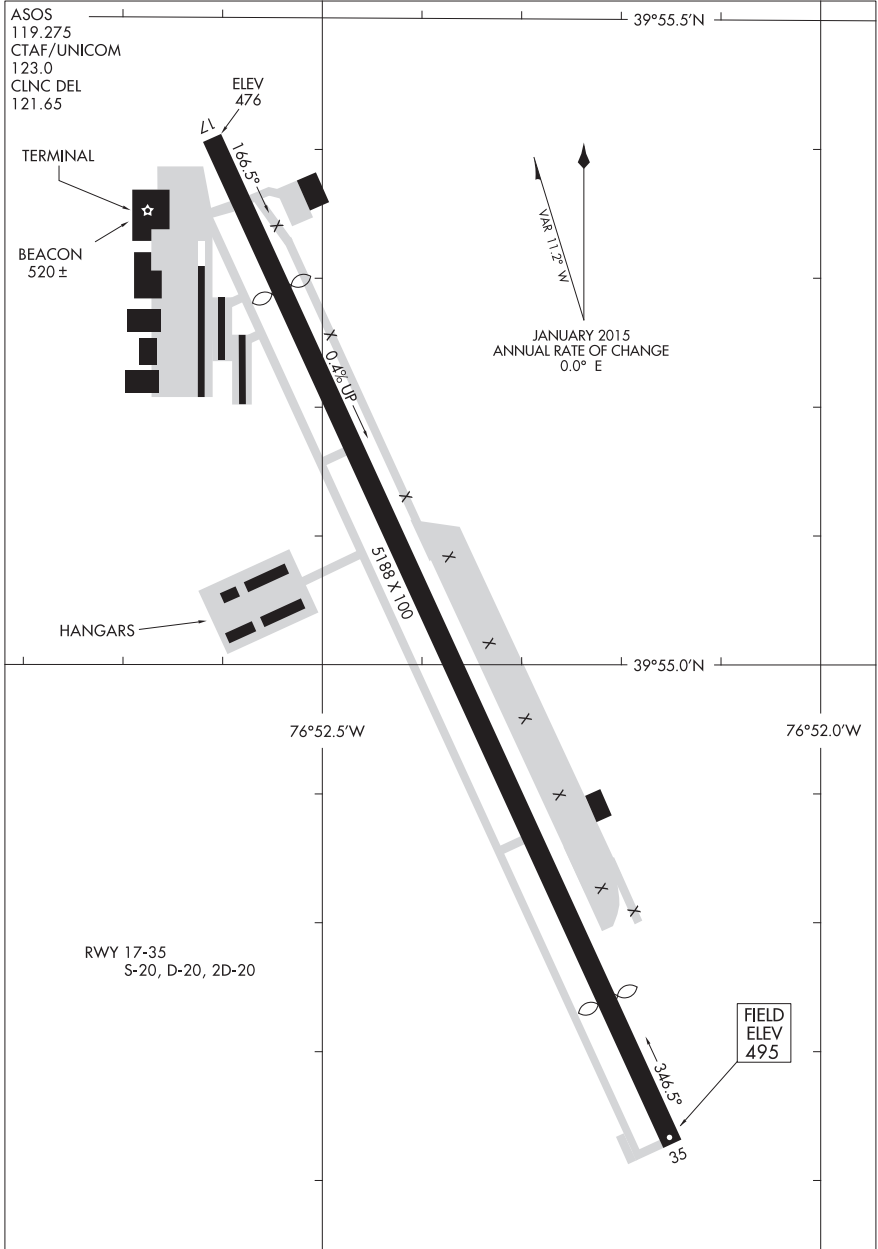
WORCESTER, MASSACHUSETTS
WORCESTER RGNL (ORH)

16147

AIRPORT DIAGRAM

AL-5137 (FAA)

YORK (THV)
YORK, PENNSYLVANIA



AIRPORT DIAGRAM

16147

YORK, PENNSYLVANIA
YORK (THV)

**INTENTIONALLY
LEFT
BLANK**

**INTENTIONALLY
LEFT
BLANK**

**INTENTIONALLY
LEFT
BLANK**

**INTENTIONALLY
LEFT
BLANK**

**INTENTIONALLY
LEFT
BLANK**

NATIONAL WEATHER SERVICE (NWS)
 UPPER AIR OBSERVING STATION (UAOS)
 AND
 WEATHER RADAR NETWORK



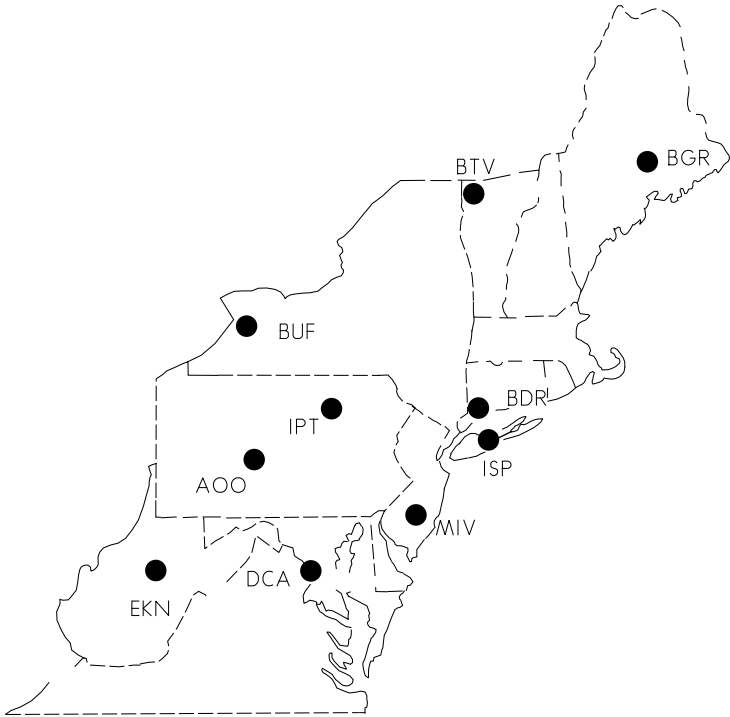
LEGEND

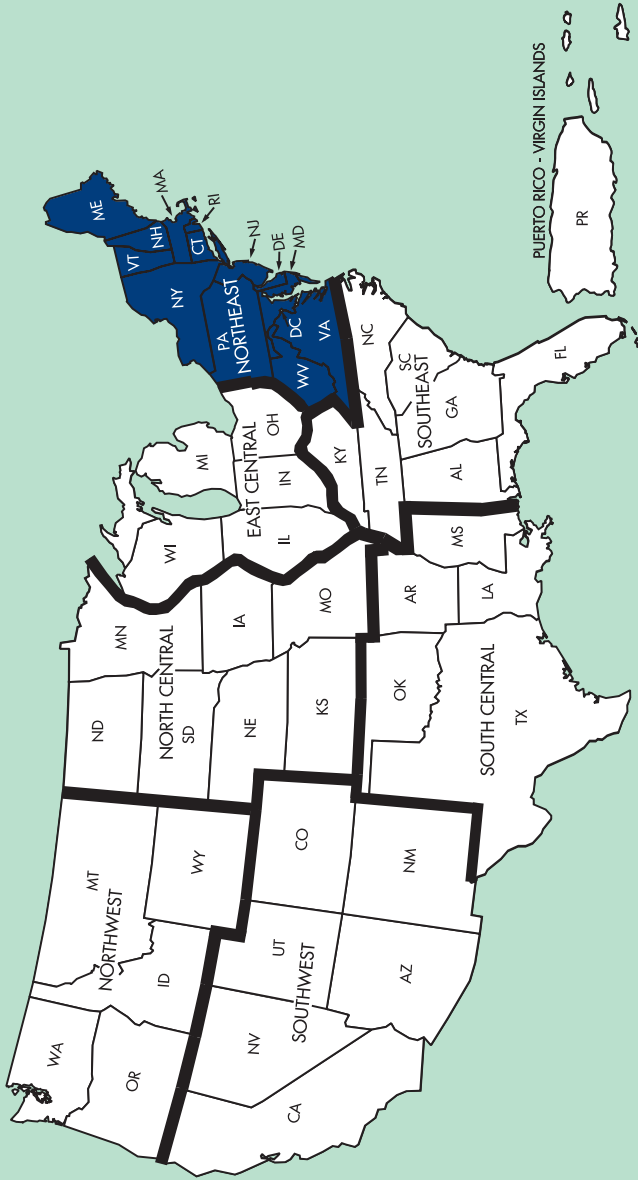
- △ AVIATION WEATHER SERVICE (MILITARY)
- ▲ AIR TRAFFIC CONTROL RADAR
- ★ UPPER AIR OBSERVING STATION/RADAR
- RADAR ONLY
- UAOS-BALLOON RELEASE AROUND 1100 UTC AND 2300 UTC DAILY
- OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

NOTE: FOR RELEASES LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

ENROUTE FLIGHT ADVISORY SERVICE (EFAS)

Enroute Advisories are available on ALL Flight Service Inflight Frequencies
(See ARTCC/FSS Frequency Tab)





FAA Product ID: AFDNE



NSN 7641014109596

EFF. DATE 17229

NGA REF. NO. ENRXXAFDUSNE

OK-10-2861

NE CT DDC DE MA MD ME NH NJ NY PA RI VA VT WV

17 AUG 2017 TO 12 OCT 2017