

19790831H1-FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N42RF	
				FLIGHT NO. 96-79	
				FLIGHT ID 790831I	
				DATE 790831	
TAKE OFF (City or airport) KMIA			LAND (City or airport) KMIA		ALTITUDE 5kft and 10kft
PURPOSE Fixer and Research, Hurricane David					
PROPOSED TAKEOFF TIME: 1700 Z			PROPOSED FLIGHT DURATION:		
TIME IN: 0716			TIME ON: 0707		
TIME OUT: 2136			TIME OFF: 2151		
BLK. TIME: 0925			FLIGHT TIME: 0916		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
Noble		Rosby	Nunn	Sheets	Hall
Turner		Darby		Wirtel	Mc Cormick
Picci		McCrory		Hicks	Wiles
Beranger		Goldstein		Wilcox	McLaughlin
PROPOSED MISSION Radar fix of storm position					Pendergast
ACTUAL MISSION AND REMARKS Inferred storm position by estimating center of circulation from curvature of wind.					
DATA COLLECTED AND REMARKS					

[illegible]

[illegible]

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Turner		Bergner		N43RF		4679		2150:40		KMIA N 25-48.3 W 76-17.6		31 Aug 79		"David"	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	INERTIAL POSITION		LAT LON COR'S	REMARKS						
2136	N 25-48.3 W 76-17.6		N 25-48.3 W 76-17.6			N 25-48.3 W 76-17.6			ENG TAXI						
2150									T-M						
2159	N 25-43 W 79-42		N 25-43.4 W 79-45.0		-0.4 -3.0	N 25-43.7 W 79-44.9		-0.7 -2.9	EPV 2710T/25.5						
2248	N 23-30.0 W 76-38.5		N 23-29.6 W 76-38.6		+0.4 -0.1	N 23-29.9 W 76-38.3		+0.1 +0.2	3L5 - 4160 3L3 - 3500						
2351			N 19-28.6 W 73-12.7			N 19-28.9 W 73-12.0									
0119	N 17-51.8 W 68-17.5		N 17-51.7 W 68-18.6		+0.1 -1.1	N 17-52.0 W 68-17.9		-0.2 -0.4	MHZ 2500T/70						
0215	20-08.5 71-21.0		N 20-08.2 W 71-26.9		-0.3 -5.9	N 20-08.1 W 71-26.3		-0.1 -5.9	GT 187.50T/80						
0238	N 20-17.5 W 72-41.8		N 20-16.2 W 72-43.2		+1.3 -1.4	N 20-16.2 W 72-42.6		+1.3 -0.8	GT 2320T/113						
0424	N 20-08.0 W 71-10.8		N 20-08.3 W 71-11.2		-0.3 -1.2	N 20-08.5 W 71-11.2		-0.5 -1.2	ZIN 0000T/77.5 3L2 - 1740						
0526									Liv Area 17 FL240						
0535	N 20-57.6 W 73-40.7		N 20-57.0 W 73-41.4		+0.6 -0.7	N 20-56.9 W 73-40.5		+0.7 +0.2	C/H ZIN						
0707									Land KMIA						
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE		ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS					
				ELAPSE	ALIGN POST TIME					LAT	LONG	GS			
INS 1	2020	34	52			5	2038	0717	10457	+0.4	-0.1	3			
INS 2 or IMU	2020	34	52			5	2038	0717	10457	+0.4	-0.3	1			
ALIGN REMARKS: Both 30 Mins															
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															

30 77
20 20
10 57