

|                  |                        |                                         |
|------------------|------------------------|-----------------------------------------|
| FLT ID: N000706  | FM: KMCF               | TO: KMCF / KSAV                         |
| FLT NO: 00-29    | BLK IN: 1508Z / 1728   | ATA: 1502Z / 1720Z                      |
| ETD: 1400Z       | BLK OUT: 1354Z / 1626Z | ATD: 1405Z / 1633Z                      |
| ETE: 1           | BLK TIME: 1:14 / 1:02  | FLT TIME: 057 / 047                     |
| SPONSOR ORG: ABC | PROGRAM:               | PURPOSE: CHECK OUT FLT TO KSAV and back |

### DAO PERSONNEL

|            |                        |
|------------|------------------------|
| AC FINKE   | SYS ENG HILL           |
| CP McCANN  | DATA SYS PRADAS-BERNES |
| NAV        | RADAR                  |
| FE KITSON  | BT/ODW                 |
| RADIO      | CLD PHYS               |
| FD DAMIANO | DOPPLER                |

### PARTICIPATING SCIENTIST/VISITORS/DAO

| LAST, FIRST NAME | ACTIVITY ON A/C     | AFFILIATION |
|------------------|---------------------|-------------|
| ADLER, J         | NAV                 | AOL         |
| REIFF, T         | PROG. ANALYST (ADM) | AOL         |
| MORAN, M         | PA                  | AOL         |
|                  |                     |             |
|                  |                     |             |
|                  |                     |             |
|                  |                     |             |
|                  |                     |             |
|                  |                     |             |

### PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

1533 32°08'  
 34 81°12'  
 22  
 29.88

U.S. DEPT. COMM./NOAA/DAO - DATA SECTION WORK FORM NO.2 DAOWF2 FILE

FLT ID: *N000706*

TIME OFF: *1405Z/1633Z*

TIME ON: *1502Z/1720Z*

|          | A/C T/O                | WX STN               | A/C LAND               | WX STN               |
|----------|------------------------|----------------------|------------------------|----------------------|
| PRESSURE | <i>1014.7 / 1010.0</i> | <i>29.99 / 29.89</i> | <i>1009.4 / 1013.9</i> | <i>29.89 / 29.99</i> |

NO

*1015.1*

DATA DISPOSITION/DATE/QUALITY

*1011.5 - 1010.5*

*1010.5*

*1015.1*

1/SEC FLT LVL TAPES

*2*

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

|      | FWD | LS | RS | VERT |
|------|-----|----|----|------|
| ON   |     |    |    |      |
| OFF  |     |    |    |      |
| RATE |     |    |    |      |

REMARKS

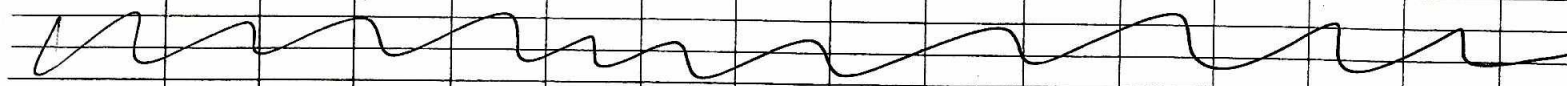
*1255Z 28 25*

*BAL DW 1647Z-1649Z*



N000706

4/5

| TIME                                                                              | LAT  | LOX  | TRK  | HD  | WD | WS | TA    | TD    | PA   | GA   | SP | PS    |     |      |       |
|-----------------------------------------------------------------------------------|------|------|------|-----|----|----|-------|-------|------|------|----|-------|-----|------|-------|
| 142000                                                                            | 2838 | 8240 | 3    | 3   | 41 | 11 | -12.9 | -31.2 | 6732 | 7073 | -  | 426.2 | ABV | HAZE | 156.8 |
| 142900                                                                            | 2939 | 8243 | 9    | 9   | 26 | 13 | -12.9 | -19.1 | 6734 | 7075 | -  | 426.0 | ABV | HAZE | 156.1 |
| 143900                                                                            | 3043 | 8218 | 45   | 43  | 31 | 12 | -14.2 | -30.7 | 7043 | 7387 | -  | 408.0 | ABV | HAZE | 172.7 |
| 144600                                                                            |      | in   | fld  |     |    |    |       |       |      |      |    |       |     |      |       |
| 145000                                                                            | at   | 12K  | feet |     |    |    |       |       |      |      |    |       |     |      |       |
|  |      |      |      |     |    |    |       |       |      |      |    |       |     |      |       |
| 164500                                                                            | 3163 | 8130 | 225  | 225 | 48 | 10 | -16.9 | -39.6 | 7363 | 7741 | -  | 389.9 | BTN | CLD  | 178.5 |

3208N  
E112W

# NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Surveillance-2000 Project No. 006 Flight No. FF01 Flight ID: 000706N  
 SED Crew: Damiano, Pradas, Hill Mission: Pilot Training, MADS Verification  
 Pre-Flight: 1320/1615 Z Take-Off: 1405/1633 Z Landing: 1501/1720 Z

| SYSTEM                                                   |                                                               |      | Pre-Flight Check                                  | In-Flight          | Post-Flight Check                                      |      |         |
|----------------------------------------------------------|---------------------------------------------------------------|------|---------------------------------------------------|--------------------|--------------------------------------------------------|------|---------|
| N<br>A<br>V                                              | IRS #1                                                        |      | 9H                                                | 9H                 | 9H                                                     |      |         |
|                                                          | IRS #2                                                        |      | 9H                                                |                    |                                                        |      |         |
|                                                          | IRS #3                                                        |      | ✓                                                 |                    |                                                        |      |         |
|                                                          | GPS Honeywell #1                                              |      | 9H                                                |                    |                                                        |      |         |
|                                                          | GPS Honeywell #2                                              |      | 9H                                                |                    | 9H                                                     |      |         |
|                                                          | GPS Collins                                                   |      | 9H                                                | 9H                 | Off? <input checked="" type="checkbox"/>               |      |         |
| Nose Radar - Collins                                     |                                                               |      | ✓                                                 | ✓                  | Off? <input checked="" type="checkbox"/>               |      |         |
| T<br>E<br>M<br>P                                         |                                                               | Time | Temp °C                                           |                    |                                                        | Time | Temp °C |
|                                                          | Temp #1                                                       | 1324 | 30                                                | 9H                 | 9H                                                     | 1505 | ✓       |
|                                                          | Temp #2                                                       |      | 30.5                                              |                    |                                                        |      | ✓       |
|                                                          | Temp #3                                                       |      | 30.6                                              |                    |                                                        |      | ✓       |
|                                                          | Temp #4                                                       |      | 35.0                                              |                    | 9H                                                     |      | ✓       |
|                                                          | DP Left                                                       |      | 21.9                                              |                    | Cal. Time:                                             |      | ✓       |
|                                                          | DP Right                                                      | 1324 | 23.4                                              | 9H                 | Cal. Time:                                             | 1505 | ✓       |
| P<br>R<br>E<br>S<br>S                                    | Attack Angle (ADCAOA)                                         |      | 9H → out of tol                                   | 9H OK              | ✓                                                      |      |         |
|                                                          | Slip Angle (BPx/DxPx)                                         |      | 9H                                                | Need to be Intadat | ✓                                                      |      |         |
|                                                          | Differential (PQ1/PQ2)                                        |      | 9H                                                | 9H                 | ✓                                                      |      |         |
|                                                          | Absolute (PS1/PS2)                                            |      | 9H                                                | 9H                 | ✓                                                      |      |         |
|                                                          | Check Radome Press. Lines <input checked="" type="checkbox"/> |      | Date: 060900                                      | 9H                 | ✓                                                      |      |         |
| S<br>Y<br>S<br>T<br>E<br>M<br>S                          | DOWN PRT-5 ⇒ Open? <input type="checkbox"/>                   |      | Not installed                                     | —                  | Closed? <input checked="" type="checkbox"/>            |      |         |
|                                                          | MADS (WINDS/DISCWIN)                                          |      | ✓                                                 | ✓                  | # DATs: 1                                              |      |         |
|                                                          | MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>     |      | ✓                                                 | ✓                  | Printer Power off? <input checked="" type="checkbox"/> |      |         |
|                                                          | MADS Cal. Date: 06/08/00                                      |      | QC time: 1334/1619                                | 1444               | QC time: 1503/1721                                     |      |         |
|                                                          | WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>         |      | ✓                                                 | ✓                  | ✓                                                      |      |         |
|                                                          | HAPS System / Time set? <input type="checkbox"/>              |      | Not Used                                          | ✓                  | # Msg.: — # Fail: —                                    |      |         |
|                                                          | AVAPS System                                                  |      | Not Used                                          | ✓                  | —                                                      |      |         |
|                                                          | K2 Printer ⇒ Paper? <input checked="" type="checkbox"/>       |      | ✓                                                 | ✓                  | Printer Power off? <input checked="" type="checkbox"/> |      |         |
| Exterior Walk Around <input checked="" type="checkbox"/> |                                                               |      | 9H                                                | —                  |                                                        |      |         |
| Inspect DropSonde Chute Bolts                            |                                                               |      | JCPB                                              | —                  |                                                        |      |         |
| M<br>I<br>S<br>C                                         | Satcom (Flight Phone) <input checked="" type="checkbox"/>     |      | ✓                                                 | ✓                  | Off CB? <input checked="" type="checkbox"/>            |      |         |
|                                                          | Call COMSAT? <input checked="" type="checkbox"/> (*292#)      |      | ✓ ABD                                             | ✓                  | ✓                                                      |      |         |
|                                                          | FCU/UPS/CB                                                    |      | CB's Checked? <input checked="" type="checkbox"/> | ✓                  | UPS off? <input checked="" type="checkbox"/>           |      |         |
|                                                          | AVAPS Sondes                                                  |      | # On Board: 2                                     | # Dropped: 0       | # Good: —                                              |      |         |
|                                                          | AXBT                                                          |      | # On Board: 0                                     | # Dropped: 0       | # Good: —                                              |      |         |
|                                                          | APN-232 Altimeter                                             |      | ✓                                                 | ✓                  | ✓                                                      |      |         |
| Modem Power On? <input checked="" type="checkbox"/>      |                                                               |      | ✓                                                 | ✓                  | ✓                                                      |      |         |

|                                                                 |             |          |           |           |
|-----------------------------------------------------------------|-------------|----------|-----------|-----------|
| 1                                                               | DAT Tape #1 | On: 1333 | Type: 60M | Off: 1508 |
| 2                                                               | DAT Tape #2 | On: 1618 | Type: 60M | Off: 1729 |
| Comments:                                                       |             |          |           |           |
| Problems opening ttyDO-D3 on Departure from MCF                 |             |          |           |           |
| Fixed ttyDO-D3 Problem prior to departing SAV (reloaded driver) |             |          |           |           |
| Dewpoint Balance@1647-1650                                      |             |          |           |           |