

19790831I

Operational Checklists

19790831I-LPS

FORM J-1

On-board Lead Project Scientist Checklist

DATE 8/31/79AIRCRAFT F3RFHURRICANE
FLT DAVID

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>SHEETS</u>	Gust Probe	<u>N/A</u>
Cloud Physics	<u>HICKS</u>	Omega Sonde	<u>N/A</u>
AXBT	<u>N/A</u>	Sys Eng	<u>GOLDSTEIN</u>
Hot Film	<u>N/A</u>	Data Tech	<u>DARBY</u>
Radar	<u>WIRFEL</u>	E1 Tech	<u>McRory</u>
Flt DIR/MET	<u>ROSSBY</u>	Other	

Time Off	Location	Time On	Location
<u>30/2150Z</u>	<u>MIAMI</u>		

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
FCST <u>01/00Z</u>	<u>~080Z</u>	<u>18.5</u>	<u>71.0</u>					

C. Mission Briefing

Operational fix at 00Z. Eye probably over land. Should
fly a box pattern along the coast and get radar fix.

D. Equipment Status

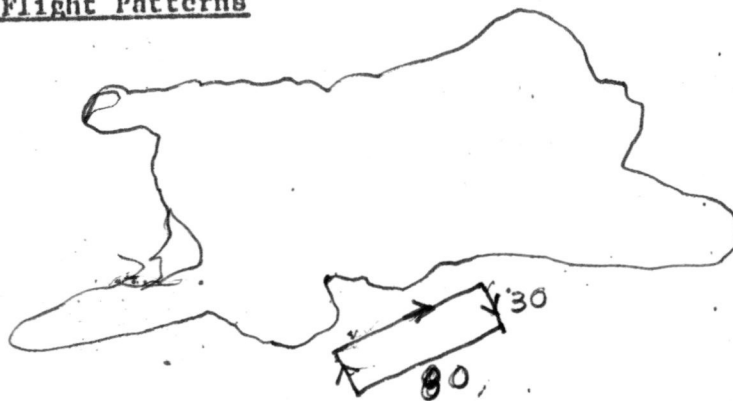
<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	✓			
Radar	✓			
Cloud Physics	✓	FOIL OUT		
Data Sys	✓			
Omega Sondes	N/A			
AXBT	N/A			
Gust Probe	N/A			
Hot Film	N/A			
Photography	✓			

REMARKS

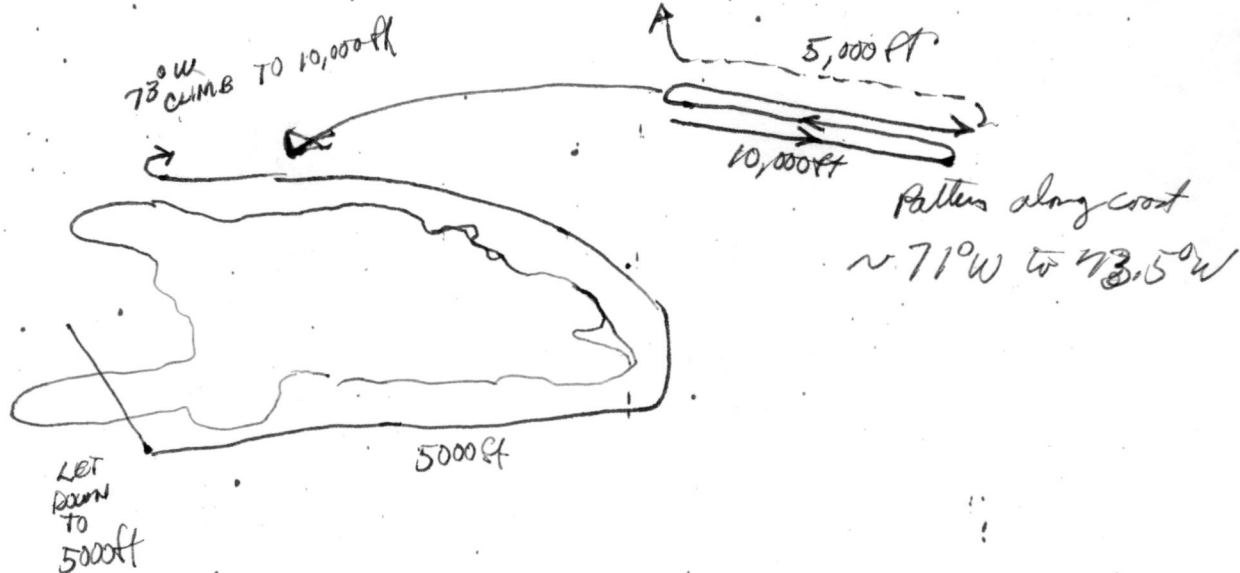
Radar out at take off but corrected early in flight.
 Satellite data being received at NHC.

Storm over Hispaniola for whole flight. No center for by penetrations or radar.

E. Proposed Flight Patterns



F. Actual Flight Patterns



HURRICANE RECCO PLOTTING CHART

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

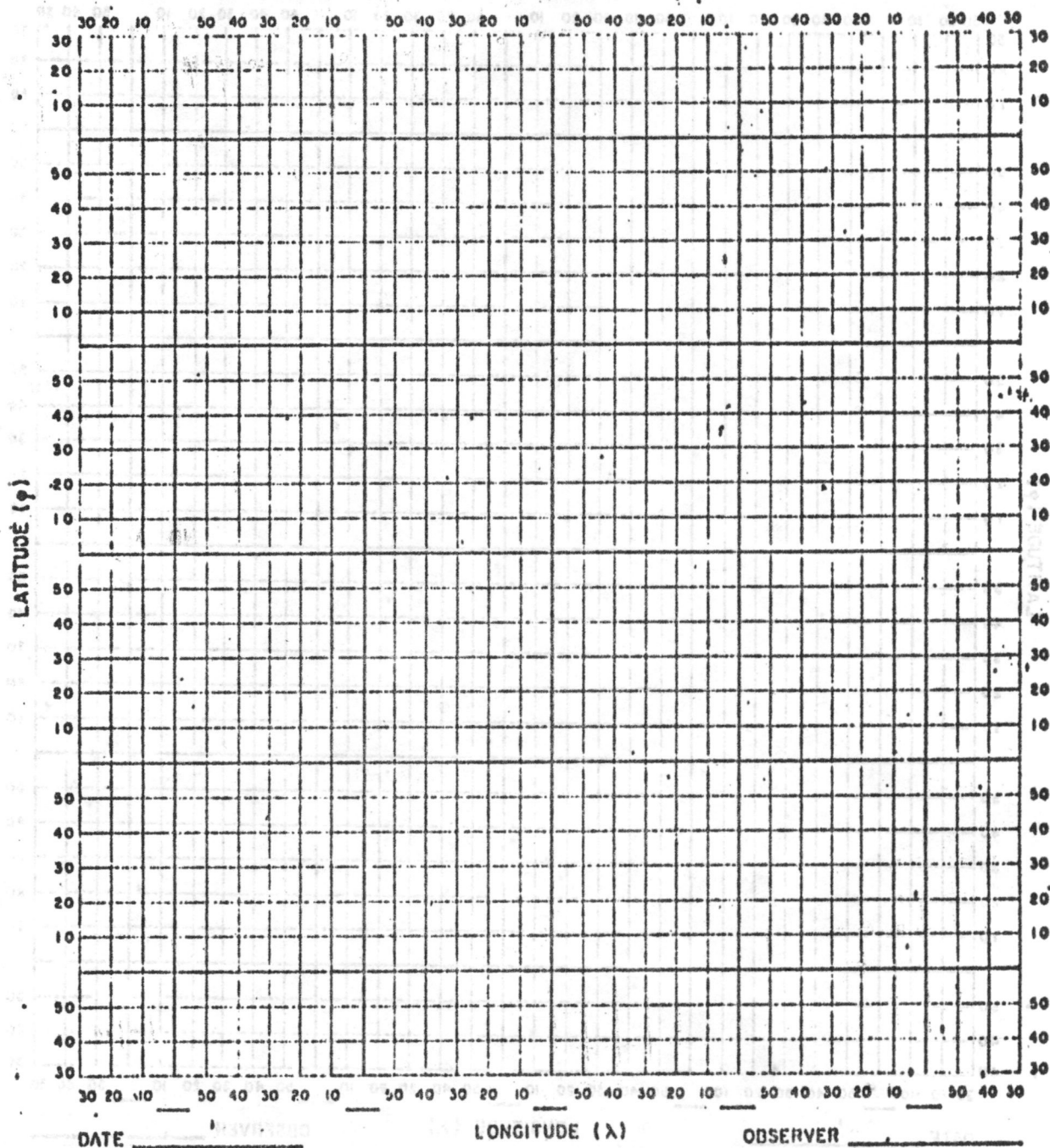
LATITUDE (ϕ)

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

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SHEETS

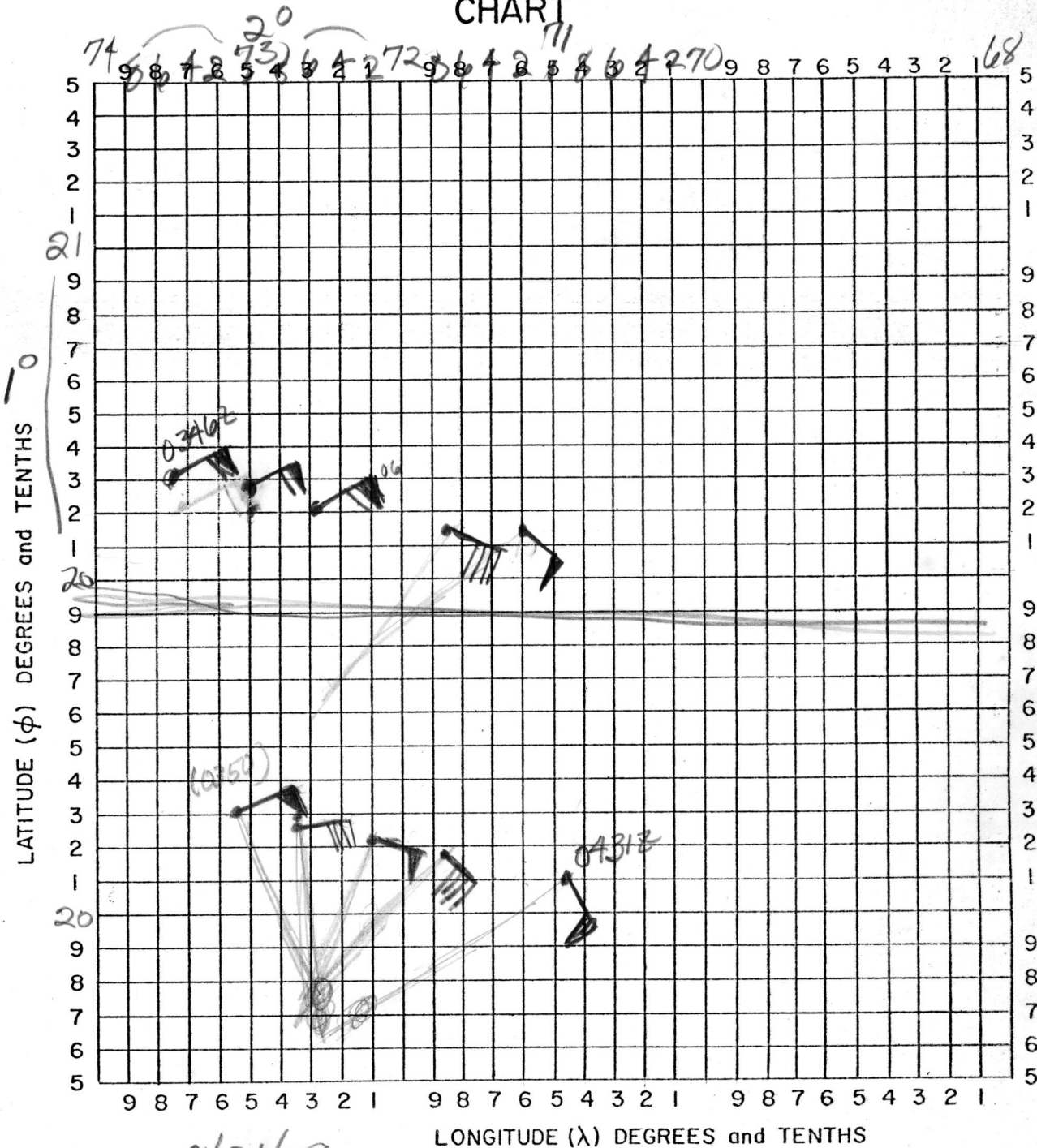
NOTE: Label full degrees according to location of flight area

Port-au-Prince
Calm
29.60

10,000 ft.

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HURRICANE RECCO PLOTTING CHART



DATE 8/31/79
OBSERVER SHRETS

NOTE: Label full degrees according to location of flight area

Operational

Lead Project Scientist, Duties

1. ^{Prior to take off,} Contact NHEML ~~prior to take off~~ if possible to report
 - a. Probable time off
 - b. ~~Any problems~~
 - c. Planned pattern
 - d. NHEML crew members
 - e. Destination
 - f. Any problems
2. Immediately after take off confirm that RFC flight ~~Met/Dor~~ ^{Director/Met} has ~~been~~ contacted CARCAH by voice to report time off and ETA at storm.

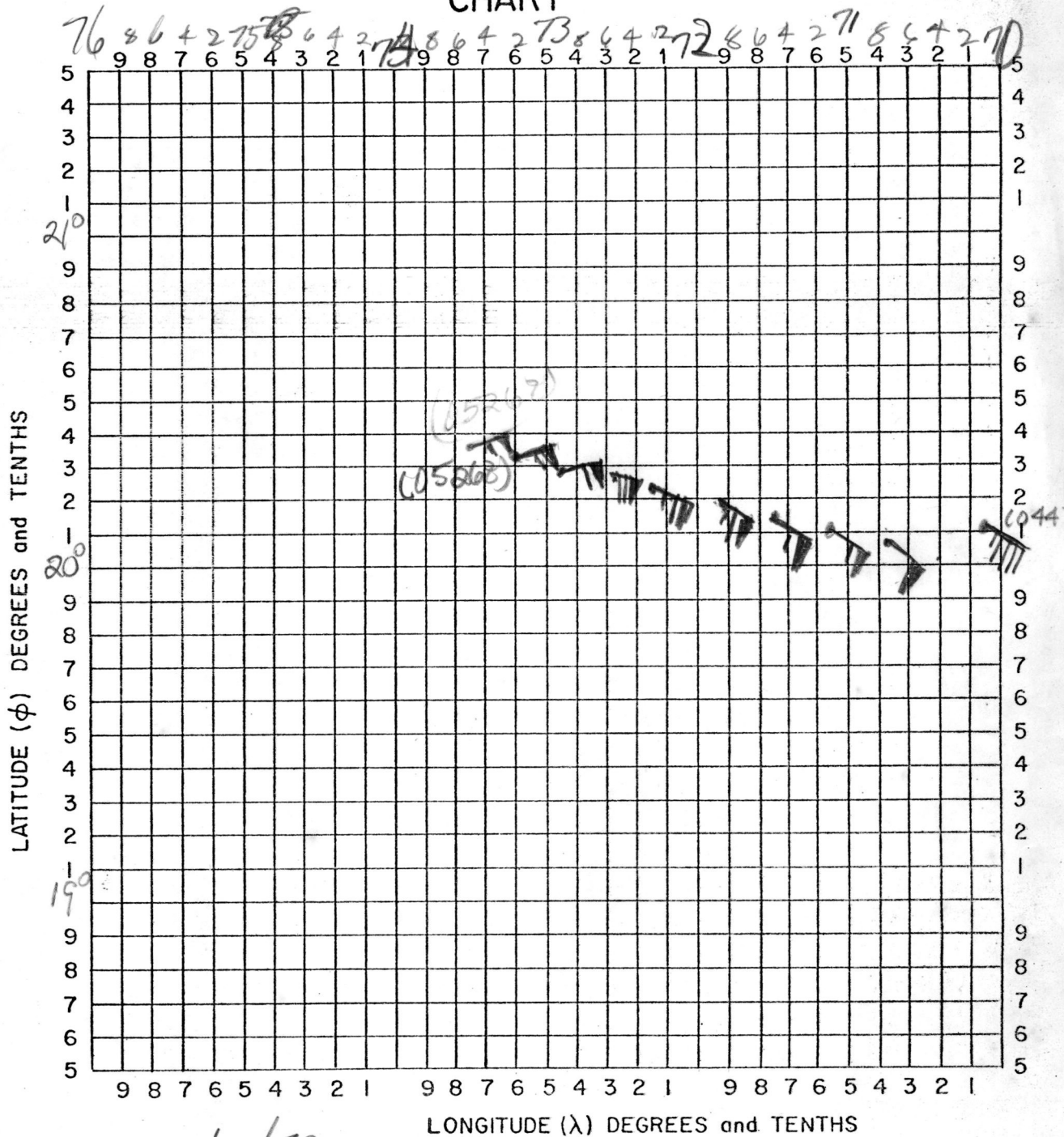
SAT POSITION

18.9 171.2°V

02/00Z

5000ft DAVID 790831I

HURRICANE RECCO PLOTTING CHART



DATE 8/31/79
OBSERVER SHRETS

NOTE: Label full degrees according to location of flight area