

19810815H1 - 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 N452F
		FLIGHT NO. 37-81
		FLIGHT ID 810815H
		DATE AUG 15, 81
FLIGHT LOG		
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE 1500'
PURPOSE NHC - RECON TS DENNIS		
PROPOSED TAKEOFF TIME: 0000Z		PROPOSED FLIGHT DURATION: 10 HRS
TIME IN: 0800Z		TIME ON: 0811Z
TIME OUT: 0000Z		TIME OFF: 0010Z
BLK. TIME: 10:00 HRS		FLIGHT TIME: 9:56 HRS
FLIGHT PERSONNEL		
OPERATIONS CREW		SCIENTIFIC CREW
TURNER	ROSE	DAVIS
NOBLE	NUNN	DEVIVO
NELSON		DUGRANKUT
GONRELL		BERLES
		VISITORS
		TORRESEN
		MARKS
		SMITH
		MARQUEZ
PROPOSED MISSION RECON TS PROVIDE 0000Z 0600Z FIXES		
ACTUAL MISSION AND REMARKS CENTER OVER CUBA - UNABLE TO OBTAIN FIXES RECONNEED NORTH OF CUBA		
DATA COLLECTED AND REMARKS 1 STD FLT LVL TAPE; 5 PMS TAPES; 11 RADAR TAPES USE TAP 1; TA# 1		

810815H T.S. DENNIS

TIME	TK	LA	LO	RA	PA	TA	TD	WD	WS			
0000	DLT	MIA				ALT	29.92		130/16			
0015	OFF	MIA										
001702	NAME	LAST										
00000	NAME	GP										
0040	182	24.55	81	13	44874803	14	0.1	070	10			
		1804/41			TO OVER FLY	CLIP						
2332	217	22	88	85	16 44884690	2.5	-16	015	05			
0000	109	21	50	84	98 44864583	2	-7	360	09			
0015	118	21	57	83	91 44754282	2	-2	350	09			
0030	269	21	04	83	57 44774280	2	-1	358	06			
0050	287	21	41	85	03 44814278	2	-9	050	04			
0103	287	21	63	86	02 44874271	2	-4	360	06			
0117	239	22	50	85	40 44854275	2	-16	010	11			
0133	063	23	40	84	59 44794274	2	-15	020	11			
0146	064	23	80	83	51 44774274	3	-11	030	12			
0206	111	23	68	50	06 440 461 007	23	21	055	12			
0210	109	23	60	21	84 475 466 007	23	21	048	12			
0215	092	23	50	81	51 490 466 207	23	22	045	12			
0225	090	23	50	80	93 433 466 006	23	23	055	19			
0230	090	23	50	50	63 445 482 006	21	21	070	20			
0231	090	23	50	50	54 444 482 006	22	23	115	18			
0240	090	23	50	80	02 451 483 007	23	21	114	16			
0247	271	23	50	20	31 433 472 006	21	21	120	11			
0251	360	23	57	80	50 452 486 006	22	22	082	19			
0255	021	23	25	80	51 455 477 007	22	15	036	05			
0308	187	24	48	00	46 463 477 008	23	22	085	10			
0316	183	23	99	20	49 454 478 007	23	21	080	10			
0325	349	23	57	80	45 453 482 006	23	22	086	17			
0340	194	24	43	20	47 460 478 008	23	21	083	17			
0351	181	23	86	80	50 448 477 007	23	21	070	08			
0355	180	23	58	80	50 441 478 006	21	21	090	12			
0405	090	23	50	79	97 448 476 007	23	22	130	12			
0415	020	23	47	79	55 456 476 008	23	22	140	12			
0427	T	23	56	20	47 439 479 006	23	21	130	15			
0437	360	24	08	80	50 451 475 007	23	21	058	25			
0444	211	24	46	20	56 457 476 009	23	21	090	18			
0504	092	23	50	81	39 438 477 005	22	21	055	18			
0512	090	23	50	20	89 428 449 004	22	20	100	14			
0525	090	23	51	20	11 456 433 006	23	20	135	15			
0549	150	24	36	80	97 462 458 007	23	22	090	17			
0605	268	23	50	81	03 437 453 004	23	20	093	18			
		23	65	81	16 455 004							
0620	163	23	43	81	70 440 450 004	23	19	048	13			
0630	090	23	40	21	15 439 476 002	22	21	095	10			
0648	270	23	36	20	26 458 448 004	23	21	145	15			
		23	41	21	08 455 004			115	20			
0700	269	23	41	21	20 435 472 002	22	21	090	15			
0715	090	23	34	82	13 457 448 004	24	19	030	13			
0732	360	23	34	21	20 435 483 001	22	22	100	19			
0810	021	MIA				ALT	29.82	100/09				
0820	12	MIA										

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
TURNER.	Nelson	NCAA. 42	810815.	2214.	N25.48.3	15 16 Aug 081	V E. Denny

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
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2202	N 25 48.3 W 080 17.6	4	N 25 48.5 W 080 17.6		N 25 48.3 W 080 17.6		BIR.
2214	N 25 48.0 W 080 17.9	4	N 25 47.9 W 17.7		N 25 48.0 W 17.8		T/O Rwy 9L
2310		9	N 23 50.0 W 083 26.8		N 23 50.3 W 083 24.5		2 feet.
0045		9	N 21 17.6 W 084 35.8		N 21 13.6 W 084 32.9		2 feet I/P 297 SW → UNaided
0055	N 21 28.0 W 085 22.0	2/9	N 21 32.0 W 085 25.6	-4.0 -3.6	N 21 27.2 W 085 22.2	+0.8 +6.2	Corumel. 238/10- VOR #1
0139	N 23 35.0 W 084 00.0	2/9	N 23 41.8 W 084 08.1	-6.8 -8.1	N 23 33.0 W 084 02.7	+2.0 -2.7	Key West VOR 062/135
0231		9	N 23 42.7 W 080 33.9		N 23 30.0 W 080 32.1		Approx C off. 0' N Side.
0335		9	N 24 27.5 W 080 34.1		N 24 13.5 W 080 30.5		KWEST VOR 321.000 NEAREST Land 34nm
0433		9	N 24 04.7 W 080 33.7		N 23 51.2 W 080 30.3		2 Sitting Turn - #1 PH = 041
0542	N 24 27.0 W 080 38.0	2/9	N 24 29.8 W 080 43.7	-2.8 -5.7	N 24 16.7 W 080 44.0	+10.3 -3.0	Key West. 277/064.
0553	N 24 15.0 W 080 53.5	2/9	N 24 19.3 W 080 56.7	-4.3 -3.2	N 24 06.3 W 080 54.4	+8.7 -0.9	Key West 291/54.
061145	N 23 39.0 W 081 33.0	2/9/10	N 23 43.8 W 081 37.1	-4.8 -4.1	N 23 29.9 W 081 35.2	+4.1 +2.2	Radar 30nm Abound MAYTANERS Point. Key West 349/58

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	G S
INS 1	2100	X	Y	—	0	2145	08.20	10.6	-5.5	-3.8	3.0
INS 2 or IMU	2100	N	N		3	2145	18.20	10.6	+10.0	-5.0	0.0

ALIGN REMARKS:

2220

OTHER REMARKS:

2145
18.20

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

[illegible]