

790904N

Appendix I

Operational Checklists

19790904N1-LPS

FORM I-1

On-board Lead Project Scientist Checklist

DATE 04 SEP 79AIRCRAFT NASA 712FLT 06

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>WILLIAM HIBY</u>	Gust Probe	
Cloud Physics		Omega Sonde	<u>DATZMAN</u>
AXBT		Sys Eng	
Hot Film		Data Tech	
Radar		El Tech	
Flt DIR/MET	<u>DETERSEN</u>	Other	

Time Off 1555Location MIA

Time On

Location

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Date	Time	Lat	Lon	MSLP
<u>04</u>	<u>1800</u>	<u>31.0</u>	<u>80.5</u>	<u>04</u>	<u>1703</u>	<u>3132</u>	<u>8057</u>	
				<u>04</u>	<u>1728</u>	<u>3120</u>	<u>8104</u>	
				<u>04</u>	<u>1815</u>	<u>3131</u>	<u>8102</u>	
				<u>04</u>	<u>1827</u>	<u>3134</u>	<u>8103</u>	<u>973</u>
				<u>04</u>	<u>1854</u>	<u>3136</u>	<u>8109</u>	
				<u>04</u>	<u>2025</u>	<u>3150</u>	<u>8111</u>	

C. Mission Briefing

FLY PATTERNS IV AND V AT 300 TO 310AND 350 TO 370

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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				
Data Sys	↑			
Omega Sondes	↑			
AXBT				
Gust Probe				
Hot Film				
Photography				

REMARKS

DROP 1
1703
3132
8057 W

DROP 4
~1815
3131
8102

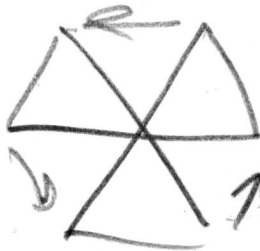
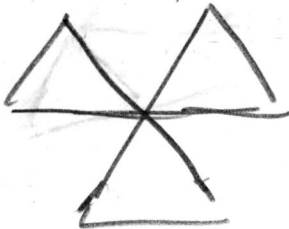
DROP 2
171524
32°00.8
79°51.3

DROP 5
~1842
8' → 1'

DROP 3
175027
3005
8020

DROP 6
1926
3145
7934

E. Proposed Flight Patterns

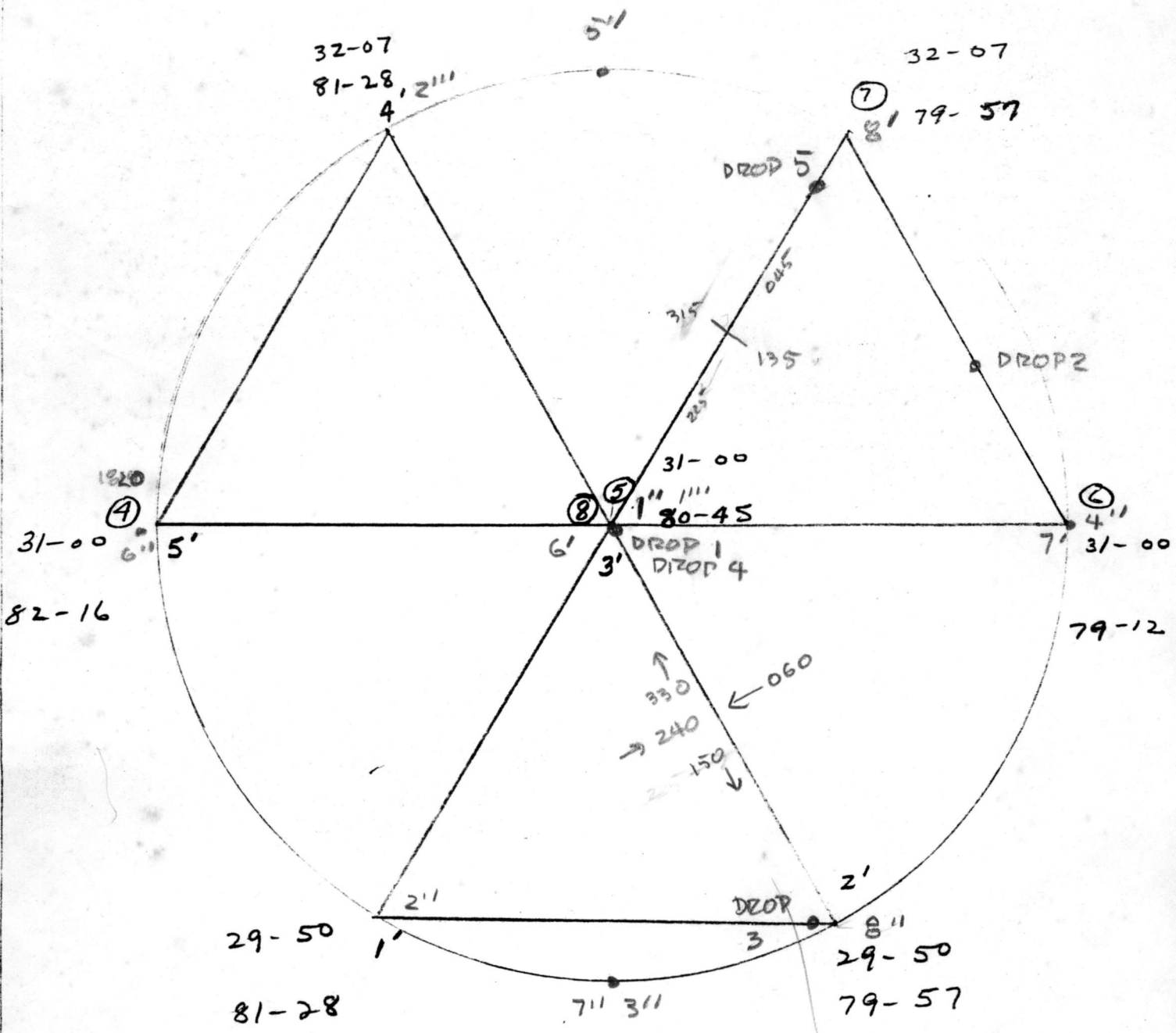


F. Actual Flight Patterns

SEE ATTACHED SHEETS

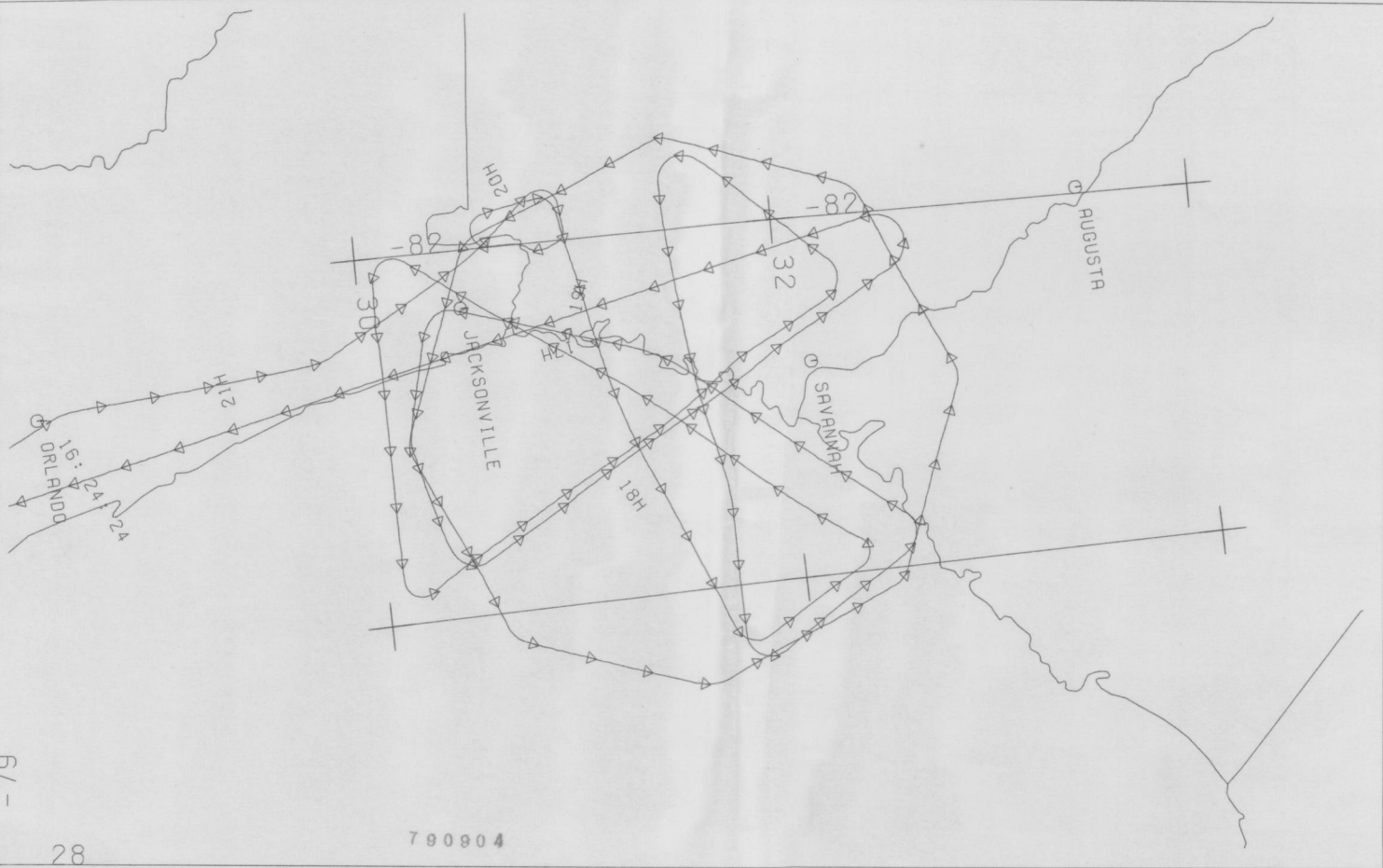
B.V.
FL 370

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FLIGHT PLAN . FLIGHT LOG AND PLANNING CHART FLIGHT LOG

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FLIGHT #6 SUMMER PROGRAM '79 HURRICANE DAVID
OVERLAY FOR JNC 45 ROTATED BY 80. -1: 0: 0 TO 48: 0: 0 UT. SCALE=1.20E+06 TIME TICS EVERY 2.00 MINUTES

$\times 10^1$

ROLL

-10.00 0.00 10.00 20.00 30.00 40.00

SATM

-180.00 -150.00 -120.00 -90.00 -60.00 -30.00

DFT-ARC

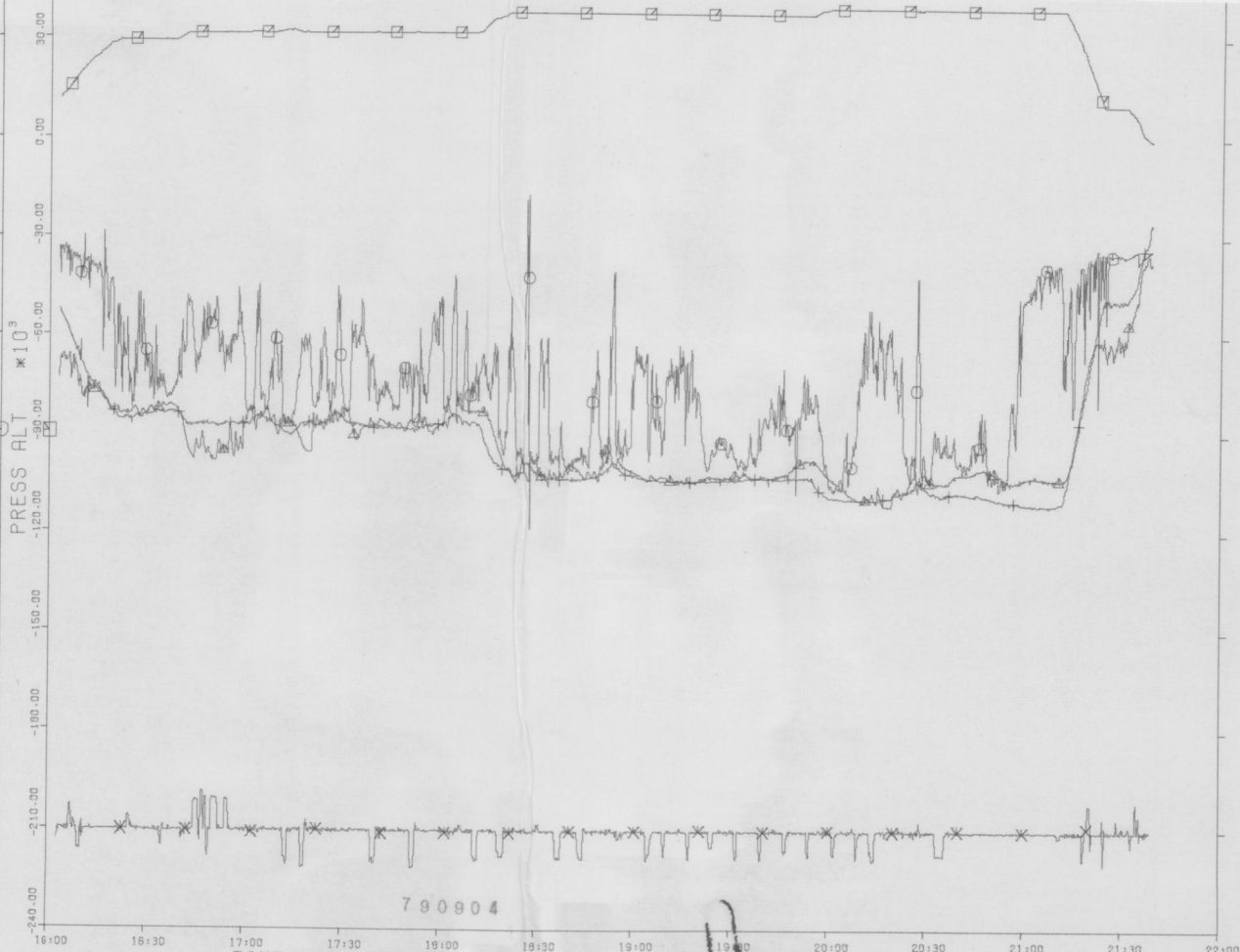
-180.00 -150.00 -120.00 -90.00 -60.00 -30.00

IR SUR TEM

-180.00 -150.00 -120.00 -90.00 -60.00 -30.00

PRESS ALT

-240.00 -210.00 -180.00 -150.00 -120.00 -90.00 -60.00 -30.00



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TIME UT DAY 247 FLIGHT 6 SUMMER PROGRAM 1979 (PLOT 2)

WIND SPEED

SIDESLIP

ROLL

PITCH

PRESS ALT

 $\times 10^1$ $\times 10^3$ 