Lead Project Scientist

Date	9]	1/19 Flight ID 20190901 H
Storn Missie		roject ALOS/DORIAN Experiment name EMC /NESOUS OCEAN WINDS
Pre-fi	igh/	
	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 Field Program Director
	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-Fli	ght	
	L	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-f	light	
	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 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.
	8.	Notify Field Program Director as to where you can be contacted and arrange for any further coordination required.
	9	Prenare written mission summary using Mission Summary form

Lead Project Scientist Check List

Storm or Project ALOS/OURIAN

Experiment name &TTC / NESOU OCEAN WINDS

Flight ID

2905A

Mission ID

14 1000 PIOS

A. Participants:

Function	Participant	Function	Participant
Lead Project Scientist	Zawislak	Flight Director SEARS	
Radar Dunion		Pilot DOIER / MITCHELL	
Workstation		Pilot	
Cloud Physics		Navigator FREEMAN	
Dropsonde Dank		Systems Engineer	
Dropsonde		Data Technician	
AXBT/AXCP NESOLS:		Electronics Technicians	
Observer/Guest	CHANG		
Observer/Guest		Flight Engineer	

B. Take-off and Landing Times and Locations:

Take-Off: 1204	UTC	Location:	LAL
Landing:	UTC	Location:	

Number of Eye Penetrations: 3 x car 5

C. Past and Forecast Storm Locations:

1100	
FUST	->
	ion Fust

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
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1 / 1200 2	20 4N	76.3W		135 tr
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THOUGH LINEUS HIGHER

D. Mission Briefing:

STANDARD BUTTERFUY PATTERN FOR ENC - 300/120, 60/240, 180/360 QUINNU LEGS, DO ENDPOUT/MOPOINT/CENTER (1º1/3º) AM LIKEU PMW ON NERELY EACH LEG

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TRY ATT DO 10'MEL PRESSURE FIRST BY BESONG THE 55", THEN DOWN TO BIES PRESSURE FOR PRIT OF PARTERS

Storm or Project_	ALOS/DORIAN	Experiment	name	EMC /	OCEAN WINDS
Flight ID	2905A	Mission ID	2019	0901 AI	

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				
Doppler Radar/TA				
Cloud Physics				
Data System				
GPS sondes				
AXBT/AXCP				
Ozone instrument				
Workstation				
Cameras				

REMARKS:

DMT PROBET STILL NOT UP

Lead Project Scientist Event

Date 9/1/19

Flight ID 20190901 H, LPS ZAWISCAY

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Lead Project Scientist Event

Date 9/1/19

Flight ID 20190901 41 LPS Zawisusk

LAGA STA

808 mb 55 me

Time	Event	Position	Comments
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			FRUM THE SOUTH
			EME MESSOCKI ARK LEBYLA THE GRING
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Mission Summary

Scientific Crew (42RF) Lead Project Scientist Zawiscak Radar Scientist Domon Cloud Physics Scientist Dropwindsonde Scientist DAHL / Zaws Car Boundary-Layer Scientist Workstation Scientist Observers (affiliation)

Mission Briefing: (include sketch of proposed flight track or page #)

DU A BUTTERFUY 90 mm UTO OF 8 KM, NW 4E, & WE-> TW, SAN ACTUALLY HAS TO DO FIG. 4 JUST TO TRY TO GET DOES INTO THE 127 CHOICE, WHICH WE DIDN'T GAMELL DO

Mission Synopsis: (include plot of actual flight track)

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ENC. THEOR ON OUR HOPE FOR SEME VON S. DION'T GED IN WI THE TIME. PWI WA SP 337 GARES

SUNDA WARE BROST UN IN PLANW

Problems:(list all problems)

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Expendables used in mission:

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GPS sondes:

28

+ tusucary which knows

AXBTs.

4 SONDES HAP D TOUGH TIME IN RAL

an SUNDRI OU A LOT OF

Sonobuoys:

RMU DROPS.

UAVs

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