

ARMED

Appendix J

Operational Checklists

19790911-1-LPS

FORM J-1

On-board Lead Project Scientist Checklist

DATE SEPT 11, 1979

AIRCRAFT 43RF

FLT FREDERIC

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>SHEETS</u>	Gust Probe	<u>N/A</u>
Cloud Physics	<u>GROSS</u>	Omega Sonde	<u>N/A</u>
AXBT	<u>HAWKINS</u>	Sys Eng	<u>GOLDSTEIN</u>
Hot Film	<u>N/A</u>	Data Tech	<u>DARBY</u>
Radar	<u>STEWART</u>	El Tech	<u>McRORY</u>
Flt DIR/MET	<u>ROSSBY</u>	Other	

Time Off 11/1945Z Location MIA

Time On Location

11/21Z FIX RESPONSIBILITY

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
..				<u>9/11</u>	<u>21Z</u>	<u>25.4</u>	<u>85.5</u>	<u>966MB</u>

C. Mission Briefing

Proceed to Frederic - First pass Thru at 5,000 ft
Then proceed on pattern I.

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	✓			
Data Sys	✓			
Omega Sondes	N/A			
AXBT	✓ (31)			
Gust Probe	N/A			
Hot Film	N/A			
Photography	5 sec. ^{TO} STORM	1 SEC IN STORM		

REMARKS

TEMP problems ~ 2125Z

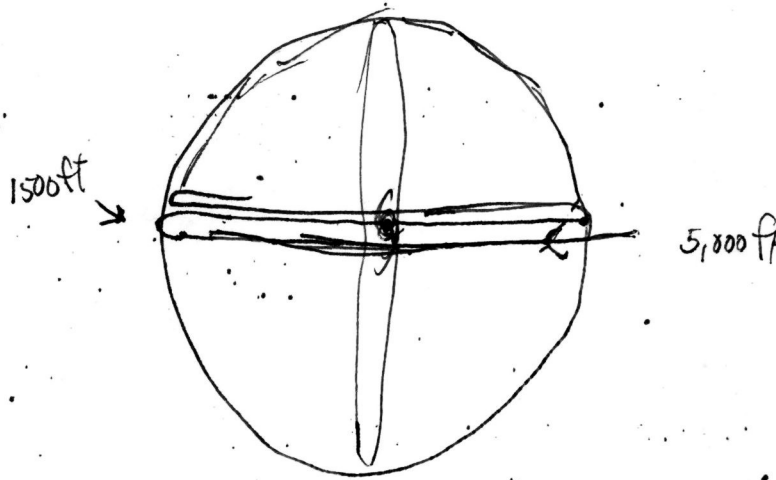
Temp problems ~ 2340Z

Corrected shortly

2330Z	AP FX
25 33	
85 47' W	

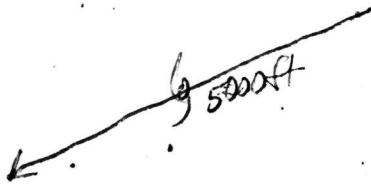
E. Proposed Flight Patterns

Pattern I 1500 ft.

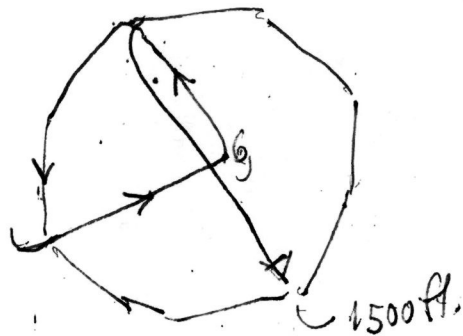


F. Actual Flight Patterns

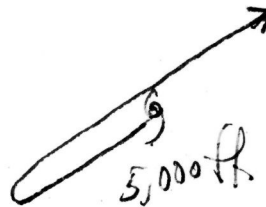
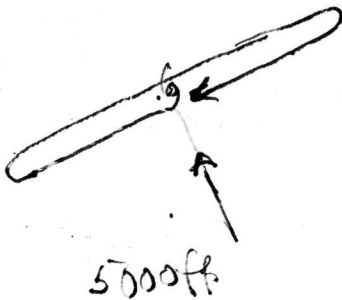
①



②



③



HURRICANE RECCO PLOTTING CHART

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

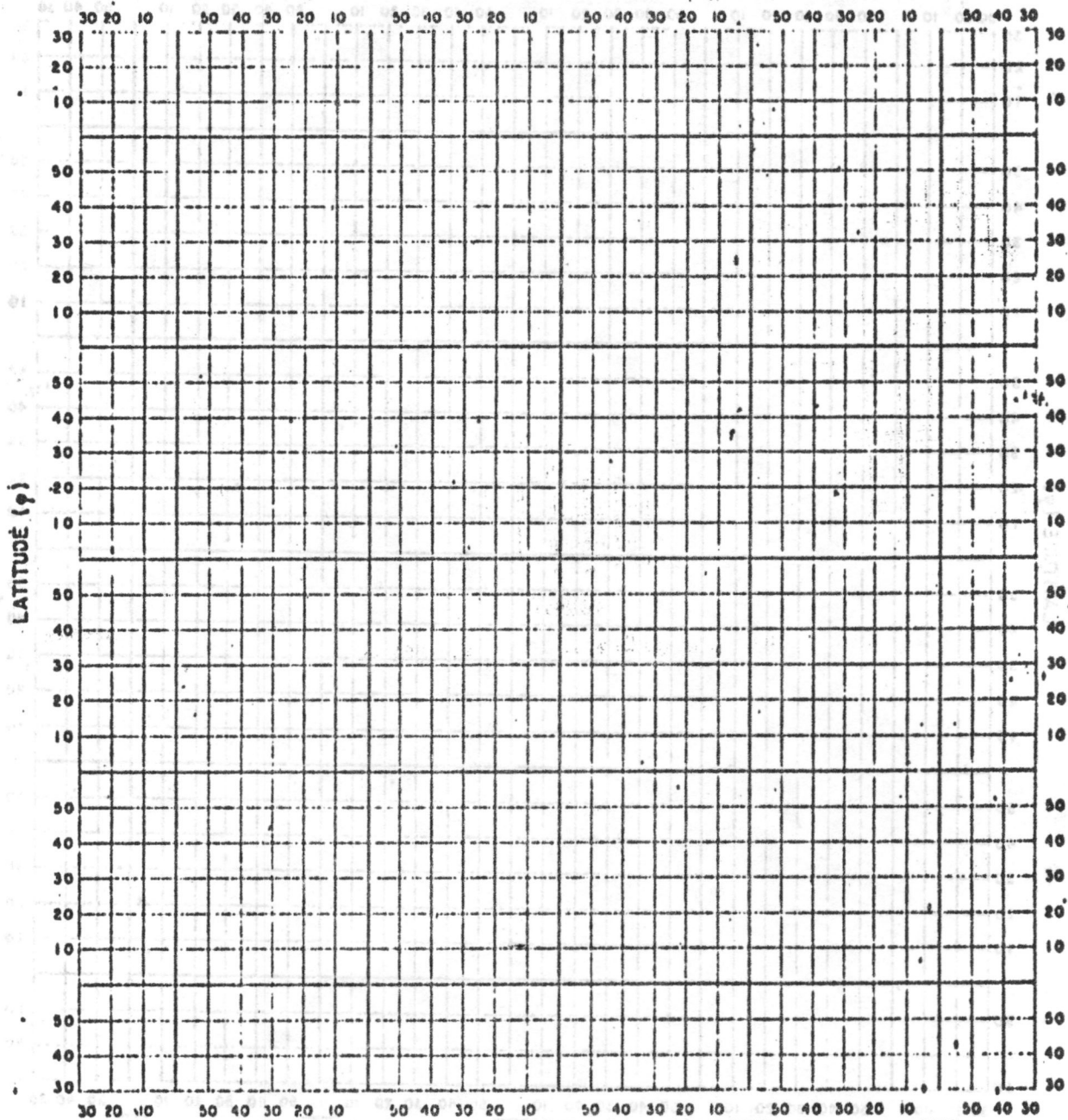
LATITUDE (ϕ)

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



DATE _____

LONGITUDE (λ) _____

OBSERVER _____

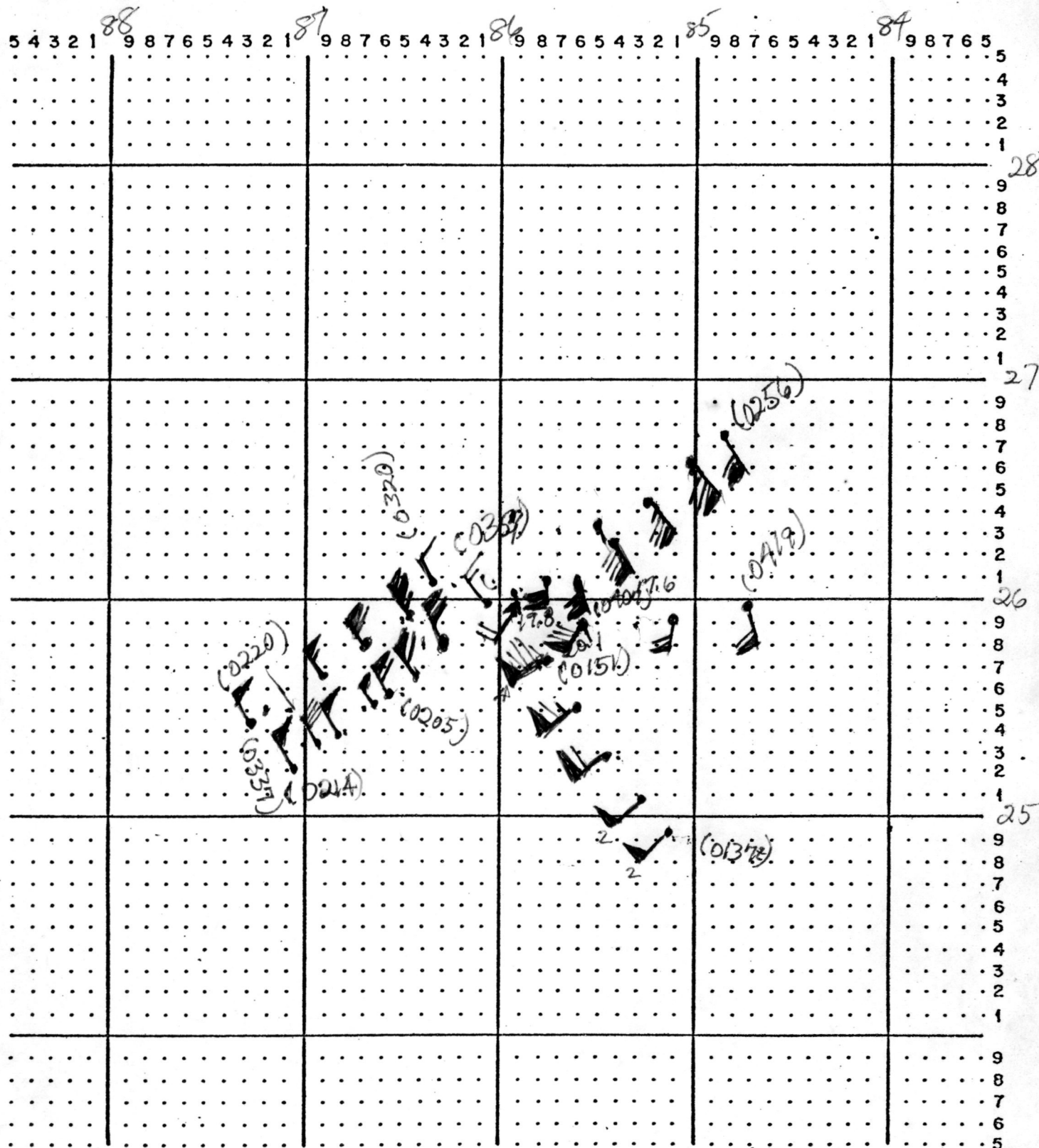
NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

HURRICANE RECCO PLOTTING CHART

True at 25° latitude, in degrees and tenths of ϕ and λ

FLIGHT 1790911 I LEVEL 5000 ft

LATITUDE (ϕ)



DATE 9/11/79 LONGITUDE (λ) 25 55' 86.05" 958
 OBSERVER SHARPS

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT

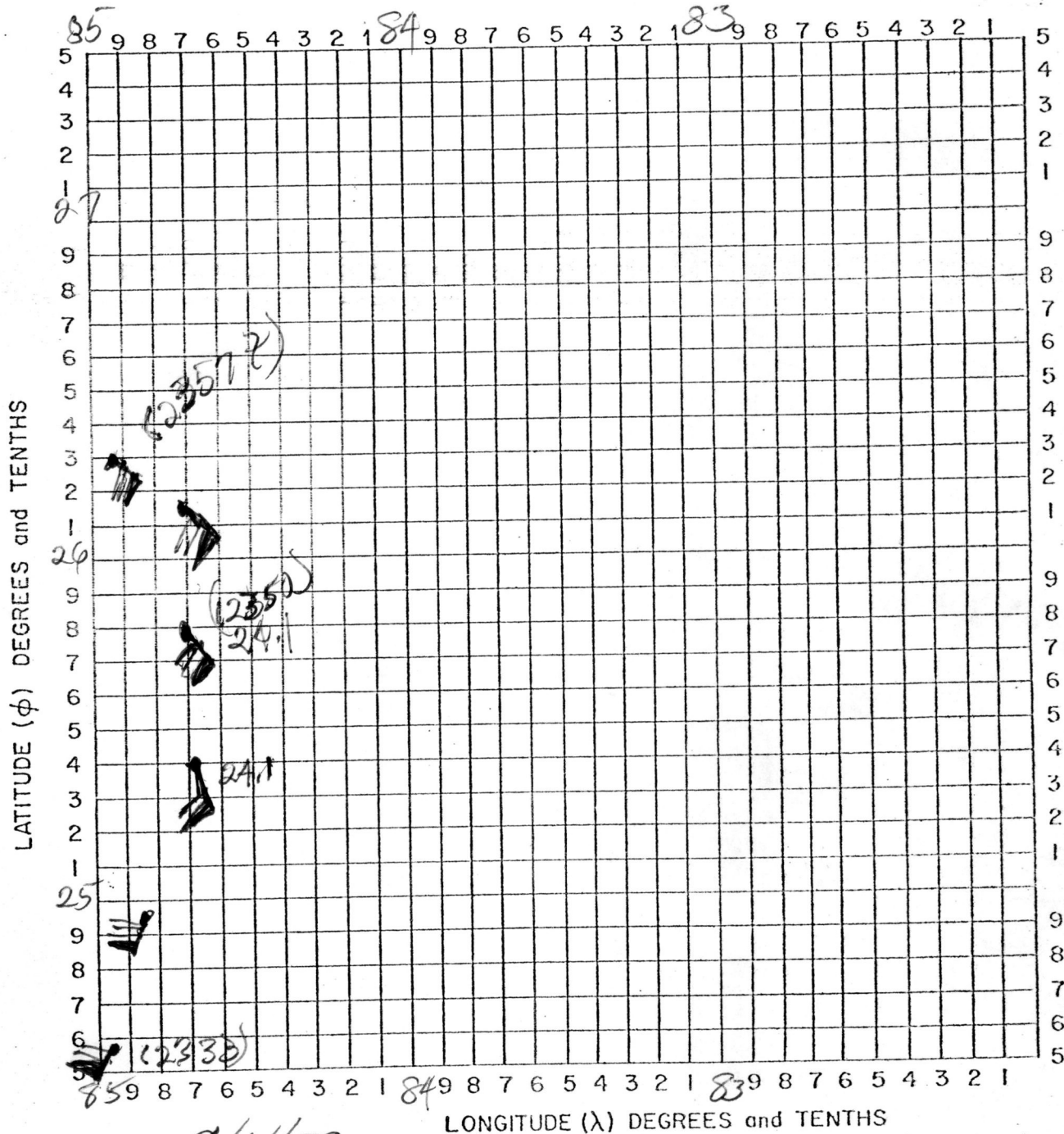
25 40') 2340Z
85 58')

790911 I

1500 ft.

962

HURRICANE RECCO PLOTTING CHART



DATE

9/14/79

OBSERVER

SNFELS

NOTE: Label full degrees according to location of flight area

12

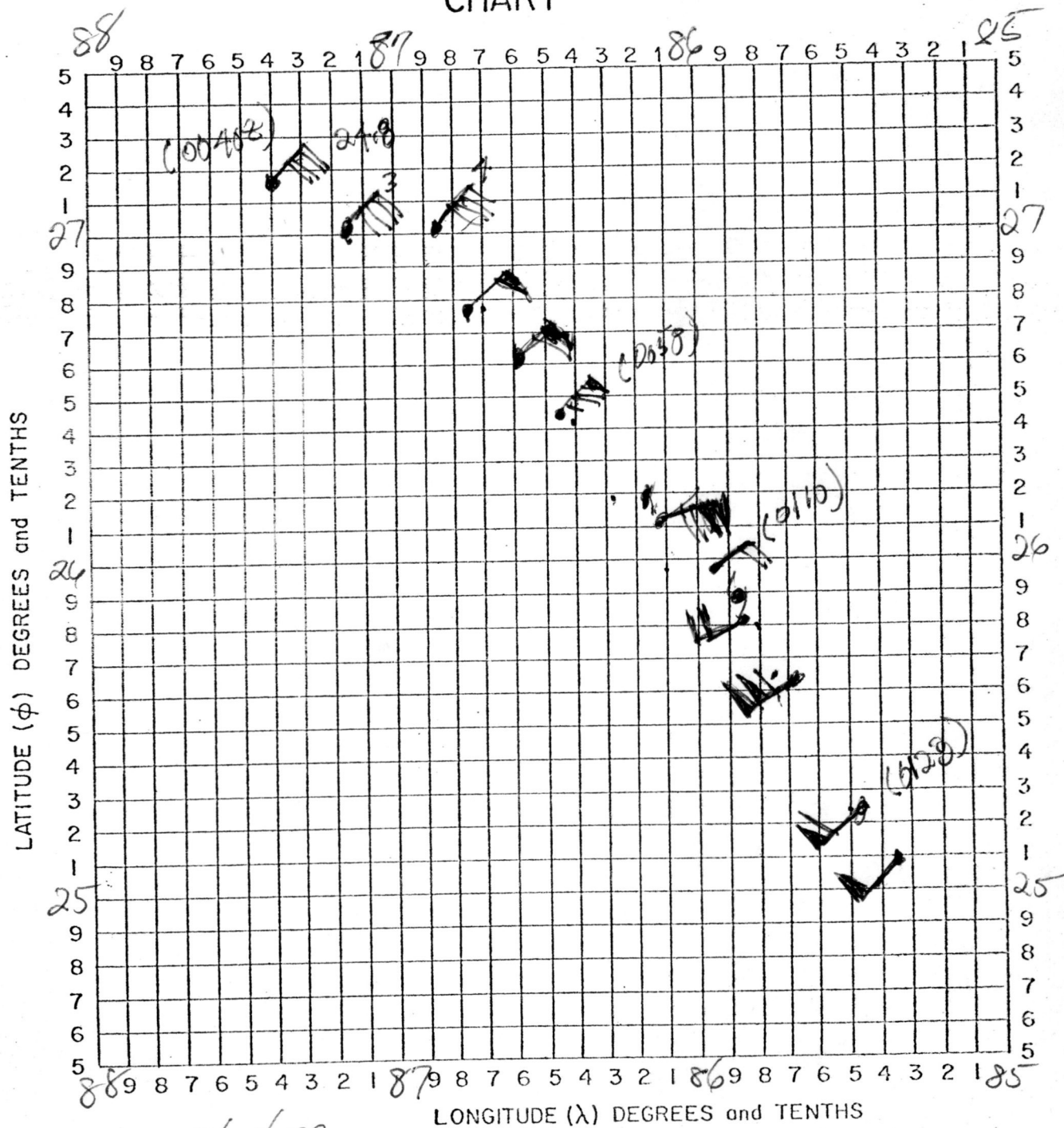
$$\begin{array}{r} 2\frac{1}{2} \\ 5\frac{1}{2} \\ \hline 8 \end{array}$$

25.8

85.9

790911I

1500H

HURRICANE RECCO PLOTTING
CHART

DATE

9/11/79

OBSERVER

SABES

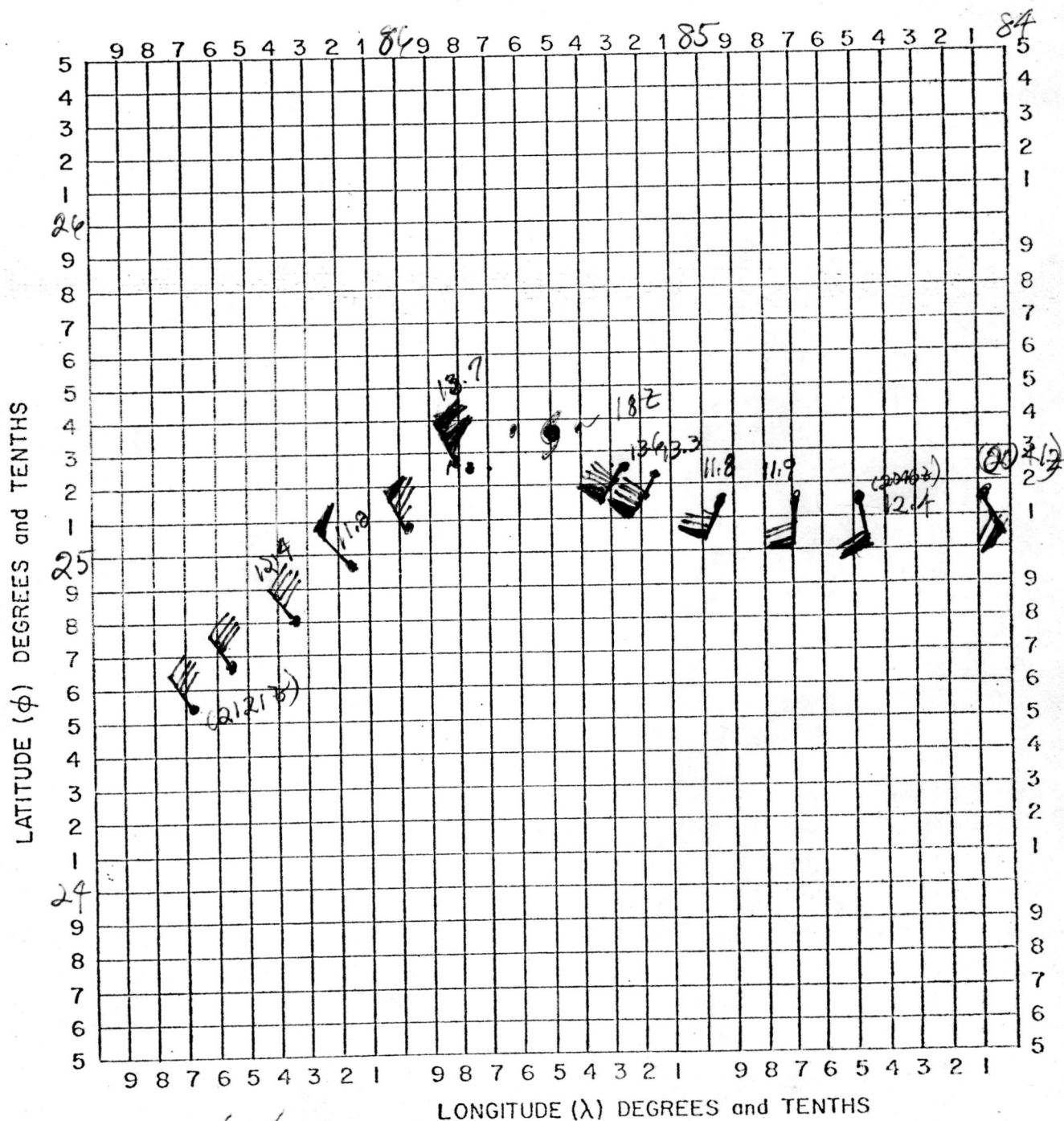
NOTE: Label full degrees according to location of flight area

Drop 5-6 BT's along path North of center

790911I FREDERIC

5,000ft

HURRICANE RECCO PLOTTING CHART



DATE 9/11/79

OBSERVER SPREBS

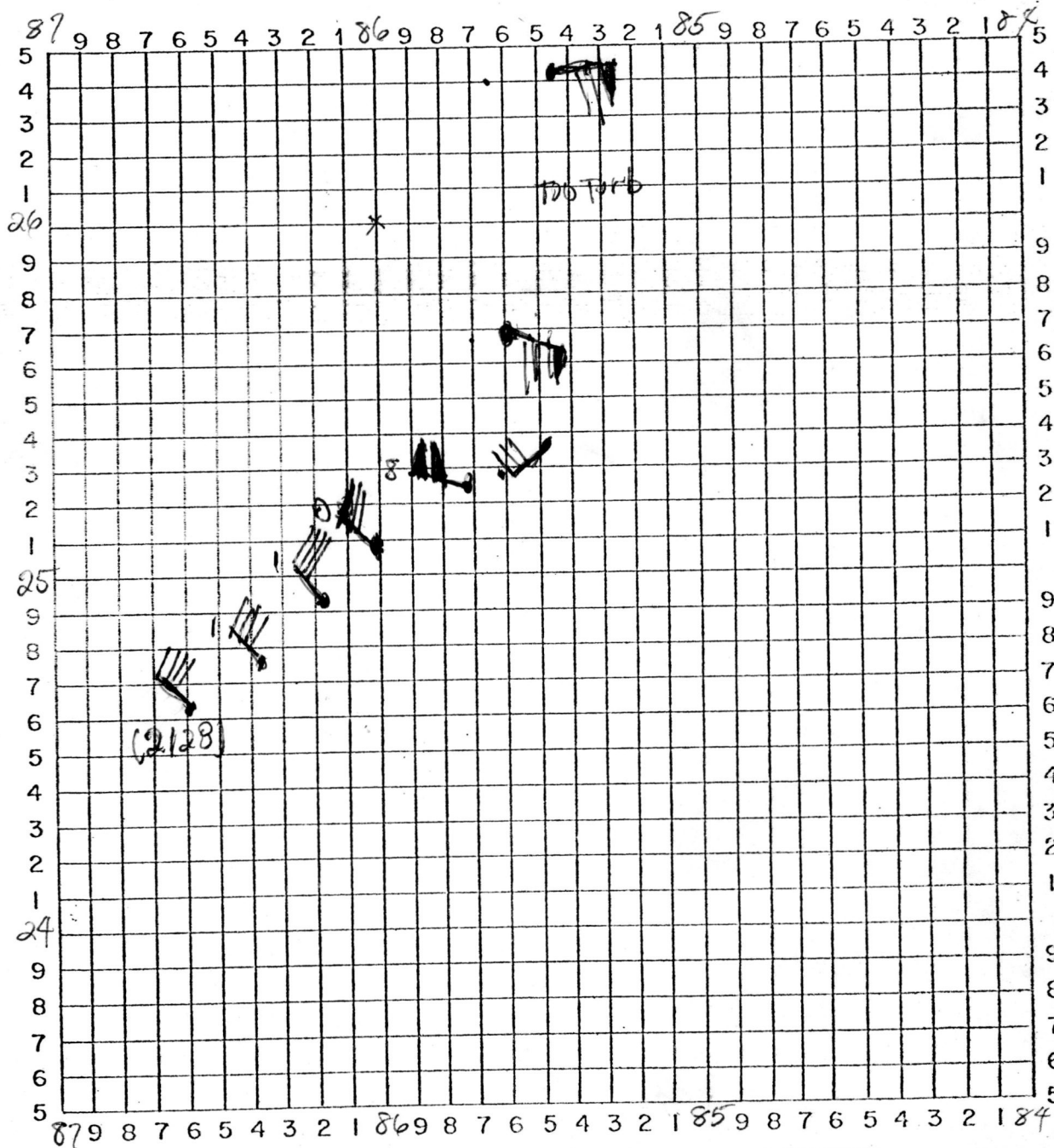
NOTE: Label full degrees according to location of flight area

790911I

FREDFR

Broke off pattern to
202 for ship at ~2155

1500

HURRICANE RECCO PLOTTING
CHARTLATITUDE (ϕ) DEGREES and TENTHSLONGITUDE (λ) DEGREES and TENTHS

DATE

9/11/79

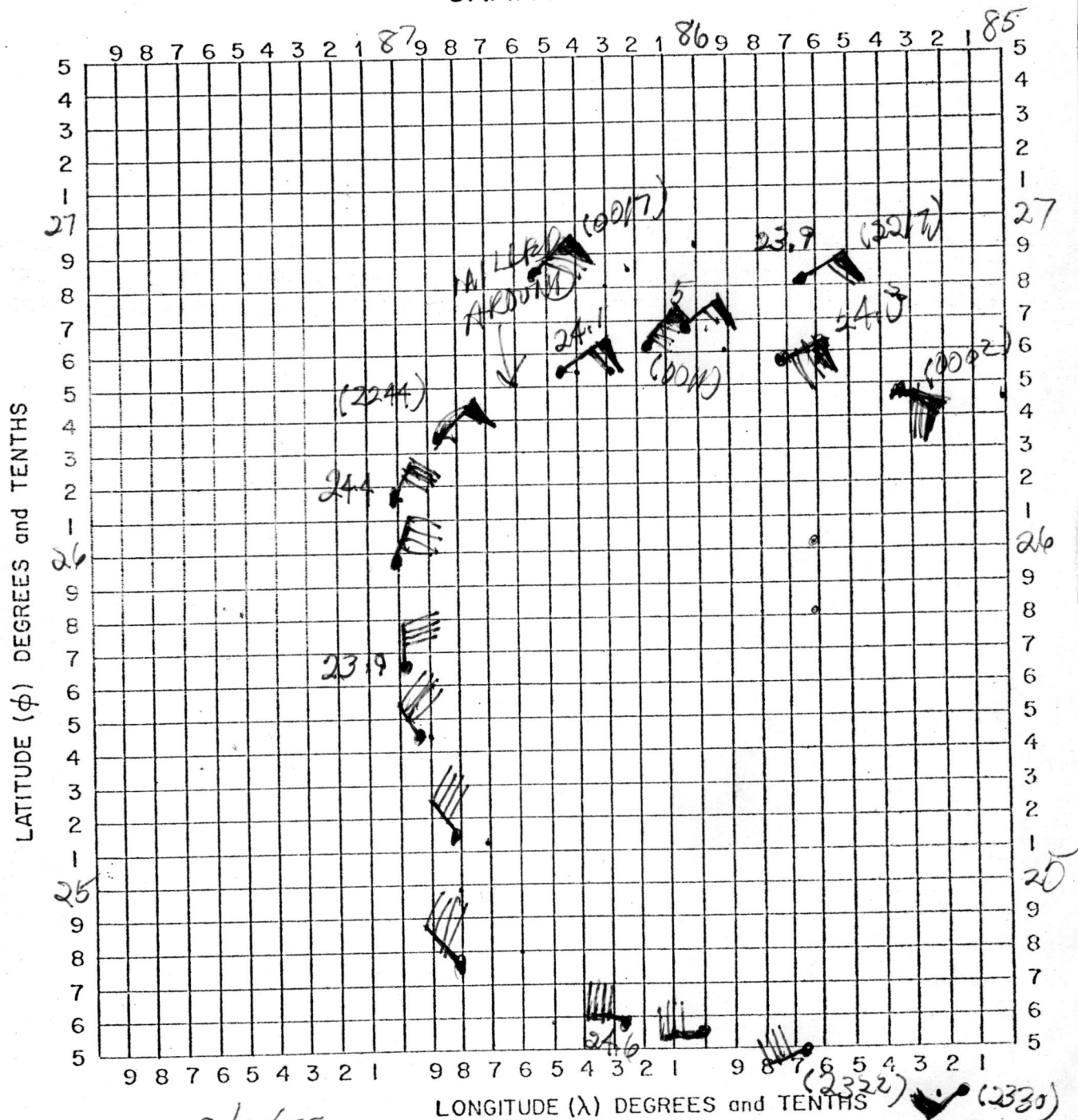
OBSERVER

SHEPES

NOTE: Label full degrees according to location of flight area

790911 I

HURRICANE RECCO PLOTTING CHART



DATE 9/11/01
OBSERVER SHARPS

1500 ft.

NOTE: Label full degrees according to location of flight area