19871010H1_ LPS

aircraft.

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E.2 Lead Project Scientist (On-board)

E.2.1 Preflight

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1. Participate in general mission briefing.

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2. Determine specific mission and flight requirements for assigned

- 3. Determine from CARCAH or Field Program Director whether aircraft has operational fix responsibility and discuss with OAO Flight Director/Meteorologist and CARCAH unless briefed otherwise by Field Program Director.



- 4. Contact HRD members of crew to:
 - a. Assure availability for mission.
 - b. Arrange ground transportation schedule when deployed.
 - c. Determine equipment status.
- V
- 5. Meet with OAO flight crew at least 90 minutes before takeoff, provide copies of flight requirements and provide a formal briefing for the flight Director, navigator, and pilots.
- Report status of aircraft, systems, necessary on-board supplies and crews to appropriate HRD operations center (MGOC in Miami or FGOC at remote recovery location).

E.2.2 In-Flight

- 1. Confirm from OAO Flight Director/Meteorologist that satellite data link is operative (information). problem w/
- Confirm camera mode of operation.
- Confirm data recording rate.
- 4. Complete Form E-2.

E.2.3 Postflight

- Debrief scientific crew.
 - 2. Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to the appropriate HRD operations center (MGOC or FGOC).
 - 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 OAO Flight Director.]

- Determine next mission status, if any, and brief crews as necessary.
- Notify the appropriate operations center (FGOC or MGOC) as to where you can be contacted and arrange for any further coordination required.

	Form E-2 Page 1 of 5 On-Board Lead Proje	FLOYD Checklist	
	Date 87/10/10 Aircra	ft_ 42	Flight ID 871010 H
А.	Participants		
	HRD		OAO
	Function Participant	Function	Participant
	Lead Proj Sci FRANKLIN	Flight Direc	
	Cloud Physics Mange	Pilots	
	Radar BURPE	Navigator	
	Doppler	Sys Engr	
	Photographer	Data Tech	
	Omegasonde WILLDUGHBY	El Tech	
	AXBT/AXCP	Other	
	Take-Off Location	Landing	Location
в.	. Past and Forecast Storm Locations		
	Date/Time Latitude Longitud	e <u>MSLP</u>	Max Wind
c.	Mission Briefing		

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Form E-2 Page 2 of 5

D. Equipment Status

Equipment	Pre-Flt	<u>In-Flt</u>	Post-Flt
Aircraft			
Radar			
Cloud Physics			
Data System			
Omegasondes			<u> </u>
AXBT/AXCP			
Doppler			
Photography			
	<u></u>		

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REMARKS:

Form E-2 Page 3 of 5

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E.I. Proposed Flight Pattern (Sketch or designate by number)

II. Actual Flight Pattern

Form E-2 Page 4 of 5



NOTE: Lobel full degrees according to location of flight area

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Form E-2 Page 5 of 5

Date____

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______ Flight ______ LPS_____

Lead Project Scientist Event Log

Time	Event	Position	Comments
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	and the second		

Form E-2 Page 5 of 5

Date____

Flight _____ LPS____

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Lead Project Scientist Event Log

Time	Event	Position	Comments
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