

On-board Lead Project Scientist Checklist

DATE Aug 24, 1983

AIRCRAFT 42

FLT ~~830824H~~
830825H1

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>Jorgensen</u>	Gust Probe	
Cloud Physics	<u>Willis</u>	Omegasonde	
AXBT Doppler	<u>Lord</u>	Sys Eng	<u>Zysko</u>
Hot Film Radar	<u>Feinberg</u>	Data Tech	<u>Devito</u>
Radar	<u>Cheng</u>	El Tech	<u>Schricker</u>
Flt Dir/Met	<u>Parrish</u>	Other Pilot	<u>Nobel</u>

Take Off 0150Z Location MIA Landing 0710 Location MIA

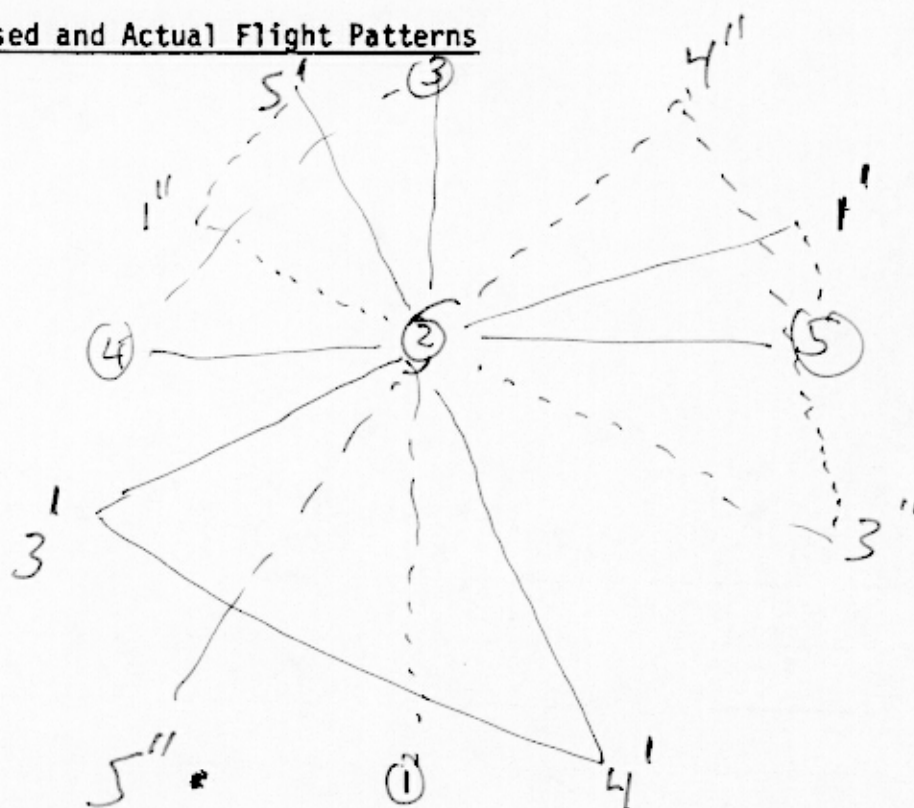
B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
<u>8/24</u>	<u>2053Z</u>	<u>27.9</u>	<u>78.1</u>	<u>1011</u> <u>50 kts</u>
	<u>0000Z</u>	<u>28.2</u>	<u>78.4</u>	<u>1011</u>

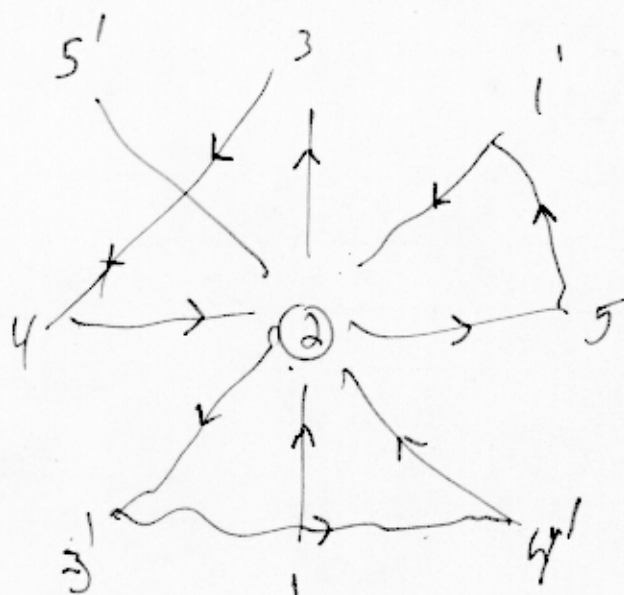
C. Mission Briefing

Rotating Fig '4'

E. Proposed and Actual Flight Patterns



ACTUAL



DATE 8/25/83

FLIGHT 830825H1

LPS JORGENSEN

Lead Project Scientist Event Log

EVENT	TIME*	POSITION	COMMENTS**
1	022630	26.77 78.18	5 m s ⁻¹ west winds
2	024730	28.11 79.10	ill defined center
3	030610	29.34 79.18	Vmax ~ 20 m s ⁻¹ North
4	033045	28.12 80.60	
2	034910	28.1 79.32	
5	040920	28.11 77.89	
1'	042240	28.98 78.28	
2	044440	28.04 79.50	
3'	050300	27.19 80.44	
4'	053035	27.19 78.51	
2	0550	28.07 79.73	1012
5'	060440	28.66 80.48	
2		28.1 79.9	
1''	063132	27.5 79.9	

*Log times of all significant altitude changes, turns, and eye fixes
 **New altitude, heading, center position, etc.

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	<u>ok</u>	<u> </u>	<u> </u>	<u> </u>
Radar	<u>ok</u>	<u> </u>	<u> </u>	<u> </u>
Cloud Physics	<u>ok</u>	<u> </u>	<u> </u>	<u> </u>
Data Sys	<u>ok</u>	<u> </u>	<u> </u>	<u> </u>
Omegasondes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
AXBT	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Gust Probe	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Hot Film	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Photography	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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REMARKS

No Doppler Radar on 42 RF

