

19800906I1-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 N432F	
				FLIGHT NO. 58-80	
				FLIGHT ID 800906T	
				DATE SEP. 6, 80	
FLIGHT LOG					
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 1500'	
PURPOSE NHC - RECON TD #7					
PROPOSED TAKEOFF TIME: 0630Z			PROPOSED FLIGHT DURATION: 10 HRS		
TIME IN: 1710Z			TIME ON: 1703Z		
TIME OUT: 0630Z			TIME OFF:		
BLK. TIME: 10:40 HRS			FLIGHT TIME:		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER	CICIRELLI	DAVIS	GOLDSTEIN	GRAY	BLACK
SEARLINGER	RICCI	LAMBRECHT	STONE		TORGER
ADAMS	NUNN	HAYDUK			LEWIS
BARNHILL		McFADDEA			MARKS
PROPOSED MISSION RECON TD #7 AT 1500' - 9Z, 10Z, 15Z FIXES					
ACTUAL MISSION AND REMARKS AS PLANNED 0910Z 5 31°12' 69°44' 1008MB 345/30 KTS 1010Z 5 32°00' 69°35' 1008MB 200/40 KTS 1411Z 5 22°30' 69°18' 1008MB 000/90 KTS					
DATA COLLECTED AND REMARKS 1 STD FLT LVL SLOW TAPE 3 11 RADAR TAPE					

800906I

TIME	TK	LA	LO	RA	PA	TA	TD	DD	FF	SP		
0730	048	27 83	77 22	5444	5225	-5	-28	035	04		5893	
0745	049	28 67	76 14	5459	5160	-6	-16	020	09		5879	
0800	068	29 57	74 53	5451	5151	-1	-18	030	06		5871	
0810	BGN DSCNT											
0825	076	30 31	72 96	470	425	23	20	360	10	014		
0830	067	30 44	72 54	499	418	23	21	005	09	014		
0835	068	30 58	72 16	443	418	23	20	355	10	013		
0840	069	30 69	71 86	432	419	23	21	240	12	013		
0845	069	30 81	71 49	422	416	23	21	325	13	012		
0850	068	30 73	71 15	437	430	23	21	335	11	011		
0855	069	31 06	70 79	424	426	23	21	345	15	010		
0900	067	31 18	70 45	436	449	23	23	015	06	009		
0905	090	31 21	70 09	432	448	24	21	020	05	008		
0910	087	31 21	69 73	440	457	23	21	160	00	008	5	
0912	088	31 22	69 50	438	458	23	21	200	04	008		
0910	088	31 22	69 50	438	458	23	21	200	04	008		
0918	089	31 23	69 04	445	457	24	21	205	17	009		
0926	092	31 23	68 41	452	458	23	21	200	12	010		
0934	090	31 22	67 86	469	457	24	21	180	10	012		
0940	092	31 22	67 37	473	454	24	21	180	17	012		
0946	310	31 46	67 62	470	455	24	21	190	16	012		
0955	314	31 46	68 13	455	455	24	21	125	19	010		
1000	317	32 52	68 40	445	455	23	22	170	16	009		
1005	317	32 50	68 70	443	453	23	23	120	12	009		
1012	316	32 88	69 09	451	454	23	22	135	09	010		
1021	318	33 32	69 60	457	453	22	21	060	12	011		
1030	316	33 48	69 99	463	452	23	21	020	12	012		
1040	315	33 27	70 47	475	450	22	19	020	11	014		
1053	135	33 40	70 00	459	448	22	21	047	16	012		
1102	131	33 15	69 67	448	449	23	20	090	12	009		
1110	174	32 49	69 13	435	449	23	22	075	05	009		
1120	179	21 89	69 63	430	448	24	20	020	02	008		
1125	179	31 61	69 63	430	448	23	22	270	21	008	5	
1131	180	31 25	69 63	433	447	24	21	220	04	009		
1140	179	30 70	69 62	446	445	23	21	240	15	010		
1150	359	31 23	69 62	435	446	23	22	220	04	009		
1200	002	31 21	69 62	431	447	24	21	225	04	008		
1206	359	32 17	69 67	431	447	23	21	260	05	008		
1216	090	32 27	69 54	428	445	23	21	090	01	008		
1223	270	32 23	70 27	432	445	23	21	255	13	010		
1230	270	32 23	70 71	442	444	23	21	005	17	010		
1242	269	32 23	71 38	456	442	20	20	355	14	011		
1250	269	32 23	72 04	463	444	23	20	004	18	013		
1300	091	32 56	71 99	465	445	23	20	020	15	013		
1310	090	32 57	71 34	456	444	22	19	020	14	012		
1320	090	32 56	70 70	445	443	23	20	010	17	010		
1330	090	32 56	70 09	429	442	24	21	030	12	009		
1340	090	32 56	69 40	426	443	23	22	020	00	008		
1341	090	32 56	69 30	425	443	24	21	070	01	008		
1351	092	32 55	68 68	430	443	23	23	160	14	009		
1358	270	32 52	68 45	434	442	24	22	190	18	009		
1407	270	32 53	69 06	424	440	24	22	120	05	008		
1411	270	32 52	69 30	432	440	24	22	270	01	008	5	
OVR												

SEP 6 1980

FLIGHT

AIRCRAFT

OPERATOR

SHEET ~~2~~ OF[illegible]

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION Kmm	DATE	PROJ. NAME
TURNER	BARNHILL ADAMS	143RF	800906	0642-2	N 25-48.3 W 080-17.6	6 Sept 1980	5. Daniel

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
0631	25-48.3 080-17.6	4 1	25-47.9 080-17.8	+4 -2	25-48.3 080-17.5	0 +.1	Blockout
0645	25-48.1 080-17.0	4 1	25-47.3 080-17.6	+8 -6	25-48.1 080-16.9	0 +.1	T.O.F.F.
0702	26-20 79-10	2 1					Freeport VOR 048 Bimini VOR 015
0745			28-42.4 076-06.6		28-43.4 076-06.1		
0815			30-06.2 073-35.2		30-06.4 073-35.0		
0910			31-12.9 069-42.5		31-11.9 069-42.2		
0940			31-13.8 67-20.7		31-11.1 67-21.3		
1035			33-41.3 070-14.3		33-37.9 070-14.1		
1110			32-32.2 069-38.3		32-28.0 069-39.4		
1155			31-32.6 069-41.2		31-28.3 069-40.8		
1209			32-16.5 69-39.4				C
125845			32-34.2 72-04.1		32-28.9 72-04.8		

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS		
				ELAPSE ALIGN POST TIME					LAT	LONG	G S
INS 1	0600	✓	✓	N/A	5	0612	170736	11.1	+1.5	-.4	0
INS 2 or IMU	0600	X	X	N/A	5	0612	"	11.1	-1.3	-.7	3

ALIGN REMARKS: INS #1 used for Navigation thru out flight.

OTHER REMARKS: INS #2 decoupled before T.O.F.F.

TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN
(6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL
(10) OMEGA - INERTIAL

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