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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 LOG		FLIGHT NO. 101-79	
		FLIGHT ID 790913 #I	
		DATE SEP. 12, 79	
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE 1500'	
PURPOSE NHEML-RESEARCH, HURRICANE FREDERIC			
PROPOSED TAKEOFF TIME: 0500Z		PROPOSED FLIGHT DURATION: 10 HRS	
TIME IN:		TIME ON:	
TIME OUT: 0455Z		TIME OFF:	
BLK. TIME:		FLIGHT TIME:	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
WERLEY COX	DAVIS MELISANO	HEMINGTON BLACK	
PENRY	SIME	MOKHER MARTIN	
ADAMS	PENNELL	MOSLEY FIORINO	
RICCI	LAMBRICHT	ELKINS JARGENSEN	
PROPOSED MISSION			
ACTUAL MISSION AND REMARKS			
DATA COLLECTED AND REMARKS			

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
121339	25-41 86-05.3		25-48.1 86-09.4	-7.1 -4.1	25-40.1 86-07.4	+9 -2.1	340-2674 Update 241 2230 1119
140311	25-48.1 80-17.7		25-50.6 80-17.0	-2.5 +1.2	25-51.0 80-15.5	-2.9 +1.7	CAND
1406	25-48.3 80-17.6		25-50.3 80-17.7	-2.0 -1.1	25-51.1 80-15.9	-2.1 +1.7	Block in
					25-34 85-17 05		
							25 44.5
							85-00.0
							27.2 27.0 86 86
							5673
			ADIZ 1310				
					Dist	ETM	
		✓ 1	29.5 87.5			0842	
		✓ 2	29.0 87.15	87-09	35		
		✓ 3	28.4 87.9		53		
		✓ 4	29.0 86.25	86-15	94		
		✓ 5	28.4 87.0		53		
		✓ 6	26.3 85.75	87-45	143	1054	
		✓ 7	26.5 84.3		+21 79	1115	
		✓ 8	25.6 87.2		+13166	1137	1158 9
		✓ 9	25.7 85.4		+26 98	1203	1224
		1	24.4 84.8		+22 85	1225	1246 1
		2	25.4 83.8		+21 81	1246	1307
						1310	
						1324	1345

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION KM/A	DATE	PROJ. NAME
WERIFY	ADAMS	NLBRE	790912	050704	N25-48.3 W080-17.6	12 Sept 1979	"FREED"

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
045300	N25-48.3 W080-17.6	1/1	N25-48.2 W080-17.6	+1 0	N25-48.1 W080-17.5	+2 +1	Block out
050704	N25-48.1 W080-17.0	1/1	N25-47.9 W080-17.4	+2 -4	N25-47.8 W080-17.0	+3 0	TOFF 27R
052840	26-49.7 81-23.5	2/1	26-49.3 81-24.1	+4 -6	26-48.6 81-23.0	+1.1 +5	MOT LBN
054359	27-20.5 82-45	2/2	27-23.9 82-44.0	-3.5 +1.0	27-22.7 82-42.6	-2.2 +2.4	LBN VT 113/78.5
061731	28-41.3 85-19	2	28-42.3 85-24.7	-1.0 -5.7	28-40.5 85-23.4	+8 -4.4	348/92.5
060516			30-20.2 86-58.9		30-17.8 86-57.4		
077557			30-08.7 89-20.3		30-05.4 89-18.2		
084254			29-26.2 87-25.5		29-22.3 87-22.5		BT#1 14=1
085128			28-59.7 87-09.4		28-55.2 87-06.2		BT#2
100208			27-06.0 86-17.9		27-01.2 86-14.8		Change #1 in Plans
102254			27-19.4 87-15.1		27-13.8 87-11.4		
115829			25-04.0 87-14.1		25-36.8 87-10.4		

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	G S
INS 1	0405	✓	UNA	—	5	0404	1407	9.6	-2.0	-1.1	11
INS 2 or IMU	0405	✓	UNA	—	5	0404	1407	9.6	-2.8	4.7	2

ALIGN REMARKS:

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