Lead Project Scientist

Flight ID	050886 1 2015082612 Mission ID 0306 A ERIKA					
Preflight						
	Participate in general mission briefing.					
1.	Determine specific mission and flight requirements for assigned aircraft.					
2.						
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.					
10.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.					
In-Flight	The state of the s					
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 flight						
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	removed 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 torm					

Lead Project Scientist Check List

Storm or Project Aberson	Experiment name TDR
Flight ID 05082612 2015082612	Mission ID 0305A ERIHA

A. Participants:

HR	D	AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	Aberson	Flight Director	Sears	
Radar/Workstation	Region	Pilots	2 /- "	
oftend latent to the way and de-			Prace Didier	
or completely the law or key		Navigator	Siegel	
Cloud Physics	Pall, again and for glass police	Systems Engineer		
Mary N. 20 DOM to sweet because	1	Data Technician		
Dropwindsonde/DWL	Bucci	Electronics Technician		
AXBT/AXCP		Other Klippel Laler	nde Kahn Naeher Peek	
Photographer/Observer		Smith		
s/Guests		Once; · ·		

B. Take-off and Landing Times and Locations:

Take-Off: 1655 UTC Location: Barbadas

Landing: 1326 UTC Location: Barbadas

Number of Eye Penetrations: _____

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
17:50:59	15 59	58 35	1008mb	8kt FL 54 mm. RMD 23kt SFMR 46nm. RMD 327/1
19:14:26	16 12	58 43	1007 mb	321ct Ft Strami RMD 37kt SFNR 83 mm RMD 36 kt FL Warner RAW 30 kt FL Warner RAW
20:30:53	16 31	58 49	100 6mb	37 PC 31 1/16 VI MING KMOD
21:49:33	1 24	59 05	1006 mb	36kt FL Gorm RMW
22: 36:43	16 16	59 04	1006mb	36 Kt FL Gram RMW 10K4

D. Mission Briefing: There are 400 APPs to show LF, but only one for TOR
1CU set to only hear FD. Change?

Lead Project Scientist Event Log

Date	Flight ID	2015082612	LPS	CONT. AND ADDRESS.

Time	Event	Position	Comments
1726	17 dest soule		
1730	Edge of convertion -	sot 5	Amaragari a
1746		Jumino orand	Livehell
1750	Center drap & Gur	n outbound	To the Residence of
1759	Lot A sa clutter, v	acced elempton stell go	te a bit but better lan wanted
		wateral aurorenous	maters and
18#7	Endpoint hurs down		CHS soudus
1837)	Endpoint hum int	found Smile	PENSAMBIRA I
1914	Center	Smde	emmorton (gražići
1919	Musor convection.	Gt 5	поринатеМ
1937	Endpoint. Turn down	wind Soule	aniems .
1949	Some convertion Set	5	
	Going to 16 36 since	linny F thinks com	ter is up these
1959	Endount hum inbour	T. Jondo	
2000	Minor convertion Set	5	
2021	Center sonde		
2042	BT/sonde Yurm den	murnd	
2117	Endpoint Herm inbound	Le Sonde foutside lus	m
2149	missed center to a	rt sonde	
2211		ng Yurm back imbourn	
	Much stronger partes	Sy winds at wood 4	an 5000
2236	center light & war		
2305	Passed final by call	orpping up det &S	andyse sent
2			