

APPENDIX I.

OPERATIONAL CHECKLISTS

FORM I-1

Onboard Lead Project Scientist CHECKLIST

DATE 22 SEPTEMBER 1977 AIRCRAFT 41CFLT TROPICAL DISTURBANCE
SOUTH OF SJU

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>BURPEE</u>	Gust Probe	
Cloud Physics	<u>WILLIS</u>	Omega Sonde	
AXBT		Sys Eng	<u>SCHRICKER</u>
Hot Film		Data Tech	<u>POWELL</u>
Radar	<u>NUNN</u>	El Tech	<u>CALVERT</u>
Flt DIR/MET	<u>DARBY</u>	Other	

Time Off 1505Location SJUTime On 2303 Location SJU

B. Past and Forecast Storm Position - Observed Positions

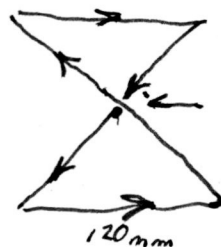
<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>MSLP</u>
—	—	—	—	—	—	—	—	—
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C. Mission Briefing

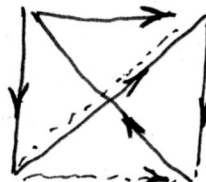
WORK AREA NEAR 17N, 68W - TWO ~~CL~~ LARGE BUTTERFLY
AND TWO CLOUDLINE - ONE OF EACH AT 18,000 AND 24,000 FT.

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E. Proposed Flight Patterns



18,000 & 24,000 FT.



18,000 & 24,000 FT

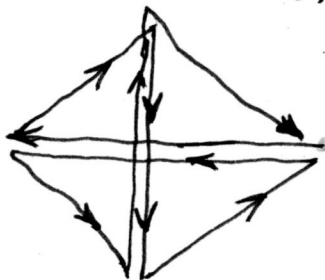
F. Actual Flight Patterns

BOTH BUTTERFLY PATTERNS FLOWN,

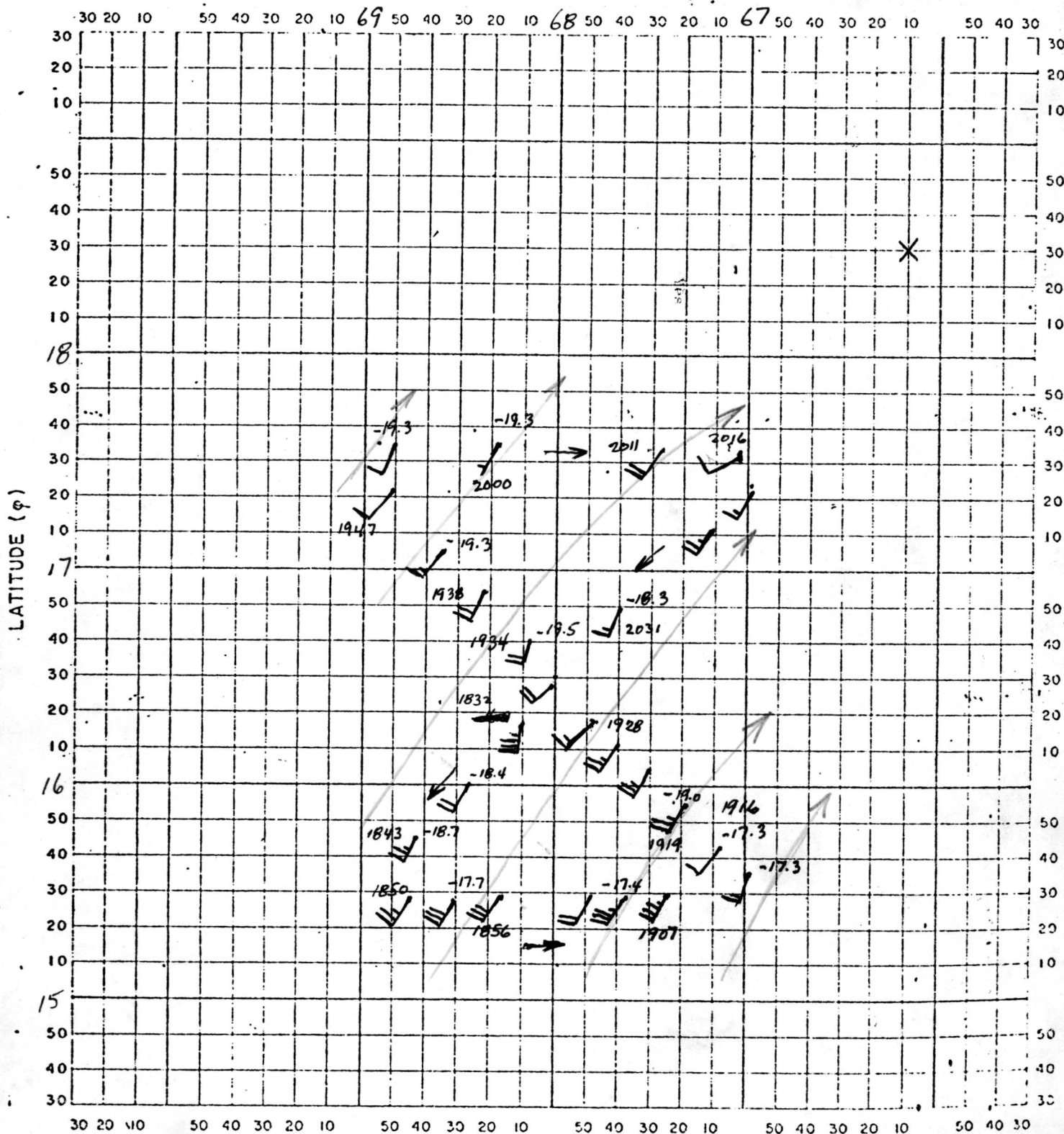
1) 18,000 FT CENTRAL POINT 17°N, 68°W

2) 24,000 FT " " 16°30'N, 68°N

CLOUDLINE - ONE PATTERN AT 18,000 FT
CENTRAL POINT 16°40'N 69°30'W



HURRICANE RECCO PLOTTING CHART

TRUE AT 25° LATITUDE, IN DEGREES AND MINUTES OF ϕ AND λ DATE 22 SEPT 1977LONGITUDE (λ)OBSERVER BURPEE

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

24,000 FT

