

Operational Checklists

19800806 II. LPS

22
65135
12
15

FORM J-1

On-board Lead Project Scientist Checklist

DATE 8/6/80AIRCRAFT 43RFFLT 800806

A. Participants

Function
Lead Proj. Sci.ParticipantFunction
Gust ProbeParticipant

Cloud Physics

Omega Sonde

AXBT

Sys Eng

Hot Film

Data Tech

Radar

El Tech

Flt DIR/MET

Other

Pilot: Noble Co-P: Turner Eng: Cicerelli Nav: Shinkel

Time Off

Location

Time On

Location

B. Past and Forecast Storm Position - Observed Positions

Date	Time	Lat	Lon	Pm	Date	Time	Lat	Lon	MSLP
1731	8/6/80	19°55'	77°57'	955	150kt G/190				
1525		19°40'	78°14'	955					

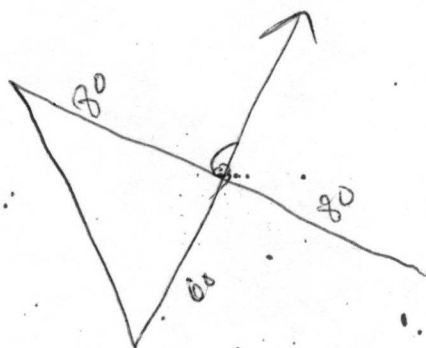
C. Mission Briefing

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

E. Proposed Flight Patterns



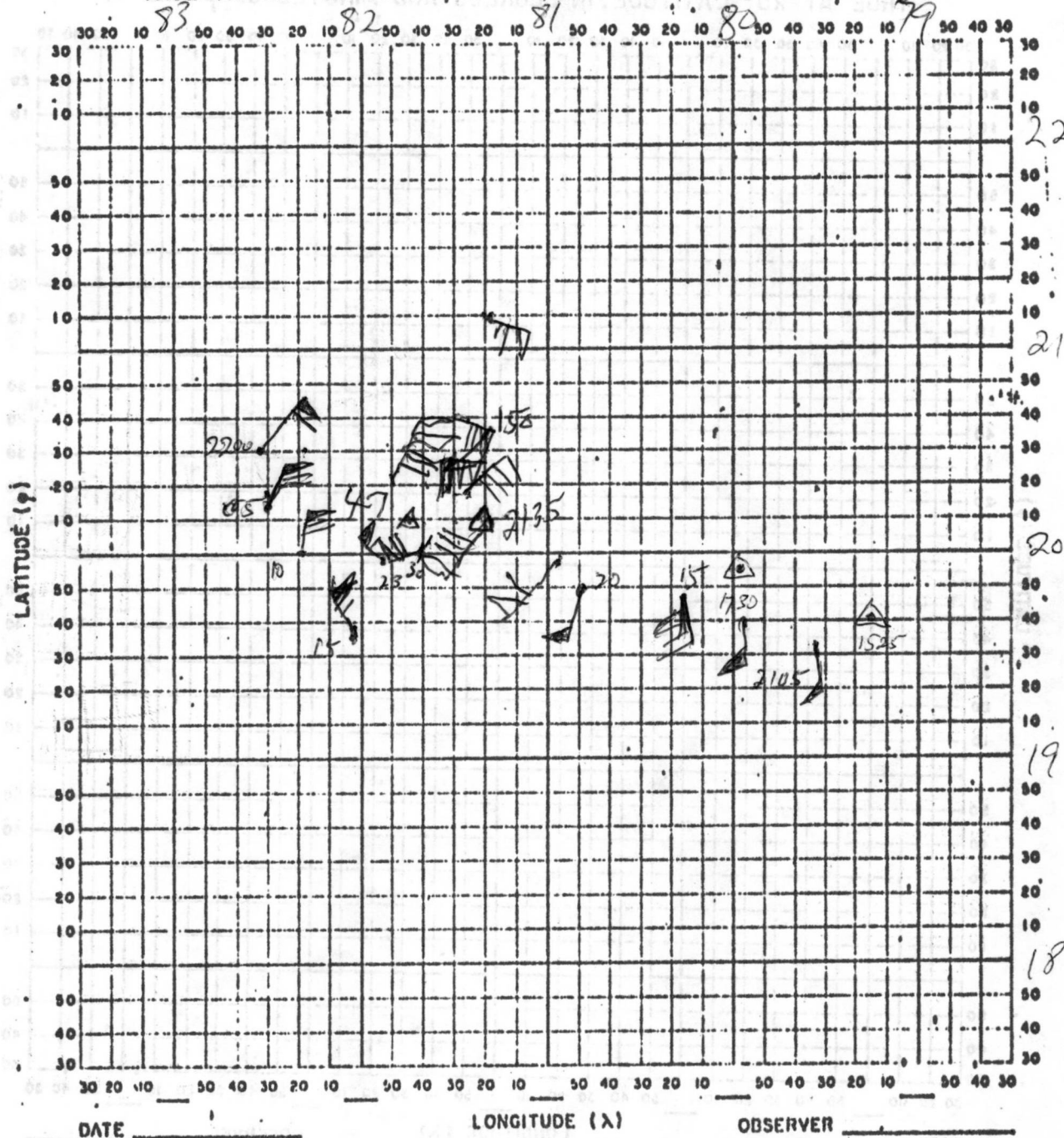
at 5 k

F. Actual Flight Patterns

$U_s = 20 \text{ kt}$

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

FLIGHT DATA LOG

FLIGHT: 800806 43RF STORM: Allen

TIME: _____ TO: _____

ON-BOARD LEAD PROJECT SCIENTIST: P. Black

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

operational fix responsibility
tail radar out

DATA VOLUME

STANDARD METEOROLOGICAL TAPES: 1

FAST TAPES: 2

RADAR TAPES: DIGITAL 5 VIDEO 1 LF ☒ TA ☒ NO ☒

CLOUD PHYSICS/KNOLLENBERG TAPES: 8

FORMVAR? ☒ FOIL? ☒

AXBT's? ☒ NO. of DROPS: _____ PRINTOUT? ☒

OMEGA DROPWINDSONDES? ☒ NO. of DROPS: _____

NO. of CASSETTES _____ PRINTOUT? ☒ STRIP CHARTS? ☒

PHOTOGRAPHY: VERTICAL? ☒ SIDE? ☒ NOSE? ☒

(IF KNOWN) RATE: _____ RATE: _____ RATE: _____

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