

|                     |                    |                                   |
|---------------------|--------------------|-----------------------------------|
| Flt ID:<br>010809I  | From:<br>KMCF      | To:<br>KMCF                       |
| Flt No:<br>01-27    | Blk In:<br>1933    | ATA:<br>1926 Z                    |
| ETD:<br>1700 Z      | Blk Out:<br>1657 Z | ATD:<br>1705 Z                    |
| ETE:<br>2.0         | Blk Time:<br>2.6   | Flt Time:<br>2.4                  |
| Sponsor Org:<br>AOC | Program:           | Purpose:<br>INST CHECK FLT - SFMR |

## AOC Personnel

|                              |                          |
|------------------------------|--------------------------|
| AC:<br>Jennerson, D          | Sys Eng:<br>Delgado, J   |
| CP:<br>Halverson, H          | Data Sys:<br>McMullen, S |
| Nav:<br>Adler, J / Newman, C | Radar:<br>Goldstein, A   |
| FE:<br>Bast, S               | GPS/BT:                  |
| FD:<br>Shepherd, T           | Cld Phys:                |
| Avionics:                    |                          |

## Participating Scientists / Visitors / AOC

| Name (Last, First) | Activity on Aircraft | Affiliation |
|--------------------|----------------------|-------------|
| Castells, T        | SFMR                 | U Mass      |
| Harker, S          | Obs                  | USN Academy |
| CZYZYK, S          | SATCOMM              | AOC         |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |

## Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

DPT3 Reading correctly at instrument - not on screen 11  
 1722 Bol DPT1  
 1726 Bol DPT2

1893  
 1657  
 236

## U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWF2

|                 |                 |                |
|-----------------|-----------------|----------------|
| Flt ID: 010808H | Time Off: 1705Z | Time On: 1926Z |
|-----------------|-----------------|----------------|

|          |                |                       |            |                   |
|----------|----------------|-----------------------|------------|-------------------|
|          | A/C (Take Off) | Wx Station (Take Off) | A/C (Land) | Wx Station (Land) |
| Pressure | 1019.4         | 30.14                 | 30.10      | 1019.1            |

|                     | Number | Data Disposition / Date / Quality |
|---------------------|--------|-----------------------------------|
| Flt Lvl Tapes       |        |                                   |
| Radar Tapes         |        |                                   |
| Cloud Physics Tapes |        |                                   |
| Video Tapes         |        |                                   |
|                     |        |                                   |
|                     |        |                                   |
|                     |        |                                   |
| AXBT                |        |                                   |
| AXCP                |        |                                   |
| AXCTD               |        |                                   |
| Dropsondes          |        |                                   |
|                     |        |                                   |

## Video

|          | Forward | Left Side | Right Side | Down | Remarks |
|----------|---------|-----------|------------|------|---------|
| Time On  |         |           |            |      |         |
| Time Off |         |           |            |      |         |
| Rate     |         |           |            |      |         |

Remarks



Page 1 of 1

## Form 413-50

| Time   | Lat                                        | Long | Trk | Hdg | Wind Dir | Wind Spd | T <sub>a</sub> | T <sub>d</sub> | Press. Alt. | Geo. Alt. | Sfc Press. | Press. Sfc | Dyn. Press | Remarks                 |
|--------|--------------------------------------------|------|-----|-----|----------|----------|----------------|----------------|-------------|-----------|------------|------------|------------|-------------------------|
| 171600 | 2735                                       | 8305 | 239 | 237 | 134      | 7.6      | 13.5           | 7.2            | 2089        | 2270      | 1022.0     | 786.2      | 74.4       |                         |
| 172945 | 2705                                       | 8402 | 239 | 238 | 103      | 7.3      | 13.2           | 9.5            | 2122        | 2261      | 1017.0     | 783.0      | 79.7       |                         |
| 174940 | 2622                                       | 8521 | 224 | 223 | 116      | 3.7      | 13.3           | 8.9            | 2119        | 2267      | 1018.2     | 783.3      | 80.9       | Turned to a rain shower |
| 180330 | 2555                                       | 8600 | 028 | 029 | 138      | 7.0      | 14.5           | 4.6            | 2116        | 2271      | 1018.1     | 783.6      | 78.6       | Became to R             |
| 181520 | 2635                                       | 8530 | 036 | 036 | 153      | 4.9      | 13.7           | 5.5            | 2117        | 2270      | 1018.6     | 783.6      | 81.0       |                         |
| 1835   | Circling a rain cell while working on SFMR |      |     |     |          |          |                |                |             |           |            |            |            |                         |
| 1847   | Decision to RTB - SFMR still T.U.          |      |     |     |          |          |                |                |             |           |            |            |            |                         |
| 184815 | 2732                                       | 8456 | 075 | 076 | 163      | 4.8      | 13.4           | 9.0            | 2109        | 2258      | 1017.9     | 783.9      | 76.7       |                         |



5491

# POSITION REPORT

The figure consists of two circular diagrams, each divided into 12 equal segments. The top diagram represents a uniform distribution where each segment contains 83.3 observations. The bottom diagram represents a non-uniform distribution where the first segment (labeled 000) contains 270 observations, and the other 11 segments each contain 83.3 observations.

# POSITION REPORT

The figure consists of two circular diagrams, each representing 1000 observations divided into 12 categories. The top diagram shows a uniform distribution where each category has 83.3 observations. The bottom diagram shows a non-uniform distribution where category 1 has 270 observations and the other 11 categories have 83.3 observations each.

## - PILOT INTENTIONS

[illegible]