

19820604ILFDIR

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------|----------|
| RFC-1 WORK FORM<br>(7-76)                                                                                                                                                                                                                                               |       | U.S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION<br>RESEARCH FACILITIES CENTER<br>MIAMI, FLORIDA |                                 | AIRCRAFT<br>N43NF    |          |
| FLIGHT LOG                                                                                                                                                                                                                                                              |       |                                                                                                                                |                                 | FLIGHT NO.           |          |
|                                                                                                                                                                                                                                                                         |       |                                                                                                                                |                                 | FLIGHT ID<br>830604I |          |
|                                                                                                                                                                                                                                                                         |       |                                                                                                                                |                                 | DATE<br>JUN 4, 82    |          |
| TAKE OFF (City or airport)<br>MIA                                                                                                                                                                                                                                       |       | LAND (City or airport)<br>MIA                                                                                                  |                                 | ALTITUDE<br>SH       |          |
| PURPOSE NHC - HURRICANE ALBERTO RECON                                                                                                                                                                                                                                   |       |                                                                                                                                |                                 |                      |          |
| PROPOSED TAKEOFF TIME: 0300Z                                                                                                                                                                                                                                            |       |                                                                                                                                | PROPOSED FLIGHT DURATION: 8 HRS |                      |          |
| TIME IN: 1050Z                                                                                                                                                                                                                                                          |       |                                                                                                                                | TIME ON: 1044Z                  |                      |          |
| TIME OUT: 0300Z                                                                                                                                                                                                                                                         |       |                                                                                                                                | TIME OFF: 0310Z                 |                      |          |
| BLK. TIME: 7:50 HRS                                                                                                                                                                                                                                                     |       |                                                                                                                                | FLIGHT TIME: 7:34 HRS           |                      |          |
| FLIGHT PERSONNEL                                                                                                                                                                                                                                                        |       |                                                                                                                                |                                 |                      |          |
| OPERATIONS CREW                                                                                                                                                                                                                                                         |       | SCIENTIFIC CREW                                                                                                                |                                 | VISITORS             |          |
| TURNER                                                                                                                                                                                                                                                                  | IZOSE | DAVIS                                                                                                                          |                                 | HAND                 | FEINBERG |
| MANDELKERN                                                                                                                                                                                                                                                              |       | DANBY                                                                                                                          |                                 |                      | GRIFFEN  |
| SCHISSEL                                                                                                                                                                                                                                                                |       | BERLES                                                                                                                         |                                 |                      | SHEAHAN  |
| CORRELL                                                                                                                                                                                                                                                                 |       | JARYI                                                                                                                          |                                 |                      | WATKINS  |
| PROPOSED MISSION<br>RECON ALBERTO AT SH - 04Z, 06Z, 09Z FIXES<br>- NO PRESCRIBED PATTERN                                                                                                                                                                                |       |                                                                                                                                |                                 |                      |          |
| ACTUAL MISSION AND REMARKS<br>AT 0430Z REQUESTED TO DO ALPHA PATTERN<br>AT 1500' - AT 0500Z REQUESTED TO DO<br>1 → 2 → 3 → 4 → 5 → 1 → 4 → 3 → 1<br>COMPLETED AS PLANNED EXCEPT<br>AFTER LAST PENETRATION, MISSION<br>TERMINATED BY NHC -<br>3 5 FIXES XMTD, 16 RECORDS |       |                                                                                                                                |                                 |                      |          |
| DATA COLLECTED AND REMARKS<br>1 STD FLT LVL TAPES, 8 RADAR TAPES<br>ALL FIXES SUSPECT DUE TO LARGE NAV ERROR                                                                                                                                                            |       |                                                                                                                                |                                 |                      |          |

| A/C<br>COMMANDER | NAVIGATOR       | A/C<br>NO.  | MISSION<br>NO. | TIME<br>AIRBORNE | LOCATION     | DATE            | PROJ.<br>NAME  |
|------------------|-----------------|-------------|----------------|------------------|--------------|-----------------|----------------|
| <i>Turner</i>    | <i>Schussel</i> | <i>43RF</i> | <i>820604I</i> | <i>030944</i>    | <i>Miami</i> | <i>4 Jun 82</i> | <i>ALBERTO</i> |

| TIME<br>OF<br>ENTRY | POSITION                   | TYPE                  | INERTIAL<br>POSITION       | LAT<br>LON<br>COR'S    | POSITION                   | LAT<br>LON<br>COR'S    | REMARKS               |
|---------------------|----------------------------|-----------------------|----------------------------|------------------------|----------------------------|------------------------|-----------------------|
| <i>025915</i>       | <i>25-48.2<br/>80-17.6</i> | <i>4</i>              | <i>25-48.2<br/>80-17.5</i> |                        | <i>25-48.2<br/>80-17.5</i> |                        | <i>B-L-O-A</i>        |
| <i>030944</i>       | <i>25-48.2<br/>80-17.6</i> | <i>4</i>              | <i>25-48.0<br/>80-17.0</i> |                        | <i>25-47.9<br/>80-17.0</i> |                        | <i>T.O.</i>           |
| <i>040352</i>       |                            | <i>10</i>             | <i>24-51.2<br/>83-51.8</i> |                        | <i>24-51.2<br/>83-52.3</i> |                        | <i>5 ALBERTO</i>      |
| <i>044916</i>       |                            | <i>10</i>             | <i>24-50.0<br/>84-06.3</i> |                        | <i>24-49.3<br/>84-06.5</i> |                        |                       |
| <i>053856</i>       |                            | <i>10</i>             | <i>24-48.6<br/>84-10.3</i> |                        | <i>24-48.6<br/>84-10.6</i> |                        | <i>5 ALBERTO</i>      |
| <i>064505</i>       |                            | <i>10</i>             | <i>24-58.8<br/>84-33.4</i> |                        | <i>24-57.8<br/>84-31.8</i> |                        | <i>6 ALBERTO</i>      |
| <i>080851</i>       |                            | <i>10</i>             | <i>25-12.2<br/>84-44.7</i> |                        | <i>25-12.6<br/>84-44.2</i> |                        | <i>5 ALBERTO</i>      |
| <i>093739</i>       |                            | <i>10</i>             | <i>25-12.6<br/>84-51.8</i> |                        | <i>25-12.8<br/>84-53.1</i> |                        | <i>5 ALBERTO</i>      |
| <i>0940</i>         |                            | <i>10</i>             | <i>25-05.7<br/>84-59.1</i> |                        | <i>25-06.1<br/>85-00.4</i> |                        |                       |
| <i>104900</i>       | <i>25-48.2<br/>80-17.6</i> | <i>4</i><br><i>10</i> | <i>25-32.8<br/>81-25.5</i> | <i>+15.4<br/>-67.9</i> | <i>25-32.5<br/>81-26.0</i> | <i>+15.7<br/>-68.4</i> | <i>G.S. #1<br/>#2</i> |
|                     |                            |                       |                            |                        |                            |                        |                       |
|                     |                            |                       |                            |                        |                            |                        |                       |

| SYS             | BEGIN<br>ALIGN TIME | NCS<br>CONN | Ω<br>AID | TIME OUT OF<br>COARSE     | ALIGN<br>STS<br>0-5 | (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           |                     |             |          |                           |                     |                       |                      |               |                 |      |     |
| INS 2 or<br>IMU |                     |             |          |                           |                     |                       |                      |               |                 |      |     |

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