

19770923I1-FDIR

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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><b>N43RF</b>                |                  |
|                                                                                                                                                          |                | FLIGHT NO.<br><b>25-77</b>              |                  |
|                                                                                                                                                          |                | FLIGHT ID<br><b>770923I</b>             |                  |
|                                                                                                                                                          |                | DATE<br><b>9/23/77</b>                  |                  |
| TAKE OFF (City or airport)<br><b>SJU</b>                                                                                                                 |                | LAND (City or airport)<br><b>MIA</b>    |                  |
| ALTITUDE<br><b>1500, 10K, 20K</b>                                                                                                                        |                |                                         |                  |
| PURPOSE<br><b>INTERCOMP &amp; FERRY</b>                                                                                                                  |                |                                         |                  |
| PROPOSED TAKEOFF TIME: <b>1700Z</b>                                                                                                                      |                | PROPOSED FLIGHT DURATION: <b>4 hrs.</b> |                  |
| TIME IN: <b>2050</b>                                                                                                                                     |                | TIME ON:                                |                  |
| TIME OUT: <b>1705</b>                                                                                                                                    |                | TIME OFF: <b>1723</b>                   |                  |
| BLK. TIME: <b>3:45</b>                                                                                                                                   |                | FLIGHT TIME:                            |                  |
| FLIGHT PERSONNEL                                                                                                                                         |                |                                         |                  |
| OPERATIONS CREW                                                                                                                                          |                | SCIENTIFIC CREW                         |                  |
| VISITORS                                                                                                                                                 |                |                                         |                  |
| <b>GUNNOB</b>                                                                                                                                            | <b>GERISH</b>  | <b>McFADDEN</b>                         | <b>MALLINGER</b> |
| <b>SAMADIN</b>                                                                                                                                           | <b>HEBBERT</b> | <b>DANIELS</b>                          | <b>BLACK</b>     |
| <b>GEUZLINGER</b>                                                                                                                                        |                | <b>BRUNSON</b>                          | <b>LEWIS</b>     |
| <b>RICCI</b>                                                                                                                                             |                | <b>LOUDIN</b>                           | <b>MOSS</b>      |
|                                                                                                                                                          |                |                                         | <b>CUNNING</b>   |
|                                                                                                                                                          |                |                                         | <b>LOPEZ</b>     |
|                                                                                                                                                          |                |                                         | <b>WILLOWAY</b>  |
| PROPOSED MISSION<br><b>Formation Pt. for int. comp. @ F.L. 015, 100, 200</b><br><br><b>Ferry Home</b>                                                    |                |                                         |                  |
| ACTUAL MISSION AND REMARKS<br><b>As planned</b>                                                                                                          |                |                                         |                  |
| DATA COLLECTED AND REMARKS<br><b>Gain for Down Rad. for display should be ~15.3 (it appears to vary w/ Temp., i.e. not linear)</b>                       |                |                                         |                  |

1205  
 4-8.0 L 6.0 L 4.0 L 3.0 L 1.5

| A/C COMMANDER       |                    | NAVIGATOR |                | A/C NO.                        | MISSION NO.           | TIME AIRBORNE      | LOCATION              | DATE                                        | PROJ. NAME         |
|---------------------|--------------------|-----------|----------------|--------------------------------|-----------------------|--------------------|-----------------------|---------------------------------------------|--------------------|
| SALADIN             |                    | GERISH    |                | N43RA                          | 770923                | 1723               | SDU                   | 23<br>Sept<br>77                            | Ferry<br>To<br>MIA |
| TIME<br>OF<br>ENTRY | POSITION           | TYPE      | CONF.<br>FACT. | INERTIAL<br>POSITION<br>INE #1 | LAT.<br>LON.<br>COR'N | INE #2<br>POSITION | LAT.<br>LON.<br>COR'N | REMARKS                                     |                    |
| 1707                | 18 26<br>66 00     |           |                | 18 27.8<br>66 01.5             | -1.8<br>-1.5          | 18 27.8<br>66 01.5 | -1.8<br>-1.5          | BLOCK OUT                                   |                    |
| 1723                | 18 26<br>66 00     |           |                | 18 27.3<br>66 00.3             | -1.3<br>-0.3          | 18 27.3<br>6 59.9  | -1.3<br>+0.1          | TAKE OFF                                    |                    |
| 1925                |                    |           |                | 22 54.2<br>73 46.8             |                       | 22 54.4<br>73 46.5 |                       | #1 INE Malt 000010<br>loses interface w/NGF |                    |
| 2047                | 25 48.0<br>80 17.6 |           |                | 25 50.0<br>80 17.7             | -2.0<br>-0.1          | 25 50.4<br>80 17.1 | -2.4<br>+0.6          | Land                                        |                    |
| 2052                | 25 48.3<br>80 17.6 |           |                | 25 50.1<br>80 17.8             | -1.8<br>-0.2          | 25 50.4<br>80 17.1 | -2.1<br>+0.6          | Block IN GS, 3<br>Residual GS, 1            |                    |
|                     |                    |           |                |                                |                       |                    |                       |                                             |                    |
|                     |                    |           |                |                                |                       |                    |                       |                                             |                    |
|                     |                    |           |                |                                |                       |                    |                       |                                             |                    |
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|                     |                    |           |                |                                |                       |                    |                       |                                             |                    |
|                     |                    |           |                |                                |                       |                    |                       |                                             |                    |

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR  
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL  
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)