		Lead Project Scientist
Date	98	SIL19 Flight ID 1908311+2
Storm Missio	or P	roject 08 60000 Experiment name Dorker (ACS)
Pre-fli	ghí	
M	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:
0		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.
1	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.
4	K	Report status of aircraft, systems, necessary on-board supplies and crews to Field Program Director.
1	8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
	8	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-Fli	ght	
	1	Confirm from AOC flight director that satellite data link is operative (information).
	2/	Confirm camera mode of operation.
F	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	
19	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.
0	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 ren	noved 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 Field Program Director
	7.	Determine next mission status, if any, and brief crews as necessary.
4	8.	Notify Field Program Director as to where you can be contacted and arrange for any further coordination required.

Prepare written mission summary using Mission Summary form.

Lead Project Scientist Check List

Storm or Project Dorion (ACOS) Experiment name TOR

Flight ID 19083142

Mission ID

A. Participants:

Function	Participant	Function	Participant
Lead Project Scientist Hu	relton	Flight Director Parish Pilot Kibbey	
Radar Roses		Pilot Kibbey	
Workstation —		Pilot Abib / 16551	
Cloud Physics		Pilot Abib / Rossi Pilot Abib / Rossi Navigator Umb	
Dropsonde Sulwood		Systems Engineer —	
Dropsonde —		Data Technician	
AXBT/AXCP —		Electronics Technicians _	
Observer/Guest —			
Observer/Guest —		Flight Engineer	

B. Take-off ar	d Landin	g Times and	d Locations:	CI
B. Take-off ar	OTC OTC	Location: _	Caleland	1PC
Landing:	UTC	Location:	whelm	17FC
Number of Eve	Penetrati	ons:		

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
31/21	26.2	79.9		130 kt
11/18	26.6	77,0		130 Kt
8) 50	ソル	77,5		120 Kt
03/ 18	26,3	79.1		110 Kt
001 18	31.6	70.0		as Kt

D. Mission Briefing:

TDR butterfly

8 K

New cut5

Storm or P	roject_	1000000 A 1) 01	Experiment name T	OR
Flight ID	190	171159	Mission ID	

E. - Equipment Status (Up U, Down D, Not Available N/A, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / CDs /Expendables/ Printouts
Radar/LF	0/	U	U	U
Doppler Radar/TA	1)//	U	1/	U
Cloud Physics	09-	0	()	0
Data System	50	Ü		U
GPS sondes	J	Ü		U
AXBT/AXCP	0-	0	()	0
Ozone instrument	0 -/	0	0	0
Workstation	U J		11	
Cameras	0	0	0	0

REMARKS:		11/5	61	rador
Mebokel	HRD	0.0	,-	1

Lead Project Scientist Event

Date 08/3/19

Flight ID 190831HZ LPS Hazelton

Time	Event	Position	Comments
2110	Takeoff		
2118	Maintenence		
2/25	Iteached for st	am	
3237	End Soule		
2249	Mid Sorde		
1359	Center	26.18.74.57	
2301	RMU Souch	4	
2002	Nesdis Sonde		
2303	Nesolis Sonde		All telentry lost
2313	Mid Sonde		
2320	End Sonde		
2345	Grd Sonde		
3035	Mich Sorde		
2402	Nessis Sonde		
2403	Nesdis Sonde		
2409	GUEW!	ALL CIGATA	ITNG
2900	Eyevall Gorde		
2407	center	26.2 74.007	
2430	End Sorde	V	
246	trul Soude		0 1 2 10
2507	MIN Sonde		Bad Soule
3517.	Veguis Sonde		
45/5	Nesulis Sonde		
2016	Center	16.2 74.86	
1319	14Th Soule		
1500	Next & Sorte		
2511	Nesuis Sonde	L. L.	

Lead Project Scientist Event

Date 1000 08/31/19 Flight ID 190831 HZ LPS 1-19te Ho?

Time	Event	Position	Con	nments
1528	Mid Sonde End Sonde Started In NESCH'S Sonde			
2539	End Soule			
2543	Started In		Nesdis	log
2665	Neschis Some			•
7605	Nest's Sonde			
2 (0)	Nesdix Sonye			
5811	Nesdis 3 and			
2012	Nesdis Sonde			
2613	Nesdis Soule			
2613	Musclis Sorve		11	
2670	End of sig			
			a li	
		-		
		18		

Mission Summary

	Radar Scientist Cloud Physics S Dropwindsonde Boundary-Layer Workstation Scientist	cientist Scientist Scientist Scientist Scientist	ellwood.	
Mission Briefing	Observers (affili	Table Date of D	or page #)	
Mission Synopsis	s: (include plot of actua	al flight track)	- 171	
A			X	
Evaluation. (did YCS:	the experiment meet the TDR da	the proposed objection the solution winter	ves?) out, and sonder.	(NESDIS
Problems:(list al	I problems) Files	not sett	-ins to	Fol folder
Expendables used	d in mission.			
	Deployed	Good	Bad	
GPS sondes	31 29	30		
AXBTs.				
Sonobuoys:				
UAVs	-	-		