Lead Project Scientist

Storm o	or P	roject_\(\lambda_{\textit{QMP}}\) Experiment type \(\frac{\tag{VR}}{\textit{DR}}\)
Flight I	$\mathbf{D} \mathcal{U}$	1/80(2/41 Mission ID 1/4E Lane)
Prefligi		
	1.	Participate in general mission briefing.
	2.	Determine specific mission and flight requirements for assigned aircraft from the Field Program Director.
	3.	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.
	4.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.
	5.	Determine from AOC flight director the mission designation and whether aircraft has operational fix responsibility
	5.	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 Field Program Director.
	3.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drops.
	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-Fligh	ht	
1	Ι.	Confirm from AOC flight director that satellite data link is operative (information).
2	2.	Confirm camera mode of operation.
3	3.	Confirm data recording rate.
4	1 .	Request AOC flight director to leave radar in non-sector mode for initial Figure 4.
5	5.	Once at IP, request AOC flight director adjust radar tilt to minimize sea clutter.
6	5.	Complete Lead Project Scientist Form.
7	7	Check in occasionaly 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 flig	ght	
1		Debrief scientific crew
2	2.	Gather completed forms for mission and turn in to data manager at HRD.
3	3.	Obtain a copy of the Dropsonde raw and processed files from the AVAPS operator on thumb drive.
4	١.	Obtain a copy of the radar LF files from the radar technician on thumb drive.
5	5.	Obtain a copy of the tar'ed radar TA files from the radar scientist on thumb drive.
6	j.	Obtain a copy of serial flight data and raw NetCDF file on thumb drive from the data technician.
7	,	Obtain a copy of SFMR data on thumb drive from the data technician.
8	3.	Obtain a copy of DMT data on thumb drive from the data technician.
9).	Report landing time, aircraft, crew, and mission status to the Field Program Director.
1	0.	Determine next mission status, if any, and brief crews as necessary
1	1.	Prepare written mission summary using Mission Summary form.

	Lead Proje	ect Scientist Check	List	
Storm or Project_	Lane	Experimen	nt nameTDR_	
Flight ID 20/1082	141	Mission ID	07/4E Lane	
A. Participants:				
	HRD		AO	С
Function	Particip	ant Functio	n	Participant
Lead Project Scient	tist Aberson	Flight D	irector	Horniso
Radar/Workstation		Pilots		The long
DWL Cloud Physics Dropwindsonde AXBT/AXCP Photographer/Obsess/Guests B. Take-off and Lan Take-Off: ON L Landing: ON L Number of Eye Pene	nding Times and JTC Location: H	Data Ted Electron Other WC Locations:	Engineer	Kahn Didier Abite Urato Heystek Sanchez Mascaro Execus Patel
C. Past and Forecas	st Storm Location	ıs:		
Date/Time	Latitude	Longitude	MSLP	Maximum Wind

D. Mission Briefing:

Lead Project Scientist Event Log

Date	Flight	ID	LPS	5

Time	Event	Position	Comments
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0649	backup 8T	27.3C SST	

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Lead Project Scientist Event Log

Date	Flight ID	LPS	

Time	Event	Position	Comments
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		Tourgu MARC	an't sa full egeral
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0739	leve drop	95/mb	13,93 151,09 073938
0743	sycioal diop		
0804	anal soude		
0822	DIMINHER OULDER	ind leg	
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