## **Lead Project Scientist**

Storm	ı or P	roject KAVL Experiment name 1				
Flight	ID_	20/60924-71 Mission ID				
Prefli	ght					
/	-1.	Participate in general mission briefing.				
	2.	Determine specific mission and flight requirements for assigned aircraft.				
<del></del>	3. Determine from AOC flight director/meteorologist whether aircraft has operational fix respons 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.				
	7.	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.				
V	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					
	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.				
1	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					
V	1.	Debrief scientific crew.				
L	2.	Gather completed forms for mission and turn in to data manager at HRD.				
1	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: al	ll data re	moved 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.				
	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

HRI	)	AC	AOC		
Function	Participant	Function	Participant		
Lead Project Scientist	Jun have	Flight Director	kich Hennik		
Radar/Workstation	Tunhary hale	Pilots			
		Navigator	Chris 12exe		
Cloud Physics		Systems Engineer			
	a de describinaçãos	Data Technician			
Dropwindsonde	Brittney bahl	Electronics Technician			
AXBT/AXCP	ale service de la Carte de	Other			
Photographer/Observer					

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
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## D. Mission Briefing:

Lead Project Scientist Event Log

Date 2016/9/24 Flight ID 2616 042421 LPS Jun 2 hang

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