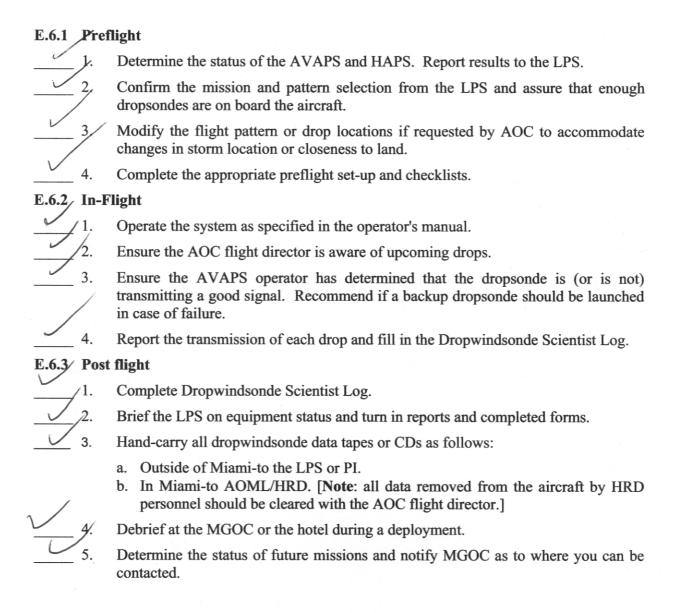
E.6 Dropsonde Scientist

The lead project scientist (LPS) on each aircraft is responsible for determining the distribution patterns for dropwindsonde releases. Predetermined desired data collection patterns are illustrated on the flight patterns. However, these patterns often are required to be altered because of clearance problems, etc. Operational procedures are contained in the operator's manual. The following list contains more general supplementary procedures to be followed. (Check off and initial.)



Lead Project Scientist Check List

		AOC		
Function	Particip	ant Function	n	Participant
Lead Project Scie	ntist Aborson	Flight D	irector	Housema Paris
Radar	, ,	Pilots		1 1 / //
Workstation	Lorsolo	Navigato	A.P.	Nelson/Kibbe
Cloud Physics	Sellwood			Bishop / Sloan
Photographer/Obs	- Iomion		Engineer	Lynch (T)
/Guests	Romas Hhas	Data Tec	ennician	Richards Warn
Dropwindsonde	So llward	Electron	ics Technician	The works parked
AXBT/AXCP	SCHWad	Other	Flight Enginee,	Rott
3. Take-off and L Take-Off: 2/10	0	0//		
Cake-Off: 2110 Landing: 0224 Jumber of Eye Per C. Past and Forec	Location:Mac_Di Location:Mac_Di netrations: ast Storm Location	<u>//</u> s:		
anding: 0224	Location: Mac Directions:	//	MSLP	Maximum Wind
anding: 0224 Jumber of Eye Per	Location:Mac_Di Location:Mac_Di netrations: ast Storm Location	<u>//</u> s:	MSLP	

D. Mission Briefing: Butterfly pattern un developing T.S. Alex for EMC. To send radar data

Lead Project Scientist Event Log

Date	_ Flight	LPS	
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Time	Event	Position	Comments
2303	I hung horace holi ist con	wertie band to NE &	Tenter. tillebet Diring
23/6	descent 46 12K	0	
	SFMR back up		
2326	SFMR back up Yerm at 1P,	drop #1	
2341	Jurn 070, RTP	drop # 1 Engine #1 Af	
0224	KMCF	_ 00	
-			:
			,
) " "		
,			

Mission Summary Storm name

YYMMDDA# Aircraft 4 & RF Scientific Crew (48RF) Lead Project Scientist Aseran Lorsolo

Radar Scientist Cloud Physics Scientist -Dropwindsonde Scientist Sollanod Boundary-Layer Scientist -Workstation Scientist 30/0000 Observers Mission Briefing: (include sketch of proposed flight track or page #) Mission Synopsis: (include plot of actual flight track) Evaluation: (did the experiment meet the proposed objectives?) Problems: (list all problems) 1, Need flight dag fore a ch craw)

2. Need printing capability to metigate (1)

3. Took bath for works to him too ken - bor owed one from ADL

4. S F M R down

5. (en tri tugal switch on Engun # 4 problem, 20 min delay at Quet

GPS sondes:

6. ASDL commi down but fixed

AXBTs: Sonobuoys: