Lead Project Scientist

Date 10/7/20
Storm or Project Delta
Mission ID

Flight ID Low 1007 III
Experiment name TDR

Pre-fl	ight					
P	1.	Participate in general mission briefing.				
7	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.				
V	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.				
U	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.				
1	9.	Make sure each HRD flight crew member has a life vest.				
d	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	•				
П	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-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.	Prepare written mission summary using Mission Summary form.				

Storm or Project	Experiment name
Flight ID	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				
Doppler Radar/TA				
Cloud Physics				
Data System	1			
GPS sondes	1			
AXBT/AXCP				
Ozone instrument				
Workstation				
Cameras				

REMARKS:

Fly rotated Fig. 2, 1Pm NW side. Leg lengths 75 nm. Drop soudes at end pts, nidets, 1st and ffth center pass. Drop 2 BTs ropid five on Esple mid pt, safety permitting. Drop Romer soules on N.E.W. s. do sides. Fly 8 Est where for bumps, then try 12 Ett. Through grouped may be an issue.

Lead Project Scientist Event

Date 10/7 /20

Rogers During Flight ID 20 20 10077 LPS

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