

On-board Lead Project Scientist Checklist

DATE 9/12/81 AIRCRAFT 43RF FLT 810912I

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>P Black</u>	Gust Probe	_____
Cloud Physics	<u>R Black</u>	Omegasonde	_____
AXBT	_____	Sys Eng	<u>DUGRANT</u>
Hot Film	_____	Data Tech	<u>DARBY</u>
Radar	_____	EI Tech	_____
Flt Dir/Met	<u>McFadden</u>	Other	_____
Take Off	<u>0559</u>	Location	<u>MIA</u>
		Landing	Location

B. Past and Forecast Storm Position

<u>Date</u>	<u>Time</u>	<u>Latitude</u>	<u>Longitude</u>	<u>MSLP</u>
<u>009/12</u>	<u>002</u>	<u>36.9</u>	<u>69.2</u>	<u>989</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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	43			
Radar	No only			
Cloud Physics	✓			
Data Sys	✓			
Omegasondes				
AXBT				
Gust Probe				
Hot Film				
Photography	✓			

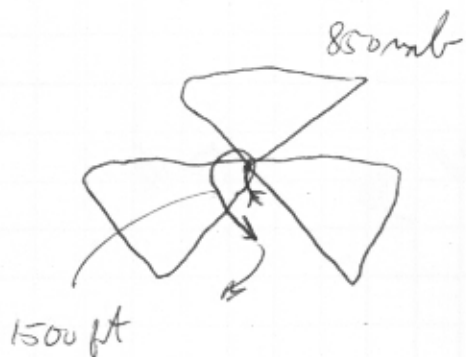
REMARKS

E. Proposed and ~~Actual~~ Flight Patterns



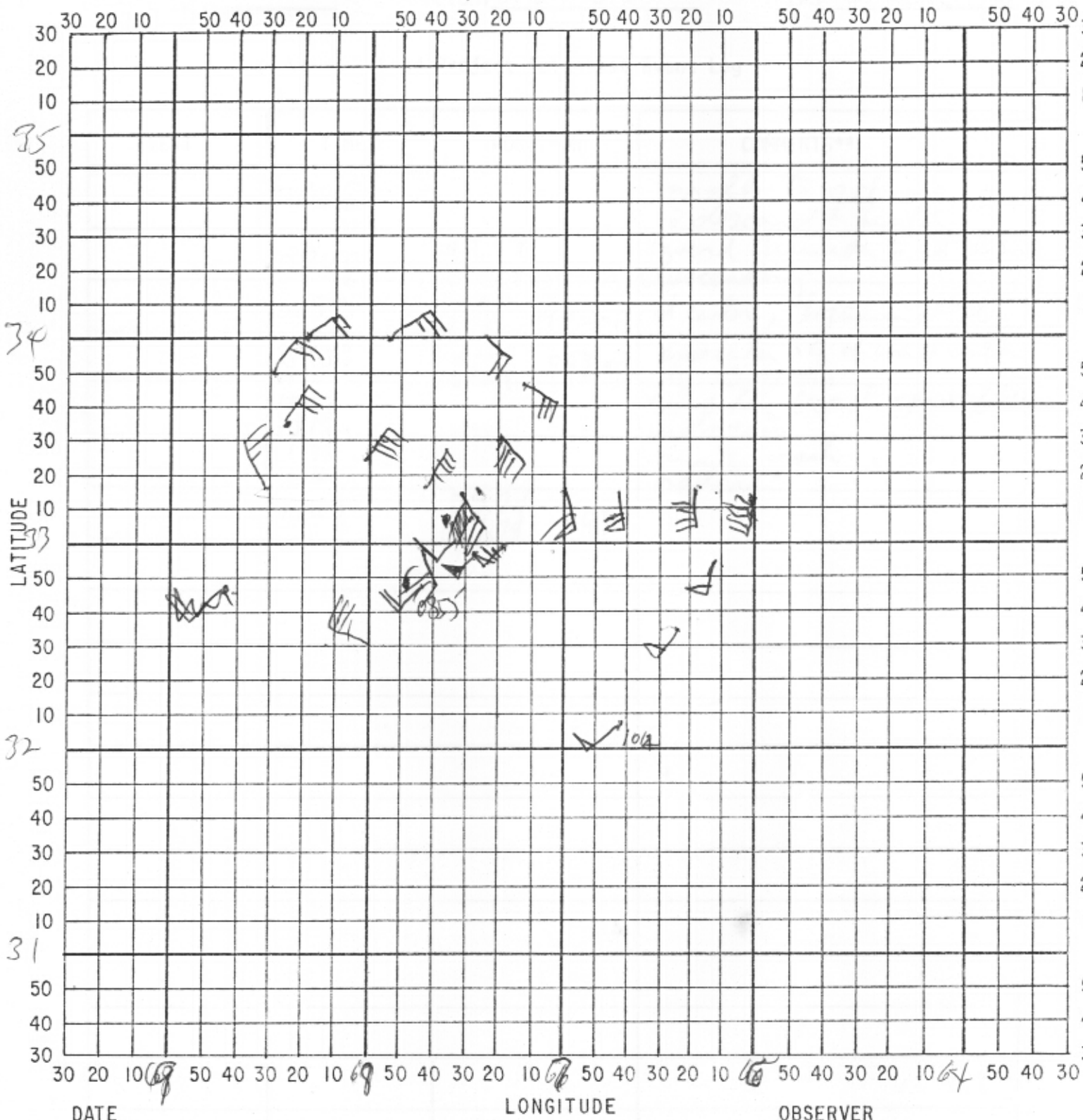
once

T_c Actual



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

DATE _____

FLIGHT 810912I

LPS Black

Lead Project Scientist Event Log

EVENT	TIME*	POSITION	COMMENTS**
	0843		Unable to get clearance to descend - heading toward Bermuda to get closer
	0848	82.49 67.61	descending
	0859	32.82 67.81 992mb	at center, beginning 1st log
	0953	33.11 67.64 993MB	press center SE of wind center by 10 m. mi.
	1008 1012		Computer crash - power failure up again
	1038 1040		computer crash restart
	1649	33.24 67.38 992	

*Log times of all significant altitude changes, turns, and eye fixes
**New altitude, heading, center position, etc.