Lead Project Scientist

Storm	or P	Project EARL 2010 E	xperiment	name IF	\leq
				WX07A	EARLLO
Preflig		AC ROXUM COMPANY	1.11	CORREA	
/	1.	Participate in general mission briefing.			
	2.	Determine specific mission and flight requireme	ents for assign	ed aircraft.	
_	3.	Determine from AOC flight director/meteorolo and the mission designation.	ogist whether	aircraft has operation	onal fix responsibility
	4.	Contact HRD members of crew to: a. Assure availability for mission. b. Review field program safety checklist c. Arrange ground transportation schedule wh d. Determine equipment status.	nen deployed.		
/	5.	Meet with AOC flight director and navigator at	least 3 hours b	before take-off for in	itial briefing.
_	6.	Meet with AOC flight crew at least 2 hours bef requirements and provide a formal briefing for t			
	7.	Report status of aircraft, systems, necessary on-	board supplies	and crews to MGO	C in Miami.
	8.	Before take-off, brief the on-board GPS dropson	nde operator o	n times and position	s of drop times.
/	9.	Make sure each HRD flight crew member has a	life vest.		
Cam	10.	Perform a headset operation check with all HR and speak using the headset.	D flight crew	members. Make su	re everyone can hear
In-Fli	ght				
	1.	Confirm from AOC flight director that satellite data li	nk 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 m supposed to be made).	ission is going	as planned (i.e. turns	are made when they are
Post fl	light				
1	1.	Debrief scientific crew.			
	2.	Gather completed forms for mission and turn in to dat	ta manager at H	RD.	
	3.	Obtain a copy of the 10-s flight listing from the AOC	flight director.	Turn in with completed	d forms.
	4.	Obtain a copy of the radar DAT tapes. Turn in with co	ompleted forms		
	5.	Obtain a copy of serial flight data on thumb drive. Tu	rn in with comp	leted forms.	
[Note: all	data rei	emoved from the aircraft by HRD personnel should be cle	eared with the A	OC flight director.]	
	6.	Report landing time, aircraft, crew, and mission st aircraft to MGOC.	tatus along with	h supplies (tapes, etc	.) remaining aboard the
	7.	Determine next mission status, if any, and brief crews	s as necessary.		
	8.	Notify MGOC as to where you can be contacted and a	arrange for any	further coordination re	quired.
	9.	Prepare written mission summary using Mission Sum	nmary form.		

Lead Project Scientist Check List

Storm or Project EARL 2010	Experiment name I FEX
Flight ID 100902 H 1	Mission ID WX07A EARLIO
A. Participants:	
HRD	AOC

HRD	d Palesias Strenau	AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	repullant Sale (Mark	Flight Director	SEARS, DAMIANO	
Radar/Workstation	ryers	Pilots	SEARS, DAMIANO NEWALAN, MACTIN, SWEE	
		Navigator	Hook and the second	
Cloud Physics	eren brever ner ses darrens	Systems Engineer		
Photographer/Observer // Guests	iPS dropsoade operator o	Data Technician		
Dropwindsonde		Electronics Techn	ician	
AXBT/AXCP	premaritani	Other		

В.	Take-off	and	Landing	Times	and	Locations:	
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Take-Off: UTC	Location:	MACDILL	
Landing: 140/30 UTC	Location:	MACDILL	

Number of Eye Penetrations: _____

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
	and the standard of	modulates T. Joyan TAII who	um tin various sissacra (
	enot beesigino dive al guill	aide como en anti-séglit l	nse krygori a esistidi) // il	
jastanti	digita 20 A sit/ frier bessio.	A paper teamorism GRIA vis	faressa no mon bevenior all	The below in
gentinyms tore compar-	radzijes driek juotk emaki. Linesty kery		eno granosa teografia X2044 za Garonia	
DPs sendes	i Christian 1629	on statut. If now and tening on	nama iran saimteteili	

D. Mission Briefing:

DROPS AT G CORNERS AND AT MAX WINDS

6-75

Lead Project Scientist Event Log

Date SEP 02, 200 Flight ID 100902H/ LPS GAMACHE

Time	Event	Position	Comments
075210	T/0	MACDILL	
091405	POINT 1 DROP	279577514	COMBO DROP
092255	BTDROP	2834'7457'	A Kanada ka 1970 Land
0929	STERRISE .	28917491	PILOTS SAY YOU CAN SEE TO PHE EXE CLEARON THIS SIDE?
993120	SONDF"EYEUR!"	29/0/7435	CLEAR ON THIS SIDE?
093534	9	2926 7436	ms927/ strail
093454	NE expuall	2943 7427	and the state of t
0955			IAN SEAKS NUTES
Maugasa 			19°C at 12002 PA
			h gluthe's seenso la
			by 3°C
		resignat	0
100158	DROPat PJ 2	314' 7344	COMBO DRUD
(811	Berton Barmine A	ACETLL	WESTWAKD DOWNWWD
			LARGE DEEP(12+km)
ROHILLON OF EDGE	DESIGNATION SHOWN		stratition precip
. Past and Fy	1		plenty & cetterers
102602	COMBO DAP 3	3857 7547	065/50
103407	BTdrop	30941 75051	078/64 FL
104715	NW Egewilldrop	2956 7497	No lannch letect
104802	11 11 h	29521 748451	
104944	5		
105300	DROP	2934 7430	SHIPE
1050	DROP +559	2946'7441'	350/17
1050	BT Dwp	293'7491'	,
1/1520	COMBOPT4	2894'7348'	238/55
	REAM BUSH	BEFLY DAS	

NWSIDO SFMRMOXE 100 hts 93 hts FL SESIDE 82 kts 97 hts FL

350/17

Lead Project Scientist Event Log

Date SEP02 2010 Flight ID 100901 H LPS GAMACHE

Time	Event	Position	Comments
114855	COMBO	30° 11 (725/ 30° 9174311	167/87
1209	SONDE E WELLON	30091743,1	1
1216	SONDE E EVELLE	3009174491	
121654			· · · · · · · · · · · · · · · · · · ·
123920	SONDE PT6	388 7635	O'THE O'THE STATE OF THE STATE
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