

Appendix J

Operational Checklists

19800809H1-LPS

FORM J-1

On-board Lead Project Scientist Checklist

DATE 8/9/80 + 8/10/80 AIRCRAFT 42RF FLT 800809H

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>SHEETS</u>	Gust Probe	<u>N/A</u>
Cloud Physics	<u>R. BLACK</u>	Omega Sonde	<u>ZYSKO</u>
AXBT	<u>N/A</u>	Sys Eng	<u>SIMS</u>
Hot Film	<u>N/A</u>	Data Tech	<u>Lambert</u>
Radar	<u>PARRISH / GOLDENBERG</u>	El Tech	<u>CONNER</u>
Flt DIR/MET	<u>Rosby</u>	Other	<u>ROSENFELD</u>

Time Off 9/~2345Z Location MIATime On 10/10Z Location MIA

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
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C. Mission Briefing

Track along coast ~ 100 NM North of center - 60-80 NM
east of center and 60 NM south of center

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	OK	OK	✓	
Radar	OK	OK	✓	
Cloud Physics	OK	OK	✓	
Data Sys	OK	OK	✓	
Omega Sondes	OK	OK	✓	
AXBT	N/A	N/A	—	
Gust Probe	N/A	N/A	—	
Hot Film	N/A	N/A	—	
Photography	DARK			

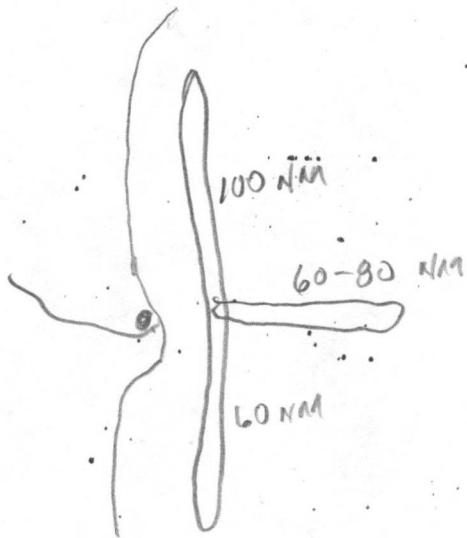
REMARKS

Spoking on radar - system reloaded ~0045Z

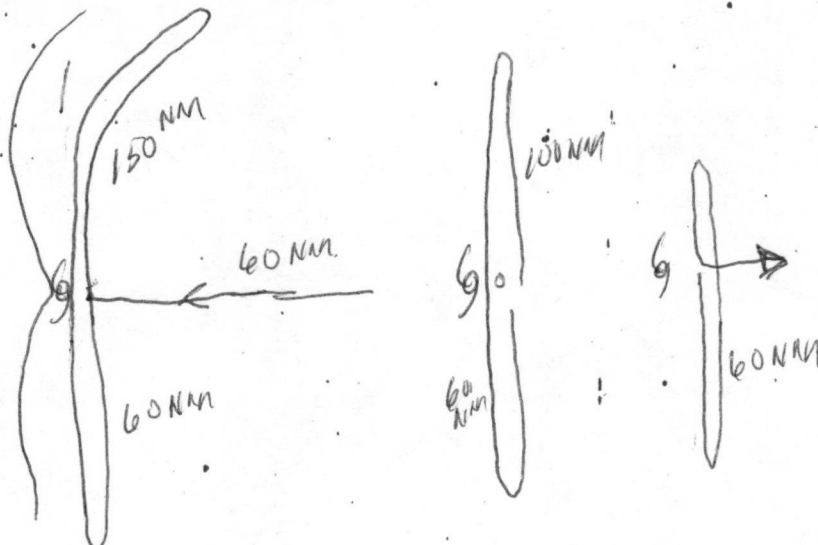
Dropped 15 sondes. Seven enroute.

Three in eye. Remainder along coast North and South of storm.

E. Proposed Flight Patterns

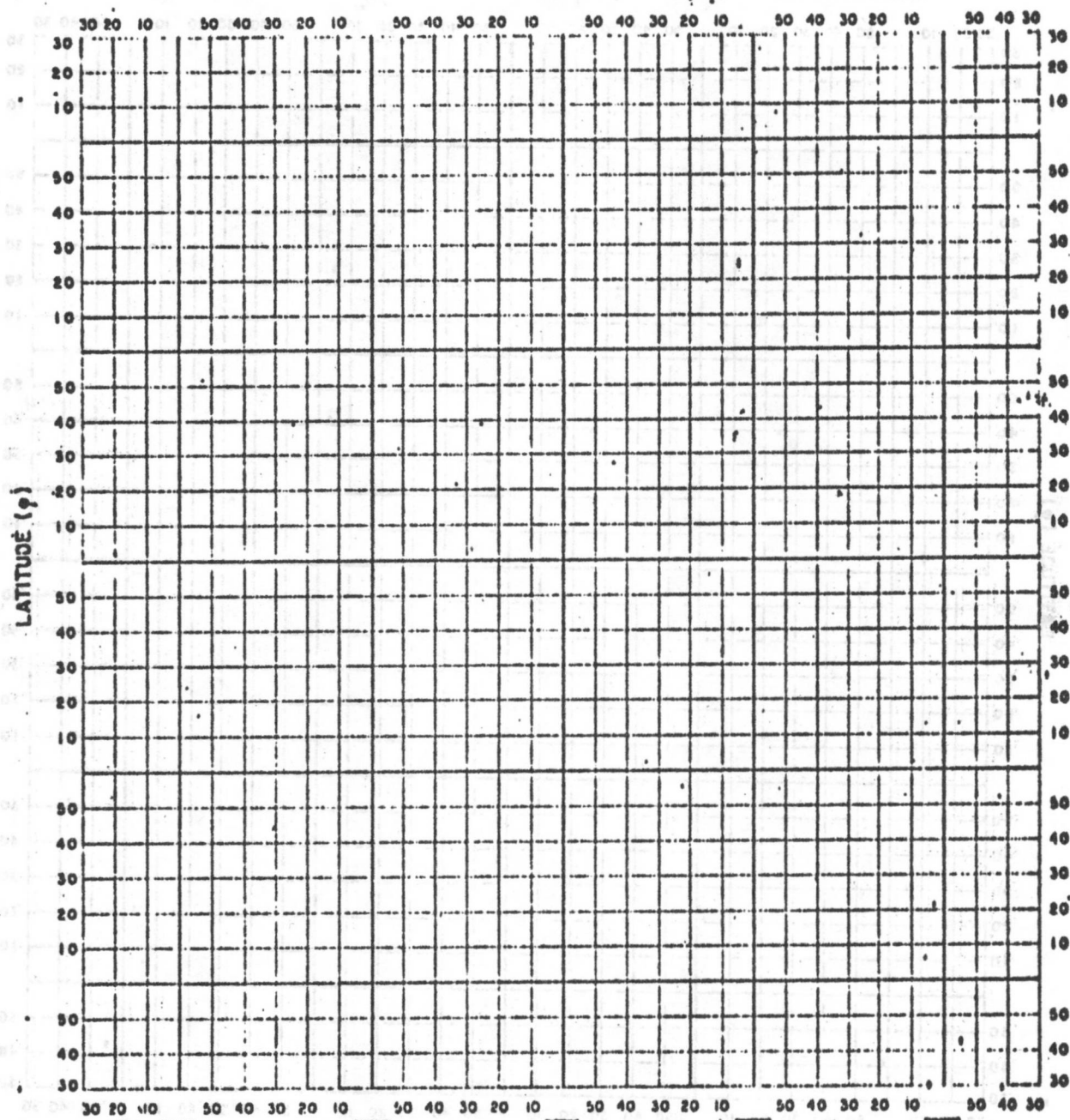


F. Actual Flight Patterns



HURRICANE RECCO PLOTTING CHART

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



DATE _____

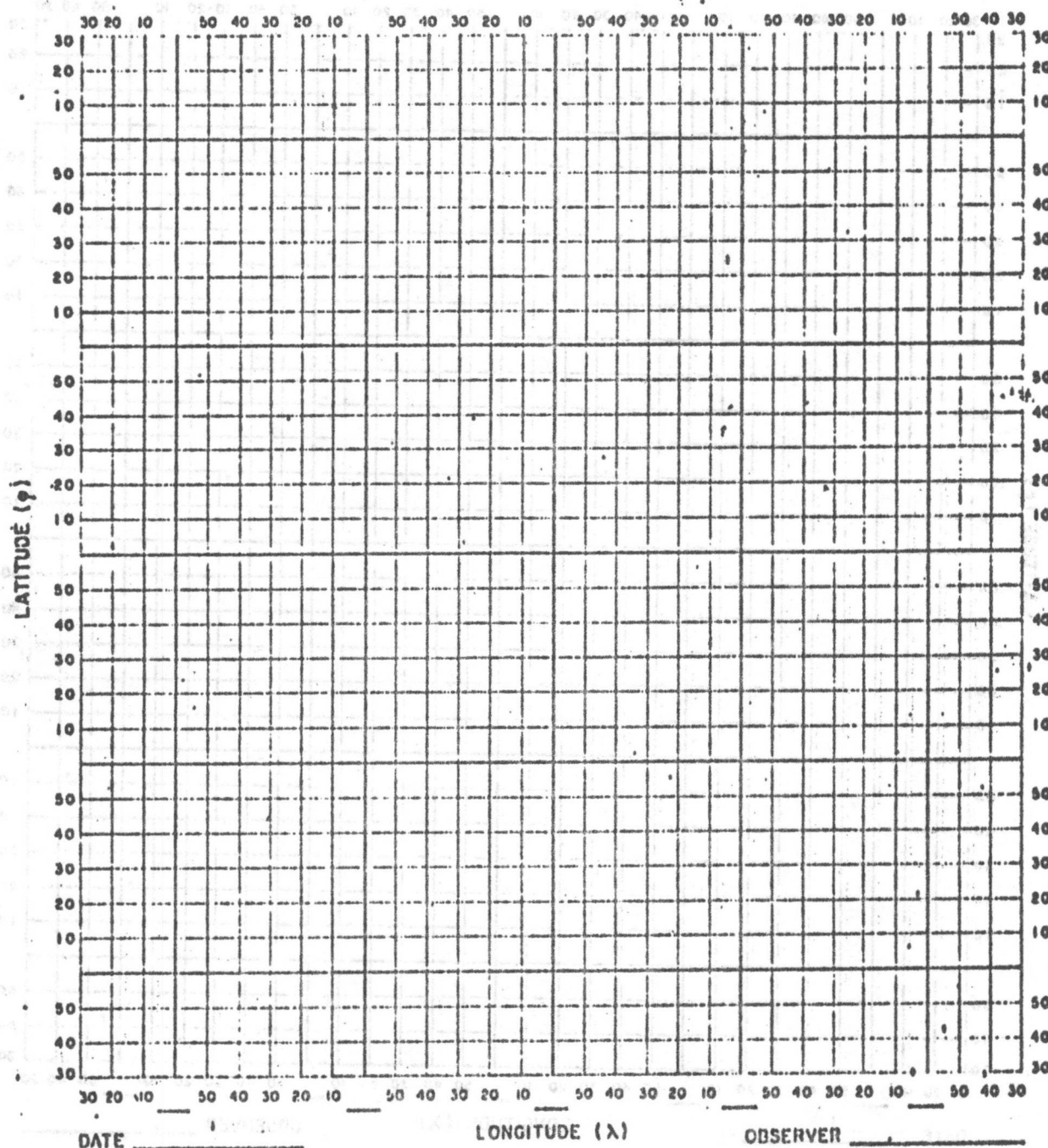
LONGITUDE (λ) _____

OBSERVER _____

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

HURRICANE RECCO PLOTTING CHART

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



NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA