

RADAR PREFLIGHT CHECKLIST

FLIGHT # 800808

A.C. # 41C

OPERATOR LEIN

RADAR TECH \_\_\_\_\_

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD A BUNCH

NUMBER OF VIDEO TAPES ONBOARD 0

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 3  
DMTR 2 0

NUMBER OF VIDEO TAPES USED 0

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

DMTR:

LF

NO

TA

LOST VIDEO - STILL RECORDED ON TAPE

VTR:

LF \_\_\_\_\_

NO \_\_\_\_\_

TA \_\_\_\_\_

OTHER PROBLEMS: (stabilization, interference, etc.)

# NHEML RADAR TAPE LOG

FLIGHT 800808F  
ALLEN

AIRCRAFT WC130B  
41C

OPERATOR LEIN

SHEET 1 OF 2

| TAPE # | TIME ON            | TIME OFF | SOURCE RADARS |    |    | REWOUND? |    | COMMENTS  |
|--------|--------------------|----------|---------------|----|----|----------|----|---|
|        |                    |          | NO            | TA | LF | YES      | NO |   |
| 1      | 1632:17            |          | X             |    |    |          |    | NO Echoes   |
| /      | 1654:20            |          |               |    |    |          |    | NO Sig Echoes   |
| /      | 1708:50            |          |               |    |    |          |    | Echoes - Possible RADAR Problem PRIOR   |
| /      | 1841:27            |          |               |    |    |          |    | FLT LVL 18,000 - ETA ALLEN - 1905   |
| /      | 1856:10            |          |               |    |    |          |    | PT 5  |
| /      | 1857:37            |          |               |    |    |          |    | EYE VISIBLE ON RADAR  |
| /      | 19:00:00           |          |               |    |    |          |    | <del>IN EYE</del> EYE APPEARS SQUARE - FEEDER BAND VISIBLE                                  |
| /      | 1905:31            |          |               |    |    |          |    | EYE 12-15 NM WIDE   |
| /      | 1910:14            |          |               |    |    |          |    | EYE ANALYZED ON SHORT RANGE EYE STILL APPEARS TO BE SQUARE                                  |
| /      | 1916:38            |          |               |    |    |          |    | ENTERING EYE WALL - LGT - MOD TURBLC  |
| /      | 1918:52            |          |               |    |    |          |    | ENTER EYE - RADAR STILL ON SHORT RANGE - CLOUDS ABOVE, AT ALTITUDE + BELOW - FLT LVL 12,000 |
| /      | 1922:29            |          |               |    |    |          |    | EXIT EYE - LGT TURBLC   |
| /      | 1951:00            |          |               |    |    |          |    | ENTER EYE WALL  |
| /      | 1952:25            |          |               |    |    |          |    | ENTER EYE   |
| /      | 1954:00            |          |               |    |    |          |    | <del>ENTER EYE</del>  |
| /      | 1957:11            |          |               |    |    |          |    | ENTER EYE WALL  |
| /      | 1958:49            |          |               |    |    |          |    | EXIT EYE WALL   |
| 1      | <del>2015:00</del> | 2015:00  | X             |    |    |          | X  |   |
| 2      | 2019:30            |          | X             |    |    |          |    | SHORT RANGE   |

# NHEML RADAR TAPE LOG

FLIGHT 800808  
ALLEN

AIRCRAFT WC130B  
41C

OPERATOR LEIN

SHEET 2 OF 2

| TAPE #       | TIME ON            | TIME OFF | SOURCE RADARS |    |    | REWOUND? |    | COMMENTS   |
|--------------|--------------------|----------|---------------|----|----|----------|----|--|
|              |                    |          | NO            | TA | LF | YES      | NO |  |
| <del>1</del> | 2021:40            |          |               |    |    |          |    | HVY RAIN BANDS - 6000<br>EYE DEFINITION                                    |
| <del>1</del> | 2028:21            |          |               |    |    |          |    | ENTER WALL CLD   |
| <del>1</del> | 2029:42            |          |               |    |    |          |    | ENTER EYE  |
| <del>1</del> | 2032:57            |          |               |    |    |          |    | ENTER WALL CLD   |
| <del>1</del> | 2035:36            |          |               |    |    |          |    | EXIT WALL CLD  |
| <del>1</del> | 2036:33            |          |               |    |    |          |    | ENTER REEDED/RAIN BAND   |
| <del>1</del> | 2038:00            |          |               |    |    |          |    | EXIT RAIN BAND   |
| <del>1</del> | 2101:53            |          |               |    |    |          |    | ENTER WALL CLOUD   |
| <del>1</del> | 2103:50            |          |               |    |    |          |    | ENTER EYE  |
| <del>1</del> | 2107:10            |          |               |    |    |          |    | EXIT EYE - ENTER WALL CLD  |
| <del>1</del> | 2109:23            |          |               |    |    |          |    | EXIT WALL CLD  |
| <del>1</del> | 21:38:58           |          |               |    |    |          |    | RADAR TILT +2°   |
| 2            | <del>2150:00</del> | 2150:00  |               |    |    |          | X  | LOST VIDEO - RADAR STILL<br>RECORDING ON TAPE                              |
| 3            | 2156:00            |          | X             |    |    |          |    | #1<br>(TIME OFF FOR TAPE #2<br>AND TIME ON FOR TAPE #3<br>ARE APPROXIMATE) |
| <del>1</del> | 23:43:41           |          |               |    |    |          |    | CLIMB TO 21,000  |
| <del>1</del> | 23:57:45           |          |               |    |    |          |    | LVL 21,000   |
| 3            |                    | 00:37:50 | X             |    |    |          | X  |  |