19851009H1.LPS

Form E-1
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On-board Lead Project Scientist Checklist

DATE 9 OCT 85 AIRCRAFT 851009H1 FLT 42

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	WILLOUGHBY	Gust Probe	
Cloud Physics		Omegasonde	
AXBT		Sys Eng	SCHRICKER
Hot Film		Data Tech	STONE
Radar	M. BLACK	El Tech	
Flt Dir/Met	DARBY	Other PLOTS	GUNNOE/MYERS
		NAV	ADAMS

Take Off 09/1939 Location MIA Landing 10/0337 Location MIA

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
09	0322	27°37'	73°22'	1002
09	1515	28°11'	75°51'	1005

C. Mission Briefing

FLY MFE PATTERN, N-S-E-W FIGURE 4,
CET 21,00,03Z FIXES

E.1.3 Postflight

_____ 1. Debrief crew.

_____ 2. Report landing time, aircraft, crew and mission status to HRD operations center.

_____ 3. Gather completed forms for mission and turn in at the operations center.

_____ 4. Determine next mission status, if any, and brief crews as necessary.

_____ 5. Notify operations center as to where you can be contacted.

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DATE 09 Oct 85 FLIGHT 851009I LPS WILLOUGHBY

Lead Project Scientist Event Log

EVENT	TIME*	POSITION	COMMENTS**
T/O	09/1939	MIA	
AT 1500' IP	2032	27.24 77.00	TRAK N TO G
G	2052	28.48 77.03	1005 MB SLP TRAK 360 G →
TURN	2117	30.04 77.06	TRAK 225 TO (2)
(2)	2148	28.55 78.92	TRAK 090 → G
G	2211	28.55 77.32	MIN SLP 1006 TRAK 090 G → (4)
(4) TURN	2237	28.58 75.50	TRAK 315 (4) → (2)
(2) TURN	2311	30.29 77.57	TRAK S (2) → G
G	2330	29.20 (?) 77.68	MIN SLP 1005 TRAK 180 TO (1)
(1) TURN	10/0001	27.41 77.64	TRAK 045 TO (4)
(4) TURN	0033	28.97 75.83	TRAK 270 → G
G	0104	29.07 77.86	MIN SEP 1008 12 MI W OF WING TRAK 270 G → (3)
(3) TURN	0130	29.09 79.70	TRAK 135 (4) → (1)
(1) TURN	0157	27.82 78.14	TRAK N (1) → G ON WINDS
G	0220	29.25 78.44	TRAK 338 FOR 30 nmi PASSED E OF G PROBABLY
TURN BACK TO G	0229	29.75 78.71	TRAK BACK TO G ON WINDS
G	0238	29.23 78.52 (14) (31)	MIN SLP 1004 RTB
LAND	10/0337	MIA	

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

DATE_____ FLIGHT_____ LPS_____

Lead Project Scientist Event Log

EVENT	TIME*	POSITION	COMMENTS**

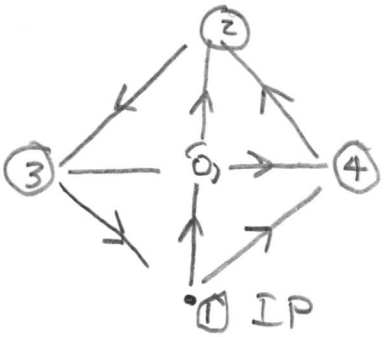
*Log times of all significant altitude changes, turns, and eye fixes
**New altitude, heading, center position, etc.

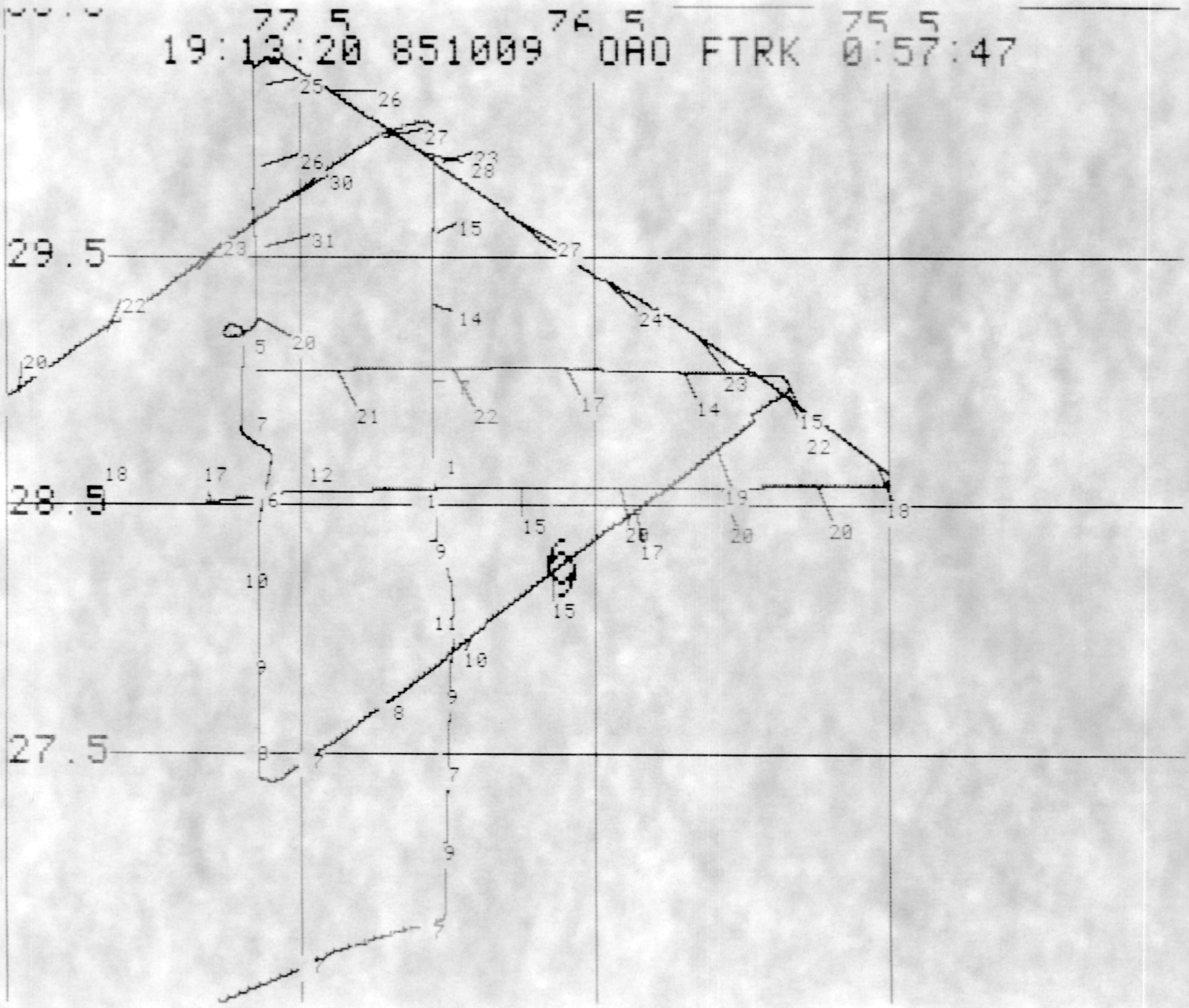
D. Equipment Status

Equipment	Pre Flt	In Flt	Post Flt	Reports Collected
Aircraft	↑	↑	↑	✓
Radar	↑	↑	↑	✓
Cloud Physics				
Data Sys	↑	↑	↑	✓
Omegasondes				
AXBT				
Gust Probe				
Hot Film				
Photography				

REMARKS

E. Proposed and Actual Flight Patterns

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