

~~Arnold~~, Please put in
Flight folder

BILLY,

HERE IS A BRIEF STATUS
REPORT ON RADAR SECTION OF
780828I FLIGHT INTO T.S. DEBRA.

Peter W.

19780828I - RADAR

T.S. DEBRA

29 AUG '78

780828I

43 RF

RADAR:

① VTR DOWN ENTIRE FLIGHT.

② DIGITAL - 9 TAPES RECORDED.

- TROUBLE WITH INTEGRATION
CONSTANTS ON FIRST TWO
TAPES.

- ONE TAPE POSSIBLE DAMAGE
WHEN HIT TURB, DOOR OPENED
AND FOOD/LIQUID GOT ON
TAPE.

③ TROUBLE WITH "RT" ON LF RADAR.

ie, HAD SPIKING. ONLY VERY BOTHERSOME
FOR FIRST 20 MINUTES OF OPERATION.

CAMERA SYSTEM (POLEROID)

① LENS FELL OUT. EARLY IN FLIGHT.

UNABLE TO LOCATE FOR SEVERAL HOURS.

② ROLLERS WERE DIRTY, AND HAD PIECE OF
PAPER STUCK IN THEM.

W.P. Wirfel

NHEML RADAR TAPE LOG AUG 28 1978

FLIGHT 780828I1 AIRCRAFT 43RF

OPERATOR WIRFEL
GRIFFIN

SHEET / OF /

TAPE #	TIME ON	TIME OFF	SOURCE RADARS			REWOUND?		COMMENTS
			NO	TA	LF	YES	NO	
2-1	175630	184820	✓		✓	✓		MIGHT HAVE WRONG INTEG. CONST.
1-1	184824	195000	✓		✓	✓		MIGHT BE ON WRONG INTEG. CONST. DOWN FOR [REDACTED] ~3 MIN
2-2	195006	204100	✓		✓	✓		
1-2	204105	213810	✓		✓	✓		RADARS OFF ~213545
2ND HALF								
2-3	230000	235600	✓		✓	✓		Tape probably ruined
1-3	235608	010000	✓		✓	✓		lost ~4
2-4	010003	020000	✓		✓	✓		
1-4	020004	030000	✓		✓	✓		lost ~4 min
2-5	030005	032100	✓		✓	✓		

AUG 28 1978 780828 I 1 AUG 28 1978 OPERATOR WIRFEL/GRIFFIN
 NHEML RADAR LOG 43RF SHEET 1 OF 1

RADAR DOWN-TIME LOG

<u>ITEM</u>	<u>TIME DOWN</u>	<u>TIME UP</u>	<u>PROBLEM</u>
LF SCOPES	180300		Scope trouble on LF NR & LF Range markers not stable. Later on → gaps in picture (Spikes) Lower Fuselage RT has spiking.
DMTR'S	184830	185000	when DMTR DMTR 2 OFF LINE, DMTR 1 WOULD NOT RECORD DATA.
RDSC			Twice ON NR had Integ constants change.
DMTR 2	204500		DMTR 2 OFF line, DMTR 1 WOULDN'T WORK

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

NHEML RADAR TAPE LOG

FLIGHT _____ AIRCRAFT _____ OPERATOR _____ SHEET _____ OF _____

[illegible]

RADAR PREFLIGHT CHECKLISTFLIGHT # 780828I 1A.C. # 43 RFOPERATOR WIRFEL/GRIFFINRADAR TECH GOLSTIEN

AUG 28 1978

AUG 28 1978

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 15+NUMBER OF VIDEO TAPES ONBOARD 20NUMBER OF TAPE LABELS ON BOARD ✓

COMPONENT SYSTEMS UP AND CHECKED.

RDSC ✓
 COMPUTER ✓
 DMTR1 ✓
 DMTR2 ✓

VTR DOWN
 DSC1 ✓
 DSC2 ✓
 SCOPES ✓

AFT DRIVE IS DMTR1

NO ✓
 LF ✓
 TA ✓

Time correction between radar time and digital time ≈ 1 sec / ≈ 1 secRADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 4
 DMTR 2 5

NUMBER OF VIDEO TAPES USED 0

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

DMTR: LF
 NO
 TA

VTR: LF down
 NO down
 TA down

OTHER PROBLEMS: (stabilization, interference, etc.)

LF HAD SPIKING FOR FIRST 20 MIN OF
 OPERATION WITH EACH START UP. SUPPOSEDLY
 THERE IS "RT" PROBLEMS

RADAR PREFLIGHT CHECKLIST

FLIGHT # _____

A.C. # _____

OPERATOR _____

RADAR TECH _____

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD _____

NUMBER OF VIDEO TAPES ONBOARD _____

NUMBER OF TAPE LABELS ON BOARD _____

COMPONENT SYSTEMS UP AND CHECKED.

RDSC _____

COMPUTER _____

DMTR1 _____

DMTR2 _____

VTR _____

DSC1 _____

DSC2 _____

SCOPES _____

NO _____

LF _____

TA _____

Time correction between radar time and digital time _____

RADAR POSTFLIGHT SUMMARYNUMBER OF DIGITAL TAPES USED DMTR 1 _____
DMTR 2 _____

NUMBER OF VIDEO TAPES USED _____

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

DMTR: LF _____
NO _____
TA _____VTR: LF _____
NO _____
TA _____

OTHER PROBLEMS: (stabilization, interference, etc.)