790912 H2

Appendix I

Operational Checklists

19790912H2.LPS

FORM I-1 On-board Lead Project Scientist Checklist

DATE 12 SEP 1979 AIRCRAFT 42 RF FLT 79 09 12 H2

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	WILLOUGHBY	Gust Probe	
Cloud Physics	GROSS	Omega Sonde	
AXBT	HAWKINS	Sys Eng	
Hot Film		Data Tech	DARBY
Radar	WIRFEL	El Tech	MCRORY
Flt DIR/MET	ROSSBY	Other	

Time Off 22212 Location MIA Time On 130743 Location MIA

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon
13	002	29	88

FILE

220/17

Date	Time	Lat	Lon	MSLP	
13	0014	29.7 40	88.1 07	946	120 KT
13	0248	30.10	88.30	946	
13	0430	EYE OVER PASCAGULA			
13	0540	S. EYE WALL 5 MI OFF COAST. E. WALL OVER MOBILE BAY.			
13	0600	S. WALL STILL OFF COAST A MILE OR TWO ON OBS.			

C. Mission Briefing

FLY PATTERN #III TRUNCATING AS NECESSARY TO KEEP FEET DRY. GET 002, 032, 062 FIXES

ROUGH G
130207 30.08 88.28 946

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D. Equipment Status

Equipment	Pre Flt	In Flt	Post Flt	Reports Collected
Aircraft	↑	↑	↑	
Radar	↑	↑	↑	X
Cloud Physics	↑	↑[2]	↑[2]	X
Data Sys	↑[1]	↑[3]	↑	
Omega Sondes				
AXBT	↑[1]	↑	↑	X
Gust Probe				
Hot Film				
Photography				

REMARKS

1 ON PREFLITE COULD NOT GET B.T. DATA DISPLAY ONE RECIEVER SHAKEY

2 PRECIP PROBE ↓, RECORDER BALKY

3 DATA SYS CRASHED ON EXIT FROM EYE RETURNED TO CENTER TO GET IT GOING AND THEN EXITED AT FL 050 ALONG 240 NORMAL TO TRACK AFTER RESTORING FUNCTION

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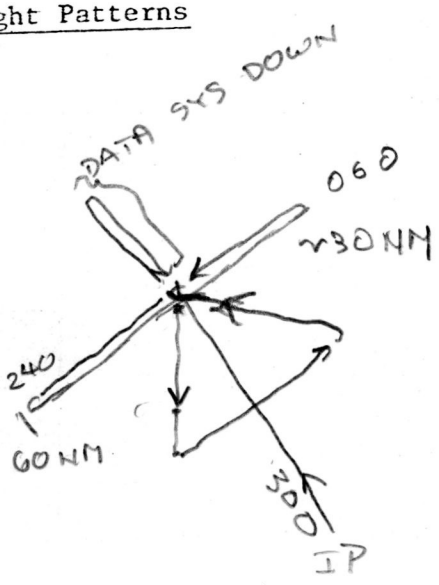
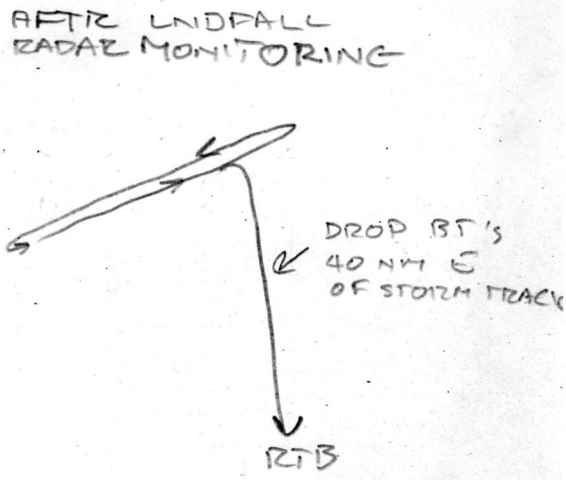
E. Proposed Flight Patterns

SEE ATTACHED SHEET

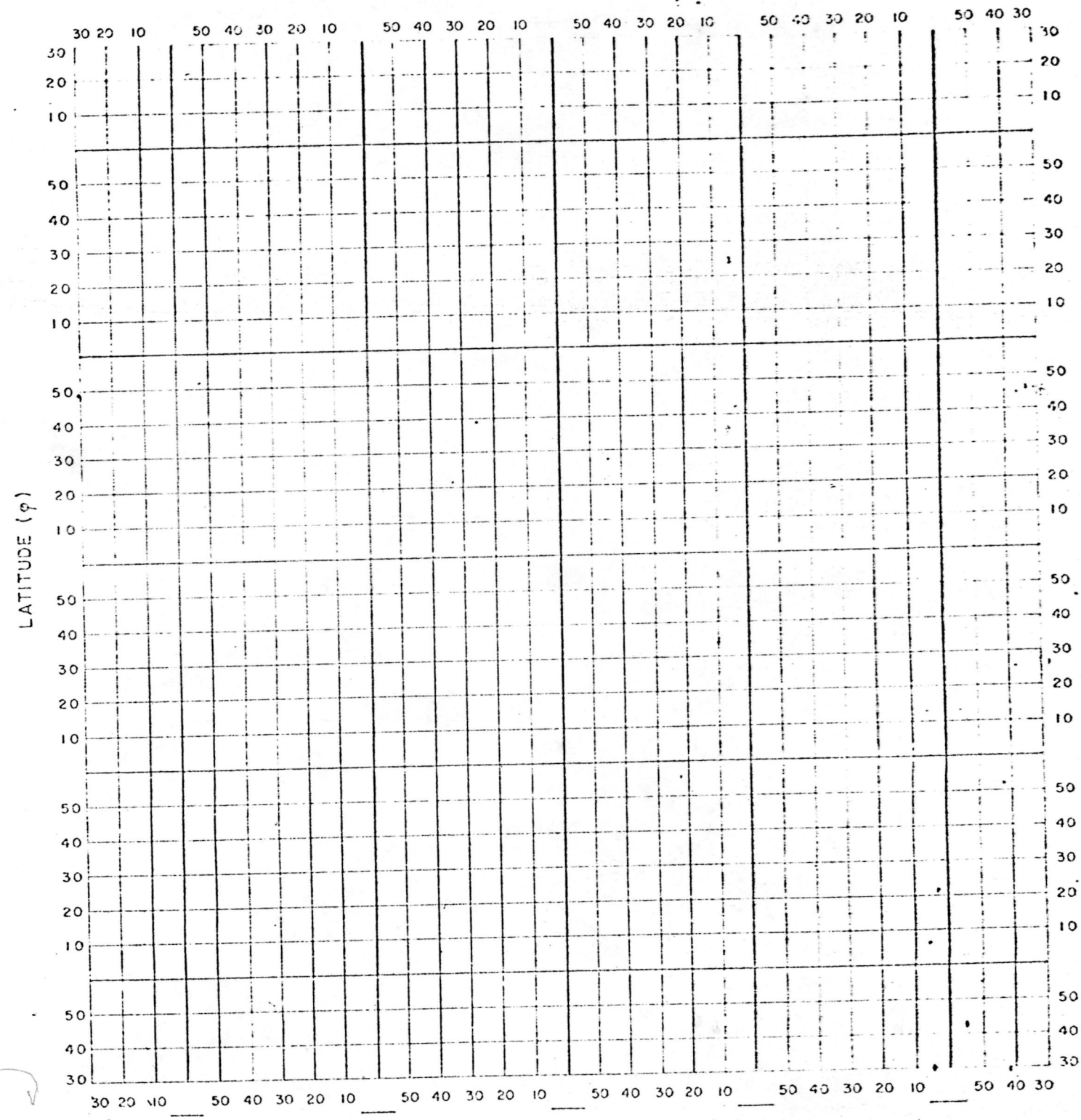
F. Actual Flight Patterns





HURRICANE RECCO PLOTTING CHART

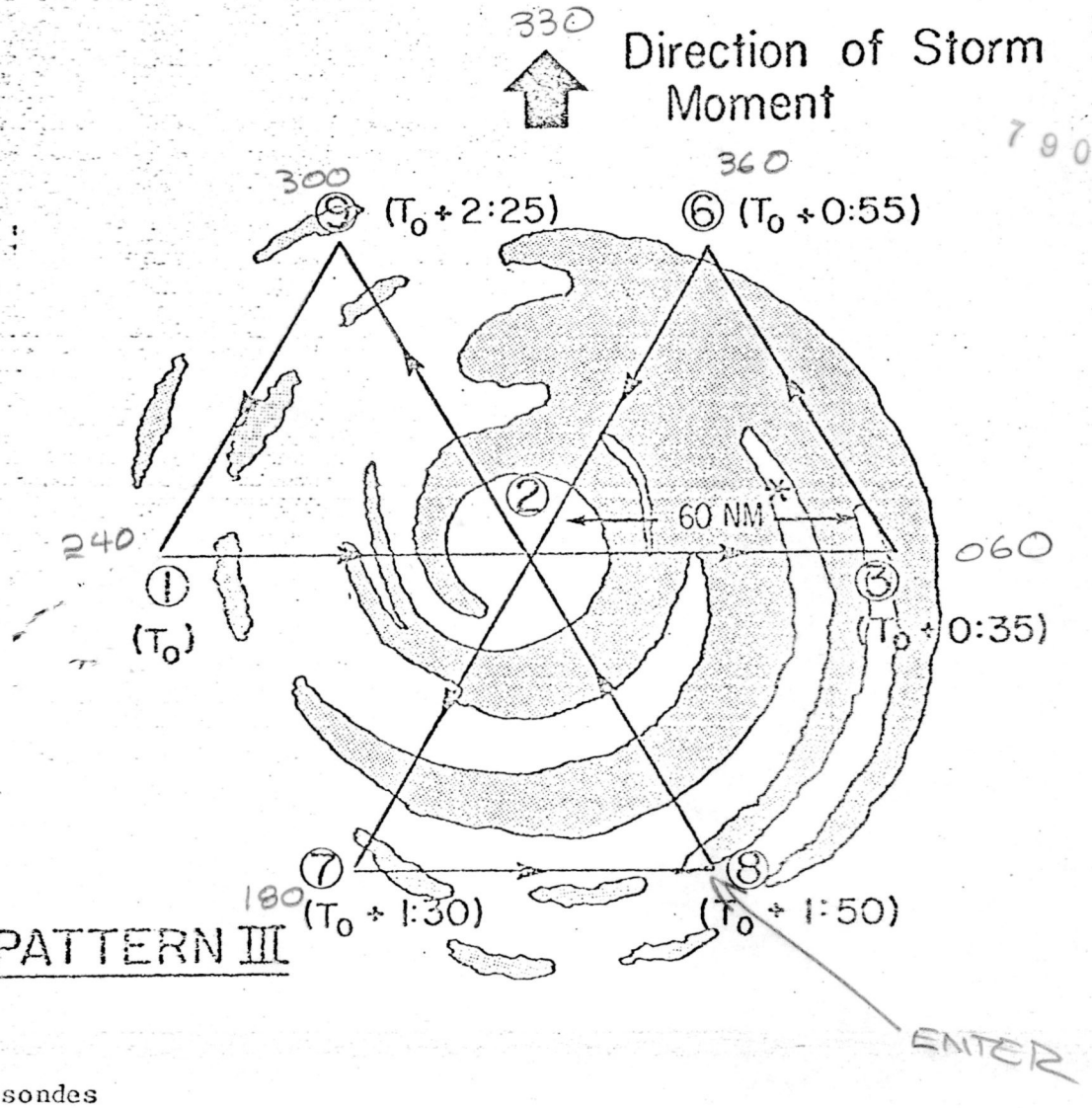
TRUE AT 25° LATITUDE, IN DEGREES AND MINUTES OF φ AND λ



DATE _____ OBSERVER _____

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

PROPOSED PATTERN



790912 HV

D - Dropsondes

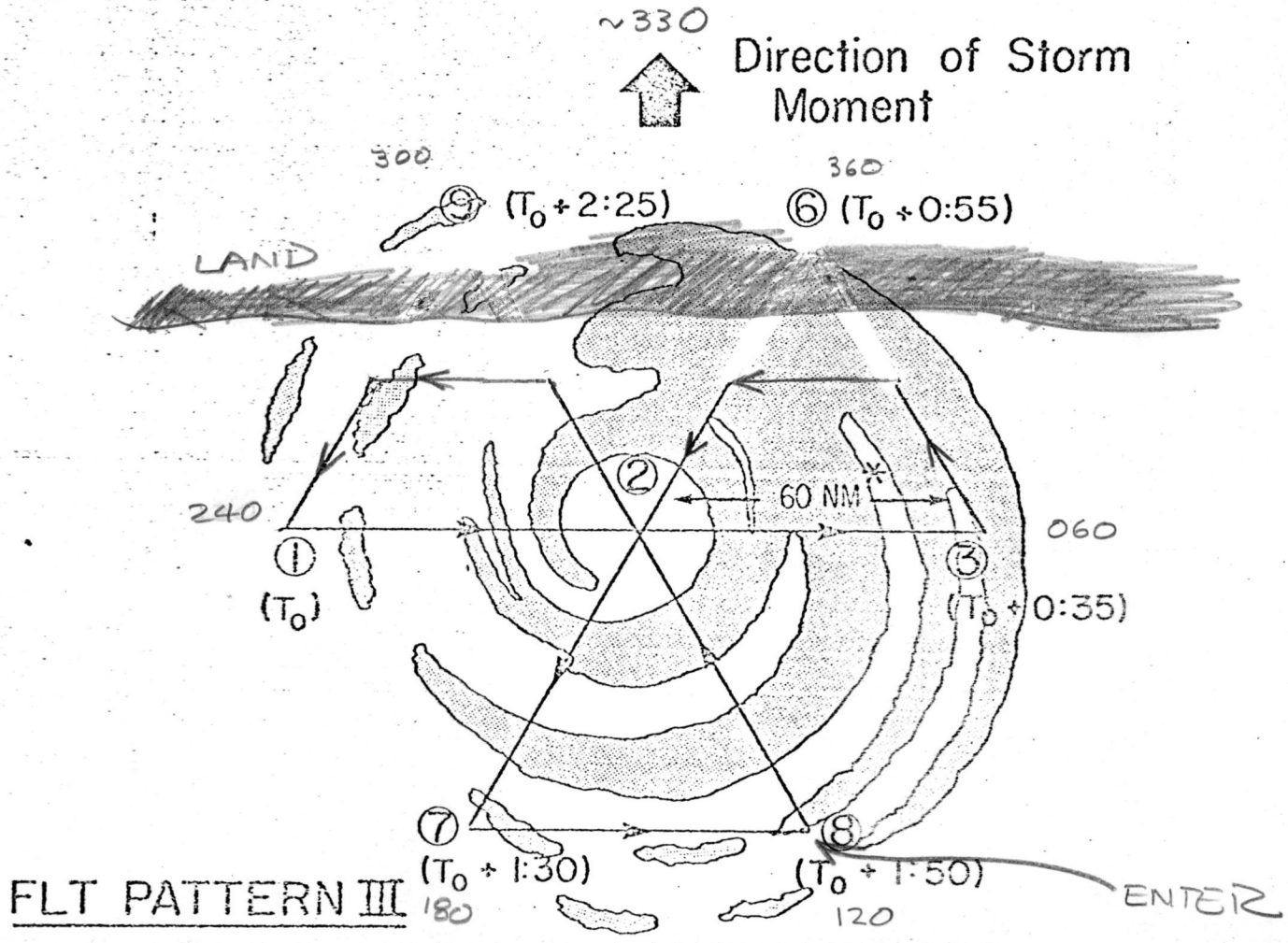
NOAA FLTS A, B, A2, B2, A3, B3, A4, B4 (Long-term monitoring)
(See figure B.2 and table B.1)
FLY 1-2-3-6-2-7-8-2-9 at 1500 ft. Repeat for duration of flight.

NOAA FLT C (Short term monitoring) (See figure B.3 and table B.2)
FLY 1-2-3-6-2-7-8-2-9-1 at 10,000 ft and repeat.

NOAA FLTS C, C2, C3 (Long-term monitoring) and B (short-term monitoring)
(See figures B.2 and B.3 and tables B.1 and B.2)
FLY 1-2-3-6-2-7-8-2-9-1 at . 20,000 ft. Climb to 24,000 ft near 1.
Repeat pattern at 24,000 ft. Dropsondes released on this pattern.

*Distance varies from 60 to 80 nm depending upon storm characteristics.

Figure B.8. Flight pattern III. Short- and long--term monitoring pattern and flight sequences. (See figures, B.2 and B.3 and tables B.1 and B.2).



D - Dropsondes

NOAA FLTS A, B, A2, B2, A3, B3, A4, B4 (Long-term monitoring)
(See figure B.2 and table B.1)
FLY 1-2-3-6-2-7-8-2-9 at 1500 ft. Repeat for duration of flight.

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