

Appendix J  
Operational Checklists

FORM J-1

On-board Lead Project Scientist Checklist

DATE 8/9/80 + 8/10/80 AIRCRAFT 42RF FLT 800809H

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>SHEELS</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>Lambert</u>
Radar	<u>PARRISH / GOLDENBERG</u>	El Tech	<u>CONNOR</u>
Flt DIR/MET	<u>Rosby</u>	Other	<u>ROSENFELD</u>

Time Off 9/2345Z Location MIA Time On 10/10Z Location MIA

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

Track along coast ~ 100 NM North of center - 60-80 NM east of center and 60 NM south of center

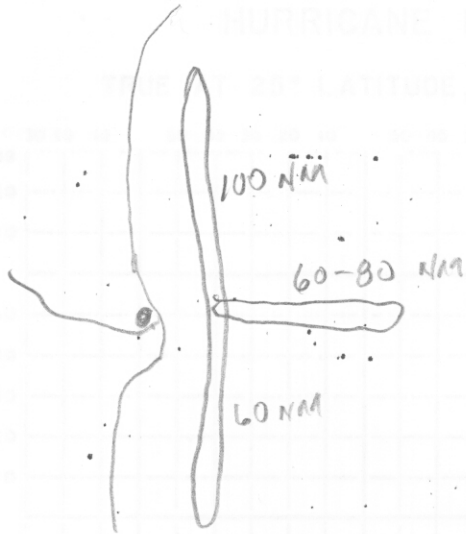
D. Equipment Status

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

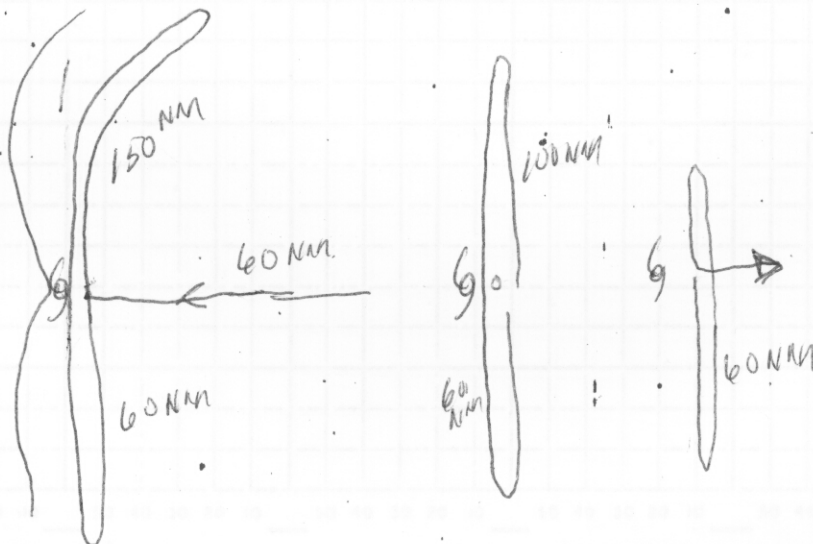
REMARKS

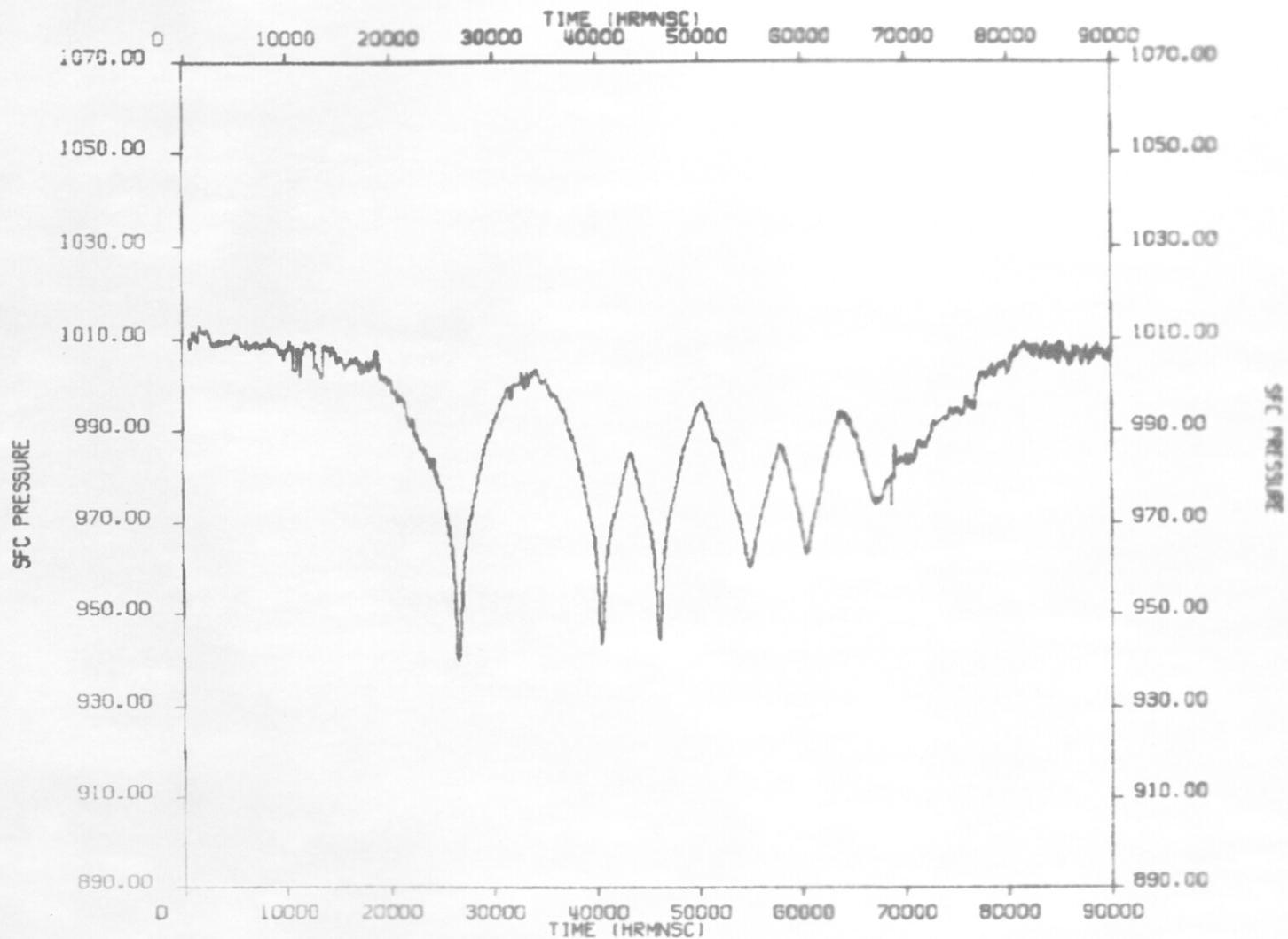
Spoking on radar - system reloaded 10/0045Z  
 Dropped 15 sondes. Seven enroute.  
 Three in eye, Remainder along coast North and South  
 of storm.

E. Proposed Flight Patterns



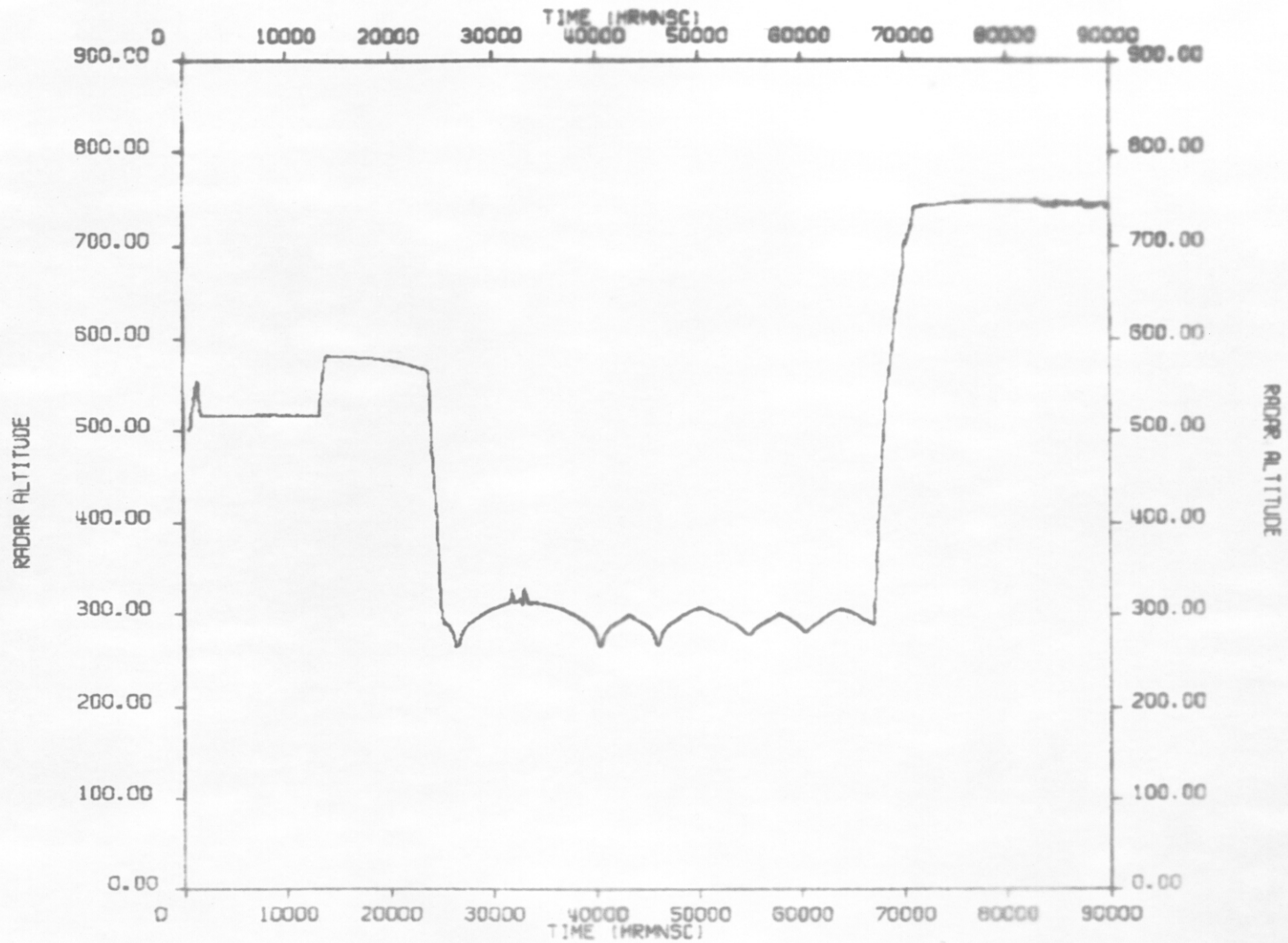
F. Actual Flight Patterns





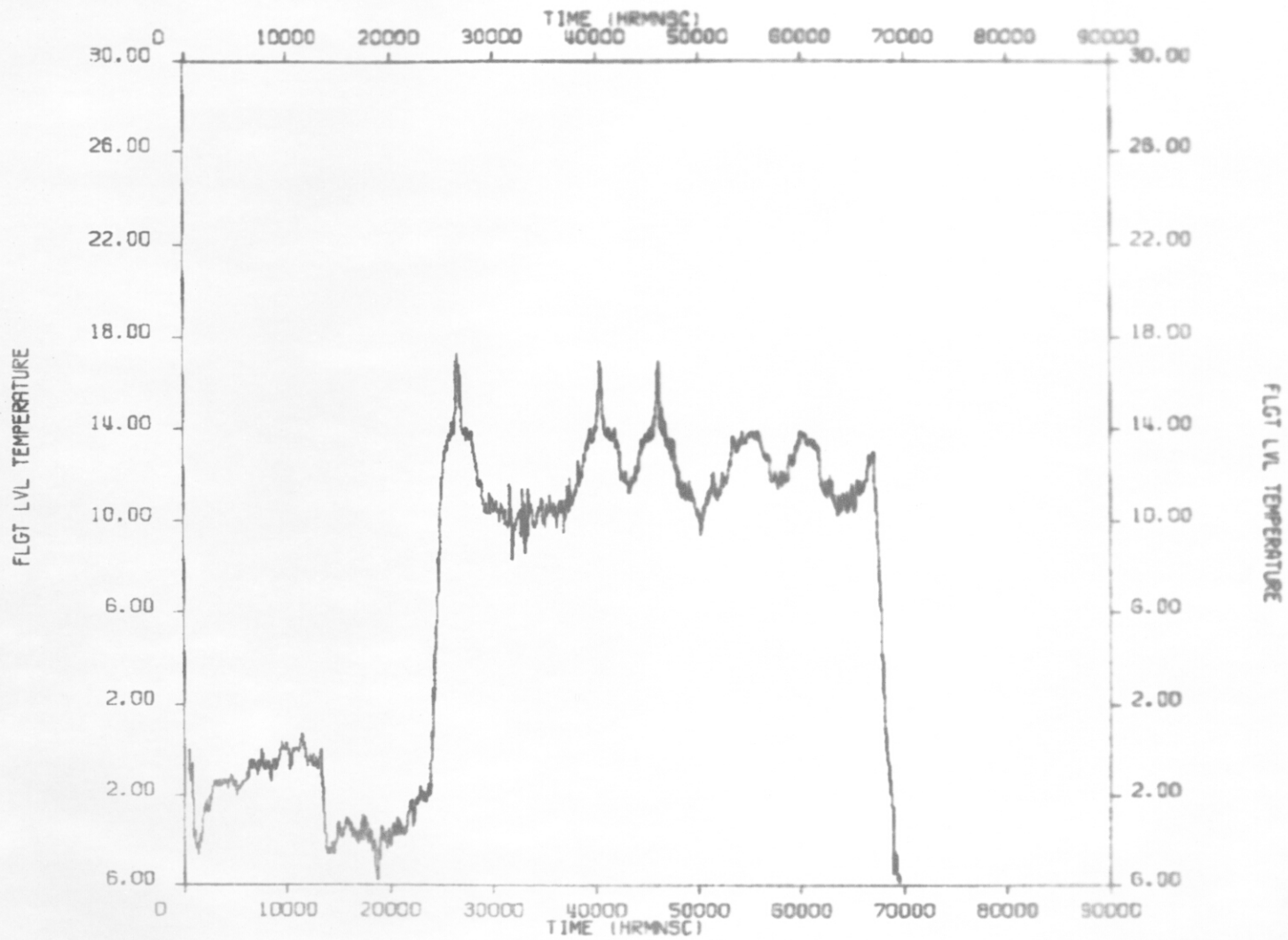
FLIGHT ID=800809H

DATE RUN= 810318



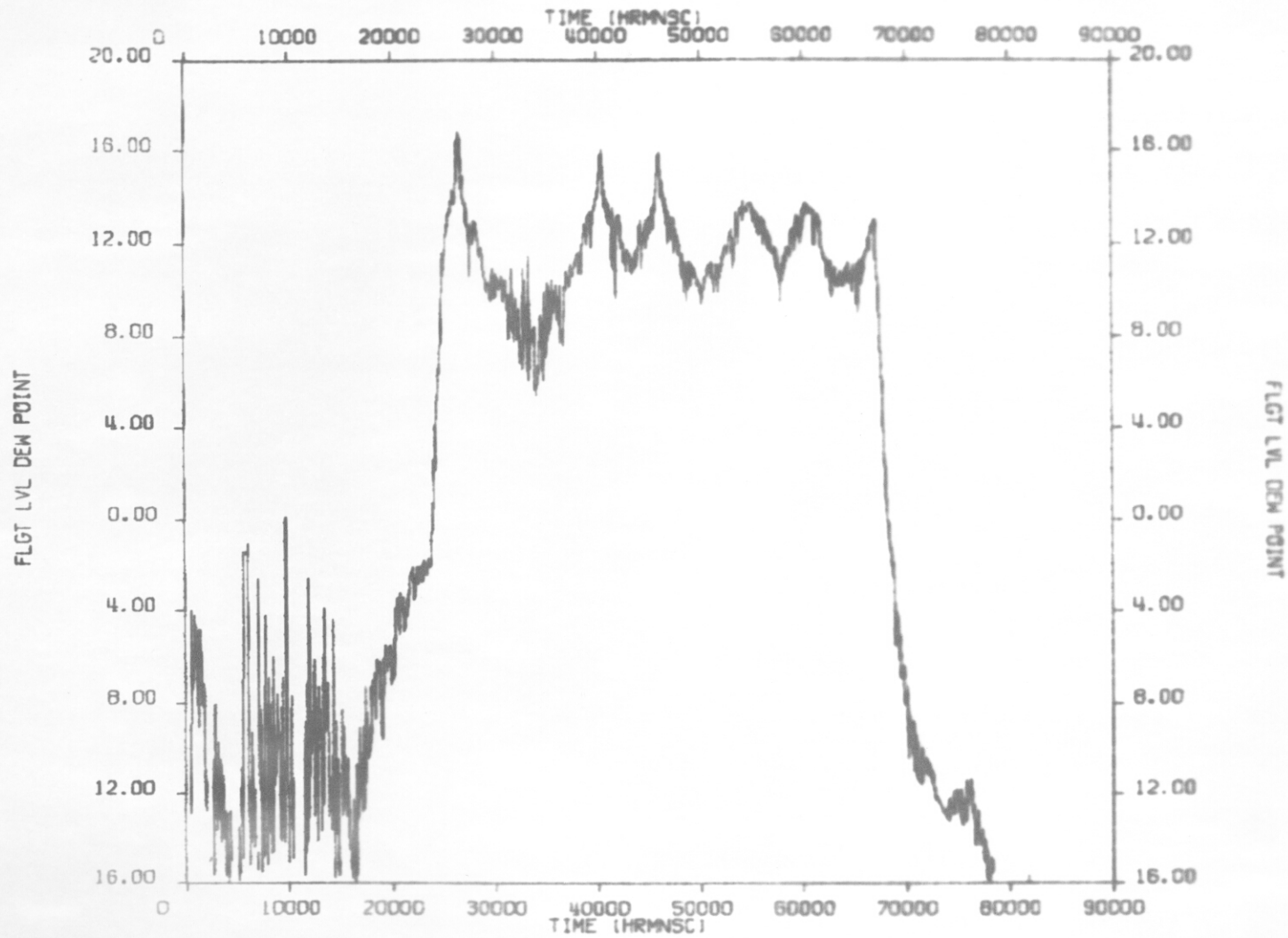
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DATE TIME= 810318



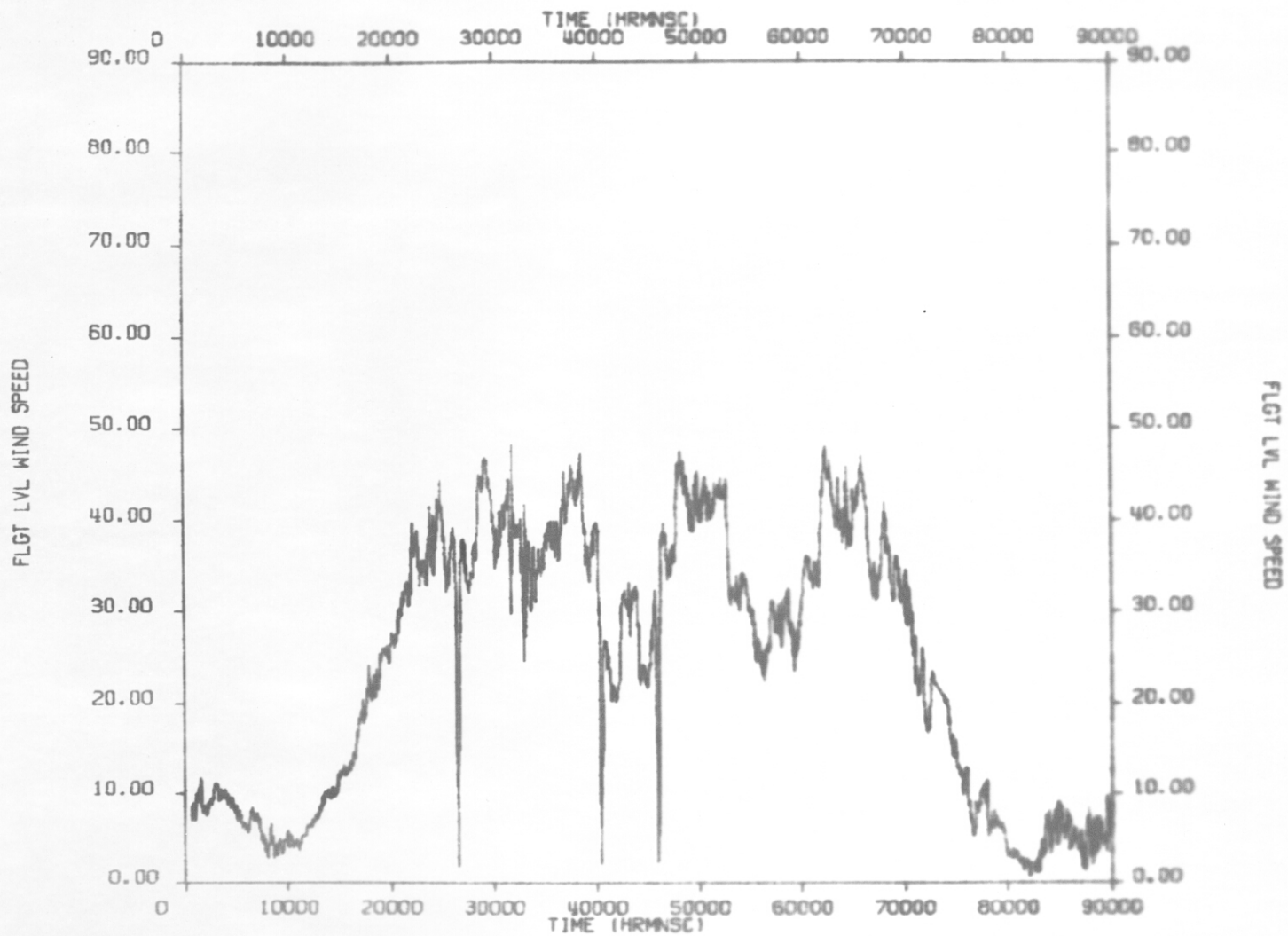
FLIGHT ID=800809H

DATE RUN= 810318



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DATE RUN= 810318



