

19790914HI_FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N452F	
FLIGHT LOG				FLIGHT NO.	
				FLIGHT ID 790914H	
				DATE SEP 14, 79	
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 1500'	
PURPOSE NH C- INVEST. - PRE HENRI					
PROPOSED TAKEOFF TIME: 1600Z			PROPOSED FLIGHT DURATION: 9-10HRS		
TIME IN: 0150Z			TIME ON: 0146Z		
TIME OUT: 1600Z			TIME OFF: 1615Z		
BLK. TIME: 9:50HRS			FLIGHT TIME: 9:31HRS		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
WERLEY		GOLDSTEIN	DAVIS		
PENRY		BRANCH			
ADAMS		BRUNSON			
CORRELL		MCCARTY			
PROPOSED MISSION RECON. DISTURBANCE IN W. CARIB.					
ACTUAL MISSION AND REMARKS SA = -0.51 AS PLANNED - WEAK CENTER LOCATED AT 200201N 860451W AT 0157Z - SLP 1003MB HIGHEST WIND 1200/35KTS, 120NM E OF CENTER					
DATA COLLECTED AND REMARKS 1 STANDARD FLIGHT LEVEL TAPE					

1

790914H

DIXX INVER

TIME	TK	LA	LO	RA	PA	TA	TD	V.D	WS	SP		
1600	SWT	MIA	ALT	29.99		1015.6			A/C	1013.6		
161437	OFF	TRIP										
1653	RT	1.5K										
		RD NG	SA	SET	TO	0.0						
1700	245	24 05	82 96	570	571	22 21	161	14	1010			97
1710	244	23 77 46	83 60 36	582	571	22 22	147	12	1011			
1720	242	23 28	84 13	573	566	22 20	150	13	1010	+7		
1730	282	23 04	84 49	565	570	22 22	160	14	009	-5		
1740	216	22 43	85 12	577	588	24 21	155	13	008	-11		
1743		22 33	85 19				180	10				
1750		22 14	85 35	573	586	23 21	160	07	007	-13		
1755		22 00	85 49	563	587	24 22	145	05	006	-24		
1800		22 01	86 12	561	586	24 21	150	03	006	-25		
1805		22 00	86 30	586	614	23 21	130	04	006	-28		
1810		21 59	86 51	585	611	29 21	090	03	005	-27		
1815		21 58	87 13	581	612	25 21	060	06	005	-30		
1820		21 59	87 34	580	610	24 22	055	06	005	-31		
1826		22 00	87 58	584	608	25 22	045	07	006	-23		
1831		22 41	87 57	572	610	24 21	045	04	005	-34		
1838		21 34	87 28	569	608	25 21	050	04	004	-40		
1845		21 40	87 03	570	608	24 21	025	03	004	-39		
1853		21 33	86 38	572	608	23 22	110	03	003	-24		
1900		21 05	86 42	240	294	25 24	125	04	005	-53		
1905		20 46	86 42	240	294	26 24	070	06	005	-54		
1910		20 21	86 47	239	292	27 24	075	06	004	-57		
1915		20 12	87 00	215	310	26 25	360	07	004	-65		
1920		19 56	87 12	220	311	26 25	360	05	004	-60		
1925		19 51	87 00	247	302	26 24	360	03	004	-61		
1930		19 52	86 46	246	309	26 24	090	01	004	-61	9	
1935		19 52	86 17	594	627	23 23	190	18	003	-44		
1940		19 50	85 57	595	637	22 21	195	15	004	-42		
1945		19 50	85 38	602	632	23 20	185	14	005	-36		
1950		19 51	85 18	612	641	23 23	190	13	005	-34		
1955		19 51	84 56	605	638	22 21	200	13	005	-32		
2000		19 51	84 37	607	690	23 22	185	18	006	-27		
2005		19 51	84 15	606	640	24 22	150	15	005	-30		
2010		19 41	84 05	610	638	24 21	160	12	005	-29		
2020		19 16	84 21	600	628	24 21	180	12	005	-34		
2025		19 08	84 38	593	625	24 21	200	09	005	-32		
2030		19 00	84 54	592	624	25 19	225	09	005	-32		
2035		18 48	85 12	589	624	24 20	230	07	005	-35		
2042		18 36	85 37	588	625	24 21	235	05	005	-36		
2050		18 23	86 00	588	623	24 22	225	05	005	-36		
2058		18 07	86 27	586	623	24 21	250	05	004	-39		
2105		17 52	86 52	585	625	23 21	250	02	004	-39		
2112		17 58	87 17	584	622	24 21	280	03	004	-39		
2121		18 18	87 21	583	621	24 22	280	03	004	-40		
2130		18 46	87 08	579	624	24 22	300	04	003	-45		
2138		19 14	86 49	576	627	24 21	282	05	003	-47		
2145		19 46	86 53	598	644	25 21	280	04	003	-50		
2152		20 02	86 42	599	643	25 21	265	02	003	-47		
2157		20 20	86 40	603	652	24 22	150	04	003	-47	9	

790914H

TIME	TK	LA	LO	RA	PA	DV	TA	TD	WD	WS	SP		
2205		20 52	86 14	602	645	-43	24	20	140	09	004		
2213		21 05	85 55	606	644	-40	25	21	150	08	004		
2220		21 34	85 35	611	646	-36	29	22	140	10	005		
2230		21 41	85 67	616	644	-28	23	20	160	13	006		
2238		21 19	84 49	617	644	-26	23	23	150	14	006		
2247		20 56	84 30	602	632	-31	24	19	185	17	006		
2253		21 40	84 17	605	630	-23	23	21	170	15	006		
2300		20 20	84 00	609	632	-21	22	22	170	18	006		
2309		20 20	84 36	602	630	-29	23	20	195	10	006		
2317		20 20	85 09	577	614	-37	23	23	180	06	006		
2330		20 20	86 00	588	626	-40	24	22	175	04	004		
2340		20 20	86 38	585	624	-40	25	20	250	02	003		
2348		20 24	86 46	584	626	-41	24	22	100	02	003		
		20° 20' N	86° 42' W										9
0000		21 19	86 12	576	610	-32	24	23	130	08	005		
0015		22 08	85 40	579	605	-25	24	20	145	10	006		
0030		22 55	85 02	589	604	-15	23	22	138	18	007		
0045		23 29	84 13	601	604	-4	23	21	140	14	009		
0100		22 54	83 12	611	607	4	22	20	145	12	010		
0123		FPD = 256 IT = 1777 PRR = 0											
		ALT 2994											
014538	ON												
0150	IN MIA												

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION KMIN	DATE	PROJ. NAME
WEERLEY	ADAMS	N 47RF	790913	16 15	N25-48.3 W080-17.6	13 Sept 1979	INVESTIG DEPRESSION N22.2N86

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
160130	N25-48.3 W080-17.6		25-48.3 080-17.6	0 0	25-48.3 080-17.6	0 0	Block out
161438	N25-48.1 W80-17.0		25-47.6 080-17.5	+1.5 -1.5	25-47.6 080-17.5	+1.5 -1.5	TOFF
163949			24-41.8 81-28.2		24-41.8 81-28.2		246/19.5 EYW Low West
170101			24-01.1 83-03.0		24-01.0 83-03.1		CANDIA HAVANA FIR
175150			22-00.4 85-48.9		22-00.2 85-48.9		
172600			21-57.3 87-58.1		21-57.2 87-58.2		
190732	20-35 86-44.5	4	20-36.3 86-42.8	-1.3 +1.7	20-36.3 86-43.0	-1.3 +1.7	NOT Punta Molas del Norte
012049	24-35.1 81-48.0		24-34.8 81-48.5	+3 +1.5	24-34.7 81-48.1	+4 -4	NOT EYW
0146	N25-48.1 W080-17.5		N25-48.2 W080-17.5	-1 0	25-48.2 80-17.3	-1 +1.2	CAND MIA
0150	N25-48.3 W080-17.6		N25-48.4 W080-17.6	-1 0	25-48.3 80-17.4	-2 +1.2	Block IN
			19-40 86-27.1				1978

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS
INS 1	1530	✓			5	1542	0151	10.3	-1 0 1
INS 2 or IMU	1530	✓			5	1542	0151	10.3	-2 +1.2 1

ALIGN REMARKS: Ω I entire mission

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

70N
86-40W

0123 1/2
19 1/2
0142 1/2