

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 RESEARCH FACILITIES CENTER
 MIAMI, FLORIDA

AIRCRAFT: N43RF
 FLIGHT NO.:
 FLIGHT ID: 800804 I
 DATE: 4 AUG 80

TAKE OFF (City or airport): MIA LAND (City or airport): SJU
 ALTITUDE: VAR.

PURPOSE: FERRY & INTERCAL.

| | |
|-----------------------------|---------------------------------|
| PROPOSED TAKEOFF TIME: 1600 | PROPOSED FLIGHT DURATION: 3+ |
| TIME IN: 1953 Z | TIME ON: 1944 Z |
| TIME OUT: 1602 Z | TIME OFF: 1618 Z |
| BLK. TIME: 3+517 | FLIGHT TIME: 3+26 ²⁵ |

FLIGHT PERSONNEL

| OPERATIONS CREW | | SCIENTIFIC CREW | | VISITORS | |
|-----------------|-----------|-----------------|-------|----------|--|
| TURNER | BERNER | McFADDEN | STONE | BLACK | |
| MANDLEKERN | SCHISSELL | LAMERECHT | | WERTIL | |
| CICIRELLI | NUNN | GOLDSTEIN | | MARKS | |
| RICCI | | BERLES | | HEBERT | |

PROPOSED MISSION

- Ferry to SJU for Hurr. Allen
- Intercomp enroute w/ 1min level @ 4801ft
- WIND $\swarrow \searrow$

ACTUAL MISSION AND REMARKS

| | | |
|--------|-----------|-------------------------|
| LVL 4K | 1621-1622 | LVL RUNS |
| 8K | 1626-1628 | |
| 11K | 1634-1637 | 42/43 RA OFF |
| | 1638-1640 | 41/43 RA OFF Inti. Comp |
| | 1642-1645 | 41/42 RA OFF |
| | 1647/30 | CLIN |

DATA COLLECTED AND REMARKS

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

| | | | | | | | |
|---------------------|---------------------------------|---------------|-------------|---------------------------|--------------------------------------------|----------------|-------------------------------------------|
| COMMANDER Warner | NAVIGATOR Shissel Beugner | A/C NO. 43 | MISSION NO. | TIME AIRBORNE 16 17:25 | LOCATION KMIA N 25-49.3 W 80-17.6 | DATE Aug 90 | PROJ. NAME "Allen" Deploy to SSU |
|---------------------|---------------------------------|---------------|-------------|---------------------------|--------------------------------------------|----------------|-------------------------------------------|

| TIME OF ENTRY | POSITION | TYPE | INERTIAL POSITION | LAT LON COR'S | POSITION | LAT LON COR'S | REMARKS |
|---------------|------------------------|------|------------------------|---------------|------------------------|---------------|--------------------------|
| 1558 1604 | N 25-48.3 W 80-17.6 | 4 | N 25-48.3 W 80-17.6 | | N 25-48.3 W 80-17.6 | φ φ | Eng Taxi Toff |
| 1617 | | | | | | | |
| 1633 | N 25-35.0 W 79-14.0 | 2 | N 25-36.4 W 79-15.0 | -1.4 -1.0 | N 25-36.4 W 79-15.1 | -1.4 -1.1 | BSY 094°T/51 |
| 1722 | | | N 23-39.0 W 75-43.9 | | N 23-39.0 W 75-44.2 | | FL 250 Zig Zag |
| 1808 | N 21-52.0 W 71-59.5 | 2 | N 21-53.0 W 71-59.6 | -1.0 -0.1 | N 21-52.6 W 72-00.4 | -0.6 -0.9 | GT 298°T/54.5 |
| 1818 | | | | | | | O/H GT GT 2 Hr. → BQN |
| 1837 | | | N 20-25.0 W 69-45.0 | | | | MJ25 FIR |
| 1944 | | | | | | | Land SSU |
| 1952 | N 18-26.4 W 66-00.7 | | N 18-27.1 W 66-00.0 | -0.7 +0.7 | N 18-27.0 W 66-00.7 | -0.6 φ | checks |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| SYS | BEGIN ALIGN TIME | NCS CONN | Ω AID | TIME OUT OF COARSE ELAPSE ALIGN POST TIME | ALIGN STS 0-5 | (1) TIME INTO NAV. | (2) TIME OUT NAV. | Δ T (2)(1) | TERMINAL ERRORS | | |
|--------------|------------------|----------|--------|-------------------------------------------|---------------|--------------------|-------------------|------------|-----------------|------|----|
| | | | | | | | | | LAT | LONG | GS |
| INS 1 | 1516 | 32 | φ Dplr | — | 3 | 1557 | 1953 | 3+56 | -0.7 | +0.7 | 1 |
| INS 2 or IMU | 1516 | 32 | φ Dplr | — | 2 | 1557 | 1953 | 3+56 | -0.6 | φ | 1 |

ALIGN REMARKS: Ω sta. RTE deselected

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