## Lead Project Scientist

Flight II	111027H1   Mission ID 12/8 A RINA			
Prefligh				
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 responsibili 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 flig 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	<ol> <li>Perform a headset operation check with all HRD flight crew members. Make sure everyone can he and speak using the headset.</li> </ol>			
In-Fligh				
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 a supposed to be made).			
Post flig	ht Modern Large Large of fan 1.0 ()			
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 dat	a 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 traircraft 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.			
9.	Prepare written mission summary using Mission Summary form.			

#### Lead Project Scientist Check List

	AU	C
Participant	Function	Participant
Madie vi	Flight Director Pilots Navigator	Moun/Sureney/Nar Kulder
ver	Electronics Technician	Darby Lynch Warnerko/Carpe
	Marks viewer Tom Fitz Dennifer	Flight Director Pilots  Marks 10  Navigator Systems Engineer Data Technician  Tom Fitz   Jennifer Painman  Floatronics Technician

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D. Mission Briefing: Half TDR musion due to land. Takeoff delayed due to yesterday's issue and five warning on previous flight.

### Lead Project Scientist Event Log

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