

19770630HL 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. 29-77	
				FLIGHT ID 77083 OH	
				DATE AUG 30, 77	
FLIGHT LOG					
TAKE OFF (City or airport) DIA		LAND (City or airport) NRG		ALTITUDE 1.5, 12K	
PURPOSE NHEML-14 G RESEARCH/RECON HURRICANE ANITA					
PROPOSED TAKEOFF TIME: 0945Z		PROPOSED FLIGHT DURATION: 10 HRS			
TIME IN: 1930Z		TIME ON: 192600Z			
TIME OUT: 0940Z		TIME OFF: 095052Z			
BLK. TIME: 9:50 HRS		FLIGHT TIME: 9:35 HRS			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER	GERISH	FREEDMAN	FEDNELL	M. BRIDE	SHIETS
SALADIN	BERGNER	DAVIS	BROWN	SONELDER	JORGENSEN
NOBLE	CORRELL	BROWN			SPAHN
GENZLINGER	ROSE	CONNOR			FRANK
PROPOSED MISSION 42 HAS 12, 15, 18Z FIXES 1.5K PATTERN TO BE REPEATED UNTIL 12Z FIX.					
ACTUAL MISSION AND REMARKS AS PLANNED - 2 PENETRATIONS 1150Z G 2635N 9020W 1004MB 150°/50KTS FL 1430Z G 2635N 9024W 1003MB 140°/60KTS FL 65 EFC 1715Z G 2635N 9032W 1000MB 110°/60KTS FL 70 EFC 17 RECON					
DATA COLLECTED AND REMARKS 1 STANDARD DIG TAPE					

770830H

TIME	Hdg	LA	LO	RA	PA	DY	TA	TD	WD	WS			
0940	OUT												
0950	OFF												
1000	277	25	90	82	47	5810	5579	271	-5.7	-10.5	287	5.6	1009
1030	274	25	96	83	36	5813	5519	292	-5.9	-9.5	330	2.4	
1045	270	26	01	84	24	5803	5515	286	-6.6	-7.7	218	2.3	5870
1100	296	26	32	86	41	5800	5519	284	-5.4	-7.1	120	7.4	
1103	BEGIN DESCENT TO 15K												
1117	292	26	85	87	64	466	455	11	34.0	20.9	134	13.6	
1130	263	27	00	88	75	457	455	3	20.6	20.6	158	23	1012 150 40
1145		37	00	90	08						133	19	1006
1150	180	26	80	90	31				22.7	22.0	093	10	1005
1153	160	26	62	90	30				23.7	22.3	350	63	1005
1155		36	52	90	12				23.0	22.4	330	06	
1157	348	26	66	90	19						160	05	1006
1200	271	26	67	90	39	444	489	-46	23.6	22.2	354	05	260 0.5
→	~	1150	2	2635	9020	1004	MB						1
1215	274	26	58	91	46	450	487	-36	24.4	21.5	320	13	1006
1223	274	26	58	91	82	452	483	-24	25.2	20.2	330	13	1007 PT 2
1227	082	26	58	91	72	453	480	-27	24.5	22.5	320	16	1007
1230	085	26	58	91	39	415	482	-32	24.6	21.8	315	15	1006 310 25
1240	082	26	58	90	77	445	491	-44	23.9	23.1	330	7	1005 1009
1242	002	26	60	90	24	446	492	-46	23.1	22.0	170	4	1005
* →	1247	25	same as day										2
1255	005	27	05	90	33	453	492	-2.7	22.7	21.2	130	13	
EXTENSIVE RADAR ECHOES EAST SEMI CIRCLE, CLEAR WEST SEMI CIRCLE, PRECIPITATION GRADIENT PLANT TO WEST													
1300	009	27	37	90	33	463	492	-28	23.0	21.3	120	23	1010
1308	009	27	40	90	33	483	493	-8	23.0	20.7	115	20	1009 PT 3
1311	190	27	26	90	31	491	493	-11	23.3	20.6	115	22	1009
1318	170	37	48	90	33	462	494	-23	22.9	21.0	115	22	1007
1325	171	37	04	90	33	456	491	-33	23.0	21.1	112	14	1006
1330	173	36	25	90	33	446	490	-46	23.6	20.8	110	15	1005 110 30
1333	179	36	60	90	33	458	501	-50	24.0	21.6	180	03	1004
1335		36	56	90	33						300	61	1004
* →	1333	2	center same as day										3
1345	187	25	98	90	33	456	502	-49	23.8	22.8	250	17	1006
1355	189	25	36	90	33	446	476	-21	24.1	21.2	210	21	1008 210 40
1400	184	25	12	90	33	455	472	-16	24.6	22.9	210	20	1002 PT 4
1410	349	25	52	90	37	457	488	-27	23.9	22.1	235	24	1007
1426	353	26	17	90	37	446	500	-56	23.2	22.1	280	11	1004
1428			28		37						330	02	1004 1003 3
1429			63		20						120	13	1004
1435	092	26	58	89	91	479	511	-30	21.0	20.6	140	28	1008
1450	098	26	38	89	12	449	480	0	21.8	20.7	160	22	1011
1453	271	26	56	82	25	456	449	7	32.0	19.7	150	20	1012 PT 1
→	1430	2	2635	9024									4
1500	259	26	52	89	40	435	449	-18	21.7	19.0	165	27	1009 160 60
1511	265	26	59	90	20						136	15	1004
1515	180	26	55	90	42						330	02	1004
1516	270	26	47	90	47				24.1	21.2	303	09	1004
* →	1515	2	2632	9022									5
			2632	9022									

192601
1935

VTR

REEL #	TIME ON	TIME OFF	NO	LF	TA	CY	COMMENTS
V-1	1008		X	X	X	X	
V-2	1121	1235	X	X	X	X	
V-3	1237	1353	X	X	X	X	
V-4	1358	1510	X	X	X	X	
V-5	1512	1617	X	X	X	X	
V-6	1618	1725	X	X	X	X	
V-7	1726	1833	X	X	X	X	
V-8	1836						

FLIGHT 70830H

AIRCRAFT N42RE

DATE 30 AUG 77

DAY # 35

TOTAL REELS

VTR	8
DMTR 1	7
DMTR 2	6

DMTR 1

REEL #	TIME ON	TIME OFF	NO	LF	TA	COMMENTS
D1-1	1001	1135	X	X		
D1-2	1135	1311				
D1-3	1311	1452				NOSF OUT 1431-1451
D1-4	1454	1606	X	X		NOSF OUT 1431-1451
D1-5	1609	1720	X	X		
D1-6	1721	1843	X	X		
D1-7	1848		X	X		

DMTR 2

REEL #	TIME ON	TIME OFF	NO	LF	TA	COMMENTS
D2-1	17001	1815			X	
D2-2	11415	1335	X	X	X	
D2-3	1337	1512 1512	X	X	X	1512
D2-4	1514	1640	X	X	X	
D2-5	1645	1815			X	
D2-6	1817				X	

CAF
MIA 24 Dep
Sgk: 3620

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Turner		Bergner		NA2RF	770830	0950:55	KMIA N 25-48.3 W 80-17.6	30 Aug 77	Storm Recon
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	#1/#2/INERTIAL POSITION	LAT. LON. COR'N	N/A POSITION	LAT. LON. COR'N	REMARKS	
0931 0940	N 25-48.3 W 80-17.6			N 25-48.1 W 80-17.4	+0.2 +0.2			ENG TAXI	
0950				N 25-48.2 W 80-17.9				TOFF	
1000	N 25-53.0 W 80-42.0			N 25-52.2 W 80-41.9	+0.8 +0.1			3L5 8965/13356 3H1 3267/36456	
1040	N 25-59.5 W 84-18.0			N 25-59.9 W 84-18.7	-0.4 -0.7			3H0 1677 3H1 3320	
1200				N 26-35.0 W 90-20.0				1053 W/V 12019 Begin Pattern 1500 N 26-35.0 W 90-20.0	
								1200 Loran Recp. 1000 HF2 in use 1230 Loran Recp. Impr	
1240	N 26-35 W 90-51			N 26-35.1 W 90-51.7	-0.1 -0.7			3H2 1956 3H3 2930	
1330	26 50 90 19			26 49.3 90 20.1	+0.7 -1.1			3H2 1744 3H3 3020 GNI 003/007T	
1400	25 08 90 21			25 08.8 90 20.4	-0.8 +0.6			3H2 1956 3H3 2626	
1430	26 38 90 15			26 37.5 90 17.5	+0.5 +0.5			3H2 1754 3H3 2974	
1525	26 21 90 59			26 31.8 90 57.7	-0.8 +1.3			3H2 2007 3H3 2896	
1626	N 27-11.1 W 90-30.8			N 27-11.4 W 90-30.5	-0.3 +0.3			3H2 1754 3H3 3095	
180A	N 25-59.0 W 90-33.0			N 25-58.8 W 90-31.6	+0.2 +1.4			3H2 1930 3H3 2799	
1839				N 26-35.0 W 90-32.0				2V. PATTERN Dolphin, Leeville & NAS New Orleans	

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)

#29 NAS New Orleans
Keesler
F. H. R. F.

G. E. H. H. F.

PAGE 1 OF 2

#1 7 Dolphin
Leeville
NAS New Orleans

[illegible]