

Appendix I
Operational Checklists

FORM I-1 On-board Lead Project Scientist Checklist

DATE 9-10 Ave 1980 AIRCRAFT 43 RF FLT 800809 I

A. Participants

<u>Function</u>	<u>Participant</u>	<u>Function</u>	<u>Participant</u>
Lead Proj. Sci.	<u>WILLOUGHBY</u>	Gust Probe	_____
Cloud Physics	_____	Omega Sonde	_____
AXBT	_____	Sys Eng	_____
Hot Film	_____	Data Tech	_____
Radar	<u>MATIAS/HAWKINS</u>	El Tech	_____
Flt DIR/MET	<u>DAVIS</u>	Other	_____
<u>OBSERVER</u>	<u>ZIPSEL</u>		

Time Off 091626 Location NOR Time On 100207 Location NOR

B. Past and Forecast Storm Position - Observed Positions

<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>SEE ITEM F</u>				
				<u>Date</u>	<u>Time</u>	<u>Lat</u>	<u>Lon</u>	<u>MSLP</u>
<u>09</u>	<u>1110</u>	<u>25°14'</u>	<u>95°11'</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

C. Mission Briefing

FLY N-E, S, X PATTERN GET 18, 21, & 00 FIXES
AT 10000 FT. RECOVER NOR OR MIA AS PRACTICABLE

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft ²	↑	↑	↑	_____
Radar ³	↑	↑	↑	_____
Cloud Physics ¹	↓			_____
Data Sys	↑	↑	↑	_____
Omega Sondes				_____
AXBT ¹	↓			_____
Gust Probe				_____
Hot Film				_____
Photography				_____
_____				_____
_____				_____

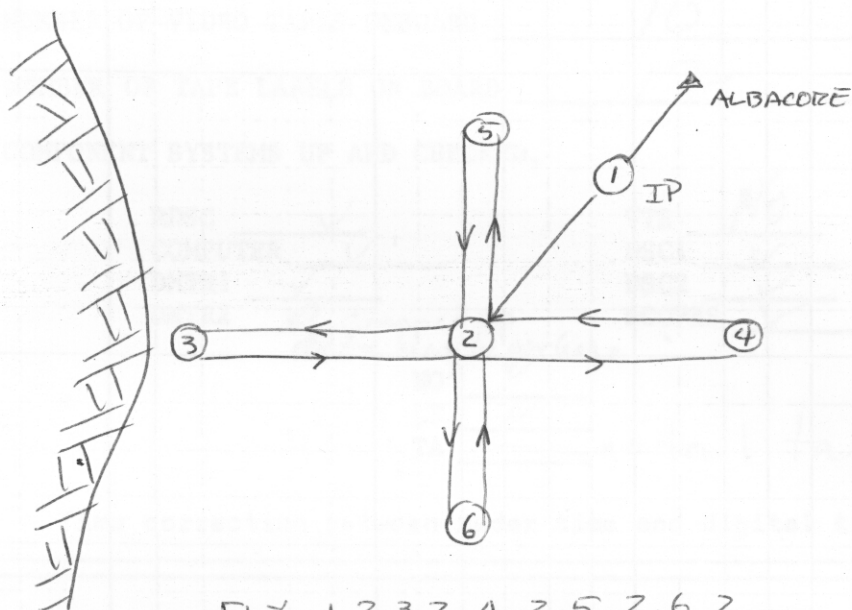
REMARKS

¹ NO EXTENDABLES

² NO Ω UPDATE ON INE

³ TAPE DRIVE #2 FOR RADAR MAY BE WRITING GARBAGE. USES TAPE AT TWICE THE ADVERTISED RATE

E. Proposed Flight Patterns



FLY 1,2,3,2,4,2,5,2,6,2...

OMIT OR SHORTEN 2 → 3 → 2 LEG:
AS STORM APPROACHES COAST

F. Actual Flight Patterns

ALBACORE	1734				5	100005			
1-IP	~1758				2	0022	25.69	96.69	934
2	1809	23.39	96.16	925	4	0041			
3	1820					RTB			
2	1830	NO POS							
4	1851								
2	1912	25.47	96.20	924					
5	1933								
2	1955	25.55	96.23	(BAD)					
6	2015								
2	2036	25.65	96.41	(BAD)					
3									
2	2051	25.65	96.30	932 (BAD)					
4	~2112								
2	2132	25.69	96.39						
5	2154								
2	2112	25.72	96.56	930					
6	2131								
2	2152	25.70	96.59	932					
3	2256								
2	2301	NO POS							
4	2322								
2	2344	25.69							

FLIGHT DATA LOG

FLIGHT: 800809I STORM: ALLEN
TIME: 09/1626 TO: 10/0207
ON-BOARD LEAD PROJECT SCIENTIST: WILLOUGHBY

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

TAIL RADAR NOB DMTR 2 FLKEY

DATA VOLUME

STANDARD METEOROLOGICAL TAPES: _____

FAST TAPES: _____

RADAR TAPES: DIGITAL 10 VIDEO 0 LF TA NO
CASSETTES

CLOUD PHYSICS/KNOLLENBERG TAPES: _____

FORMVAR? FOIL?

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

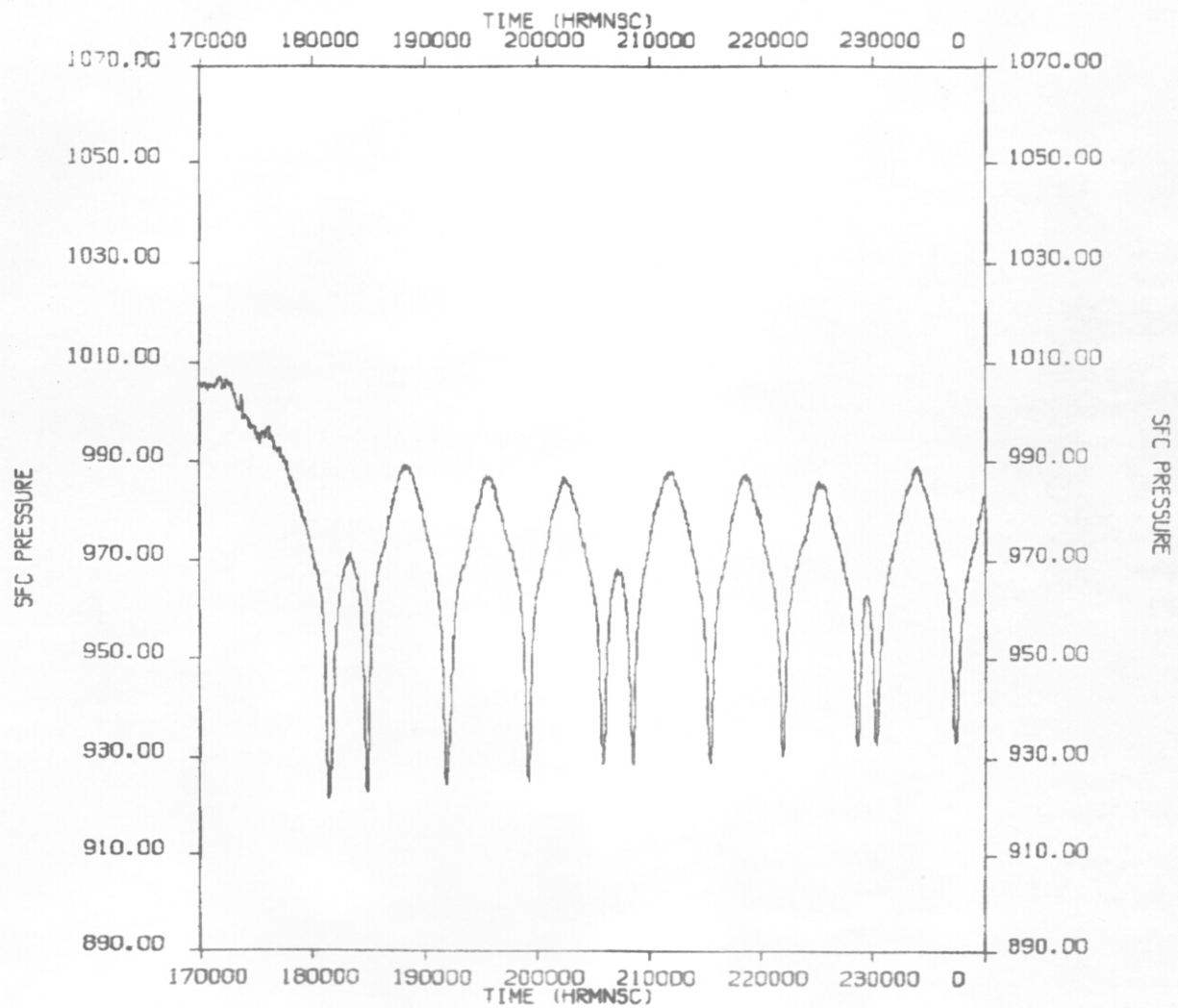
OMEGA DROPWINDSONDES? NO. of DROPS: _____

NO. of CASSETTES _____ PRINTOUT? STRIP CHARIS?

PHOTOGRAPHY: VERTICAL? SIDE? NOSE?

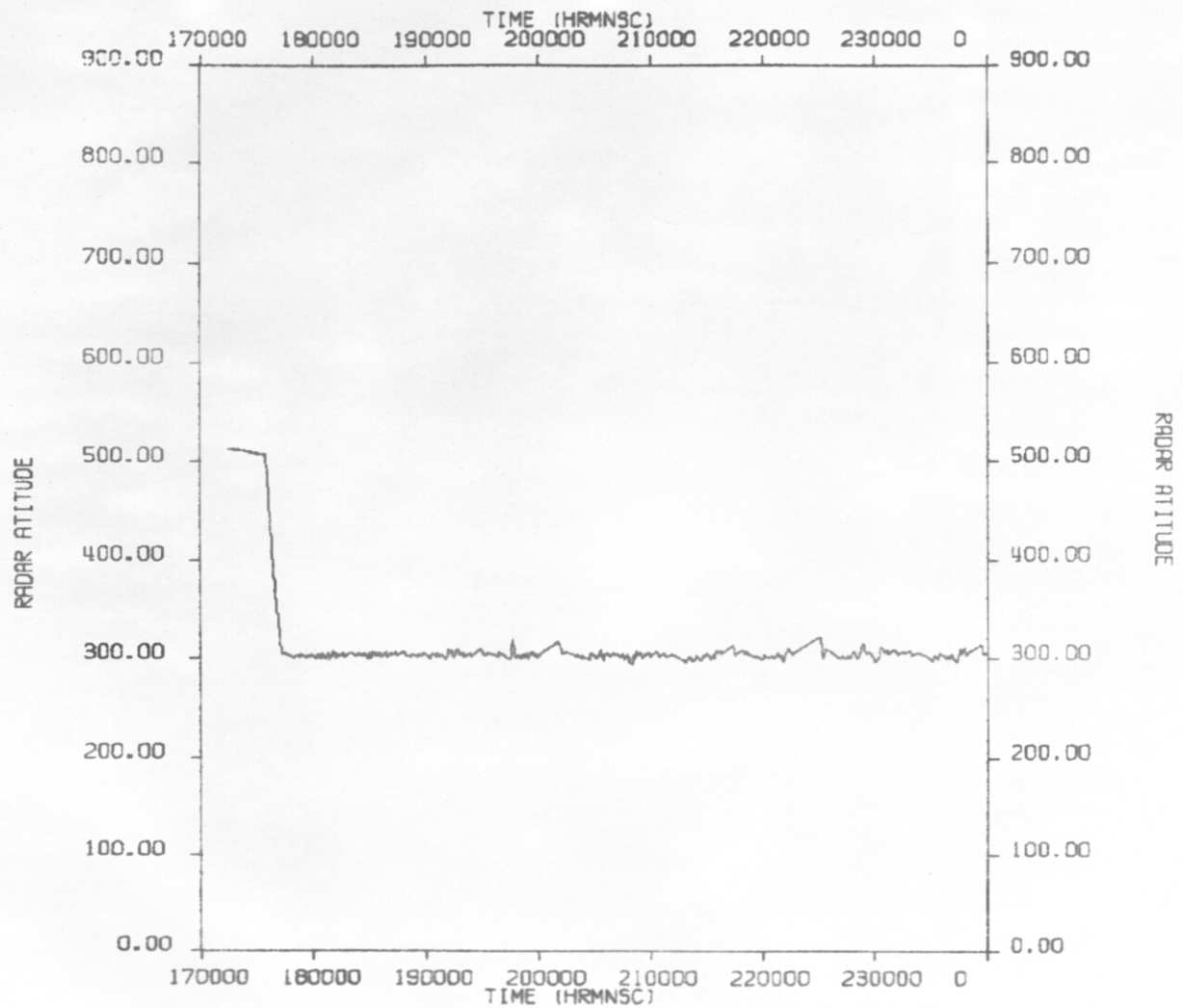
(IF KNOWN) RATE: _____ RATE: _____ RATE: _____

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



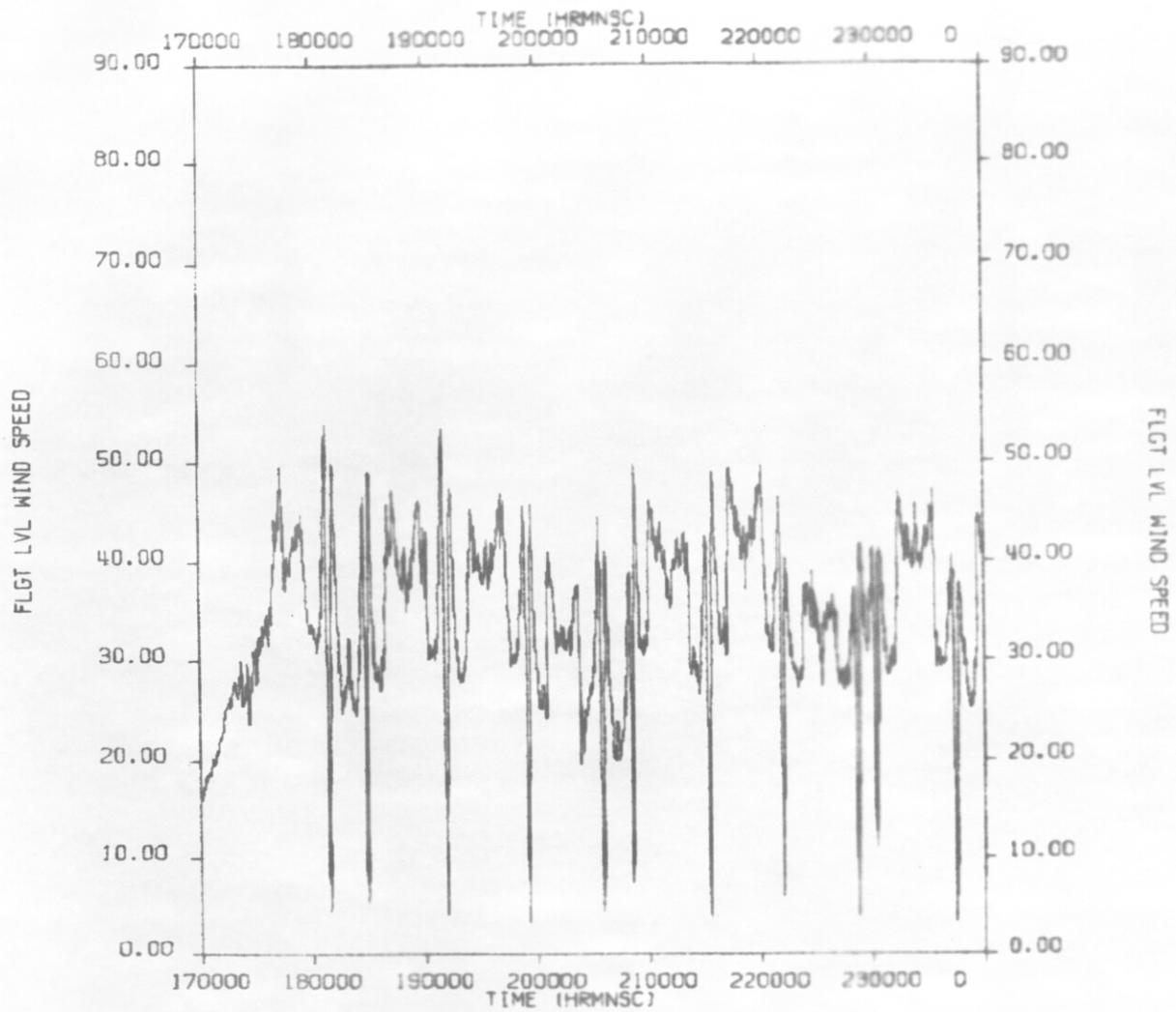
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DATE RUN= 810316



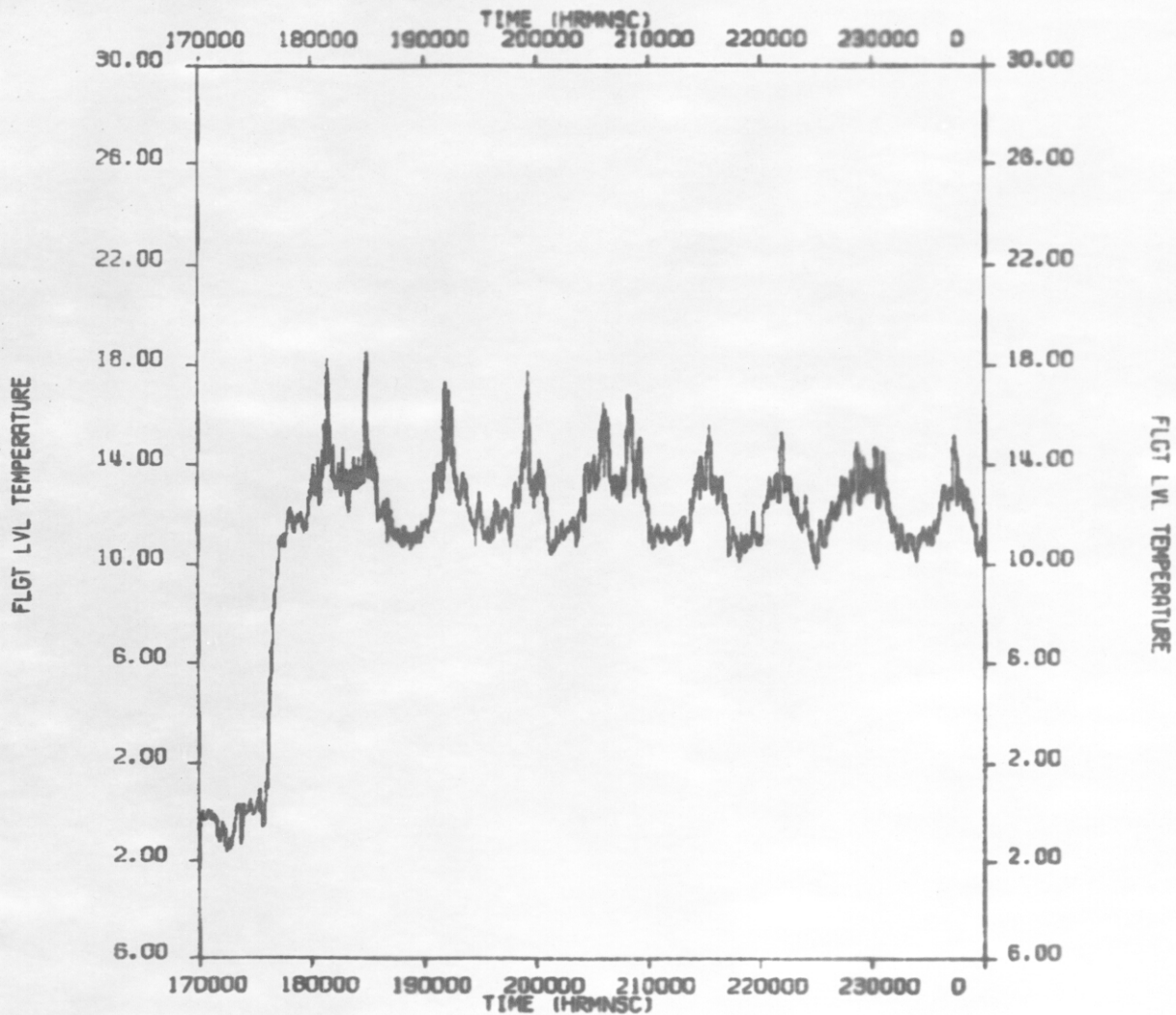
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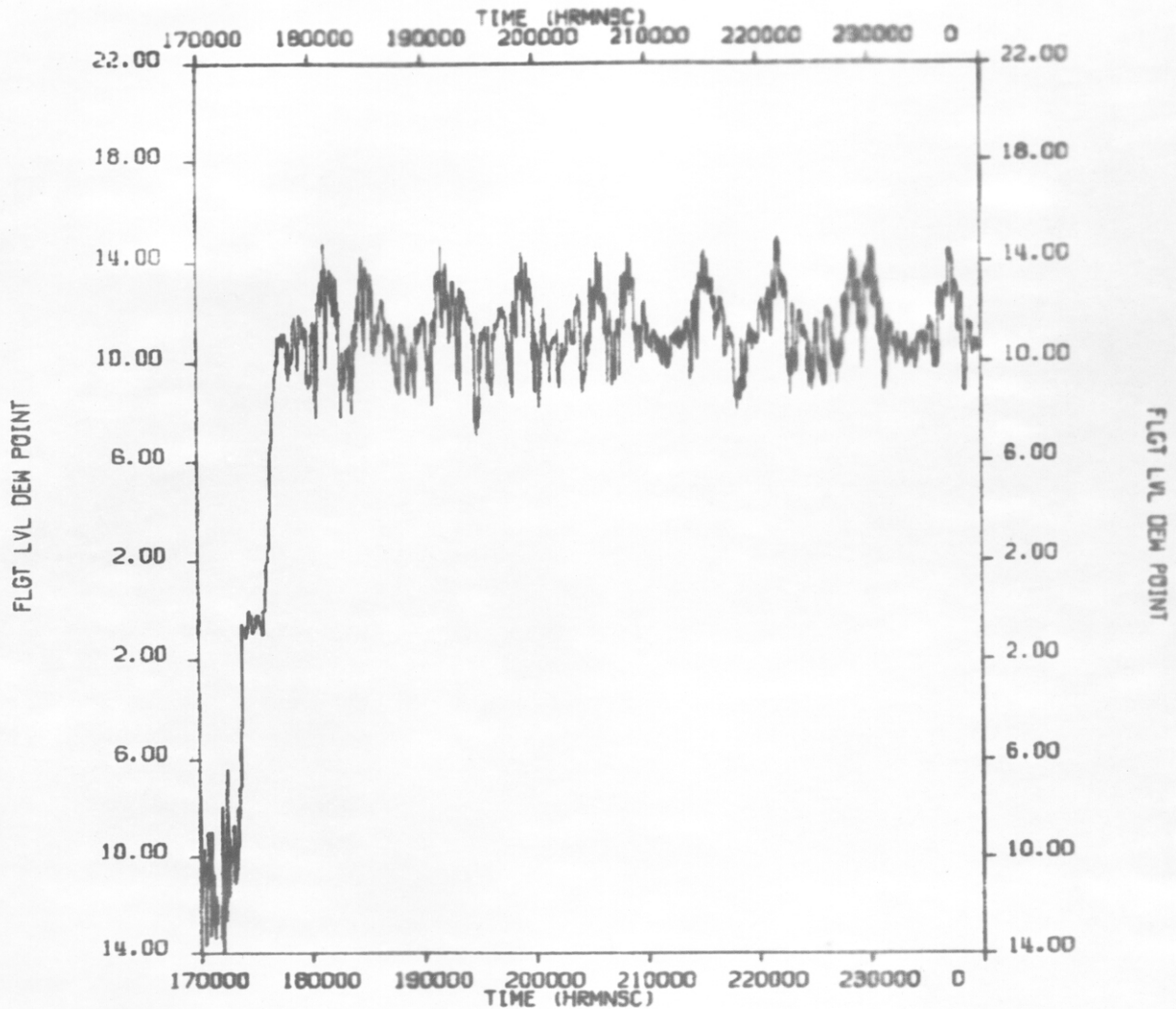
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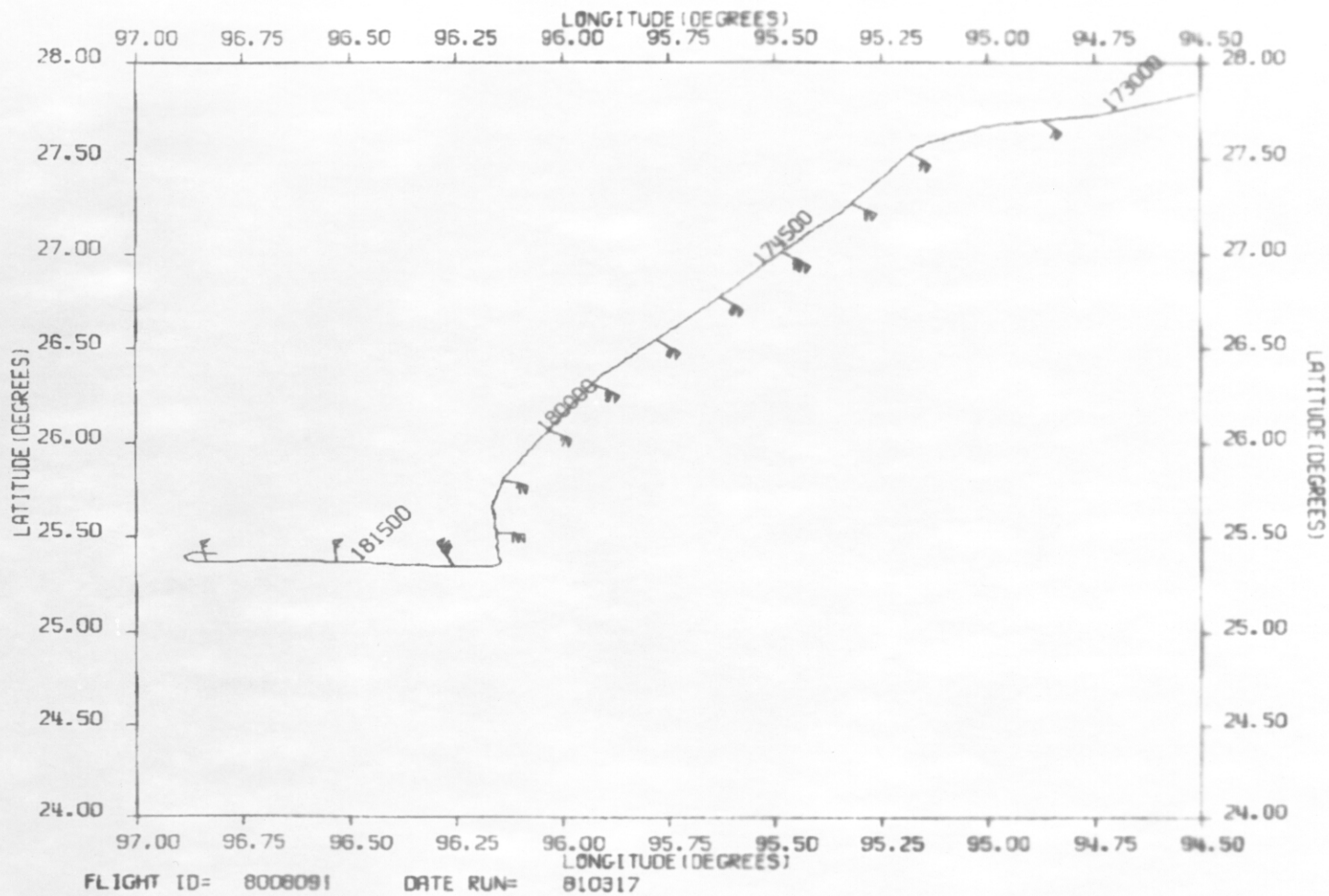
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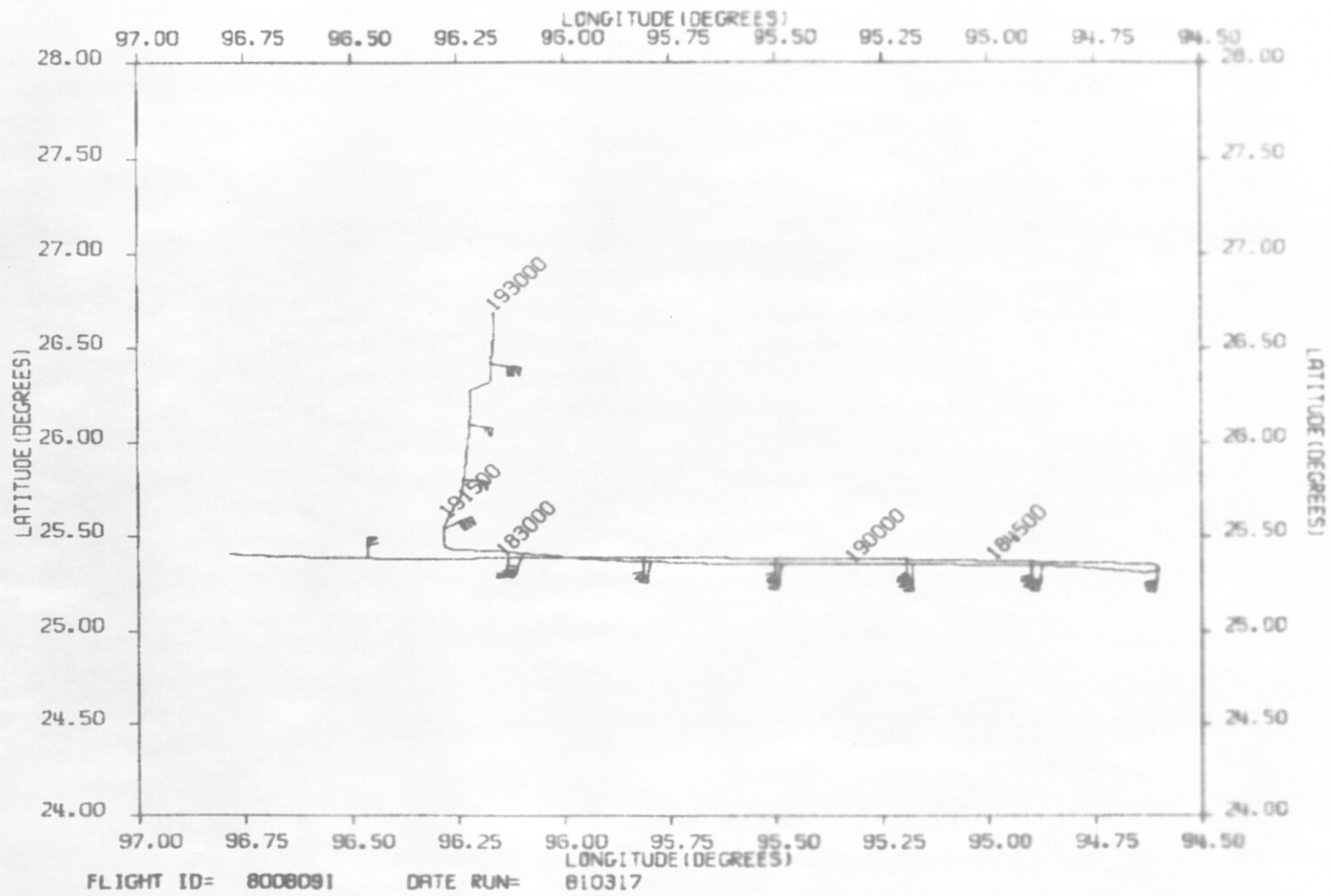
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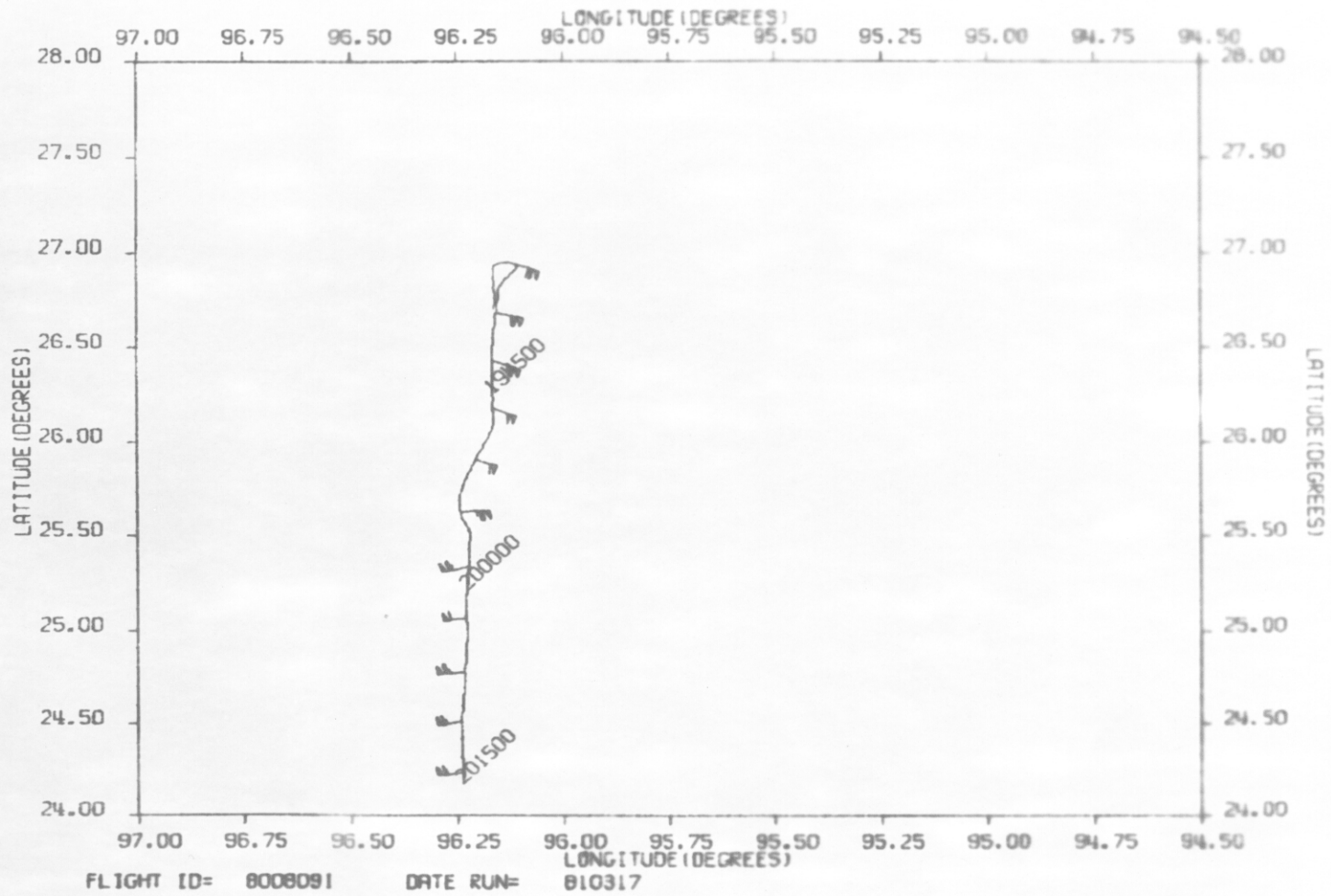


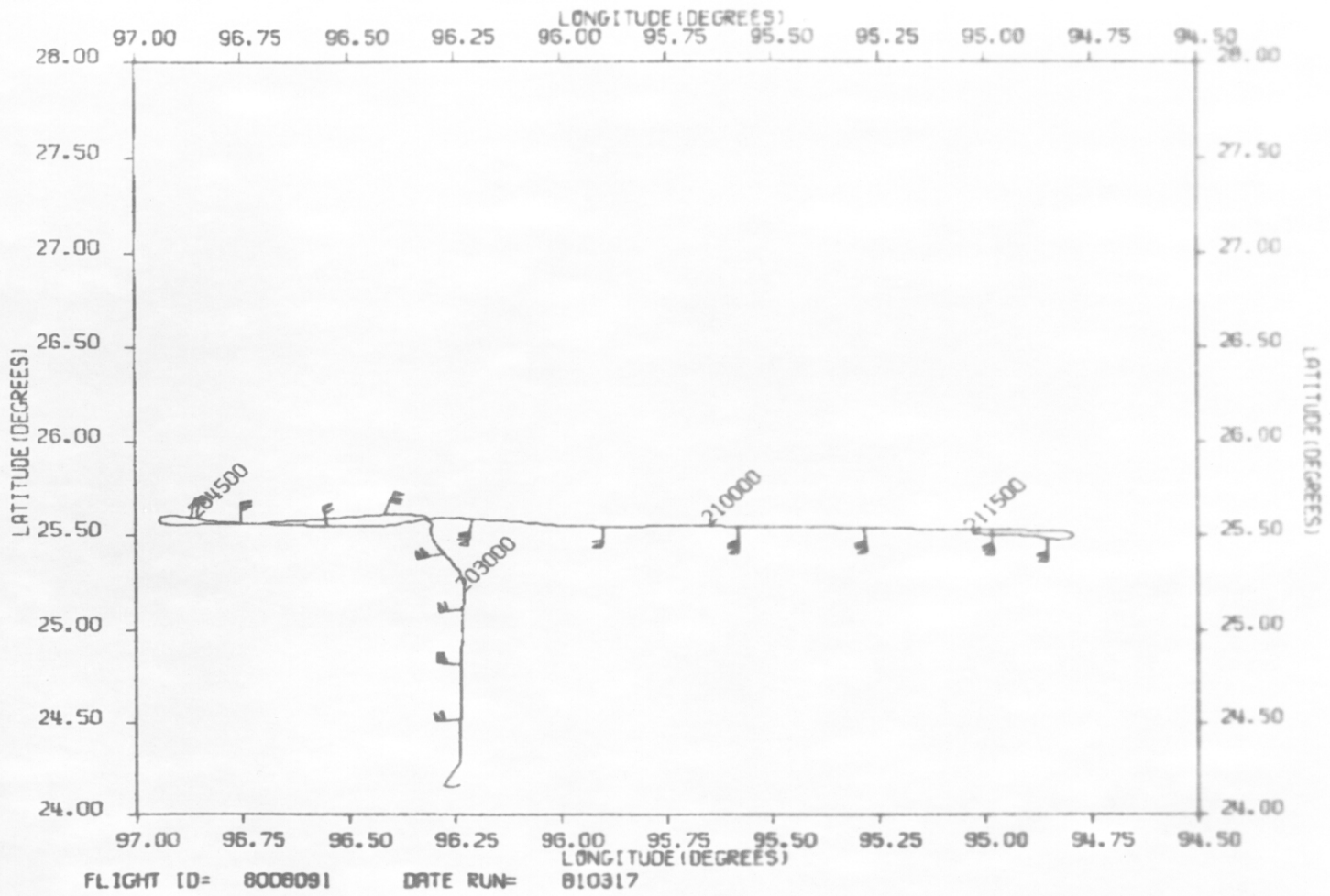
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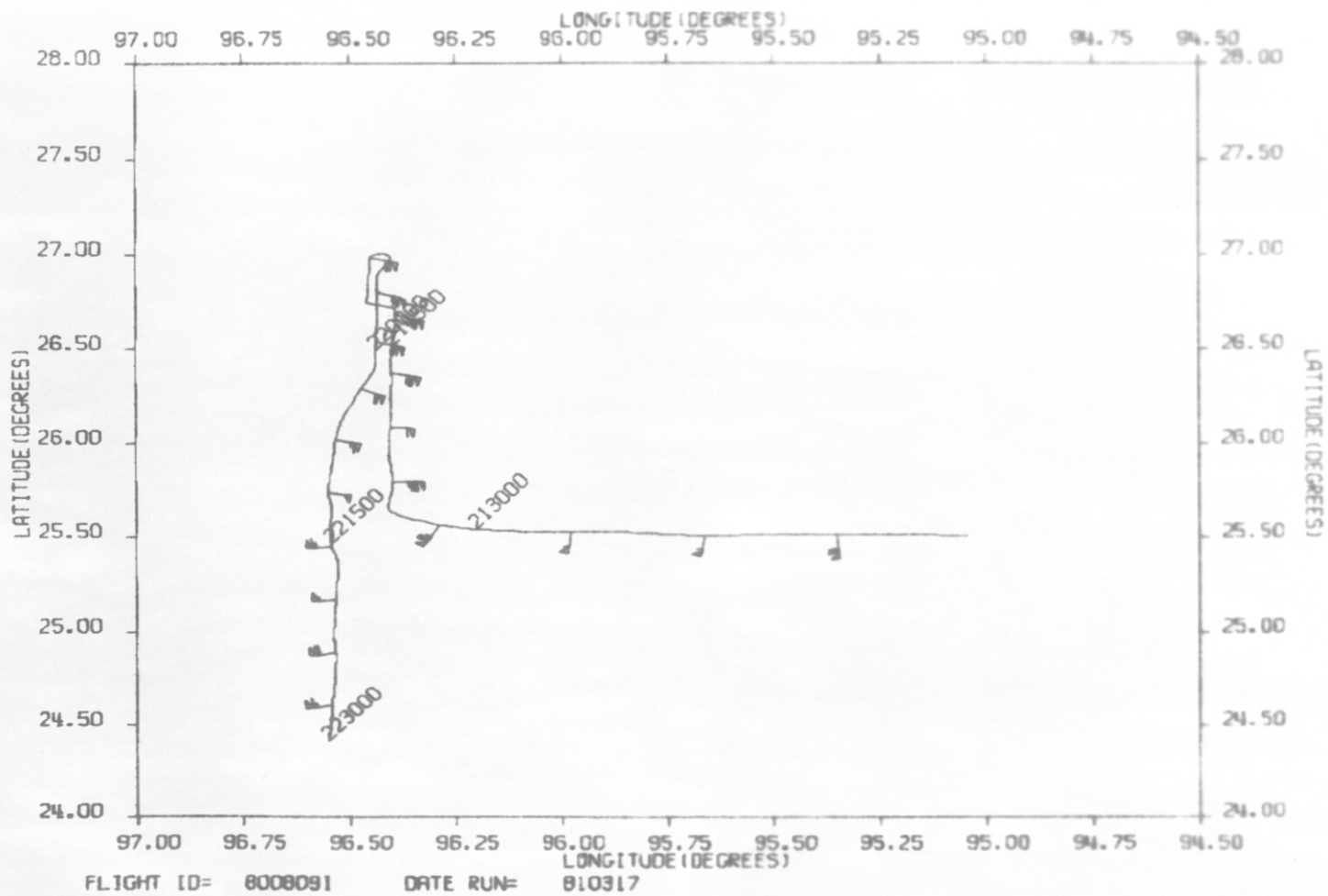
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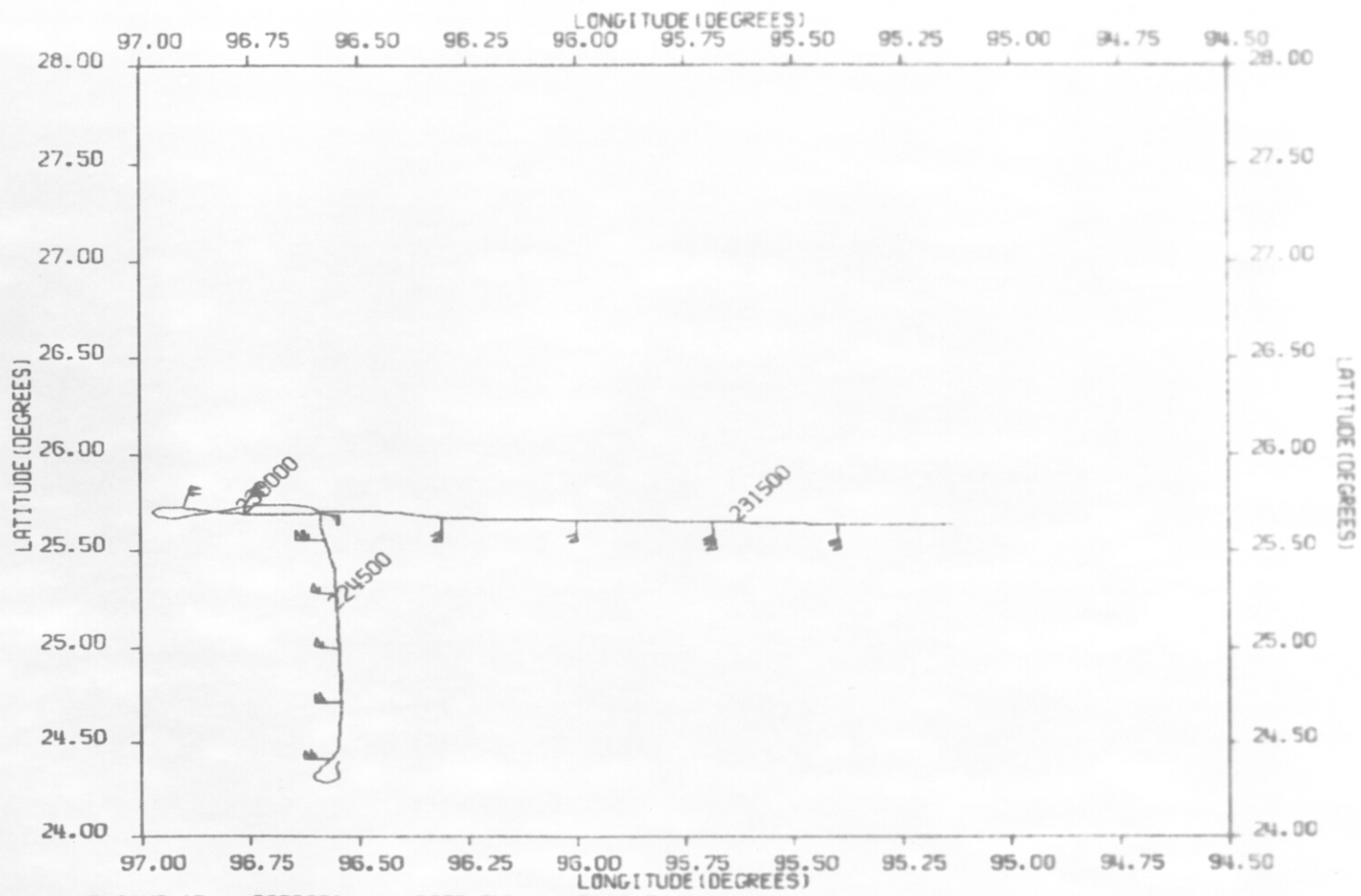












FLIGHT ID= 8008091 DATE RUN= 810317

