Eli-14 ID	Lead Project Scientist
Flight ID	181107 I Storm Palong LPS M. Black
Preflight	
1.	Participate in general mission briefing.
2.	Determine specific mission and flight requirements for assigned aircraft.
3.	Determine from field program director whether aircraft has operational fix responsibility and discuss with AOC flight director/meteorologist unless briefed otherwise by field program director.
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 hours before take-off for initial briefing.
5.	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.
6.	Report status of aircraft, systems, necessary on-board supplies and crews to appropriate HRD operations center (MGOC in Miami).
<u></u>	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
7.	Make sure each HRD flight crew members have life vests
7.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
8.	Collect "mess" fee (\$2.00) from all on-board HRD flight crew members.
In-Flight	
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 flight	
1.	Debrief scientific crew.
2.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
3.	Gather completed forms for mission and turn in at the appropriate operations center. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]
4.	Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.
5.	Obtain a copy of the radar DAT tapes. Turn in with completed forms.
6.	Obtain a copy of the all VHS videos form aircraft cameras (3-4 approx.). Turn in with completed forms.
7.	Obtain a copy of CD with all flight data. Turn in with completed forms.
8.	Determine next mission status, if any, and brief crews as necessary.
9.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
10.	Prepare written mission summary using Mission Summary form (due to Field Program Director a week after the flight).

Lead Project Scientist Check List

Storm or Project			Experiment name HF/P/RI
	Aircraft _	43	Flight ID <u>08/1077</u>

A. Participants:

H	IRD	AO	C
Function	Participant	Function	Participant
Lead Project Scientis	ot M. Black	Flight Director	arry Damano
Radar	Ilvie Lorsolo		ambate
applied in large standing	10.4 5013018	Cerl	Newman
Workstation	P. Leighton	Navigator *	rdden Bishop
Cloud Physics		Systems Engineer	+ 1- ppel
Photographer/Observ	ver Call 1 21	Data Technician	Bobby feek
/Guests 50	e/History Ch.		560099
Dropwindsonde	P. Leighton	Electronics Technician	Jeft Smith
AXBT/AXCP	M. Black	Other	

R	Take-off a	nd L	anding	Times	and	Locations
D.	Take-on a	IIU L	alumg	TIMES	anu	Lucations

Take-Off: 1602 UTC Location: MacDill
Landing: 2018 UTC Location: MacDoll

Number of Eye Penetrations: ______

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
07/15Z	18,3	81.6	982	75Kt
08 1002	19,1	81.3	19-27 1	90th
08/122	19.9	80,5		100 44
09/002	20,8	79,4		7541

D. Mission Briefing: Storm south of Cuba, 80kt, 982ml 1P 75 nm; N. Sorth thru eye, rotate 450	1
IP 75 nm: N. Sorth thru eye, rotate 450	
downwind less, 5 penetrotions, 18 AXRTS	
25 Fordes, Props at endpoints, RMW legs	
25 Bordes, Props at endpoints, RMW lease Props also at nid point on leardinal lease 2 eye drops. AXBTS at endpoints, RMW	

E. —Equipment Status (Up ↑, Down ↓, Not Available —, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / Cds /Expendables/ Printouts
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Doppler Radar/TA		Karakan :		Garate : A
Cloud Physics	1-1-1-1	Driver Vers	and the second	TELL YOU
Data System		A ROLLING		11000
GPS sondes		Charles and the same		As Sale
AXBT/AXCP				AT THE STATE OF
Ozone instrument			Trans.	
Workstation	?			
Videography				

REMAIKS:

Lead Project Scientist Event Log

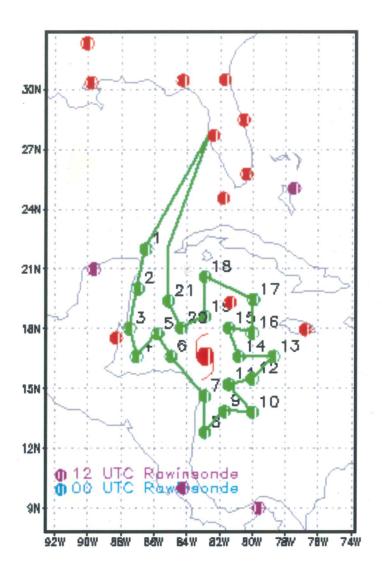
Date 11/07/08 Flight 0807/1 LPS M. Blacke

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	1627	SFMR-	30 Rts at	SFC	
	1638	First good	new on eye	on L	,
Enta	1641	MOSSYT	A Nappler	- reset	M
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	1654	50 nm) 10	of eye- hea	west precip wart	
	107305	Alexand!	AXX TO C	0-43-65K+SF	Eurp
3)	~ of 9	man de	amoles exp	BT3 Baz	
(4)	170844	Fre F	T# 4 Con	detal)	
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	-3-1	2860			
(5)	171337	AXBT#5,50	ende#5 Se	rewall 80 Rt	
	F	1111-62	Kt SFMR	27.5°C	
		17.90 81	14	mal poin	4
(6)	171733	the Ole	mol	100111111111111111111111111111111111111	7.0
	172643			Short 75 nmi	81.5
(2)	173829	AXB7#8/7.6		de #8 75 pm W	010)
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	175455	1 1 1 1 1 1	420 eye		
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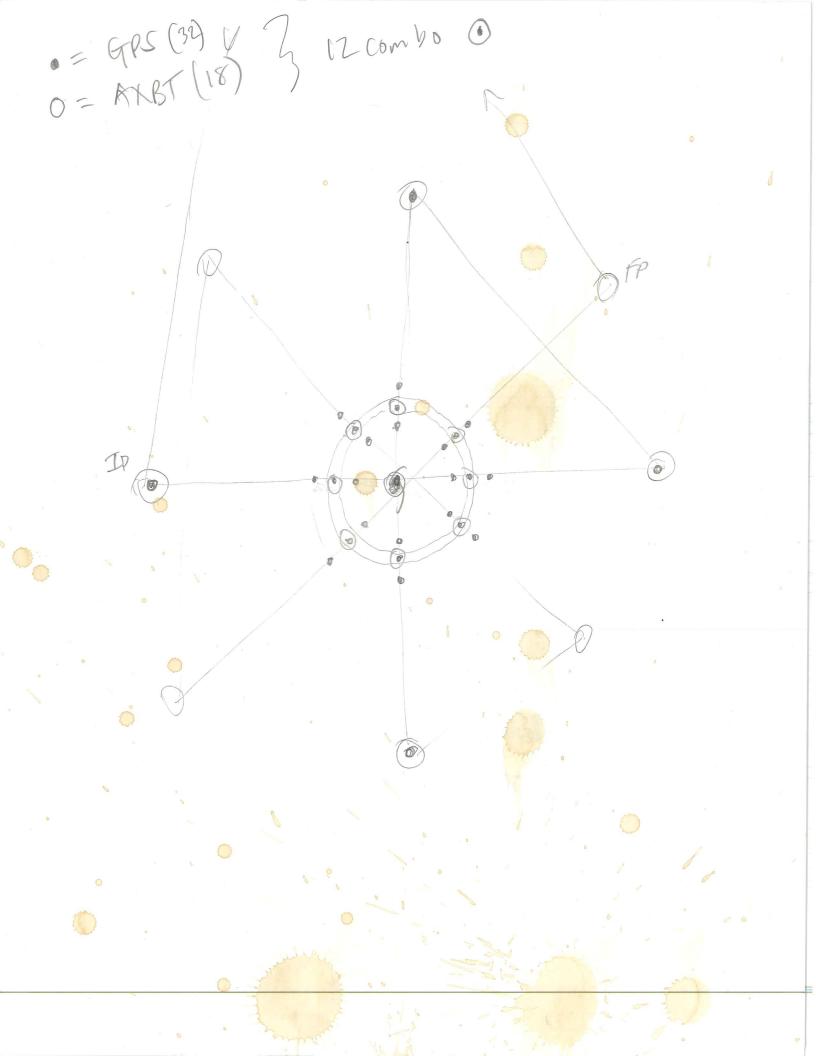


Date 11/2/08 Flight 0807// T2 LPS M, R (get

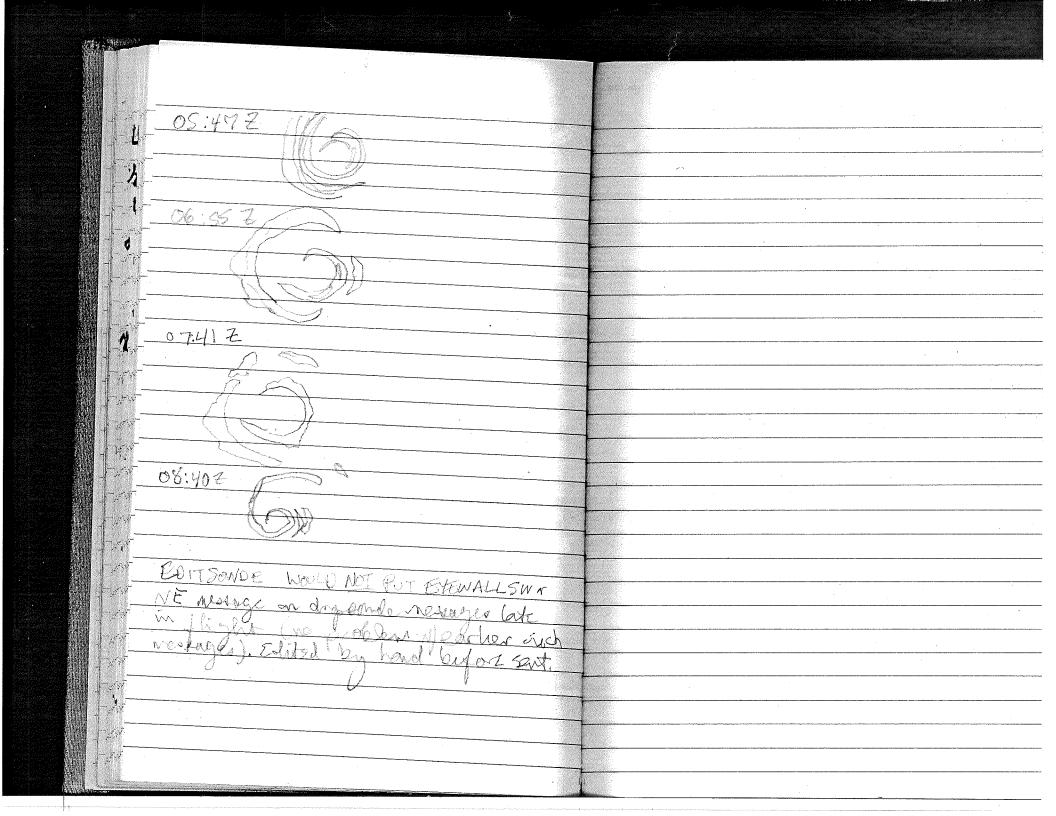
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13	1844	East age	wall son	le = 15 BT 14
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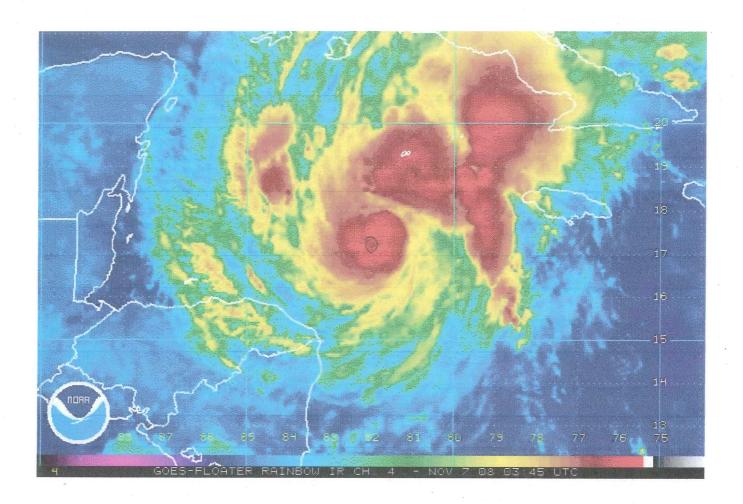


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Hurricane Field Program Deployment Safety Checklist

The Field Program Director is responsible for making sure safety is enforced and ensuring necessary materials are in place and/or any actions have been completed before the start of the HFP. The Lead Project Scientist is responsible for completing this checklist, though all field program participants should be cognizant of the checklist as well.

Before	leaving	AOML
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- 1. Contact MGOC personnel to notify departure time.
 2. Things to take
 a. Flight bag (s)
 - a. Flight bag (s)
 - b. Cell phone
 - c. List of HFP important numbers
 - d. HRD Field program plan
 - e. Flight suit

Ground transportation

- 1. Arrange for ground transportation2. Visual inspection of government vehicle
 - a. Make sure tires do not appear to be flat
 - b. Check for any cracked/broken lights, windshield and mirrors
 - c. Check for any major dents around the vehicle
 - 3. Inspection inside the government vehicle
 - a. Check all lights work properly (head and tail lights, dome lights, dashboard and turn signal lights)
 - b. Make sure the engine, oil, or temperature light does not flash. If so, contact facilities management.
 - c. Note the gas and mileage
 - 4. Contents inside the government vehicle
 - a. Make sure there is first aid kit and fire extinguisher
 - b. Proper jack and lug wrench
 - c. Spare tire
 - d. Basic auto repair kit (i.e. road hazard reflector or flares)
 - e. Consider carrying a flashlight
- 5. Return vehicle with full tank
- _____6. Note mileage on AOML log when returning keys

2008 1107 I 1 Hurricane Paloma (AL17) LPS - Eric Uhlhorn Radar - Shirtey Murillo GPS sondes - Neal Dorst G-IV - John Kaplan