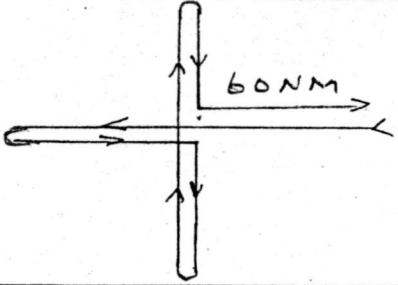


19770901H1-FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N42 RF	
				FLIGHT NO. 31-77	
				FLIGHT ID 770901H	
				DATE SEP. 1, 77	
TAKE OFF (City or airport) MIA			LAND (City or airport) HUB		ALTITUDE 10K
PURPOSE NHEML-NHC - RESEARCH/RECON HURRICANE ANITA					
PROPOSED TAKEOFF TIME: 1645Z			PROPOSED FLIGHT DURATION: 10HRS		
TIME IN: 0740Z			TIME ON: 073321Z		
TIME OUT: 2135Z			TIME OFF: 214911Z		
BLK. TIME: 10:05HRS			FLIGHT TIME: 9:44HRS		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
WERLEY	CORRELL	DAVIS	FREEDMAN		CHEETS
NOBLE	ROSE	BROWN			JORGENSEN
GENZLINGER	MONTAND	CONNOR			SPAHN
BERGNER		FENNELL			STEWART
PROPOSED MISSION 42 HAS 00,03,06Z FIXES AFTER FIRST PATTERAN LEGS CHANGED TO 20NM					
					
ACTUAL MISSION AND REMARKS AS PLANNED - 10 PENETRATIONS - LATE T/O MECHANICAL 0050Z 5 2434N 9616W 930MB FLO050/10SKTS SFC NA 0305Z 5 2424N 9634W 929MB FLO980/150KTS SFC NA 0548Z 5 2409N 9702W 927MB FL 1250/150KTS SFC NA RECON XMTD					
DATA COLLECTED AND REMARKS 1 STANDARD TAPE, 6VTR, 6DMTR1, 6DMTR2 RVS1, AV1 NG FLA2, FLO2 SHIFTED RIGHT 2 (IE) FLA2 = FLA2 + 4.0					

1

TIME	HDG	LA		LO		RA	D	TA	TD	WD	WS	HT	SP		
2230	272	25	56	83	20	5798	287	-6	-19	055	14	5815			
2245	276	26	01	84	58	5806	293	-7	-19	056	10	5872			
2300	270	26	02	86	31	5810	298	-6	-25	078	08	5876			
2330	259	25	54	89	39	5811	301	-6	-23	095	10	5881			
2345	262	25	39	91	23	5804	295	-6	-10	112	14	5875			
0000	246	25	25	92	54	3194	137	9	7	130	19	3151			
0015	237	25	02	94	00	3174	125	9	7	158	18	3132			
0030	272	24	46	95	65	3131	77	10	7	159	27	3086			
0035	245	24	46	95	33	3075	22	10	9	163	34	3027	107		
0040	228	24	41	95	55	2982	-82	11	11	154	44	2913	979		
0045		24	32	96	14			18	12	123	14	2512	929	✓	
45		24	35	96	17	3050		18	10	049	13	2518	931		
0046		24	35	96	22			17	14	023	33	2543	933		
0050	268	24	36	96	41	2934	-101	12	12	015	49	2977	979		
5	00452	24	34	96	16	930		XMTD							✓ 1
0056	285	24	24	97	10	3097	48	10	10	006	32	3065	998		
0059	AT PT	3													
0101	117	24	35	97	18	3101	58	10	8	007	33	3066	998		
0106	091	24	33	96	51	3055	8	10	10	011	37	3049	992		
0110	092		33		40	2935	-130	12	10	012	58	2860	972		
0112			33		30	2702	-795	14	13	009	64	2744	959		W 105
										017	60	2552	940		
			32		24					027	40	2528	931		
0115			34		20	2544	-492	17	13	021	25	2530	932		
0116			32		16	2521	-506	17	12	025	19	2512	920		
0117			30		16	2529	-948	18	13	180	08	2520	930		
0121	209	24	76	96	15	2895	-172	12	12	264	50	2866	974		S 115
5	01152	2430	96	18	930										✓ 2
0122	181	23	42	96	16	3094	34	10	9	270	29	3048	996		
0133	AT PT	4													
0135	013	23	32	96	19	3119	60	11	6	267	27	3070	998		
0140	364	22	55	96	17	3053	-410	10	10	262	35	2992	990		
0145	360	24	14	96	17	2241	-186	12	11	255	54	2792	961		
			21		17					250	62				
014830		24	30	96	18	2560	-487	17	15	180	18	2517	921		
			42		20					096	71				N 135
5	01492	2430	96	22											3
0200	25	20	96	31	3110	60	10	10	098	35	3070	999			
0203	AT PT	5													
0207	177	25	18	96	25	3101	50	11	9	691	37	3058	995		
0212	180	24	58	96	25	3010	-40	11	11	094	48	2963	984		
0217			40		25										
0220		24	27	96	26	2522	-478	16	14	098	78				N 150
			27	96	26	2522				180	64	2512	929		
0224		24	25	96	11					182	55				E 100
5	02222	2427	96	27	929										✓ 4
0230	090	24	27	95	41	3114	54	-10	9	170	31	3070	999		
0244	AT PT	3													
0250	275	24	23	95	40	2098	52	10	9	180	34	3057	997		
0252		24	23	96	51					190	66				
0305		24	23	96	35	2576	-487	16	14	222	16	2511	930		
0307										35	67				
5	0305	2424	96	34											5
0319	AT PT	3													

0636

A/C COMMANDER		NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Werley		Bergher	N42RF	770901	2149:15	KMIA N25-48.3 W80-17.6	1 Sept 77	"Anita"
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION #1	LAT. LON. COR'N	INE #2 POSITION	LAT. LON. COR'N	REMARKS
2053	N 25-48.3			N 25-48.7	-0.4	N 25-48.6	-0.3	ENG
2259	W 80-17.6			W 80-17.4	+0.2	W 80-17.5	+0.1	TAXI & Return for maint.
2133	N 25-48.3			N 25-48.6	-0.3	N 25-48.3	0.0	ENG
2138	W 80-17.6			W 80-17.5	+0.1	W 80-17.8	-0.2	TAXI
2148				NGFG N 25-48.3 W 80-18.1				TOFF
2236	N 25-56.0			N 25-57.8	-1.8			3H0 1489
	W 83-46.0			W 83-47.4	-1.4			3H1 3389
2300				N 26-03.2				
				W 86-29.0				
2322	N 25-58.0			N 25-59.0	-1.0			3H0 2737
	W 88-50.0			W 88-50.8	-0.8			3H1 1985
2330				N 25-53.8				
				W 89-41.6				
0040				N 24-34.8				☉ "Anita"
				W 96-16.0				
0119	N 24-26.0			N 24-26.5	-0.5			3H2 3507/3547
	W 96-15.0			W 96-15.7	-0.7			3H3 1253
0210				N 25-08.6				
				W 96-26.2				
0300				N 24-23.1				
				W 96-				
0349	N 23-24.0			N 23-24.7	-0.7			3H0 2905
	W 96-41.0			W 96-41.2	-0.2			3H3 1158
0431				N 25-32.4				
				W 96-44.8				
0538				N 24-08.3				
				W 96-48.2				

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)

#2 INS 1 KMIA 4 KCRP
 2 KMISY
 1 KHOU

PAGE #1

[illegible]

PAGE 2