

Operational Checklists

19790830FI-LPS

FORM J-1

On-board Lead Project Scientist Checklist

DATE 30 AUG 77AIRCRAFT 41CFLT 790830 F

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>WILLOUGHBY</u>	Gust Probe	
Cloud Physics	<u>LAHIER</u>	Omega Sonde	<u>CARPENTER</u>
AXBT		Sys Eng	<u>SCRICKER</u>
Hot Film		Data Tech	
Radar	<u>MALONEY</u>	El Tech	
Flt DIR/MET	<u>MICHIE</u>	Other	

Time Off

Location

Time On

Location

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
<u>30</u>	<u>06</u>	<u>16.5</u>	<u>64.5</u>					

C. Mission Briefing

GET 06 FIX - FLY PATTERN ONE AT FL 15

CLIMB TO FL 200 FLY PATTERN 2

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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	↑	↑ 2	↑	✓
Data Sys	↑	↑	↑	
Omega Sondes	↑	↑	↑	CARDENTER RETAINED
AXBT	NOB			
Gust Probe	NOB			
Hot Film	NOB			
Photography				

REMARKS

RADAR BAD ON CLIMB GUNOE: NO PENETRATION
WITHOUT RADAR.
ORBIT 17.16, 64.47 TO ADJUST AFC
0640Z RADAR QUAD UP

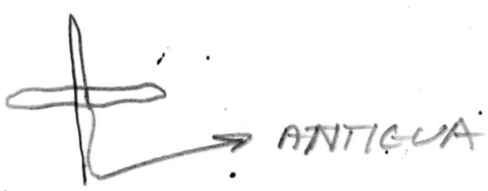
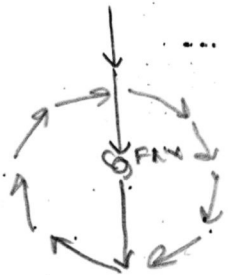
1 RADAR DATA SYS ↓ A/C DISPLAYS ETC OK

2 FOIL BROICE

16.8 67.1

E. Proposed Flight Patterns

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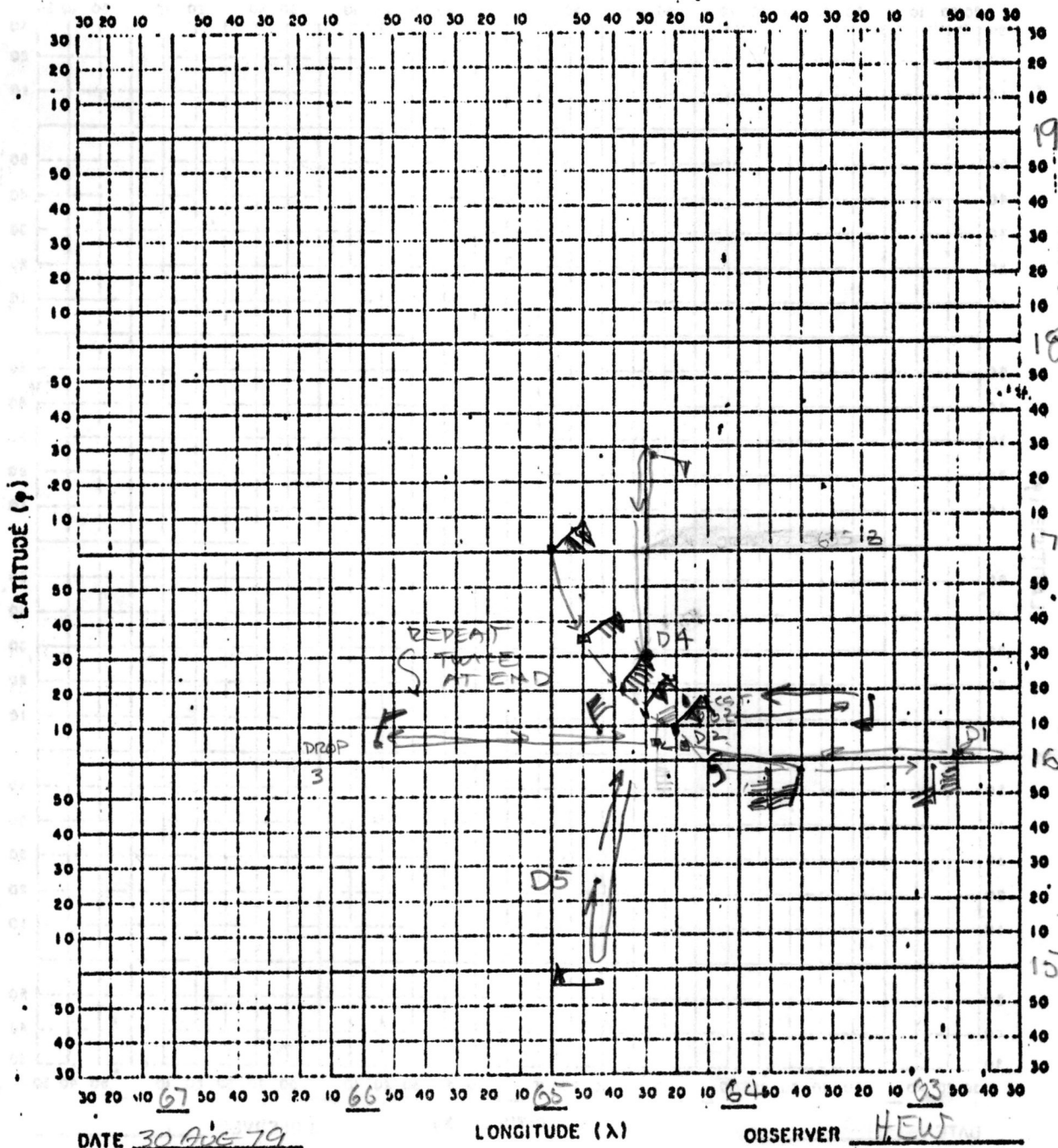
F. Actual Flight Patterns

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198/62.5 DROP 1 16 00' 62°50' WINDS CHECK WITH A/C DATA
 42/50 DROP 2 16 05 64 17 ± JUST INSIDE EYE WALL
 124/82.7 DROP 3 16.05 65 45
 262/50.9 DROP 4 16.25 64 45
 015/70 DROP 5 16.22 65 52 ALL 52. SONDED

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

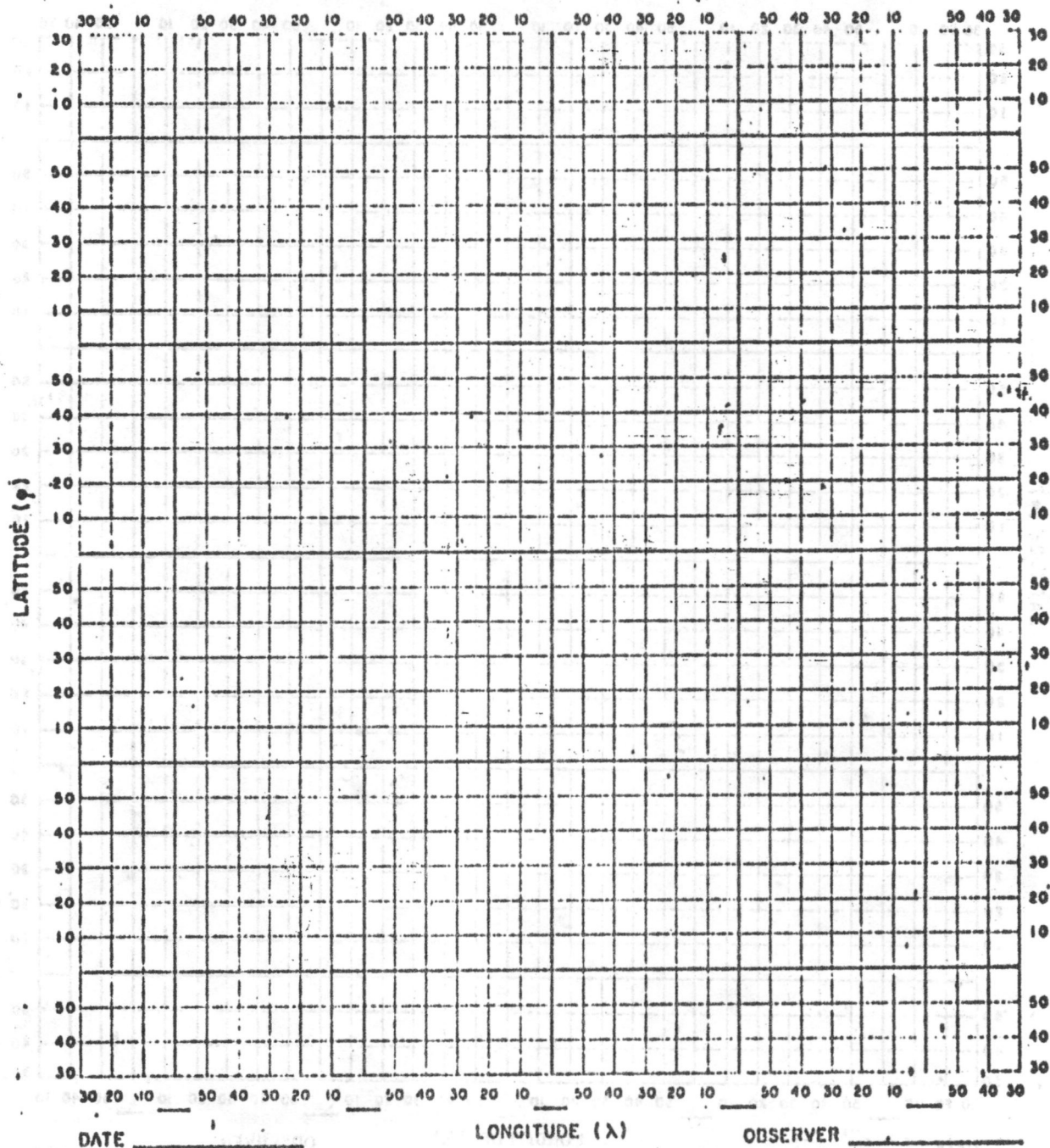
OFF AT 05 GMT
 INITIAL PEN AT FL 50

0620Z FIX 1559 6409 133 KT
 CLIMB EAST OF CENTER TO FL 100 AT 0645Z

LAST MARK IN EYE 1625.5 65-02.9

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