Lead Project Scientist

Storm o	r Project	Experiment type Cerale
Flight II	•	DIFOS-4H2 Mission ID
Prefligh		
1	. Partici _I	pate in general mission briefing.
2	. Determ Directo	ine specific mission and flight requirements for assigned aircraft from the Field Program or.
3	a. As b. Re c. As	t HRD members of crew to: ssure availability for mission. eview field program safety checklist crange ground transportation schedule when deployed. etermine equipment status.
4	. Meet w	rith AOC flight director and navigator at least 3 hours before take-off for initial briefing.
5	. Determ	ine from AOC flight director the mission designation and whether aircraft has operational fix sibility.
6	. Meet w	with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight ments 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.
8	. Before	take-off, brief the on-board GPS dropsonde operator on times and positions of drops.
9	. Make s	ure each HRD flight crew member has a life vest.
10		n a headset operation check with all HRD flight crew members. Make sure everyone can hear sak using the headset.
In-Fligh	t	
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.	Request	AOC flight director to leave radar in non-sector mode for initial Figure 4.
5.	Once at	IP, request AOC flight director adjust radar tilt to minimize sea clutter.
6.	Comple	te Lead Project Scientist Form.
7.	Check is when the	n occasionaly with the flight director to make sure the mission is going as planned (i.e. turns are made ey are supposed to be made).
Post flig	ht	
1.	Debrief	scientific crew.
2.	Gather o	completed forms for mission and turn in to data manager at HRD.
3.	Obtain a	copy of the Dropsonde raw and processed files from the AVAPS operator on thumb drive.
4.	Obtain a	copy of the radar LF files from the radar technician on thumb drive.
5.	Obtain a	copy of the tar'ed radar TA files from the radar scientist on thumb drive.
6.	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.	Obtain a	copy of DMT data on thumb drive from the data technician.
9.	Report l	anding time, aircraft, crew, and mission status to the Field Program Director.
10). Determi	ne next mission status, if any, and brief crews as necessary.
11	. Prepare	written mission summary using Mission Summary form.

Lead Project Scientist Check List

HRD	essi kirjokkinin kalukus di lima di kuto saksi kutokon oran kenson di dalah di puszus saksa bida ke	AOC	7
Function	Participant	Function	Participant
Lead Project Scientist	Clore	Flight Director	Willians
Radar/Workstation	Ryn	Pilots	Rue
		Navigator	
Cloud Physics		Systems Engineer	SALATA WINDOWS CONTROL WALLE TO CONTROL WALLE TO CONTRACT OF CONTR
-	EVAN	Data Technician	
Dropwindsonde		Electronics Technician	
AXBT/AXCP Photographer/Observer s/Guests		Other	
3. Take-off and Landing Take-Off: 704 UTC 1			
Landing:UTC			

Latitude	Longitude	MSLP	Maximum Wind
	Latitude	Latitude Longitude	Latitude Longitude MSLP

D. Mission Briefing:

Storm or Project	_ Experiment name	
Flight ID	Mission ID	
E. —Equipment Status (Up ↑, Down ↓, No	ot Available N/A, Not Used O)	

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / CDs /Expendables/ Printouts
Radar/LF				
Doppler Radar/TA				
Cloud Physics				
Data System				
GPS sondes				
AXBT/AXCP				
Ozone instrument				
Workstation				
Cameras				

REMARKS: Dan mr to Cordnet
REMARKS: Plan mr to Cordnet Or More UAS explude Orbits
Motor Failne (2X) in Coyde
prevented the execution of the
plan. What we sot was 2
nomn glides tothe surface.
On in eye one in enjewell

Lead	Project	Scientist	Event	Log
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	, /	Lead Pro	ject Scientist Event Log	
Date	9/33/12	Flight ID	2017 Car CLPS	Ciso

Time	Event	Position	Comments
1704	· Take off	La Haland	
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-19:00	3 Copt 1	Mainey	Olle / ho Nor
-19:80	Coyse 2	Mariaen	Glile/nonto e
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	AN C		
			The Part of the Pa
		:	

Mission Summary Storm name YYMMDDA# Aircraft 4_RF

Scientific Crew (4 RF)	
Lead Project Scientist	
Radar Scientist	
Cloud Physics Scientist	
Dropwindsonde Scientist	
Boundary-Layer Scientist Zhag	
Workstation Scientist	
Observers (affiliation)	
Mission Briefing: (include sketch of proposed flight track or page #)	
Hogge eyell orbots	+ IFSY Comiles
Mission Synopsis: (include plot of actual flight track)	JUR 11 48
•	
Englishing (did the symptoment west the proposed chiesting)	
Evaluation: (did the experiment meet the proposed objectives?)	
•	
-	
Problems:(list all problems)	
Expendables used in mission:	
GPS sondes : 23	
AXBTs:	

Sonobuoys: