

19800809I - 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. 52-80	
		FLIGHT ID 800809I	
		DATE AUG. 9, 80	
TAKE OFF (City or airport) MSY		LAND (City or airport) MIA	
		ALTITUDE 10K	
PURPOSE NHC - RECON - HURRICANE ALLEN			
PROPOSED TAKEOFF TIME: 1630Z		PROPOSED FLIGHT DURATION: 10 HRS	
TIME IN: 0215Z		TIME ON: 0507Z	
TIME OUT: 1620Z		TIME OFF: 1620Z	
BLK. TIME: 9.55 HRS		FLIGHT TIME: 9.41 HRS	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
TURNER	WILCOX	DAVIS	BERLES
ADHLEY	WILLOUGHBY		
NOBLE	HERBERT	BRUNSON	
ADYR	MARKS		
BERGNER	MILAN	GOLDSTEIN	
HAWKINS			
CIGHELLI		STONE	
ZIPPER			
PROPOSED MISSION AT 10K			
ACTUAL MISSION AND REMARKS AS PLANNED 12 RECONNAISSANCE 18Z, 21Z, 00Z FIXES KMTD 15 RECON KMTD MAX WIND 100 KTS LOWEST SLP 921MB			
DATA COLLECTED AND REMARKS 1 SLOW FAT LVL TAPE; 10 RADAR TAPES; FLS, RS, D FILM			

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43RF

Marks/Hawkins

RADAR Tape Usage.

Tape #	Time on	Time off
D1T1	165520	174025
D2T1	174030	180700
D1T2	180950	190425
D2T2	190427	193212
D1T3	193226	202107
D1T4	202828	211850
D1T5	212257	222200
D1T6	222843	232700
D1T7	234027	004000
D1T8	004700	0145

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Turner	Bergner	A3		16 20:20	FMSY N 29-59.5 W 90-16.3	9 Aug 80	H/101

TIME OF ENTRY	POSITION	TYPE	INERTIAL #1 POSITION	LAT LON COR'S	INE #2 POSITION	LAT LON COR'S	REMARKS
1614 1618	N 29-59.5 W 90-16.3		N 29-59.5 W 90-16.3	φ	N 29-59.5 W 90-16.3	φ	Eye TAXI
1625							Told
1632	N 29-41.0 W 90-10.0		N 29-41.0 W 90-10.3	φ -0.3	N 29-41.0 W 90-10.2	φ -0.2	LEV 354°T/20.5
1640	N 29-10.5 W 90-06.2		N 29-10.7 W 90-06.4	-0.2 -0.2	N 29-10.7 W 90-06.4	-0.2 -0.2	O/H LEV
1747	N 26-49.0 W 95-36.0		N 26-47.9 W 95-39.2	+1.1 -3.2	N 26-46.6 W 95-37.8	+2.4 -1.8	CRP 124°T/118
1809			N 25-24.2 W 96-10.1		N 25-23.4 W 96-09.0		eye "Allen" 18z fix
1829			N 25-24.7 W 96-12.0		N 25-23.5 W 96-10.1		eye "Allen"
1912			N 25-28.7 W 96-15.6		N 25-25.8 W 96-14.3		eye "Allen"
1920	N 25-57.0 W 96-11.0		N 25-57.9 W 96-15.4	-0.9 -4.4	N 25-55.1 W 96-13.8	+1.9 -2.8	CRP 150°T/135 INE's Pos update
1927	N 26-31.7 W 96-12.0		N 26-32.2 W 96-10.3	-0.5 +1.7	N 26-31.4 W 96-09.9	-0.3 +2.1	CRP 142°T/106.5
1955			N 25-33.9 W 96-14.0		N 25-32.1 W 96-13.3		eye "Allen"
2035			N 25-36.9 W 96-19.0		N 25-34.6 W 96-18.6		eye "Allen" 21z fix

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.	Δ T (2)(1)	TERMINAL ERRORS		
									LAT	LONG	GS
INS 1	1528		5/D	—	2	1611	0216	10+05	-1.4	+3.2	5
INS 2 or IMU	1529		2/D	—	1	1611	0216	10+05	-2.3	+1.5	1

ALIGN REMARKS: *Left 2/10/11 32 sta. B+E deselected*

OTHER REMARKS: *D/E failed to couple INS all 9z check also*

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

2618
1617
10+05

TIME OF ENTRY	POSITION	TYPE	INERTIAL #1 POSITION	LAT LON COR'S	INE #2 POSITION	LAT LON COR'S	REMARKS
20 51			N 25-38.1 W 96-19.9		N 25-38.4 W 96-18.6		eye "Allen"
21 32			N 25-41.8 W 96-23.6		N 25-37.8 W 96-23.8		eye "Allen"
21 39	N 26-05.0 W 96-27.0		N 26-07.2 W 96-24.2	-2.2 +5.8	N 26-03.4 W 96-24.2	+11.6 +2.9	CRP 155°T/122
21 42	N 26-19.0 W 96-29.0		N 26-22.0 W 96-24.1	-3.0 +4.9	N 26-18.2 W 96-24.0	+0.8 +5.0	CRP 152°T/109 INE's Pos Update
21 49	N 26-50.0 W 96-26.0		N 26-49.8 W 96-27.9	+0.2 -1.9	N 26-49.7 W 96-27.3	+0.3 -1.3	CRP 140°T/83.5
22 12			N 25-43.3 W 96-33.9		N 25-41.2 W 96-32.6		eye "Allen"
22 51			N 25-41.7 W 96-35.9		N 25-40.6 W 96-35.1		eye "Allen"
23 02			N 25-43.1 W 96-37.2		N 25-41.7 W 96-35.9		eye "Allen"
23 44			N 25-45.2 W 96-38.1		N 25-41.5 W 96-37.5		eye "Allen" 00003 Lit
23 48	N 26-01.0 W 96-23.0		N 25-58.5 W 96-39.2		N 25-54.9 W 96-38.6		CRP 153°T/127.5 (No Fix)
23 56	N 26-29.5 W 96-38.0		N 26-32.8 W 96-38.0	-3.3 0	N 26-29.6 W 96-37.2	-0.1 +0.8	CRP 153°T/95.5
23 59	N 26-41.0 W 96-39.0		N 26-44.7 W 96-38.0	-3.7 +1.0	N 26-41.6 W 96-37.0	-0.6 +2.0	CRP 151°T/84.5 INE Pos Update
00 06	N 26-49.9 W 96-39.0		N 26-55.1 W 96-37.7	-5.2 +1.3	N 26-49.9 W 96-37.3	0 +1.7	CRP 148°T/77.5
00 11	N 26-27.5 W 96-41.0		N 26-33.8 W 96-38.2	-6.3 +2.8	N 26-28.6 W 96-37.6	-1.1 +3.4	CRP 155°T/96 INE Pos. Update
00 22	N 25-43 W 96-41						eye "Allen"
01 14	N 26-04.5 W 92-39.0		N 27-05.1 W 92-36.7	-0.6 +2.3	N 27-05.7 W 92-38.4	-1.2 +0.6	LEV 228°T/175
01 52	N 29-10.5 W 90-06.2		N 29-11.1 W 90-04.5	-0.6 +1.7	N 29-12.3 W 90-05.2	-1.8 +1.0	O/H LEV
02 07							Land AMSY
02 14	N 29-59.5 W 90-16.3		N 30-00.9 W 90-13.1	-1.4 +3.2	N 30-01.8 W 90-14.8	-2.3 +1.5	Chocks