

RFF-10 WORK FORM
(6-64)U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
RESEARCH FLIGHT FACILITY
MIAMI, FLORIDA

FLIGHT LOG

AIRCRAFT

N6540C

FLIGHT NO.

27-69

FLIGHT ID

81016B

DATE

16 OCT 68

ALTITUDE

10, - 20K

TAKE OFF (City or airport)

MIAMI

LAND (City or airport)

MIAMI

PURPOSE

RESEARCH - GLADYS - NHRL

PROPOSED TAKE OF TIME:

1915Z

PROPOSED FLIGHT DURATION: 4:00

TIME IN:

2235

TIME ON: 2230

TIME OUT:

1905

TIME OFF: 1915

BLK. TIME:

3:30

FLIGHT TIME: 3:15

FLIGHT PERSONNEL

OPERATIONS CREW		WEATHER CREW		VISITORS	VISITORS
McCANN		FRIEDMAN	NORIMOTO	POTHIER (MIAMI HERALD)	SHEETS (NHRL)
CLARK		MICHIE	NUNN	LOGAN (WIRZ)	TRUE (NHRL)
LUBIN		THOMPSON	De VOL	HAWKINS (NHRL)	
RICCI		MCCARTHY		DARBY (NHRL)	

PROPOSED MISSION

MIAMI - EYN - VICINITY 23.5N 83.5W (50 N.M. RADII). - 20,000 ft.
Hawkins to select 3 clouds (in suitable rainbands) to make foil - and
Formvar (measurements) observations. To depart area prior to 16/2300Z.

ACTUAL MISSION AND REMARKS

AS ABV. Then descended to ~10K and headed to 23.5N 83W to try
and pick-up circulation in "fix". Located a well centered by penetration 21/230Z,
2352N 8324W. Encountered severe turbulence when departing downwind center area
in EYN. max. wind observed ~74 knots in SE quad.

DATA COLLECTED AND REMARKS

Settings: GS - 22.19 Hz/Kt

DA - +0.5R

TAS - +2 knots

11K dry point: 0133 (temp at +34.5°C)

STN PRESS. (MIAMI)

TEMP

Td

DD/FF

29.86

76°F

70°F

130/18

A/C T/6

T_v 23.8°C

P 1010.5

11K 19°C

DATA: TAPE 1

Radar:

AP-20 1

WP-101 1

LOR 1

LS 1

PP 1

NCE 1

1 roll visio.

Sp. data (Fol, Formvar) coll by NHRL.

USCOMM-WB-DC