

MOBAAZ
2709 Fredrick

1779091242.FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT NH2RF	
				FLIGHT NO. 124-79	
				FLIGHT ID 79091242	
				DATE Sept. 12, 1979	
				ALTITUDE 1500, 5000	
TAKE OFF (City or airport) KMIA			LAND (City or airport) KMIA		
PURPOSE 00, 03, 06 Z Fixes Hurricane "Fredrick" Project "Strike" research					
PROPOSED TAKEOFF TIME: 2200 Z			PROPOSED FLIGHT DURATION:		
TIME IN: 0846			TIME ON: 0841		
TIME OUT: 2202			TIME OFF: 2220		
BLK. TIME: 8:44			FLIGHT TIME: 8:21		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
Turner		Rosby		Willoughby	Hamington
Gonzinger		Darby		Gross	Boyd
Brenner		M. Rown		Wintel	
Pose		Goldstein		Hawkins	
PROPOSED MISSION 00, 03, 06 Fixes, AXBT drops according to pattern III, NHEML ops plan.					
ACTUAL MISSION AND REMARKS 00, 03, 06 Fixes. Modified plan as storm went ashore					
DATA COLLECTED AND REMARKS Down looking radiometer inop.					

[illegible]

FLIGHT 790912H1
AIRCRAFT 42RF
DATE 12 Sep 79
DAY # 253

TOTAL REELS	
VTR	0
DMTR 1	7
DMTR 2	4

REEL #	TIME ON	TIME OFF	NO	LF	TA	COMMENTS
1-1	224715	233949	✓	✓		
1-2	235310	005600	✓	✓		
1-3	010050	020100	✓	✓		
1-4	020425	030712	✓	✓		
1-5	031340	04152	✓	✓		
1-6	041843	052500	✓	✓		
1-7	053230	06352	✓	✓		OUT OF STORM 0600Z

[illegible]

790912H

Fredrick

Time	LA	LO	WD	WS	Ta	Tb	RA	PA	PH	SST	TRK	6P	1500'
2305	27.6	83.1	226	10	-5	19.3	6109	5820	5832	-1	222		1500'
2325	28.0	84.9	197	19	-6	-16							
2343	28.1	86.2	291	24	21	22	553	652	1414	/	297		
2345	28.7	86.5	190	24	23	23	620	620	1381	/	297		
2550	28.7	86.8	196	30	22	21	557	623	1372	/	298		
2352	28.9	86.9	204	32	22	21	543	680	1350	/	297		
2555	28.9	87.1	206	36	23	21	581	727	1326	/	297		
2400	29.1	87.1	215	46	22	21	597	811	1240	/	300	950	
0110	29.6	88.5	290	40	21	18	1662	2010	1082	/	232	962	5000'
0115	29.4	88.6	319	41	19	17	1669	1840	1266	/	238	981	
0120	29.3	88.8	323	25	19	16	1619	1748	1311	/	226	986	
0125	29.2	89.1	385	28	18	15	1643	1754	1333	/	30	989	
0130	29.4	89.0	334	27	18	15	1611	1746	1300	/	57	984	
0135	29.6	88.7	330	48	17	13	1662	1897	1180	/	61	973	
0140	29.8	88.3	290	16	22	18	1628	2050	977	/	60	947	
0150	30.2	87.6	156	35	18	18	1615	1811	1233	/	57	978	
0155	30.2	87.5	163	49	18	18	1585	1785	1234	/	250	975	
0200	30.1	87.8	165	55	21	17							
0240	29.8	87.8	203	46	18	17	1648	1876	1192	/	298	972	
0335	29.6	87.3	199	32	17	15	1628	1698	1372	/	58	994	
0410	28.9	88.7	290	22	19	14	1650	1699	1391	/	241	995	
0415	29.0	88.5	264	21	18	16	1640	1699	1388	/	61	996	
0420	29.2	88.1	235	27	18	16	1636	1698	1379	/	62	994	
0425	29.4	87.6	216	30	18	16	1632	1697	1376	/	58	994	
0440	29.7	87.0	200	22	18	16	1664	1708	1400	/	195	997	
0450	29.4	87.6	220	27	17	15	1655	1712	1386	/	240	995	
0500	29.2	88.1	253	22	18	16	1662	1712	1393	/	229	995	
0505	29.1	88.4	268	20	18	14	1669	1712	1401	/	240	996	
0515	29.2	88.0	230	23	18	16	1660	1712	1390	/	61	996	
0520	29.5	87.5	210	30	18	15	1661	1712	1390	/	62	996	
0540	29.5	87.4	215	28	18	15	1667	1708	1395	/	240	996	
0555	29.4	87.6	226	25	17	15	1666	1709	1398	/	59	997	
0605	RADAR EYE 30' 40' N 58° 24' W												

[illegible]

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Turner		Beigner		N42PF		12479H		22 19:54		KALIA N 25-48.3 W 80-17.6		12 Sept 79		"FRED"	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
2150 2202	N 26-17.3 W 80-17.6		N 26-49.2 W 80-17.5		+2.1 +0.3	N 26-48.3 W 80-17.6		+1.1 0	DAY 1						
2219															
2232	N 26-23.0 W 80-55.0		N 26-24.2 W 80-54.8		-1.2 +0.2	N 26-24.3 W 80-54.4		-1.3 +0.6	MIA 315°/35						
2258	N 27-23.9 W 82-33.3		N 27-24.6 W 82-33.4		-0.7 -0.1	N 27-24.8 W 82-33.3		-0.9 0	O/H SFG						
0012			N 29-40.2 W 88-07.2			N 29-40.6 W 88-06.9			eye "FRED" FIX						
0032	N 29-35 W 87-58		N 29-36.3 W 87-59.6		-1.3 -1.6	N 29-36.6 W 87-59.7		-1.6 -1.7	340 3491 341 2268						
0118	N 29-18.0 W 88-43.2		N 29-19.4 W 88-42.1		-1.4 +1.1	N 29-19.9 W 88-41.5		-1.9 +1.7	LEV 077°/24						
0144			N 29-55.5 W 88-02.2			N 29-55.8 W 88-02.0			eye "FRED"						
0208			N 30-04.0 W 88-17.8			N 30-04.4 W 88-17.5			eye "FRED"						
0220	N 29-12.5 W 88-18.5		N 29-14.6 W 88-17.9		-2.1 +0.6	N 29-15.0 W 88-17.5		-2.5 +1.0	LEV 084°/94						
0248			N 30-06.5 W 88-18.1			N 30-06.9 W 88-17.5			eye "FRED" FIX						
0359	N 29-18 W 88-05		N 29-11.7 W 88-05.3		+6.3 -0.3	N 29-12.2 W 88-04.5		+5.8 +0.5	LEV 084°/106 N/A						
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	2109	24	2			5	2134	0747		-0.1	-0.3	0			
INS 2 or IMU	2104	34	2			4	2131	0747		-0.3	+0.4	1			
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															