Flight Director Checklist

NS-48

	Launch Location = Clear Spring Launch Date = Trans 12th Attempt Number = 1	72015
Payloads:	22000	·4,516
	1 Specter v3	116/216
	Command Module	316 (316)
	BADASS HOST	<11b
	3 (TMU Test Payload) 2 Atmos	<u><11b</u>
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Comments:

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One Month in Advance: Vehicle Rental (check that outlets work) Helium Ordered	Lo rope co
Launch Week	
Pre-Flight Planning Checklist Launch Announcement Sent to Email List	re zollo
Launch Site Confirmed Launch Site Accommodations Payloads Lined Up	
Vehicles identified and configured for tracking Weather Check Ground Track Check	
Pre-Flight Systems Checklist	Solfons Aste
Inventory Bucket (check Inventory) Recovery Bucket (check Inventory) Balloon	allocary and
Backup Balloon Batteries (check if charged)	rage brocket
Bow Saw Cardboard Tubes Helium	
Launch Kit Machete	
Multimeter (add to IB) > gut a Soldaria Audit to IB > gut a Soldaria Audit	
Phone Chargers Power Inverter	
Sling Shot Spring Scale (check batteries) (cdd h IB) Sufficient Functioning Radios & GPS	that meaning
Tracking Antennas	
─Van Keys Waivers Walkie-Talkies (Wanging)	T.
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FAA Notification Checklist Notify Secret Service / Air Security Program (ASP@usss.) File NOTAM (6 hours prior) via fax: 703-777-8807 Call NOTAM desk (866-225-7410 ext 9) to verify that fax came through and get assigned NOTAM number: NOTAM # S. Coll Course Call Washington Center (2 hours prior): 703-771-3470 Call HGR Tower 301-797-2039 (NB: Tower opens at 7am on weekdays) __ 2 hours prior before inflation 5 min before release after release after touchdown Radios + Callsigns Checklist Command Module: W3EAX-311 KB3721-9 Main tracking van: KD2027-1 Second tracking van: Cooper's cov: KC3EMR - 1 Specific payloads: KC3EMR-17

Capitol Technology University:

Launch Day

 Assignments Still Photographer: Video Photographer: Payload Commander: Balloon Controllers Tether Line Handlers Clean Up Crew Navigators for each Chase Vehicle
 Everyone should have signed a waiver New ones collected; Sign-In sheet for other visitors Everyone needs to decide right now where they are going after the launch: chase, HCC station, or home? Chase Vehicles will need to leave semi-immediately (so go potty not and be ready to leave right after release) Those who are not chasing should stick around long enough to clear up and secure everything
Final Checks Weather Check Ground Track Check
Vehicle Integration Parachute to Balloon lanyard configured Parachute and Ring assembled Command Module in place Payload string lined up and assembled Payload string weighed: Necessary Free Lift = Antennas clear No sharp edges, no weak links

Pre-Inflation Checklist Helium Tanks uncovered and regulator hooked up Hook lanyard from chute around balloon neck before connecting to inflation tube! Instructions and Gloves to balloon handlers Instructions given to tether handlers & tether in place Full payload string laid out and ready to go Get lift measuring setup in place and measure total lift as needed
Inflation
Start inflating at max flow rate Inflation Complete: Measure Total Free Lift =
 Pre-Release Checklist Clear to Launch (Range Safety) Payloads Ready (Payload Commander) Tracking Good (CapComm)
Countdown & Release All Payloads Switches On Raise Stack above pad in full flight configuration Telemetry and Downlink good Tether handlers ready Photographers ready Countdown from 10 Release
Release Time Mark =
Initial Heading of Flight =

Chase Teams

	Chase 1: Pilot = _	Nick				C V W
	Navigator = _	New Dale		1	notes of	Need
	Communicatio	ns Officer =(emdon		3	
	Back Seat 1 =	Thomas	Back	Seat 6 =		
	Back Seat 2 =		Back	Seat 7 =		
	Back Seat 3 =		Back	Seat 8 =	5	
	Back Seat 4 =	-		Seat 9 =		
	Back Seat 5 =		Back	Seat 10 =		
	Cell Phone Number					
Depat?	Chase 2: Pilot = _ Navigator = _ Communication		Sames		long - S	tove
	Back Seat 1 =		c .	Seat 6 =		
	Back Seat 2 =			Seat ? =		· · · · · · · · · · · · · · · · · · ·
	Back Seat 3 =					
	Back Seat 4 = Back Seat 5 =			Seat 10 =		
	Cell Phone Number		Dack	36at 10 -		•
	Cell Filone Number					
	Cars: Bowden [Cooper -> Bryan ->	Steve, Sky (Som) Biney	aughter, Jai	D mes] Rom) Jose	a Louisma	Josh + Camden + (Cooper) + (Sky)
	Van	Torrote Torrote	of Carry	le , Camder Thomas	(coun)	(Steve) Weel Josus
Bn	gons Pilot &	Smon				(Bryan) Nick
		Biencan	The	saling		Lauren? Bianca Dale
	Commit	2.27				Same
						Dale
	And the second	pate Limite				* James