

19841009HI-LPS

Form E-1
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On-board Lead Project Scientist Checklist

DATE 10-9-84

AIRCRAFT 42RF

841009H
FLT 841009H

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>Powell</u>	Gust Probe	
Cloud Physics		Omegasonde	<u>Willoughby, Lord, Franklin</u>
AXBT/AXCP		Sys Eng	<u>R Berles</u>
Hot Film		Data Tech	<u>R Stove</u>
Radar		El Tech	<u>G Gonzales</u>
Flt Dir/Met	<u>Parrish</u>	Other	<u>Radio Calvert</u>
Take Off	Location	Landing	Location

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP

C. Mission Briefing

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	✓			
Radar	—			
Cloud Physics	—			
Data Sys	✓			
Omegasondes	✓			
AXB/AXCP	—			
Gust Probe	—			
Hot Film	—			
Photography	—			

E. Proposed and Actual Flight Patterns (Identify by number and type - give reason for modification)

Proposed takeoff 18Z, delayed due to prop. problem on 43RF engine #4, 42RF takeoff
1900 Z, 43 A150. 2 Receo's/hr. 993mb MAX 65kt, 18Z pos. 26.5N, 72W
Calibration @ 1941 Z: 27.76V 78.83W 6000m RA, 90° 005°, omega problems mentioned associated with
Solar Activity, 95° Hdg 2min 1949 Z
problems with winds 1st 2 drops, will try without Liberia.
2100 re-synching OMega after 3 bad drops. Talked to RWB re: 1h late takeoff will takeoff 1h late
tomorrow to satisfy crew rest requirement. Drop 4 winds OK, temps, RH bad (in cloud/rain)

005-050-095 Calibration #1 @ 1940 57
1944 10
1949 23

Calibration #2 032300
032537
270-315-000 033045