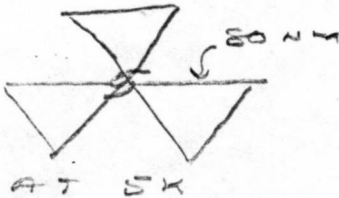


19810911I). FDIR

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RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N43RF	
				FLIGHT NO. 38-81	
				FLIGHT ID 810911I	
				DATE SEP 11, 81	
FLIGHT LOG					
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE SK	
PURPOSE NHRL-RESEARCH HURRICANE GERT					
PROPOSED TAKEOFF TIME: 1330Z		PROPOSED FLIGHT DURATION: 10 HRS			
TIME IN: 2305Z		TIME ON: 2301Z			
TIME OUT: 1305Z		TIME OFF: 1312Z			
BLK. TIME: 10:00HRS		FLIGHT TIME: 9.49HRS			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
MANDELKERN		DAVIS		JORGENSEN, LOND	
TURNER		DEVIVO		FEINBERG, FROSTEN	
RICCI		BERLES		GOLDENBERG	
ADAMS		CONNOR		IZON	
PROPOSED MISSION LONG TERM MONITORING PATTERN					
					
ACTUAL MISSION AND REMARKS AS PLANNED - 6 PENETRATIONS - 3 X MB FIVES 1515Z 29041'N 71020'W 994MB 3100/58KTS 1806Z 30025'N 70044'W 990MB 1700/68KTS 2015Z 30041'N 70021'W 988MB 1800/80KTS					
DATA COLLECTED AND REMARKS 1 STD FAT LVL TAPES; 2 RADAR TAPES; 9 CLD PHY TAPES; F, LS, RS. CLD PHY					

810911I

TIME	TK	LA	LO	RA	PA	HT D	TA	TD	WD	WS	SP		
1305	OUT MIA		TMP	78	ALT	20.05							
131015	OFF												
1347	088	25 77	77 52	4815	4579	237	-1	-5	245	07			
1415	057	26 48	75 02	4838	4571	247	-1	-7	260	08			
	CK	2AD	AT	~	14102								
1431	063	27 27	73 57	4831	4524	244	-1	-7	255	11			
1438	062	28 27	73 57	4831	4524	244	-1	-7	255	11			
	062	28 27	73 57	4831	4524	244	-1	-7	255	11			
	062	28 27	73 57	4831	4524	244	-1	-7	255	11			
1443	030	27 95	72 26	1636	1545	92	18	12	264	12	019		
1453	036	28 50	72 41	1630	1546	80	16	11	292	17	014		
1501	037	28 95	72 02	1611	1547	68	17	11	304	24	011		
	037	28 95	72 02	1611	1547	68	17	11	304	24	011		
	037	28 95	72 02	1611	1547	68	17	11	304	24	011		
1506	030	29 25	71 78	1573	1544	24	17	14	295	22	006		
		32	69		26 01 75				210	30			
1515		16	31	1555	1547	-34	19	18	270	21	994		
1518	180	29 29	71 34	1425	1552	-57	20	17	090	22	994		
		29 41	71 20										
1537	033	20 68	70 66	1622	1552	65	16	13	120	22	010		
1550	139	30 66	71 99	1618	1562	53	16	12	220	14	011		
1610		29 97	71 17	1498	1562	-64	20	18	223	22	992		
		29 95	71 12	1491	1564	-74	22	15	222	11	992		
1610		29 26	71 25						290	14	992		
		29 57	71 07			1375							
		29 64	71 94						230	35			
1634	031	29 00	70 30	1636	1560	1520	18	12	233	25			
1655	266	30 26	69 78	1617	1552	1516	17	14	184	25			
		26	55						170	25	570	150/20	
1710		30 19	70 92	1467	1557	1360	23	16	360	22	991		
		30 11'N	70 59'W										
1750	011	29 45	71 38	1597	1546	1507	16	12	285	22	011		
		16	88						570	22	011		
		32	79	1448	1539	1328			590	10	991		
		29	75	1440	1541	1250			310	23	992		
1806		32	72	1434	1539	1241	25	12	360	02	929		
		30 25	70 44										
1930		31	67	1413	1537	1249	26	12	040	24	929		
		30 31	70 36										
1857		30 70	70 63						570	40			
1904		30 28	70 42						575	32			
2000	271	30 67	69 12	1618	1562	1506	17	11	182	26			
		67	01						180	40			
						1345					988		
2015		30 68	70 35	1443	1546	1340	23	13	240	01			
		30 41	70 21										
205030	-5230	1404	218°	205330	-5730	1404	128°						
205830	-0030	1406	218										
230143	ON MIA												

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION KMIT N25-48.3 W080-17.6		DATE 11 Sept 1981		PROJ. NAME 'GERT' 8	
TURNER		ADAMS		N42		810911		1312Z							
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S		POSITION	LAT LON COR'S		REMARKS					
130447	N25-48.3 W080-17.6	4/1	N25-48.6 W080-17.7		-0.3 -0.1		N25-48.4 W080-17.7	-0.3 -0.1		Black out					
131217	N25-48.1 W080-17.0	4/1	25-48.4 080-17.2		-0.3 -0.2		25-48.4 080-17.0	-0.3 0		TOFF					
132650	25-42.3 79-17.7	24/1	25-43.2 79-17.7		+0.1 0		25-43.3 79-17.5	0 +0.2		MOT ZBV					
140958	26-14.5 75-24.5	2/1	26-16.0 75-23.9		-0.15 +0.6		26-15.9 75-24.5	-0.14 0		239/133 NAH					
75442			29-38.8 ⁴¹ 71-21.0 ²⁰				29-38.8 71-21.2			51					
161105			29-58.4 71-11.4				29-58.3 71-12.1			52					
171001			30-12.3 70-58.2				30-12.3 70-59.8			53					
180625			30-25.5 70-43.9				30-25.7 70-45.3			54					
185946			30-32.8 670-37.2				30-32.4 70-38.9			55					
201525			30-41.0 70-19.9				30-40.8 70-23.1			56 Weir					
224605	25-26 79-17.8	2/2	25-22.4 79-17.0		+3.6 +0.8		25-23.0 79-23.3	+3.0 -5.5		BSy 288/49.5					
230145	N25-47.3 W080-17.2	4/1	25-48.1 080-14.6		-0.7 +2.6		25-49.1 080-22.4	-0.7 -5.0		LAND					
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						
									LAT	LONG	GS				
INS 1	1245 1212	✓	✓	—	5	1257	2308	10.2	-0.4	+2.9	0				
INS 2 or HMA	1212/245	✓	✓	—	5	1257	2308	10.2	-1.5	-5.1	1				
ALIGN REMARKS: INS #1 RGS = 0 INS #2 = 1 pre takeoff. Use INS #1															
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															