

1980410FL LPS

FLIGHT DATA LOG

FLIGHT: 80110F STORM: JEANNE

TIME: 101108 Z TO: 101847 Z

ON-BOARD LEAD PROJECT SCIENTIST: WILLACHIST

Flight summary (include status of instrumentation and recording equipment, as well as any problems, malfunctions or outages with approximate times):

FLY RECON JEANNE ATTEMPT
~~PARTIAL~~ BUTTERFLY AT 1500' LOST
AWDS AT ~1705Z RTB MADE 5
FIXES FLEW COMPLETE, ALTHOUGH
SOMEWHAT DISTORTED BUTTERFLY

DATA VOLUME

STANDARD METEOROLOGICAL TAPES: 2

FAST TAPES: 0

RADAR TAPES: DIGITAL 2 VIDEO 0 LF ☐ TA ☐ NO ☒

CLOUD PHYSICS/KNOLLENBERG TAPES: NO13

FORMVAR? ☐ FOIL? ☐

AXBT's? ☐ NO. of DROPS: 1403 PRINTOUT? ☐

OMEGA DROPWINDSONDES? ☐ NO. of DROPS: 1 ATTEMPT NC

NO. of CASSETTES PRINTOUT? ☐ STRIP CHARTS? ☐

PHOTOGRAPHY: VERTICAL? ☐ SIDE? ☐ NOSE? ☐

(IF KNOWN) RATE: RATE: RATE:

SEEDING MISSION? ☐ FROM THIS A/C? ☐ NO. of FLARES:

291 1701808PI

→ WD

$$PH = WD + 270$$

$$IF(PH > 360)$$

$$PH = PH - 360$$

RTN

Appendix I
Operational Checklists

FORM I-1 On-board Lead Project Scientist Checklist

DATE 10 Nov 80 AIRCRAFT 41C FLT 801110F

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>WILLOUGHBY</u>	Gust Probe	_____
Cloud Physics	_____	Omega Sonde	_____
AXBT	_____	Sys Eng	_____
Hot Film	_____	Data Tech	_____
Radar	<u>MAIZKS</u>	El Tech	<u>SCRICKEITZ</u>
Flt DIR/MET	<u>DARBY</u>	Other	_____

Time Off 101108Z Location MIA Time On 161847 Location MIA

B. Past and Forecast Storm Position - Observed Positions

<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>MSLP</u>
<u>10</u>	<u>122</u>	<u>22.5</u>	<u>86</u>	<u>11/10</u>	<u>125848</u>	<u>22.37</u>	<u>8520</u>	<u>999.35 KT</u>
_____	_____	_____	_____	<u>11/10</u>	<u>1343</u>	<u>2800</u>	<u>8540?</u>	<u>998</u>
_____	_____	_____	_____	<u>11/10</u>	<u>1501</u>	<u>22.52</u>	<u>8550</u>	<u>1001</u>
_____	_____	_____	_____	<u>11/10</u>	<u>1601</u>	<u>23-08</u>	<u>8603</u>	<u>999</u>
_____	_____	_____	_____	<u>11/10</u>	<u>1718</u>	<u>22-58</u>	<u>8600</u>	<u>N/A</u>

C. Mission Briefing

FLY RECON, BUTTERFLY ~ 1500 FT

D. Equipment Status

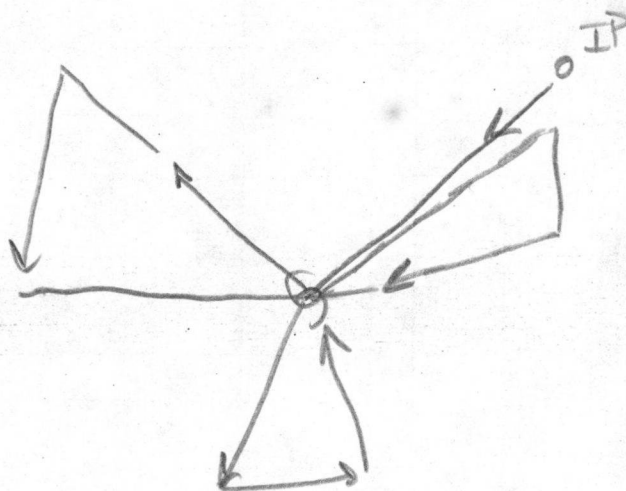
<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	↑	↑	↑	
Radar	↑	↑ ↓	↑	✓
Cloud Physics	NOI3			
Data Sys	↑	↑ ↓	↓	✓
Omega Sondes	↑		↑	
AXBT	NOI3			
Gust Probe	NOI3			
Hot Film	NOR			
Photography	↑		↑	

REMARKS *AWRS COMPUTER FAILED ON FINAL PENETRATION*
~ 1705Z, LAST FIX ROUGH.

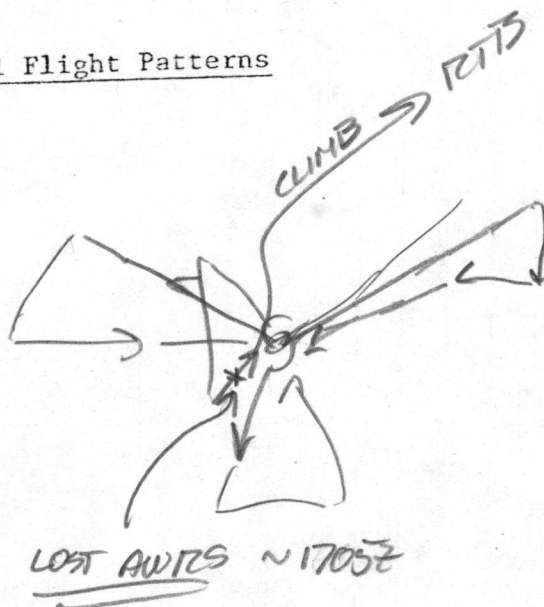
22-58.7 / 1718Z
 86-00.4

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E. Proposed Flight Patterns

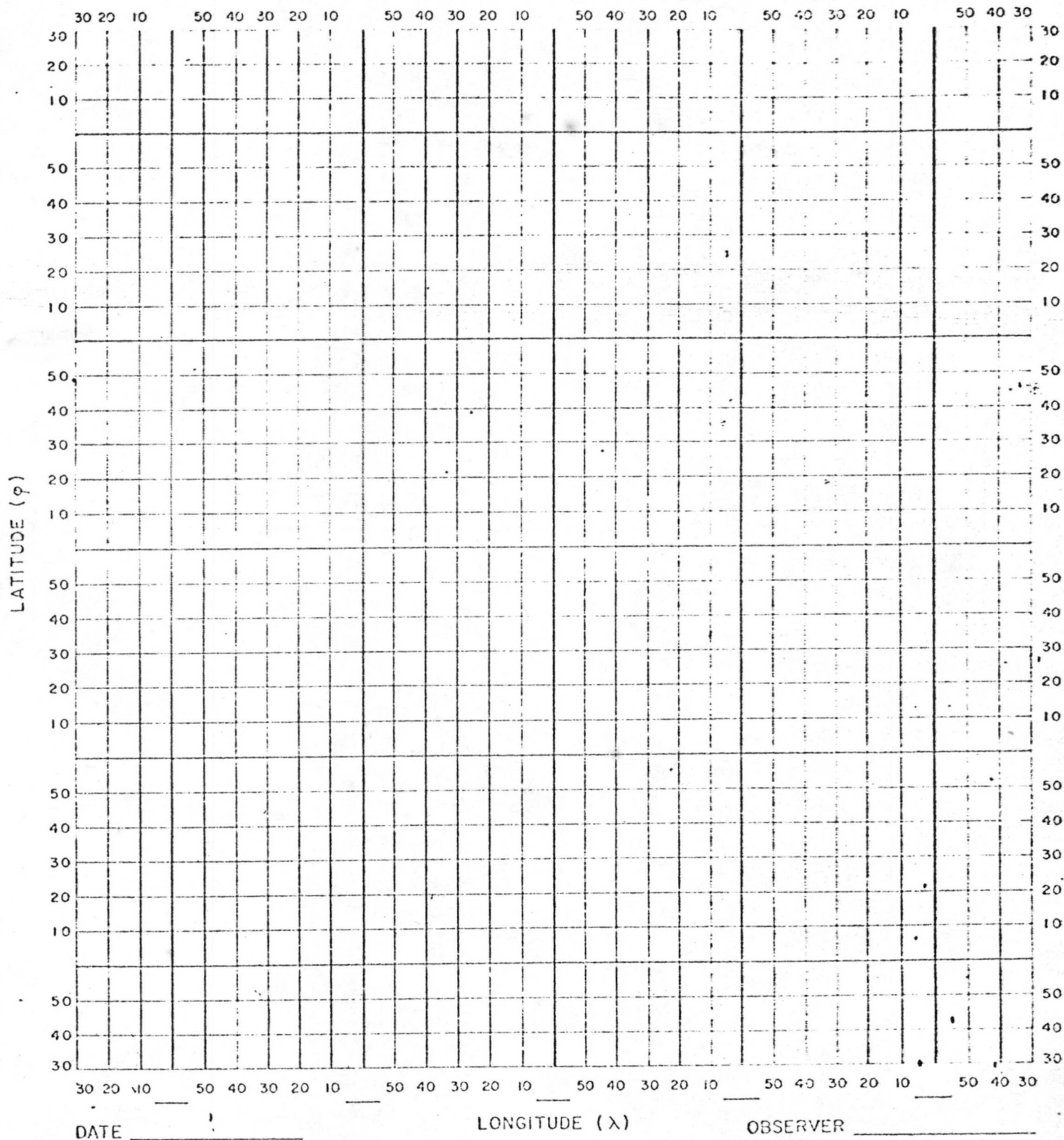


F. Actual Flight Patterns



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