

19790902I1-FDIR

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|                                                                                                                                                                                             |                                      |                                            |        |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------|--------|-----------|
| <b>RFC-1 WORK FORM</b><br>(7-76) <b>U.S. DEPARTMENT OF COMMERCE</b><br><b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b><br><b>RESEARCH FACILITIES CENTER</b><br><b>MIAMI, FLORIDA</b> |                                      | <b>AIRCRAFT</b><br>N432F                   |        |           |
|                                                                                                                                                                                             |                                      | <b>FLIGHT NO.</b><br>97-79                 |        |           |
|                                                                                                                                                                                             |                                      | <b>FLIGHT ID</b><br>790902I                |        |           |
|                                                                                                                                                                                             |                                      | <b>DATE</b><br>SEP. 2, 79                  |        |           |
| <b>FLIGHT LOG</b>                                                                                                                                                                           |                                      |                                            |        |           |
| <b>TAKE OFF (City or airport)</b><br>MIA                                                                                                                                                    | <b>LAND (City or airport)</b><br>MIA | <b>ALTITUDE</b>                            |        |           |
| <b>PURPOSE</b><br>NH EML - HURRICANE DAVID RECON + RESEARCH                                                                                                                                 |                                      |                                            |        |           |
| <b>PROPOSED TAKEOFF TIME:</b><br>1000Z                                                                                                                                                      |                                      | <b>PROPOSED FLIGHT DURATION:</b><br>10 HRS |        |           |
| <b>TIME IN:</b><br>1855Z                                                                                                                                                                    |                                      | <b>TIME ON:</b>                            |        |           |
| <b>TIME OUT:</b><br>1005Z                                                                                                                                                                   |                                      | <b>TIME OFF:</b>                           |        |           |
| <b>BLK. TIME:</b><br>8:50 HRS                                                                                                                                                               |                                      | <b>FLIGHT TIME:</b>                        |        |           |
| <b>FLIGHT PERSONNEL</b>                                                                                                                                                                     |                                      |                                            |        |           |
| <b>OPERATIONS CREW</b>                                                                                                                                                                      |                                      | <b>SCIENTIFIC CREW</b>                     |        |           |
| <b>VISITORS</b>                                                                                                                                                                             |                                      |                                            |        |           |
| WIERLEY                                                                                                                                                                                     | SIMS                                 | GLASSER                                    | DERK   | BLACK     |
| GENZLINGER                                                                                                                                                                                  | LAMBRECHT                            |                                            | SMITH  | WILFILL   |
| ROSE                                                                                                                                                                                        | CANNON                               |                                            | WALKER | HICKS     |
| ADAMS                                                                                                                                                                                       | DAVIS                                |                                            | HALL   | MCCORMICK |
| <b>PROPOSED MISSION</b>                                                                                                                                                                     |                                      |                                            |        |           |
| <b>ACTUAL MISSION AND REMARKS</b>                                                                                                                                                           |                                      |                                            |        |           |
| <b>DATA COLLECTED AND REMARKS</b>                                                                                                                                                           |                                      |                                            |        |           |

\* U.S. GOVERNMENT PRINTING OFFICE: 1973-768-07



140130 C.D., G

| A/C<br>COMMANDER | NAVIGATOR | A/C<br>NO. | MISSION<br>NO. | TIME<br>AIRBORNE | LOCATION<br>K MIA<br>N25-48<br>W080-17.6 | DATE           | PROJ.<br>NAME |
|------------------|-----------|------------|----------------|------------------|------------------------------------------|----------------|---------------|
| WERLEY           | ADAMS     | 413RF      | 790802         | 1018 Z           |                                          | 2 Sept<br>1979 | DAVID         |

| TIME<br>OF<br>ENTRY | POSITION              | TYPE | INERTIAL<br>POSITION  | LAT<br>LON<br>COR'S | POSITION              | LAT<br>LON<br>COR'S | REMARKS                 |
|---------------------|-----------------------|------|-----------------------|---------------------|-----------------------|---------------------|-------------------------|
| 100600              | N25-48.3<br>W080-17.5 |      | N25-48.2<br>W080-17.5 | +1<br>0             | N25-48.1<br>W080-17.2 | +2<br>+3            | Block out               |
| 101740              | N25-48.1<br>W080-17.3 |      | N25-48.4<br>W080-17.0 | -.3<br>+3           | N25-48.4<br>W080-16.6 | -.3<br>+7           | TOFF                    |
| 102109              | 25-42<br>79-16        |      | 25-48.6<br>80-04.1    |                     | 25-48.6<br>80-03.8    |                     | MOT BSY                 |
| 103210              | 25-42<br>79-16        |      | 25-42.6<br>79-17.6    | -.6<br>-1.6         | 25-42.5<br>79-17.3    | -.5<br>-1.3         | MOT ZBV                 |
| 1123                |                       |      |                       |                     | 23-02<br>76-20        |                     | 9                       |
| 120150              |                       |      | 22-58.6<br>76-19.4    |                     | 22-58.7<br>76-18.3    |                     | 9 CH 075 to Pt 3?       |
| 122432              |                       |      | 23-24.9<br>74-59.2    |                     | 23-25.2<br>74-58.3    |                     | Pt #3<br>CH 310 to Pt 4 |
| 124144              |                       |      | 24-13.5<br>76-01.9    |                     | 24-13.9<br>76-01.1    |                     | Pt #4<br>CH 178 to Pt 5 |
| 130033              |                       |      | 23-13.1<br>76-30.0    |                     | 23-13.6<br>76-28.9    |                     | 9                       |
| 132039              |                       |      | 21-58.5<br>76-44.2    |                     | 21-59.4<br>76-42.5    |                     | Pt 5<br>CH 070 to Pt 6  |
| 134023              |                       |      | 22-31.4<br>75-28.5    |                     | 22-31.7<br>75-27.4    |                     | Pt 6<br>CH 304 to Pt 7  |
| 140156              |                       |      | 23-16.2<br>76-46.1    |                     | 23-16.6<br>76-45.1    |                     | 9                       |

| SYS                        | BEGIN<br>ALIGN TIME | NCS<br>CONN | AID | TIME OUT OF<br>COARSE     | ALIGN<br>STS<br>C-5 | (1) TIME<br>INTO NAV. | (2) TIME<br>OUT NAV. | Δ T<br>(2)(1) | TERMINAL ERRORS |      |     |
|----------------------------|---------------------|-------------|-----|---------------------------|---------------------|-----------------------|----------------------|---------------|-----------------|------|-----|
|                            |                     |             |     | ELAPSE ALIGN<br>POST TIME |                     |                       |                      |               | LAT             | LONG | G S |
| INS 1                      | 0903                | ✓           | ✓   | —                         | 04                  | 0930                  | 18 59                | 9.5           | +1.2            | -1.1 | 2   |
| INS 2 or<br><del>INS</del> | 0903                | ✓           | ✓   | —                         | 05                  | 0930                  | 18 59                | 9.5           | -.6             | +1.3 | 3   |

ALIGN REMARKS :

OTHER REMARKS :

TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN  
(6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL  
(10) OMEGA - INERTIAL

180/85 → W

23.5  
77W

| TIME<br>OF<br>ENTRY     | POSITION              | TYPE | INERTIAL<br>POSITION  | LAT<br>LON<br>COR'S | 77 W<br>POSITION      | LAT<br>LON<br>COR'S | REMARKS ADV<br>3MN<br>071005 |
|-------------------------|-----------------------|------|-----------------------|---------------------|-----------------------|---------------------|------------------------------|
| 142258                  |                       |      | 24-04.3<br>77-50.2    |                     | 24-05.3<br>77-48.6    |                     | Pt 7<br>CH 185               |
| 150253                  |                       |      | 23-22.2<br>76-49.2    |                     | 23-22.9<br>76-48.1    |                     | G                            |
| 152236                  |                       |      | 23-48.7<br>75-32.1    |                     | 23-49.3<br>75-31.2    |                     | Pt 3<br>CH 310               |
| 153856                  |                       |      | 24-39.5<br>76-38.7    |                     | 24-40.5<br>76-37.2    |                     | Pt 4<br>CH 175               |
| 155816                  |                       |      | 23-34.4<br>76-58.5    |                     | 23-35.4<br>76-56.7    |                     | G                            |
| 161850                  |                       |      | 22-17.9<br>77-09.4    |                     | 22-18.9<br>77-07.8    |                     | 23-42 Pt 5<br>77-09          |
| 163504                  |                       |      | 22-41.6<br>75-57.0    |                     | 22-41.2<br>75-56.1    |                     | Pt 6<br>CH 305               |
| 165742                  |                       |      | 23-42.8<br>77-10.1    |                     | 23-43.1<br>77-08.9    |                     | G<br>CH 325                  |
| 171451                  |                       |      | 24-27.8<br>78-08.9    |                     | 24-28.6<br>78-07.3    |                     | (CH 300) 23-54<br>7-11 77-21 |
| 1730                    |                       |      | 23-21.9<br>~ 78-22.5  |                     | 23-22.8<br>~ 78-20.9  |                     | Pt 1                         |
| 1753                    |                       |      | /                     |                     | /                     |                     | G 23-54<br>77-18             |
| 1826                    |                       |      | /                     |                     | /                     |                     | Pt 3                         |
| 1853<br><del>1816</del> | N25-48.1<br>W080-17.3 |      | N25-48.1<br>W080-18.6 | 0<br>-1.3           | N25-48.9<br>W080-17.1 | - .8<br>+ .2        | Land KMIN                    |
| 1858                    | N25-48.3<br>W080-17.6 |      | N25-48.1<br>W080-18.7 | + .2<br>-1.1        | N25-48.9<br>W080-17.3 | - .6<br>+ .3        | Block out                    |
|                         |                       |      |                       |                     |                       |                     |                              |
|                         |                       |      |                       |                     |                       |                     | 1730                         |
|                         |                       |      |                       |                     |                       |                     |                              |
|                         |                       |      |                       |                     |                       |                     |                              |
|                         |                       |      |                       |                     |                       |                     |                              |