Lead Project Scientist

		periment name SALEX
Flight ID_	150 F25 I 1 Miss	sion ID W8054 ERIKA
Preflight		
1.	Participate in general mission briefing.	
2.	Determine specific mission and flight requirement	its for assigned aircraft.
3.	Determine from AOC flight director/meteorologis and the mission designation.	ist whether aircraft has operational 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 when d. Determine equipment status.	n deployed.
5.	Meet with AOC flight director and navigator at lea	east 3 hours before take-off for initial briefing.
6.	Meet with AOC flight crew at least 2 hours before requirements and provide a formal briefing for the	re take-off for crew briefing. Provide copies of flight e flight director, navigator, and pilots.
7.	Report status of aircraft, systems, necessary on-bo	oard supplies and crews to MGOC in Miami.
8.	Before take-off, brief the on-board GPS dropsonder	de operator on times and positions of drop times.
9.	Make sure each HRD flight crew member has a life	ife vest.
10.	Perform a headset operation check with all HRD and speak using the headset.	flight crew members. Make sure everyone can hear
In-Flight		
1.	Confirm from AOC flight director that satellite data link	k is operative (information).
2.	Confirm camera mode of operation.	t Fore-off and Landor Fines
3.	Confirm data recording rate.	
4.	Complete Lead Project Scientist Form.	
5.	Check in with the flight director to make sure the missi supposed to be made).	sion is going as planned (i.e. turns are made when they are
Post flight	f	
1.	Debrief scientific crew.	and introde tableauth here both 'S
2.	Gather completed forms for mission and turn in to data i	manager at HRD.
3.	Obtain a copy of the 10-s flight listing from the AOC fli	light director. Turn in with completed forms.
4.	Obtain a copy of the radar DAT tapes. Turn in with com	npleted forms.
5.	Obtain a copy of serial flight data on thumb drive. Turn	in with completed forms.
[Note: all data re	removed from the aircraft by HRD personnel should be clear	ared with the AOC flight director.]
6.	Report landing time, aircraft, crew, and mission statu aircraft to MGOC.	tus along with supplies (tapes, etc.) remaining aboard the
7.	Determine next mission status, if any, and brief crews as	as necessary.
8.	Notify MGOC as to where you can be contacted and arr	range for any further coordination required.
9.	Prepare written mission summary using Mission Summ	nary form.

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Sa 2 im

Lead Project Scientist Check List

Flam.	Storm or Project ERIKA	Experiment name SALEX
Sa Jam Sa Jam	Flight ID 1508 25 II	Mission ID WBOSA ERIKA

A. Participants:

HRD		AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	Aberson	Flight Director	Spars	
Radar/Workstation	Realor	Pilots	Price / Didier / Hahn	
and the second s		Navigator	Sieal	
Cloud Physics	All the age of the state of	Systems Engineer	Klippel	
mile to be specied to be	Francisco (Contractor)	Data Technician	111	
Dropwindsonde/DWL	Bucci	Electronics Technician	The state of	
AXBT/AXCP Photographer/Observer		Other Lalonde Nac	her Peek Smith	
s/Guests	d - Farrent Al	没します。 - 1944)	319/31 H	

B. Take-off and Landing Times and Locations:

Take-Off: 1749 UTC Location: Barbados Landing: 0000 UTC Location: Barbados

Number of Eye Penetrations: _____

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP 1004 mb drosp	Maximum Wind
19:27:20	15 32	52 23	1005 XTRAP	32ktSFNR 36kt FL
21:13:42	15 27	53 10	1003 716	32KtSFMR YOK+FZ
21:20:10	15 45	52 50	1004 XTRAP	37H SFMR BLAKFL
2:46:09	15 06	53 27	1007 m6	33 KtsFne tektfl
	The state of the s			

D. Mission Briefing:

Need ASPEN a accordrement a station 2
Apps have deservent names on deservent computers
Some computers can print, some can't
Deferent oss on deservent computers

Lead Project Scientist Event Log

D-4-	Flight ID	THE RESERVE OF THE PARTY OF THE	LPS	
Date	THEIL IL		LID	
Dece				

Time	Event	Position	Comments
1846	Bay descent		
1902		dolorst because 4	VAPS may hown
1931	"Conter sonde monohe	e mear center	
1931 1938 1938	humility graduent by	oner center	£
1945	midpant sondo		
1959	and paint sonds a tree	a dy tem	
2005	very mout sonde on		
2015		pood on hole in cloud	
2032	sonde Vpout, tum in	bound	
2048	midpoint sondo, in h	unitity gradient, dip is	Alight avel wind
2112	center sonde after a	neich hisaling	
2131	medgant da		
2148	and point sog	maist	
2201	might very dry		
2217	11/1	nue tion	
2232	mid of motifail as	ringlight	
2245	center sonde		
2259	mudet ment		
23 (3	and point dry age	gen	