## **Lead Project Scientist**

Storm or	Project Stagod Experiment name Of Ref
Flight ID	136914H1 Mission ID
Preflight	III malasibit
1.	Participate in general mission briefing.
2.	Determine specific mission and flight requirements for assigned aircraft.
2. 3. 4.	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.
<u>v</u> 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.
7. 8. 9. 10.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
In-Flight	S/Griesis
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 fligh	
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	removed 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 MGOC.
7.	Determine next mission status, if any, and brief crews as necessary.
8.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
<u> </u>	Prepare written mission summary using Mission Summary form.

## **Lead Project Scientist Check List**

Function Participant Function Participant  Lead Project Scientist Radar/Workstation Flight Director  Radar/Workstation Pilots  Navigator  Systems Engineer Data Technician  Dropwindsonde AXBT/AXCP Photographer/Observer s/Guests  B. Take-off and Landing Times and Locations:  Take-Off: UTC Location: UTC Location: C. Past and Forecast Storm Locations:  C. Past and Forecast Storm Locations:  Maximum Participant  Function Participant  Flight Director  Stars  Halveson Kill  Adveson Adveson Adveson Adveson Adveson Adveson Adveson Adveso	1111	HRD		AO	C
Lead Project Scientist Radar/Workstation  Cloud Physics  Cloud Physics  Dropwindsonde  AXBT/AXCP Photographer/Observer s/Guests  B. Take-off and Landing Times and Locations:  Take-Off: UTC Location: Location: Location: Locations:  Navigator  Systems Engineer  Data Technician  Electronics Technician  Other  Other  Number of Eye Penetrations:  C. Past and Forecast Storm Locations:  MSL B. Maximum.	Function		Function	Function	
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Cloud Physics  Data Technician  Electronics Technician  Other  Data Technician  Electronics Technician  Other  B. Take-off and Landing Times and Locations:  Take-Off: UTC Location: UTC  Landing: UTC Location: UTC  Number of Eye Penetrations:  C. Past and Forecast Storm Locations:  Maxim			. Pilots		Walney Vi
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## **Lead Project Scientist Event Log**

Date 9/14/13 Flight ID 130914 HI LPS Rogers

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Lead Project Scientist Event Log

Date 9/14/13

Flight ID 1309 1411 LPS

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## Mission Summary Storm name YYMMDDA# Aircraft 4→RF

Scientific Crew (42RF)
Lead Project Scientist 20303

Radar Scientist Cloud Physics Scientist Dropwindsonde Scientist Boundary-Layer Scientist Workstation Scientist Observers (affiliation)

Mission I	Briefing: (include skeich of propo	sea jugit track or page ")	
	see previous		
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