

Appendix I

Operational Checklists

19800809I1-LPS

FORM I-1

On-board Lead Project Scientist Checklist

DATE 9-10 Aug 1980

AIRCRAFT 43 RF

FLT 800809I

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>WILLIAMS</u>	Gust Probe	
Cloud Physics		Omega Sonde	
AXBT		Sys Eng	
Hot Film		Data Tech	
Radar	<u>MATZIS/HAWKINS</u>	El Tech	
Flt DIR/MET	<u>DAVIS</u>	Other	
OBSERVER	<u>ZIDLER</u>		

Time Off 091626

Location NOTZ

Time On 100207 Location NOR

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
<u>09</u>	<u>1110</u>	<u>25°14'</u>	<u>95°11'</u>					

C. Mission Briefing

FLY N-E, S, X PATTERN GET 18, 21, & 00 FIXES
AT 10000 FT. RECOVER NOTZ OR MIA AS FEASIBLE

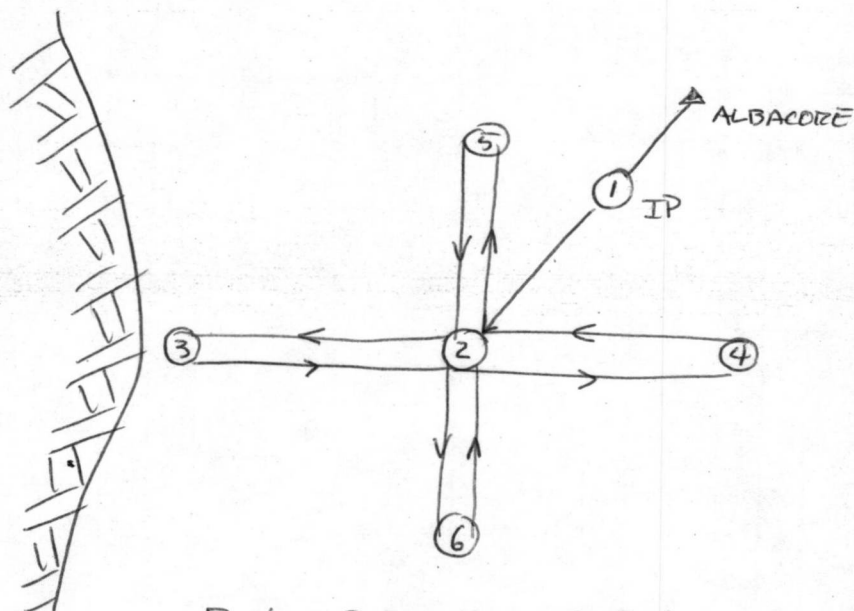
D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft ²	↑	↑	↑	
Radar ³	↑	↑	↑	
Cloud Physics ¹	↓			
Data Sys	↑	↑	↑	
Omega Sondes				
AXBT ¹	↓			
Gust Probe				
Hot Film				
Photography				

REMARKS

¹ NO EXTENDABLES² NO Ω UPDATE ON INE³ TAPE DRIVE #2 FOR RADAR MAY BE WRITING GARBAGE. USES TAPE AT TWICE THE ADVERTISED RATE

E. Proposed Flight Patterns



FLY 1,2,3,2,4,2,5,2,6,2...

OMIT OR SHORTEN 2 → 3 → 2 LEG
AS STORM APPROACHES COAST

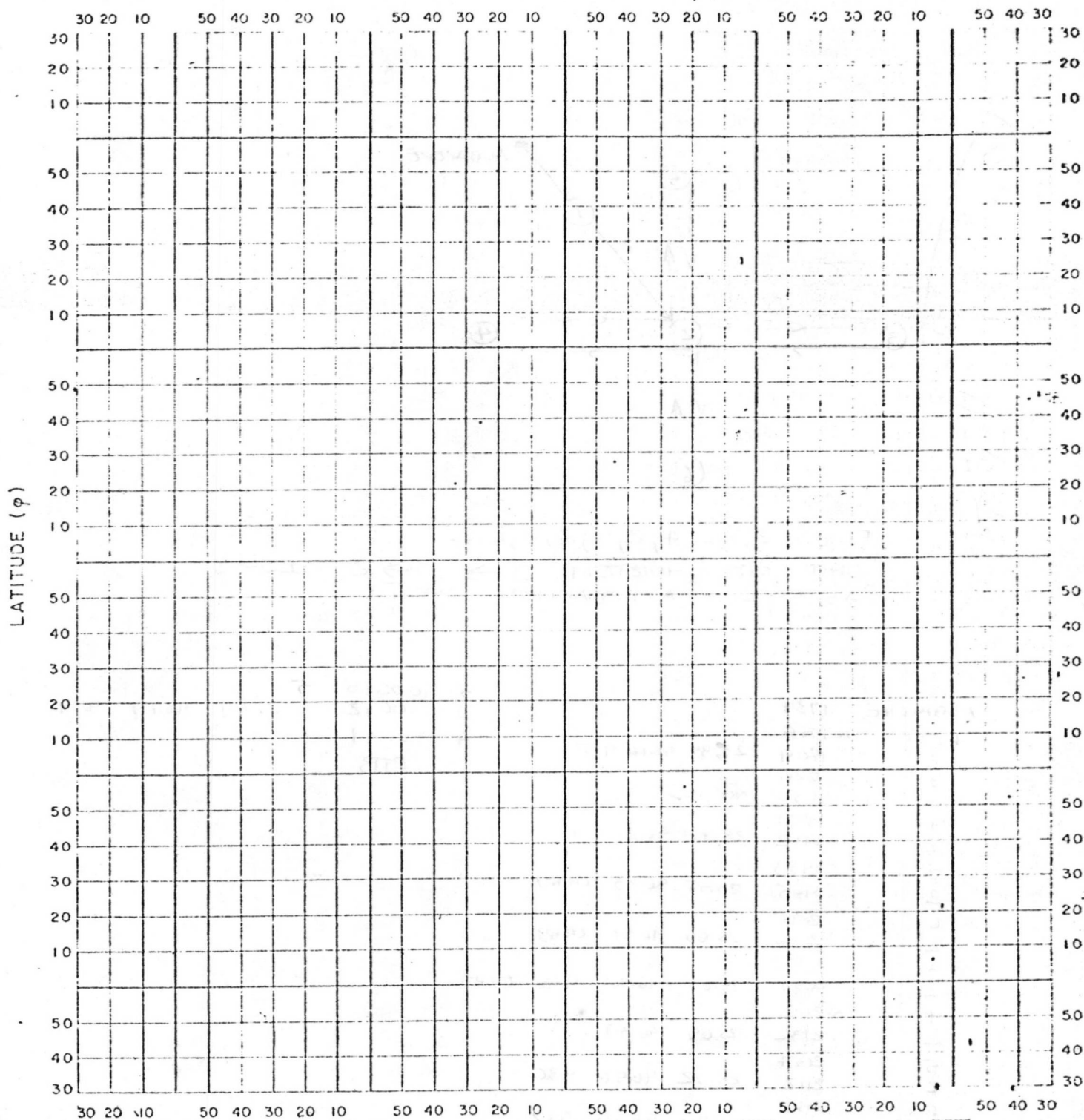
F. Actual Flight Patterns

ALBACORE	1734			
1-IP	~1758			
2	1809	23.39	96.16	925
3	1820			
2	1830	NO POS		
4	1851			
2	1912	25.47	96.20	924
5	1933			
2	1955	25.55	96.23	(BAD)
6	2015			
2	2036	25.65	96.41	(BAD)
3				
2	2051	25.65	96.30	932 (BAD)
4	~2112			
2	2132	25.69	96.39	
5	2154			
2	2112	25.72	96.56	930
6	2131			
2	2152	25.70	96.59	932
3	2256			
2	2301	NO POS		
4	2322			
2	2344	25.69		

5	100005			
2	0022	25.69	96.69	934
4	0041			
	RTB			

HURRICANE RECCO PLOTTING CHART

TRUE AT 25° LATITUDE, IN DEGREES AND MINUTES OF ϕ AND λ



DATE _____

LONGITUDE (λ) _____

OBSERVER _____

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

FLIGHT DATA LOG

FLIGHT: 800809T STORM: ALLEN
 TIME: 09/1626 TO: 10/0207
 ON-BOARD LEAD PROJECT SCIENTIST: WILLOUGHBY

Flight summary (include status of instrumentation and recording equipment, as well as any problems, malfunctions or outages with approximate times):

TAIL RADAR NOB DMTR 2 FLOCKY

DATA VOLUME

STANDARD METEOROLOGICAL TAPES: _____

FAST TAPES: _____

RADAR TAPES: DIGITAL 10 VIDEO 0 LF ☒ TA ☐ NO ☐
 CASSETTES

CLOUD PHYSICS/KNOLLENBERG TAPES: _____

FORMVAR? ☐ FOIL? ☐

AXBT's? ☐ NO. of DROPS: _____ PRINTOUT? ☐

OMEGA DROPWINDSONDES? ☐ NO. of DROPS: _____

NO. of CASSETTES _____ PRINTOUT? ☐ STRIP CHARTS? ☐

PHOTOGRAPHY: VERTICAL? ☒ SIDE? ☒ NOSE? ☐

(IF KNOWN) RATE: _____ RATE: _____ RATE: _____

SEEDING MISSION? ☐ FROM THIS A/C? ☐ NO. of FLARES: _____