30 mm

Lead Project Scientist

Storm	or P	roject Post-Galorielle Experiment name Genesis
Flight		
Prefli	ght	Wheeler 17090771 Wheeler ID
1	1.	Participate in general mission briefing.
/	2.	Determine specific mission and flight requirements for assigned aircraft.
7	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.
7/7/	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 MGOC in Miami.
_	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	s/Guests
/	1.	Confirm from AOC flight director that satellite data link is operative (information).
\frac{1}{\infty}	2.	Confirm camera mode of operation.
1	3.	Confirm data recording rate.
1	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 fi	light	
	1.	Debrief scientific crew.
1	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.
1	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		noved from the aircraft by HRD personnel should be cleared with the AOC flight director.]
<u> </u>	6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
1	7.	Determine next mission status, if any, and brief crews as necessary.
1	8.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
1	9.	Prepare written mission summary using Mission Summary form.

Lead Project Scientist Check List

HRD Participant			AOC		
	Participant		Participant		
Radar/Workstation J, Zhang.		Flight Director Pilots	Dimiano		
Cloud Physics		Navigator Systems Engineer Data Technician	Melson, Sweet Gallagher Peok, Nee ho Nonvan		
Dropwindsonde AXBT/AXCP Photographer/Obs	erver IWPAF ground	Electronics Technician Other	<u> </u>		
s/Guests		The second second second second second second	THE REAL PROPERTY.		
S. Take-off and L. Take-Off: 1456 anding: 2233 Jumber of Eye Per	anding Times and Loc UTC Location: 57	ations:	Might taky		

D. Mission Briefing: (mobut module mission into remaints of Cabrielle.

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at corner points of subsequent drops. Once done, find boution in clear air on work
at corner points of subsequent drops. Once done, find boution in clear air on work
of fly box stepped descent, Pry 12 nm leas wores, but 1000, 5500, 4000, 2500, 1000 ft. Drop
to fly box stepped descent, play 12 nm leas wores, but 1000, 5500, 4000, 2500, 1000 ft. Drop
to fly box stepped descent, presiptor what, but some same was making namewers in preciptor what,

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Lead Project Scientist Event Log

Date 9(7/13 Flight ID LPS Rogers

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, , ,		1 1000	Electronics 7	les of box, GPS, BT
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			N	on our west
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	anding	Z_USC Location		OPS, BT, 10 amound
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Lead Project Scientist Event Log

Date 9/7/13 Flight ID LPS Poyers

Time	Event	Position	Comments
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Lead Project Scientist Event Log

Date 9 (7)	13 Fligh	t ID	LPS	Ruceis
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