Lead Project Scientist

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Storm of	or P	roject Hum Lug Experiment name KAIN / C7her
Flight 1	ID_	130 a15 HI Mission ID
Preflig	ht	
	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 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.
	7.	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.
8	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-Fligh	ht	
	1.	Confirm from AOC flight director that satellite data link is operative (information).
	2.	Confirm camera mode of operation.
3	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 flig	ght	
1	1.	Debrief scientific crew.
2	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	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 da	ata rem	oved from the aircraft by HRD personnel should be cleared with the AOC flight director.]
_ 6	5.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
1 7	7.	Determine next mission status, if any, and brief crews as necessary.
	3.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
9	Э.	Prepare written mission summary using Mission Summary form.

Lead Project Scientist Check List

Storm or Project Ingrid	Experiment name RAPK
Flight ID (3091541	Mission ID

A. Participants:

HRD		AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	Rogers	Flight Director	Seirs	
Radar/Workstation	chen.	Pilots	Halversn Kibbe	
		Navigator	Gallagher	
Cloud Physics		Systems Engineer	Bosleo	
	And the second s	Data Technician	Smith	
Dropwindsonde	Zhang	Electronics Technician	Lynch	
AXBT/AXCP	Ziona	Other		
Photographer/Observer s/Guests		and openit rains the hill deal		

B. Take-off and Landing Times and Locations:

Take-Off: 0559	_UTC	Location: _	Ed
Landing: 1350	UTC	Location:	CM

Number of Eye Penetrations: _____

C. Past and Forecast Storm Locations:

Γ	Date/Time Latitude		Longitude	MSLP	Maximum Wind
		history and a set	in fin dina in a state in the state	na garbinedi	
	[andthrib.http	de Det Arnes Mine Boundary Mi	finado latinte população da fai	nicial and terrene and t	i such
1	Philodese rais Solary an	oggan uter sinder huter mog	ne, merchi, creve and an	a Boger molegy d	
		and the second second second	nor bes you i contracte	and sector a long sector of the	
	devices required	- wat we will be not tray -	an the of the state of the	ar DO OT (game 1)	

D. Mission Briefing: Conduct RAPK/mission into Hurricane Ingrid. Single figure 4, 100 nor bus, 10 m NF. Upon completion of sand phas on My Side, furn 180 and head back ato storm, track outbound 45 and KTB. Drop combo soude /BT at all tim, mid points, and center passes. Possiby drop sources at Rome boatrons if NHC requests, Phy 8000 ft. Storm has intensified ~ 25 kt in last 24 m, despite presence of their y substantial m/midshear. Areas of dep an vection that are persistent (-suc) and and near and w/NW of anter. Could continue to intensity, unless shear increases worked bp.

Storm or Project Ingal	Experiment name PAPX
Flight ID 13091541	Mission ID

E. —Equipment Status (Up ↑, Down ↓, 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				
GPS sondes			12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17410.4
AXBT/AXCP			and the second	
Ozone instrument	and the second	e la faite a	+	1.70
Workstation	and the second			
Cameras				

REMARKS:

Lead Project Scientist Event Log

Date 9/15/13 Flight ID BOG (541 LPS Regers

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				enter	off mose
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	0003	0840	patton	NEgyowall	PL 32, 5F 35 m/s
	dop3 dropu,BT	0843	center	2216 45 24	center fix, 29.055T
		0845	0635	.ZonnSwof	LF shows spiral banded
		3		center	structure, no educes
					on sw side; NE severall
					showed strong convection, 18-calcunection tops
		0-52	055	TONNEWAT	clear asymmetry in
		6853	035	~50 Nong Wof	PGSF wirds across
					eyewall . MOET OF
					ONNE, MOST ONSW
	x 5.	0856	pattern	rsonn swof	FLIZ, SFQu/s
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					convection, at yourd
				end	of spiral band
P	brimming bu	09.40	pattern	100 un 502	end downing leg
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31514 - motion from 2 fites Lead Project Scientist Event Log

Date 9/15/13

Flight ID_130915H1 LPS_Pagers

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op.	+			5F 15 m/s
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		1123 end	14.500 277	17 3rd anolysis
2.17			mallor and	

Mission Summary Storm name YYMMDDA# Aircraft 4_2RF

Scientific Crew (4RF)
Lead Project Scientist Rogers
Radar Scientist Curd
Cloud Physics Scientist
Dropwindsonde Scientist J. Zhang
Boundary-Layer Scientist
Workstation Scientist
Observers (affiliation)

Ser previous

Mission Briefing: (include sketch of proposed flight track or page #)

Mission Synopsis: (include plot of actual flight track) Flew mission as planned. Only charge was to head out in mission: GPS sondes: ________

Sonobuoys: _