

19841010HI-LPS

Form E-1
Page 1 of 5

On-board Lead Project Scientist Checklist

DATE 10 OCT. 1984

AIRCRAFT 42RF

FLT 841010H

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>Powell</u>	Gust Probe	<u>—</u>
Cloud Physics	<u>—</u>	Omegasonde	<u>Willoughby, FRANKLIN, LORD, POWELL, VINCENT</u>
AXBT/AXCP	<u>—</u>	Sys Eng	<u>Berles</u>
Hot Film	<u>—</u>	Data Tech	<u>STONE</u>
Radar	<u>LORD</u>	EI Tech	<u>GONZALEZ</u>
Flt Dir/Met	<u>Parrish</u>	Other	<u>CALVERT</u>
Take Off	Location	Landing	Location

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
<u>FCST. 10-11</u>	<u>00Z</u>	<u>28.2</u>	<u>73.0</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

C. Mission Briefing

Proposed Takeoff 1900 GMT, Northern Route DDW drops for Hurricane Josephine

Due to return to SAVANNAH GA.

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	✓	_____	_____	_____
AXBT/AXCP	—	_____	_____	_____
Gust Probe	—	_____	_____	_____
Hot Film	—	_____	_____	_____
Photography	—	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

2.7 -4 345 9kts

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

Takeoff from Norfolk 1900 GMT. Will pick up additional sondes at EAL, SAVANNAH.

Calibration 1948Z ~~045~~ - 050(1951) - 140°(1956) - 095
2 min 1958

1st Drop ~ 1958, problem with sonde, new sonde dropped 2001, Drop # 3 @ 2013 Z, Drop # 4 @ 2031

we will rotate every 4 drops.

Drop # 5 @ 2049

Trouble with PTH again, will terminate flight in MIA in order to troubleshoot the ODW system.
Plan to fly near NOAA 43 to see if they can receive ODW signals from sondes dropped by 42 RF.

(A) 210-050-095 140 194738
050 195040
195551

(A). 145-190-235 030640
031007
031555