

|                     |                |                                                |
|---------------------|----------------|------------------------------------------------|
| FLT ID: I990202     | FM: KMCF       | TO: CYYT                                       |
| FLT NO: 99-013      | BLK IN: 00:42  | ATA: 0034Z                                     |
| ETD: 1630Z          | BLK OUT: 1705Z | ATD: 1714Z                                     |
| ETE:                | BLK TIME: 7:37 | FLT TIME: 7:20                                 |
| SPONSOR ORG: NESDIS | PROGRAM: SKOWS | PURPOSE: FERRY TO ST. JOHNS<br>MISSION ENROUTE |

### DAO PERSONNEL

|                    |                  |
|--------------------|------------------|
| AC TENNESEN        | SYS ENG McNAMARA |
| CP KENUL           | DATA SYS BARR    |
| NAV KOZAK / NEWMAN | RADAR            |
| FE WADE / MOORE    | BT/ODW           |
| RADIO SANS SOULT   | CLD PHYS         |
| FD DAMIANO         | DOPPLER          |

### PARTICIPATING SCIENTIST/VISITORS/DAO

| LAST, FIRST NAME | ACTIVITY ON A/C | AFFILIATION |
|------------------|-----------------|-------------|
| CZYZYK           | PM              | AOC         |
| CLOSSER          | MECH            | AOC         |
| CHANG            | PI              | NESDIS      |
| CARSWELL         | SCATTEROMETER   | U-MASS      |
| PARRISH          | AIR CHEM        | ERL         |

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

SWAPPED OUT INE 1

172820Z

Radiometer  
Turned on

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 DROWFZ FILE

FLT ID: I990202 TIME OFF: 1714Z TIME ON: 0034Z

|          | A/C T/O       | WX STN       | A/C LAND       | WX STN       |
|----------|---------------|--------------|----------------|--------------|
| PRESSURE | <u>1018.8</u> | <u>30.12</u> | <u>1007.09</u> | <u>30.26</u> |

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

2

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

~~ODW~~ GPS

PHOTOGRAPHY

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

REMARKS

1770202

| TIME   | LAT   | LOX        | TRK | HD | WD  | WS | TH    | TD    | PA   | GA   | SP     | PS    |        |     | PG   |
|--------|-------|------------|-----|----|-----|----|-------|-------|------|------|--------|-------|--------|-----|------|
| 174500 | 2825  | 8026       | 72  | 68 | 279 | 50 | -11.8 | -22.1 | 5823 | 6077 | —      | 483.0 | ARV    | CLD | 71.5 |
| 181400 | 2938  | 7754       | 25  | 21 | 273 | 29 | -9.6  | -21.8 | 5279 | 5491 | —      | 520.4 | ARV    | CLD | 87.4 |
| 1746   | 41009 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 1803   | 41010 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 182500 | 3020  | 7709       | 40  | 38 | 263 | 29 | -11.4 | -13.2 | 5282 | 5478 | —      | 520.2 | IN CLD | ICE | 80.7 |
| 194400 | 3137  | 7552       | 40  | 38 | 243 | 46 | -11.7 | -13.0 | 5278 | 5459 | —      | 520.4 | IN CLD | ICE | 86.6 |
| 185320 | 4100  | 2 overpass |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 191600 | 3350  | 7335       | 42  | 40 | 262 | 26 | -12.9 | -38.5 | 5309 | 5468 | —      | 518.3 | BTN    | CLD | 93.2 |
| 192730 | 41001 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 194500 | 3605  | 7158       | 22  | 18 | 248 | 34 | -14.8 | -15.7 | 5322 | 5469 | —      | 517.3 | INTN   | CLD | 92.2 |
| 201400 | 44004 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 204400 | 4017  | 6811       | 57  | 54 | 273 | 32 | -18.1 | -18.9 | 5381 | 5479 | —      | 513.3 | INTN   | CLD | 94.8 |
| 205955 | 44011 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 210120 | 4110  | 6627       | 56  | 53 | 286 | 29 | -18.1 | -21.5 | 5280 | 5463 | —      | 513.3 | in ch  |     | 88.7 |
| 212300 | 4123  | 6430       | 86  | 90 | 99  | 14 | .5    | -1.0  | 583  | 671  | 1028.9 | 947.3 | BLW    | CLD | 81.7 |
| 214200 | 4128  | 6303       | 85  | 86 | 104 | 16 | -4.0  | -6.1  | 559  | 671  | 1031.2 | 947.9 | BLW    | CLD | 79.0 |
| 221400 | 4135  | 6037       | 87  | 85 | 49  | 14 | -4.7  | -8.3  | 561  | 677  | 1022.3 | 947.6 | —      |     | 79.8 |
| 222150 | 44137 | overpass   |     |    |     |    |       |       |      |      |        |       |        |     |      |
| 224400 | 4242  | 5845       | 38  | 30 | 322 | 41 | -16.2 | -33.0 | 4545 | 4560 | —      | 573.8 | —      |     | 73.9 |
| 230000 | 4333  | 5749       | 40  | 30 | 329 | 51 | -17.4 | -32.1 | 4586 | 4571 | —      | 570.7 | —      |     | 72.6 |
| 232200 | 4441  | 5634       | 38  | 28 | 337 | 58 | -17.3 | -37.1 | 4585 | 4529 | —      | 570.8 | —      |     | 75.1 |
| 000100 | 4633  | 5407       | 45  | 36 | 357 | 64 | -20.9 | -45.2 | 4574 | 4380 | —      | 575.8 | —      |     | 82.9 |



h. 55

4.2.11

56/02

23 2020

|             |                   |
|-------------|-------------------|
| MISSION LOG | PAGE ____ OF ____ |
|-------------|-------------------|

FIX TYPES  
(G) - GPS (I) - INS (R) - RADIO (V) - VISUAL (C) - CELESTIAL (D) - DR

[illegible]

60 ANDER 134.9

7

ARINC 6586  
ADMIN 5550  
NEW

NOAA FORM 56-49  
(2-95)

## NAVIGATOR

**AIRCRAFT COMMANDER**

FLIGHT DIRECTOR

LT NEWMAN

DAMIANO

 $12\phi_2'$ 

Feb 99

| INS PERFORMANCE    |  | INS 1 | INS 2 |
|--------------------|--|-------|-------|
| BEGIN ALIGN TIME   |  | 1500Z | 1500Z |
| ALIGN STATUS (0-5) |  | 0     | 0     |
| END NAV TIME       |  | 0042  | 0042  |
| START NAV TIME     |  | 1700  | 1700  |
| DELTA T            |  | 7742  | 7742  |

| TERMINAL ERRORS |        |        |
|-----------------|--------|--------|
|                 | INS 1  | INS 2  |
| DELTA LAT       | $\phi$ | $\phi$ |
| DELTA LON       | $-3.0$ | $+1.$  |
| RGS             | $\phi$ | $1$    |
| RADIAL ERROR    | $2$    | $1.$   |

**U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
AIRCRAFT OPERATIONS CENTER**

4030N 6926W