

RADAR PREFLIGHT CHECKLIST

AUG 31 1979

FLIGHT # 19790831 IL-RADAR

A.C. # 43RF

OPERATOR WIRFEL

RADAR TECH GOLDSTIEN

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 9+

NUMBER OF VIDEO TAPES ONBOARD X

NUMBER OF TAPE LABELS ON BOARD 30+

COMPONENT SYSTEMS UP AND CHECKED.

RDSC	<u>down on ground</u>	VTR	<u>X</u>
COMPUTER	<u>→ hopefully</u>	DSC1	<u>✓</u>
DMTR1	<u>✓</u>	DSC2	<u>X</u>
DMTR2	<u>✓</u>	SCOPES	<u>✓</u>
	<u>fix when airborne.</u>		
NO	<u>✓</u>		
LF	<u>✓</u>		
TA	<u>X</u>		

Time correction between radar time and digital time 1 sec fast. Radon clock ✓ 

RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 3
DMTR 2 4

NUMBER OF VIDEO TAPES USED 0

SIGNIFICANT RECORDER DOWN TIME (other than for tape changes).

DMTR: LF NO
NO NO
TA X

VTR: LF X
NO X
TA X

OTHER PROBLEMS: (stabilization, interference, etc.)

Processed Scope presentation is inadequate.

NHEML RADAR TAPE LOG

AUG 31 1979

FLIGHT 790831 I AIRCRAFT 43 RF

OPERATOR W. J. J. ^{W. J. J.}

SHEET 1 OF 1

TAPE #	TIME ON	TIME OFF	SOURCE RADARS			REWOUND?		COMMENTS
			NO	TA	LF	YES	NO	
2-1	233740	003350	✓		✓	✓		Delayed recording of data until near storm to minimize chance of computer going down again.
								LF radar used for center fixes. Since storm over land (up to 10K in elev), will have tilt higher than normal.
1-1	003357	013800	✓		✓	✓		HIT EOT NAVIGATOR OFTEN TOOK CONTROL BECAUSE SCOPES NOT GIVING SAME PRESENTATION HE NEEDED TO FIND HIS PANOLA COAST
2-2	014205	023350	✓		✓	✓		
	023355							
	023355							
1-2	023430	033400	✓		✓	✓		HIT EOT
2-3	033440	043140	✓		✓	✓		
1-3	043145	053100	✓		✓			HIT EOT
								0526 Z → Left Pattern Heading Home
2-4	053505	063500	✓		✓	✓		HIT EOT
								Painted Cuba
								0613 → Andros Painted 80-120 miles away

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NHEML RADAR LOG

OPERATOR Wurfel
SHEET 1 OF 1

RADAR DOWN-TIME LOG

790831Z

<u>ITEM</u>	<u>TIME DOWN</u>	<u>TIME UP</u>	<u>PROBLEM</u>
Computer	- Unable to get it working while on ground. Hopefully can be fixed when airborne.		
Computer	on at 2215Z. Will not record data until get nearer storm circulation since system is apparently flaky.		
Problem	is bad chip - causing parity error.		
	0145 → Got garbage within 40 miles for awhile while when NAV had control (Ties probably at -3, that's why dummy!)		

ITEM LIST: VTR, DMTRI, DMTR2, COMP, ROSC, LF, NO, TA, DSCI, DSC2

FLIGHT 790831I AIRCRAFT 43RF OPERATOR Winfel SHEET 1 OF 1

[illegible]

