

Appendix J

Operational Checklists

FORM J-1

On-board Lead Project Scientist Checklist

DATE 8/6/00

AIRCRAFT 42RF

FLT 8008

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>SHBETS</u>	Gust Probe	<u>N/A</u>
Cloud Physics	<u>R. BLACK</u>	Omega Sonde	<u>Zysko</u>
AXBT	<u>N/A</u>	Sys Eng	<u>SIMS</u>
Hot Film	<u>N/A</u>	Data Tech	<u>Lembrecht</u>
Radar	<u>PARRISH / Lebow</u>	EI Tech	<u>Conners</u>
Flt DIR/MET	<u>Rosky</u>	Other	<u></u>

Time Off ~1645 Z Location M/A

Time On _____ Location _____

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

Aircraft - 43RF at 5000 FT R.A.
41C at 12000 FT P.A.
42RF at 18,000 FT - 20,000 FT P.A.
Fly Pattern II

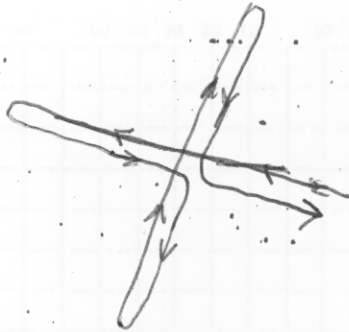
D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	OK	OK	OK	
Radar				
Cloud Physics				
Data Sys				
Omega Sondes				
AXBT	N/A	—		
Gust Probe	N/A	—		
Hot Film	N/A	—		
Photography				

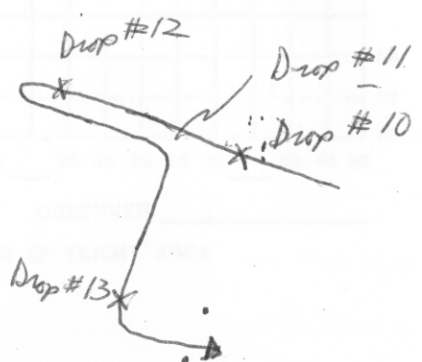
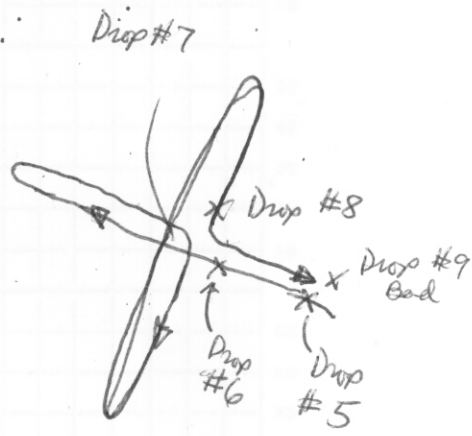
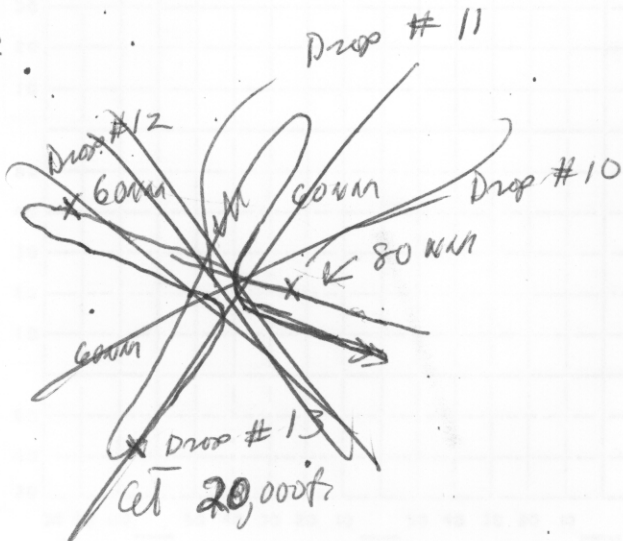
REMARKS

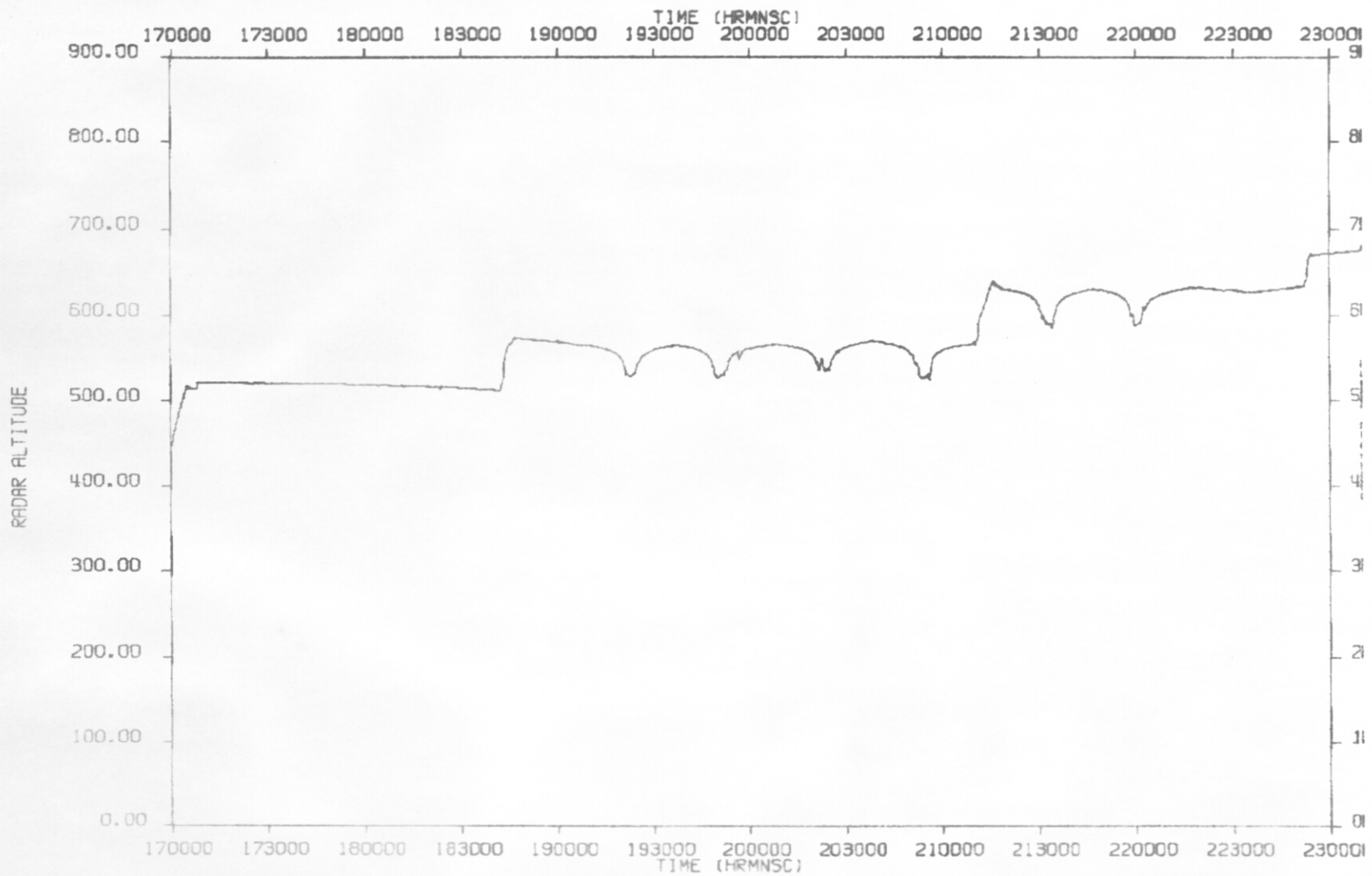
Suffered lightning strike ~ 2220Z. Pounding sound on lower fuselage. Returning to Miami. Some sondes giving problems but most seem to have good winds

E. Proposed Flight Patterns



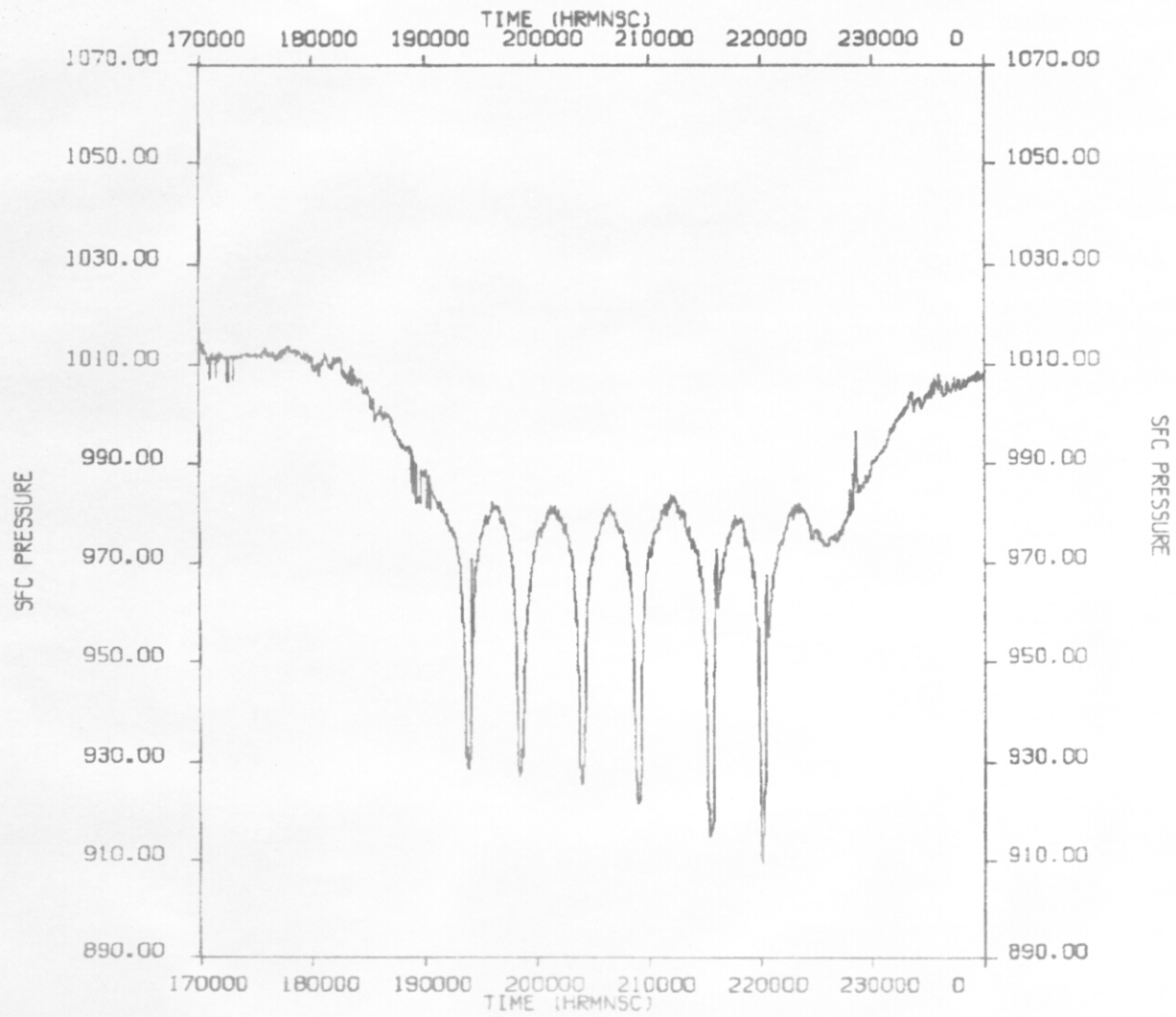
F. Actual Flight Patterns





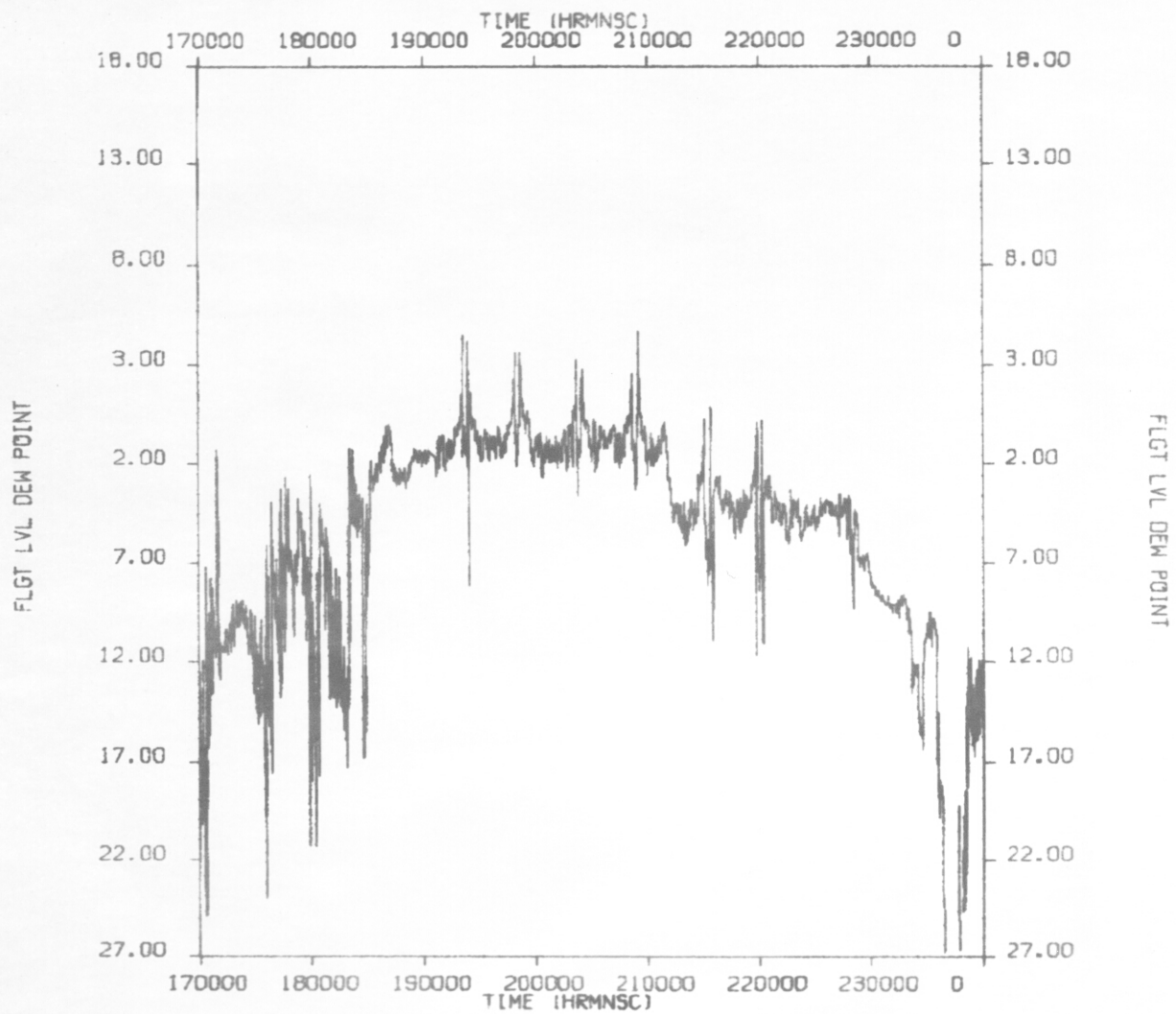
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DATE RUN= 810310



FLIGHT 10=800808H

DATE RUN= 810310

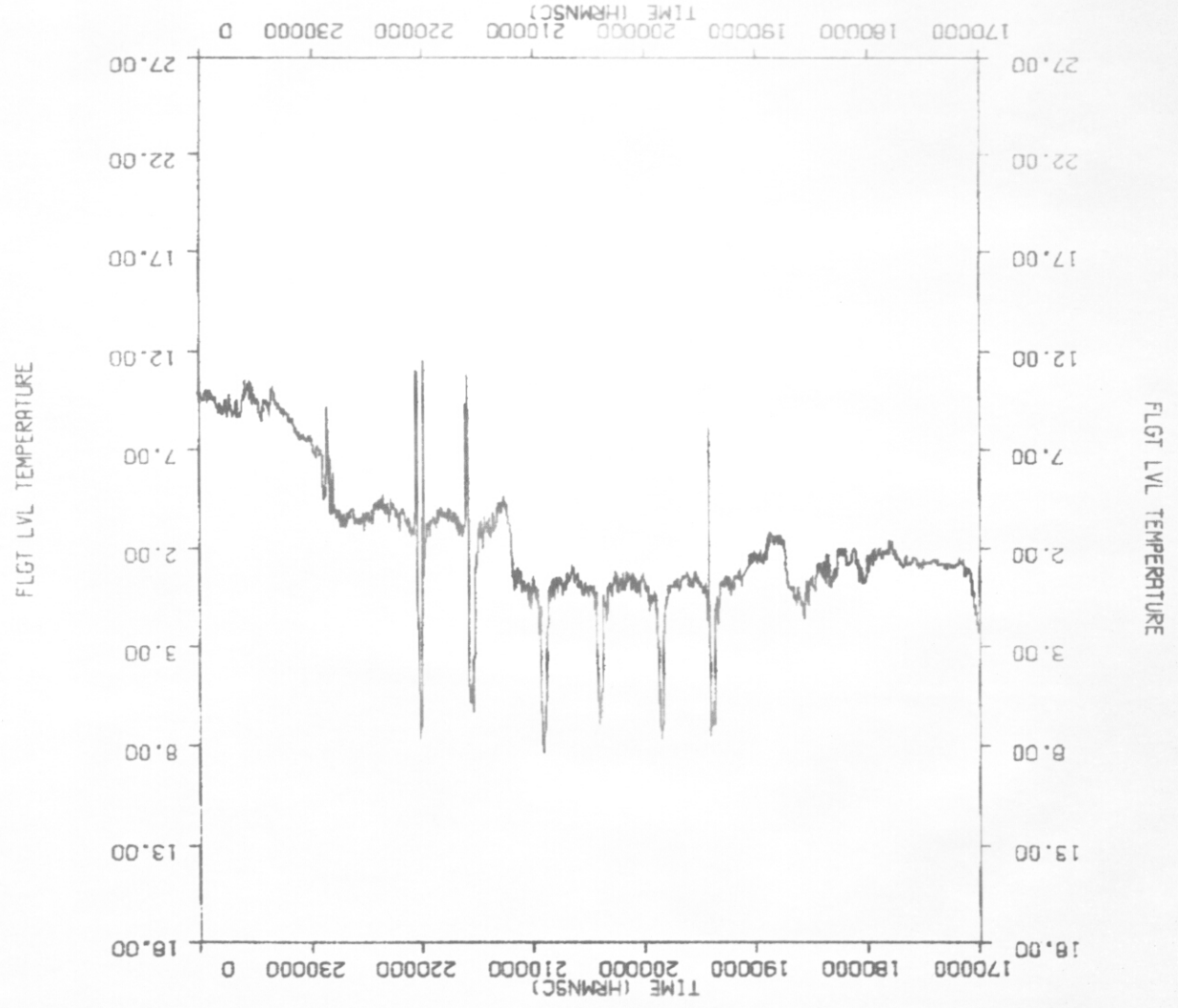


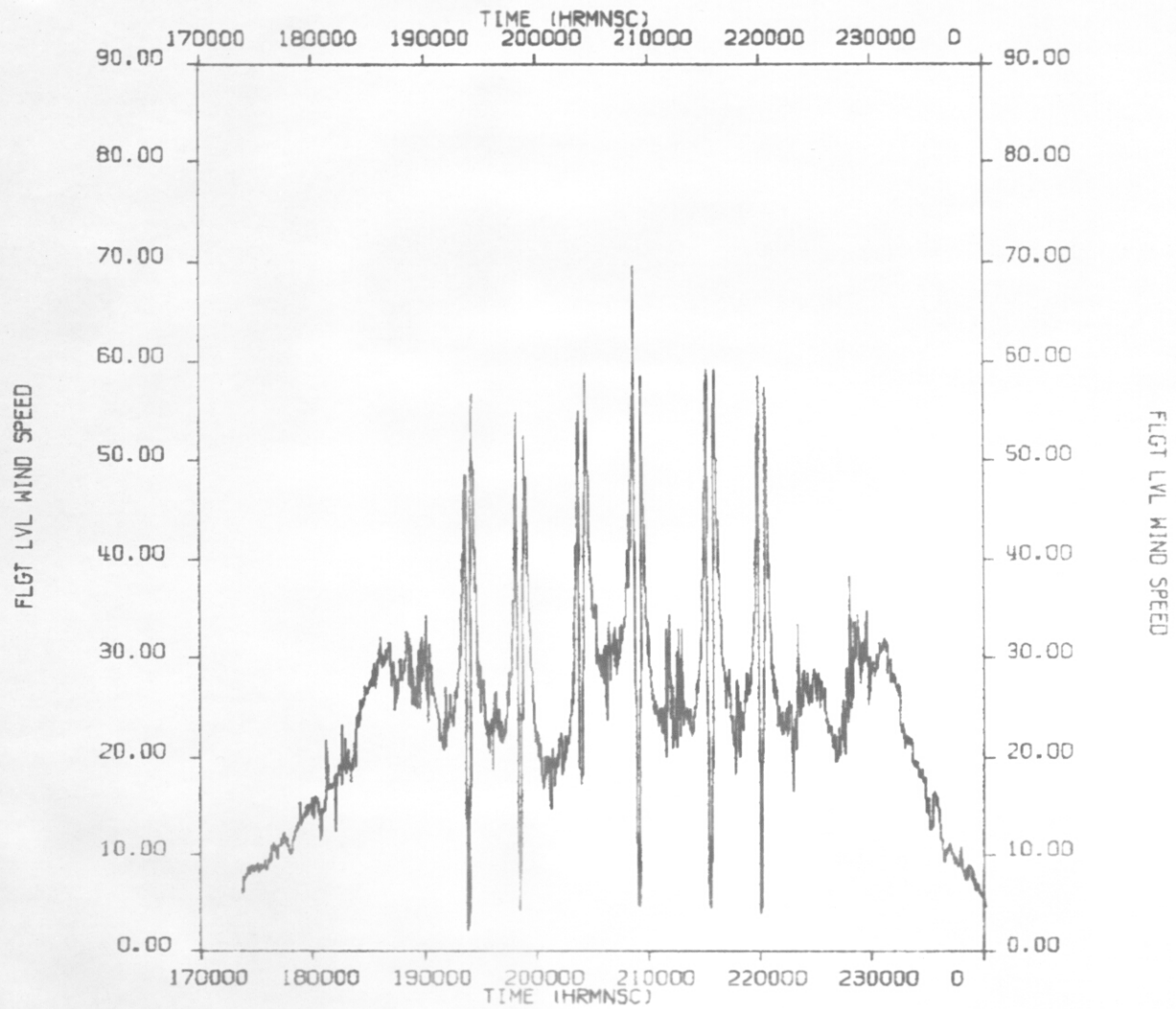
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