

19790912HL-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. 123-79	
				FLIGHT ID 790912H	
				DATE 9/12/79	
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 1500 to 5000	
PURPOSE LONG TERM MONITORING					
PROPOSED TAKEOFF TIME: 0430Z			PROPOSED FLIGHT DURATION: 10+		
TIME IN: 1425			TIME ON: 1420		
TIME OUT: 0425			TIME OFF: 0440		
BLK. TIME: 10			FLIGHT TIME: 9+40		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE		MCFADDEN		JORGENSEN	BATES
NOBLE		LOUDIN		POWELL	
CORRELL		CONNOR		GRIFFIN	
NELSON		BRUNSON		PARADIS	
PROPOSED MISSION MIA TO STORM AREA (MINNOW INTERSECT) DESC. TO 1500' FOR THE PENETR. FLY 3-2-1-2-4-2-5-2-3-2-1 THEN CIRCUMNAV. W/ AXBT DROPS ALONG 26N					
ACTUAL MISSION AND REMARKS AS PLANNED W/ MOST PEN. AT 5000' AFTER 1 ST TWO					
DATA COLLECTED AND REMARKS					

790910H1

FREDERIC

0405-1405

TIME	LA	LO	Δ TIME	LA	LO
031300	26.05	086.57	07300	26.15	086.55
051500	26.15	086.55	591/4.1		
062000	26.55	086.55	03900	26.55	086.52
070300	26.68	086.60	003/11.4		
084300	26.80	086.73	03780	26.68	086.60
105100	27.18	086.92	331/4.4		
115700	27.35	086.92	04800	26.80	086.73
130800	27.62	087.03	315/3.9		
151700	27.90	087.37	07680	27.18	086.92
			336/6.0		
			03960	27.35	086.92
			360/4.8		
			05460	27.62	087.03
			340/5.8		
			06540	27.90	087.37
			312/7.0		

[illegible]

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Gunnor.		Nelson		N42		7909 12.		0438		N2548.3 W08017.6		12 Sept. 79		Fredrick S	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
0426	N2548.3 W08017.6	4	N2548.3 W08017.6		0	N2548.3 W08017.6		0	BIR.						
0438	N2548.0 W08017.6	4.	N2547.9 W08018.8			N2547.9 W08018.0			CHECK MARCO OK						
0540		9.	N2557.8 W08349.2			N2557.3 W08348.8									
0600		9.	N2624.6 W08628.3			N2623.8 W08628.0			PASS #1.						
0702		9.	N2631.6 W08633.9			N2630.7 W08633.8			PASS #2.						
0803		9	N2641.8 W08636.3			N2640.9 W08636.6			PASS #3.						
0907		9	N2651.6 W08648.7			N2650.5 W08647.5			PASS #4.						
1000		9	N2703.8 W08650.8			N2702.6 W08649.9			PASS #5						
1050		9/8	N2608.9 W08621.9			N2606.9 W08621.3			© 1045 INE #1 TO 2 ARDED						
1224		9/8	N2728.1 W08701.9			N2728.7 W08703.5			PASS #6.						
1258		9	N2748.8 W08533.6			N2744.4 W08535.3			Dep't Storm. → EPSON.						
1358	N2551.0 W08141.0	4.	N2552.3 W08142.8			N2547.1 W08144.5			MARCO Island S.						
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	0340	X	X	0350	5	0405	1426	10.4	0	-4	2.0				
INS 2 or IMU	0340	N	N	0350	5	0405	1426	10.4	+5.6	-2.7	4.0				
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															