

RFF-10 WORK FORM
(6-64)

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
RESEARCH FLIGHT FACILITY
MIAMI, FLORIDA

FLIGHT LOG

AIRCRAFT

N6540C

FLIGHT NO.

30-69

FLIGHT ID

81107B

DATE

7 NOV 68

ALTITUDE

7K, 18K

TAKE OFF (City or airport)

MIAMI

LAND (City or airport)

MIAMI

PURPOSE

NHRL Research

PROPOSED TAKE OF TIME:

1500Z

PROPOSED FLIGHT DURATION:

6:00

TIME IN:

1905

TIME ON:

1900

TIME OUT:

1455

TIME OFF:

1505

BLK. TIME:

4:10

FLIGHT TIME:

3:55

FLIGHT PERSONNEL

OPERATIONS CREW

WEATHER CREW

VISITORS

McCANN

ROSE

FRIEDMAN

PEARCE (NHRL)

SALADIN

THOMPSON

LUBIN

MCCARTHY

CICINELLI

PROPOSED MISSION

BSY 5000' - 090° MH - 77°W - RT TURN TO 225° MH - 78°W, RT TURN TO 360° MH - 27°N LEFT TURN 180° MH - 24°45'N, LEFT TURN 045° MH - 77°W, LEFT TURN 270° MH - 80°W, CLIMB TO 18,000 FT OVERHEAD BSY 090° MH - 77°W, RT TURN 270° MH - 80°W, TERMINATE BSY. ALL POSITS ABOVE ARE DOPPLER INDICATED NOT ACTUAL.

ACTUAL MISSION AND REMARKS

FLT AS ABV (LOW LEVEL) TO ~ 24°45'N. AFTER TURNING TO 045° MH LOST #4 ENGINE AND ABORTED FLT PATTERN (1503Z). RETURNED TO MIA.

SOME MOMENT DURING FLT.

N-1 MASTER AND DIR. READOUT OF MH ~ 0.5° difference on N-E legs. APPEARED to be within 0.1° E-W legs.

DATA COLLECTED AND REMARKS

TAPE 1, PP. 1, LSC 1, RSC 1, NC 1, RDR-10 1, WP-101 1, APS-20 1, PAY PT DIG-CT. 0090 (TEMP 33°C).

MIA: T 72°F

STN PRESS 1015.4mb

A/C T +24.5°C

AMB PRESS 1015.8mb

Ta 64°F

SEAWL PRESS 1015.4mb

Ta +15°C

TAS -2, DA 00, GS 22.19, DRY PT 0090

USCOMM-WB-DC