

FLIGHT # 9780902F1 - RADAR  
 A.C. # 41 RF  
 OPERATOR A. GOLDSTEIN / S. PARRIS  
 RADAR TECH A. GOLDSTEIN

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 20

NUMBER OF VIDEO TAPES ONBOARD video out

NUMBER OF TAPE LABELS ON BOARD Plenty

COMPONENT SYSTEMS UP AND CHECKED.

RDSC ✓  
 COMPUTER ✓  
 DMTR1 ✓  
 DMTR2 None

VTR Down  
 DSC1 ✓  
 DSC2 None  
 SCOPES       

NO ✓  
 LF None  
 TA ↓

Time correction between radar time and digital time 0

### RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 2  
 DMTR 2 None

NUMBER OF VIDEO TAPES USED 0

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

DMTR: LF —  
 NO 0  
 TA —

VTR: LF —  
 NO —  
 TA —

VTR out

OTHER PROBLEMS: (stabilization, interference, etc.)

STC on & off  
 Some problems thru out but no down time

## 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 SUMMARY

NUMBER 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.)



780902F

AIRCRAFT

41C

FLIGHT

1

## INSTRUMENT STATUS AND PERFORMANCE

|                            | PreFlight     | InFlight                          | PostFlight | Remarks                             | Data Units Collected |
|----------------------------|---------------|-----------------------------------|------------|-------------------------------------|----------------------|
| Johnson Williams           | ✓             | ✓                                 |            | CIRCUIT BREAKER OK                  |                      |
| Nimbliometer               | ✓             | ✓                                 | ✓          |                                     |                      |
| Lyman Alpha                | INOPERATIVE   |                                   |            |                                     |                      |
| U. V.                      |               |                                   |            |                                     |                      |
| dewpoint                   |               |                                   |            |                                     |                      |
| Foil Impactor              | ✓             | ✓                                 | ✓          | ICES SOME                           | ~ 1000 inches        |
| Formvar                    | ✓             | ✓                                 | ✓          |                                     | 1 LARGE SPILL        |
| Knollenberg                |               |                                   |            |                                     |                      |
| Raindrop                   | ✓             | ✓                                 | ✓          |                                     |                      |
| Cloud Droplet              |               |                                   |            |                                     |                      |
| FSSP                       |               |                                   |            |                                     |                      |
| Data System                | ✓             | ✓                                 | ✓          |                                     |                      |
| & Displays                 | ✓             | ✓                                 | ✓          |                                     |                      |
| Ice Particle Counter       | ✓             | MIL DOESN'T COUNT PROPERLY IN ICE |            | ICE                                 | - BE ICING PROBLEM   |
| Mee                        |               |                                   |            |                                     |                      |
| ERT                        | N/A           |                                   |            |                                     |                      |
| CO <sub>2</sub> Radiometer | NOT INSTALLED |                                   |            |                                     |                      |
| Microwave Radiometer       |               |                                   |            |                                     |                      |
| Aerosol                    |               |                                   |            |                                     |                      |
| Filters                    | ✓             | ✓                                 |            |                                     | 10 Filters           |
| Bulk Water                 |               |                                   |            |                                     |                      |
| INC                        | ✓             | ✓                                 | ✓          | ✓ DISPLAY OFF - HEAT PROBLEM        |                      |
| CCN                        |               |                                   |            | DATA SHOULD STILL BE ON DATA SYSTEM |                      |

B.

## REMARKS

2 TAPES

780902F 1/1

780902F 2/2

Equipment worked well today - storm fizzled