

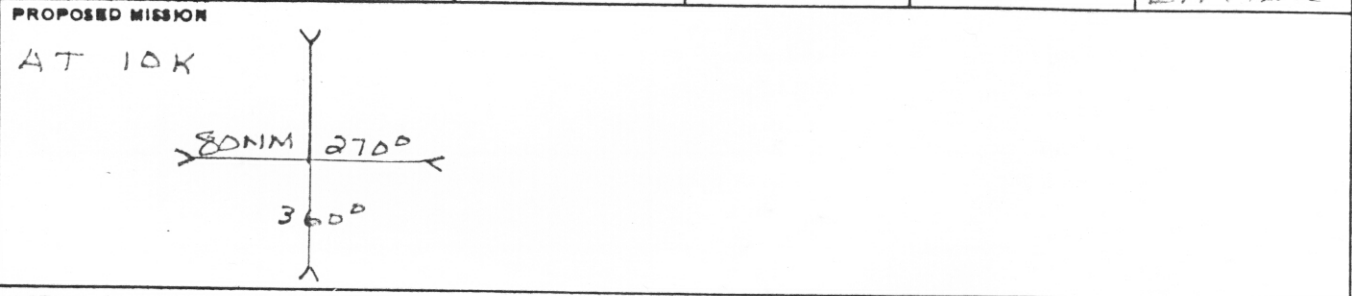
RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA FLIGHT LOG	AIRCRAFT N432F
	FLIGHT NO. 52-80
	FLIGHT ID 800809I
	DATE AUG. 9, 80

TAKE OFF (City or airport) MSY	LAND (City or airport) MIA	ALTITUDE 10K
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PURPOSE NHC - RECON - HURRICANE ALLEN

PROPOSED TAKEOFF TIME: 1630Z	PROPOSED FLIGHT DURATION: 10 HRS
TIME IN: 0215Z	TIME ON: 0507Z
TIME OUT: 1600Z	TIME OFF: 1600Z
BLK. TIME: 9.55 HRS	FLIGHT TIME: 9.11 HRS

FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER	WICG	DAVIS	BERLES	ADLEY	WILLOUGHBY
NOBLE	HERBERT	FRIDMAN		ADYR	MARKS
BERGNER	MILAN	GOLDSTEIN			HAWKINS
CHICKELL		STONE			ZIPPER



ACTUAL MISSION AND REMARKS

AS PLANNED
 12 PENETRATIONS
 18E, 21Z, 00Z FIXES MADE
 15 RECON MADE
 MAX WIND 100KTS
 LOWEST SLP 981MB

DATA COLLECTED AND REMARKS

1 SHOW PRT LVT TAPES; 10 RADAR TAPES; FLS, RS, D FILM

0809I

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

ALIGN REMARKS:

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

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PRO NAM
Turner	Bergner	A3		16 26:20	FMSY N 29 59.5 W 90-16.3	9 Aug 80	B-1

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	Fix Taxi
1625							Fix
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/15
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 95-37.9	+2.4 -1.8	CRP 124°T/11
1809			N 25-24.2 W 96-10.1		N 25-23.4 W 96-09.0		eye "Allen" 182 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/15 INE's Pos updated
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
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" 212 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 ERROR		
									LAT	LONG	G
INS 1	1528		5/D	—	2	1611	0216	10405	-1.4	+3.2	5
INS 2 or IMU	1529		2/D	—	1	1611	0216	10405	-2.3	+1.5	1

ALIGN REMARKS: ~~with 100 ft alt~~ 52 star. 6.5E disoriented

OTHER REMARKS: D/G failed to couple INS at 75 check also no warn of disorientation

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

LINE # OF ENTRY	POSITION	TYPE	INERTIAL #1 POSITION	LAT LON COR'S	INE #2 POSITION	LAT LON COR'S	REMARKS
20 51			N 25-38.7 W 96-19.9		N 25-38.7 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 +2.8	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"
23 302			N 25-43.1 W 96-37.2		N 25-41.7 W 96-35.9		eye "Allen"
23 4A			N 25-45.2 W 96-38.1		N 25-41.5 W 96-37.5		eye "Allen" 00007 fit
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 1A	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/125
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 KMSY
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	Checks