1988090811-295

E.2 Lead Project Scientist (On-Board)

E.2.1 Preflight



1. Participate in general mission briefing.

- 2. Determine specific mission and flight requirements for assigned aircraft.
- 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.

- 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.
- 6. 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



2. Confirm camera mode of operation.

- 3. Confirm data recording rate.
- 4. Complete Form E-2.

E.2.3 Postflight

- M 1. Debrief scientific crew.
 - 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).
- 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.]
 - 4. Determine next mission status, if any, and brief crews as necessary.
 - 5. Notify the appropriate operations center (FGOC or MGOC) as to where you can be contacted and arrange for any further coordination required.

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Form E-2 Page 1 of 5

On-Board Lead Project Scientist Check List

Aircraft 43RF Flight ID 88090891 Date 8 Jept, 1988

Participants Α.

HRD OAO Participant Function Participant Function Lead Proj. Sci. Flight Director ne Cloud Physics DUMUNP Pilots Radar Navigator 11 very Sys. Engr. Doppler Photographer Data Tech. 1 / Evans rank El. Tech. Omegasonde Other im AXBT/AXCP Take-Off 18212 Location MIA Landing Location Β. Past and Forecast Storm Locations Longitude MSLP Max. Wind Date/Time Latitude C. Mission Briefing DDW

Form E-2 Page 2 of 5

SEP 8 1988 tapes Equipment Status D. Post-Flight Pre-Flight In-Flight Equipment Aircraft Radar Cloud physics Data system 27 Omegasondes 11/3 failed AXBT/AXCP see rado Doppler NA NA NA Photography

REMARKS:

See flight trach 1902: 2 No cleanance to go over Cuba 19102 ASDL problems 19272 ASDL Xmtr Changed Ok after that J.P. problems Corrected 2 2330 Z

Form E-2 Page 3 of 5

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

see attached frach

E. II. Actual Flight Pattern

Form E-2 Page 5 of 5

SEP 8 1988

Lead Project Scientist Event Log

Date 8 Sept-1988 Flight 88090811 LPS

Time	Event	Position	Comments	
18212	TD.	MIA		
Tropt		55' 22'		
1900120	Drop#1	73.9 79.4		bolog
193700	Saw Pialaeur	over Cu. (Ice ve	ii) pende bad not	00000
195605	Drop# 232	23°59' 83°00'	-23°38' 83°45' 2005	545 #B
201725	Drop#\$	23° 15' 84° 45'	themo bad SLOK.	
2040	#5	21°55 8554		
211510	#6	20° 84°		
2138	#7	20°9' 86°4'	PROP JUST OUTSIDE HUY BAN	D
220243	# 8	22° 14' 861'		
221743	#9	23° 8′ 87° 2′		
223830	#10	24° 88° 331		
224800	#11	240 89° 30'	"EYE"	
2309	#12	62955192007'	23° 42' 90° 33'	
2339	#13	2205' 92055'	22°55' 92°07'	
2332	#14	22°5' 92°55'		
2350	#15	20°55' 93°52'		
0006	#16	20056'92°28'		
0024	#17	20057 90058		
0047	#18	2231' 8953'		
0101	#19	23°31 89°12']

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Lead Project Scientist Event Log

Date 8 Sept 1988

Flight 88090811

LPS _

Time	Event	Position	Comments
0121	#20	24°45'89°14'	
0139	#21	240 811 899571	
9139			