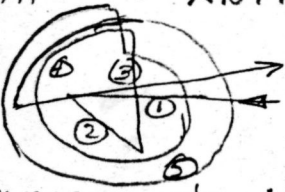


19770901I - FDIR

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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. 20-77	
				FLIGHT ID 770901I	
				DATE 1 SEPT. 77	
TAKE OFF (City or airport) MIAMI			LAND (City or airport) MIAMI		ALTITUDE 1000'
PURPOSE SAIL LASER WAVE HT'S.					
PROPOSED TAKEOFF TIME: 1630			PROPOSED FLIGHT DURATION: 10 hrs.		
TIME IN: 0200			TIME ON: 0150		
TIME OUT: 1625			TIME OFF: 1635		
BLK. TIME: 9+35			FLIGHT TIME: 9+15		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER	1	McFADDEN		ROSS	ELDER
SALADIN		DANIELS		Berles	CUNNING
GERISH		DUGRAND		Gritton	POWELL
Ricci		BRUNSON		WILLOUGHBY	O'RIOREN
PROPOSED MISSION T.O. MIA → ANITA (24°55'N 95°55'W). Penetrate storm & begin butterfly pattern at 1000'					
ACTUAL MISSION AND REMARKS T.O. MIA → ANITA → Penetrate E to W; downwind (2); penetrate (3); circumnav. @ 90kt wind radius; circumnav. at 60-70 kt wind radius (5); penetrate (6); in MIA; radar out initial penetration, but returned  23Z Pos. 24°45'N 96°05'W.					
DATA COLLECTED AND REMARKS on initial downwind ① STD Met. Tape ② Hi Spd. Tape of WAVE HT. DATA					

070° 15.0 316R 118 300 → 6.0 → 30 130 240 / 21

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE		LOCATION	DATE	PROJ. NAME
TURNER TURNER		GERISH		NOAA 43	770901	1635		MIAMI	1 Sept. 77	ANITA
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL #1 POSITION	LAT. LON. COR'N	#2 POSITION	LAT. LON. COR'N	REMARKS		
1624	25 48.3 80 17.6			Unaided 25 48.2 80 17.6	+0.1 0	Unaided 25 48.2 80 17.6	+0.1 0	Block Out		
1635	25 48.0 80 17.6			25 47.9 80 17.5	+0.1 +0.1	25 48.0 80 17.7	0 -0.1	Take Off		
1730				26 00.3 85 14.9		26 00.7 85 14.8		064/24 Wind		
2000				24 55 95 45				Eye		
2053				24 50.6 94 50.3		24 52.7 94 50.0		3H3 1700		
2102	24 36 94 51			24 32.7 94 50.0	-3.3 -1.0	24 34.9 94 49.9	-1.1 -1.1	3H2 3170 3H3 1650		
2300				24 44 96 05				Eye		
0153	25 48.0 80 17.6			25 52.9 80 18.0	-4.9 -0.9	25 46.8 80 20.0	+1.6 -2.4	Land		
0157	25 48.3 80 17.6			25 53.1 80 17.9	-4.8 -0.3	25 46.6 80 20.0	+1.7 -2.5	Block IN Residual 65.1 65.0		

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)