Lead Project Scientist

Storm	or P	roject Tonal Experiment name TOR				
Flight	ID _	101106INAS Mission ID 2/2/A TOMAS				
Preflig	ght					
	1.	Participate in general mission briefing.				
	2.	Determine specific mission and flight requirements for assigned aircraft.				
	3.	Determine from AOC flight director/meteorologist whether aircraft has operational fix responsibility and the mission designation.				
	4.	Contact HRD members of crew to: a. Assure availability for mission. b. Review field program safety checklist c. Arrange ground transportation schedule when deployed. d. Determine equipment status.				
	5.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.				
	6.	Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight requirements and provide a formal briefing for the flight director, navigator, and pilots.				
	7.	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.				
	8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.				
	9.	Make sure each HRD flight crew member has a life vest.				
Works Came	10.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.				
In-Flig	ght					
	1.	Confirm from AOC flight director that satellite data link is operative (information).				
	2.	Confirm camera mode of operation.				
	3.	Confirm data recording rate.				
	4.	Complete Lead Project Scientist Form.				
	5.	Check in with the flight director to make sure the mission is going as planned (i.e. turns are made when they are supposed to be made).				
Post fl	ight					
	1.	Debrief scientific crew.				
	2.	Gather completed forms for mission and turn in to data manager at HRD.				
	3.	Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.				
	4.	Obtain a copy of the radar DAT tapes. Turn in with completed forms.				
	5.	Obtain a copy of serial flight data on thumb drive. Turn in with completed forms.				
[Note: all	data re	moved from the aircraft by HRD personnel should be cleared with the AOC flight director.]				
	6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.				
	7.	Determine next mission status, if any, and brief crews as necessary.				
	8.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.				
	9.	Prepare written mission summary using Mission Summary form.				

Lead Project Scientist Check List

Function Participant	Function	
	runction	Participant
Lead Project Scientist Alexan	Flight Director	Domino
Radar/Workstation	Pilots	- There is a
Gameh	Navigator	Molion Swerry Adres
Cloud Physics	Systems Engineer	Aland Daby
Photographer/Observer (Guests	Data Technician	Machor Macaro
Dropwindsonde Vukuceric	Electronics Technician	wind, william
AXBT/AXCP	Other	Rotteral

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
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	\$8.000 (solds) (sold 2)		to appropriate propriate assessment	
			and the second second second	
a proposition of the second			DOMEST DESCRIPTION	

D. Mission Briefing: TDR mussion, Deur poiss, CCN/ders of runs on 2 downword legs, Possible BL work 18-sonde sequence on one intourisely.

Lead Project Scientist Event Log

Date 6 Nov 2010 Flight ID 1011061 LPS Aberson

Time	Event	Position	Comments
0805	Ye ke by	57X	
0915	Begin Locant &	DIP	
0924	Tun Adopt :	+ outrite convertue ban	ad lightning, strong hand
0927	dwesting around coll		
0940	40- mm- uside partia	I ring on LF	ADENTAL ORDER
0943	center day for a		drop 2
1007	Jun and drop		drop 3
1027	inboundlen		drop4
1038	mudpoint dop	just of Caicas	dop 5
1050	marked ander mo	dos Stongortconucto	ion Nas genter, open W
1100	medpoint drop in	redering trong band	dop 6 22 7/0
1111	endpoint kop so	wal to 200ft	drop 7
1123	clemb to 3K moar	- /	
1130	clim 6 to 3.5 K	4	
1135	began ascent to 5K	2	
1139	Furn in bound at 3.	K	dop8
1201	center drop 2	235 7053	dop9 Laitdal 989.7
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1339	ascent & 8.5 kft		
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1259	medpoint		drop 12
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	most a	nuertion mous on Sside	

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1321	mapoint	dop14
1330	Cart kop	drp 15