

19790830I1_FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT 43 RF	
				FLIGHT NO. 95-79	
				FLIGHT ID 790830I	
				DATE August 30, 1979	
FLIGHT LOG					
TAKE OFF (City or airport) MJSJ		LAND (City or airport) KMIA		ALTITUDE 1500'	
PURPOSE Hurricane research and eye fix.					
PROPOSED TAKEOFF TIME: 0700 Z		PROPOSED FLIGHT DURATION: 10 hrs			
TIME IN: 1540		TIME ON: 1534			
TIME OUT: 0700		TIME OFF: 0710			
BLK. TIME: 08:40		FLIGHT TIME: 08:23			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
Turner		Roschy	Munn	Sheets	Drzyzga
Perry		Darby		Wirtel	Rebich
Ricci		Goldstein		Martin	Dale
Beraner		McRory		Hawkins	Kroft
PROPOSED MISSION 09/12 Z Fixes Low level long term monitor pattern #				Eyres Brown Sawyer } Watch Post	
ACTUAL MISSION AND REMARKS Modified pattern #1 To exit thru storm from pt 1 to 2 to 3 at 5 kft. TAPE MALF 0703 - 07512 0851 - 09132					
DATA COLLECTED AND REMARKS The required fixes, recco reports and data for NHEM2 hurricane research					

1

RFC-2 WORK FORM (7-76)						U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		FLIGHT ID 95-79	
FLIGHT DIRECTOR'S INFLIGHT DATA LOG								DATE Aug. 30, 1979	
		TIME	PRESSURE	TEMPERATURE	DEW POINT	WIND			
A/C	T/O	0711							
WX	STN.								
A/C	LAND								
WX	STN.								
HOURLY INFILIGHT DIGITAL DATA STATUS									
ITEM	HOUR	0730							
TIME		0730	0800	1000	1200	1300			
POSITION		17.6N 65.2W	15.3 65.6	14.9 64.1	12 63	19.5N 62.8W			
GROUND SPEED		↑	↑	↑	↑	↑			
TRUE AIR SPEED		↑	↑	↑	↑	↑			
PRESSURE		↑	↑	↑	↑	↑			
PITCH						↑			
ROLL						↑			
HEADING		↑	↑	↑	↑	↑			
RADAR ALT.		↓	↑	↑	↑	↑			
ATTACK ANGLE			↑	↑	↑	↑			
SIDESLIP ANGLE		↑	↑	↑	↑	↑			
TEMPERATURE		↓	↑	↓	?	?			
DEW POINT		↓	↑	↑	?	↓			
J.W. LIQUID WATER		↑	↑	↑	↑	↑			
I. R. SIDE		NA	NA						
I. R. DOWN		↓	↑	↑	↑	↑			
REMARKS:									

[illegible]

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Turner	Begner	N133F		071100	N 18-26.3 W 66-00.9	30 Aug 79	David

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	INS #2/50 POSITION	LAT LON COR'S	REMARKS
0655 0700	N 18-26.3 W 66-00.9		N 18-26.3 W 66-00.9		N 18-26.3 W 66-00.9		ENG TAXI
0711							TotH
0727			N 18-26.4 W 66-07.9		N 18-26.4 W 66-07.9		
0840			N 16-09 W 64-32				eye "David"
0915			N 16-57.0 W 65-26.5		N 16-57.2 W 65-26.5		
0952			N 16-57.0 W 65-13.6		N 16-57.2 W 65-12.7		
1034			N 16-42.7 W 65-27.0		N 16-42.8 W 65-24.6		
1110			N 16-19.9 W 65-05.2		N 16-15.1 W 66-07.7		eye "David"
1203			N 16-19.4 W 65-09.1		N 16-19.7 W 65-09.1		eye "David"
1221			N 17-26.5 W 65-24.2		N 17-26.5 W 65-24.2		leave "David" → 240
1303	N 19-30 W 68-03		N 19-32.9 W 68-04.5	-2.9 -1.5	N 19-33.3 W 68-04.3	-3.3 -4.3	3L2-3830 3L3 930 BL
1423			N 23-15.5 W 74-45.5		N 23-15.5 W 74-45.5		

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS		
				ELAPSE ALIGN POST TIME					LAT	LONG	GS
INS 1	0536	32	2	—	5	0655	1541	846	+0.1	+0.1	3
INS 2 or IMU	0536	32	2	—	5	0655	1541	846	+0.1	-0.1	3

ALIGN. REMARKS: both aligned.

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

12101
53
6.16