Lead Project Scientist

Storm	or P	roject Experiment name O
Flight	ID_	10070749 Mission ID WXUIX A ALGA
Prefli	ght	
/	1.	Participate in general mission briefing.
1	2.	Determine specific mission and flight requirements for assigned aircraft.
1	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.
1	5.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.
V 1	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.
V	7.	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.
1	8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
1	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.
	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 fl	light	A. Paul and Forestan Surra Localiums.
	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 ren	noved 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.
	9.	Prepare written mission summary using Mission Summary form.

Lead Project Scientist Check List

HRD			AOC		
Function	Participa	nnt Function	on	Participant	
Lead Project Scie Radar/Workstatio	111019	Pilots	Director 19 n See	ers, Pares	
	Pavino	Navigat	or		
Cloud Physics	KIND CHIZOLD PL	Systems	s Engineer -		
Photographer/Obs Guests	server Potts C	MAO Data Te	echnician		
Dropwindsonde	J. Gar	mache Electron	nics Technician		
	Description of the last of the		Other		
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ake-Off://256 anding: umber of Eye Per . Past and Forec	_UTC Location:UTC Location: netrations: cast Storm Location	Locations:	MSID	Maximum	
Take-off and Lake-Off: / 756 anding:	_UTC Location:/UTC Location: netrations:	Locations:	MSLP	Wind	
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Take-off and Lake-Off:/256 anding:umber of Eye Per	_UTC Location:UTC Location: netrations: cast Storm Location	Locations:		Wind	

Storm or Project AL96	Experiment name GENEX
Flight ID 100707 H 2	Mission ID WXWXA ALGO

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	1/4			
Doppler Radar/TA				
Cloud Physics				
Data System				
GPS sondes	V	9(41)	molp.	5/6
AXBT/AXCP	· Some	5-40 KH		
Ozone instrument	and stank	1 K 1 2 3th 0	JU 122	10
Workstation	V	33 724	7 7 3	
Cameras	3	(5 1/2)	1 111	

REMARKS:	No comera desplay
20149 R	and anough 5.
DAT	drive on HRD WS not working
The same of the sa	2732 5 5 6 P 100 1 20 3 5 3 5 5 7 2

Lead Project Scientist Event Log

Date 750 10 Flight ID 100707 H2 LPS M, Black

Time	Event	Position	Comments
211013	Feet drop#	126°20' 980	Corved pand 120 mi
2118	reboots	s rader o	yten
2121	radar	back up	
2123	5909111	ine visible o	1 LF - 100 Km grand
2)3349	Prop#	I leading 6	edge or syrall
2134	Squall I'me	25.790.3	45 KT SE BIRITUIL
2:-01	35-40 K	of surface of	on struck
2138	1) rep#39	n Stratition n	behind squilling
2545	TRAZE	Suggest Con	regard who wan
21169	05-30KZ	CC = 30-75	CHI
200121	Dan-H	10 Th 250	31' 92,53'W
0019/5	Drag #5	2531192471	31 12,30 00
272339	Drap # 6	25031 944	6'
226	Dron 7	west point	furn to south
24702	Drop &	24.41,9553	lu-,
30112	Prop 9	233 955	2/
23105	proplo	22,70 9	5.21
31431	120p 17	next to	Mes
23181	& Drop 12	Penson a	OK /VEZ
320	1) er	LENTE C	L Orculetion
232/	halo ha		on soomen
23/3	00/2000	mcs - 22,75 9	4,25
737/	000014		.2
23783	culting	SE point I	along Stratt for
1500	Colling	36	2 51 20 6

Lead Project Scientist Event Log

Date	Flight ID	LPS-	
		the state of the s	

	Time	Event	Position	Comments
	2338	Drop 9t	New SE poi	of-cot corner
	2354	Pron#16	-9/6mg 5.	-N leg
	002048	Drop 17	24,6.93	6
0-11	0022	Turn bac	Ktow,	Drop 18
Bad sand	90340	T-Vrn b	pack to S	outh prop 19
Bad sand	100 37	16 Back	do Sob 50	
	8051	Can a s	ast three	3 p; res
	0/075	o Turn J	5 50,018	23, 23 (030/1/M
		1200021	MARIO	in sal to March
		south w	mds 200	RIC
	0127	Fundo	west-In	per to of
	W	411 817	whole	
	01/62	2 0 0 0 5	3 1 1 /	
	01183	12000	S 1957 (e	s in to can
	0.000	26.95	1 0/20	4001-
	012930	Enopa	+ Close	01 11 50-
	0100	WIGGIAI	Sp1841-	WIND FOR
	1			
	Land	also	1 035)
			No.	- Commence
		n o Charlette the transfer to the	77	