

19840910H1-FDIR

RFF-10 WORK FORM (8 - 72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N4212F	
FLIGHT LOG				FLIGHT NO. 60-84	
				FLIGHT ID 840910H	
				DATE SEP 10, 84	
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 1500'	
PURPOSE NHC-RECON T.S. DIANA UPGRADED TO HURRICANE DURING FLIGHT					
PROPOSED TAKEOFF TIME: 0700Z			PROPOSED FLIGHT DURATION: 9 HRS		
TIME IN: 1610Z			TIME ON: 1607Z		
TIME OUT: 0730Z			TIME OFF: 0739Z		
BLK. TIME: 8:40 HRS			FLIGHT TIME: 8:58 HRS		
FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
TURNER	NUNN	DAVIS		WILLUGHBY	DEAN
MANDELKERN		ABELING		GRIFFIN	
ADAMS		DUGRAND	LT	GOLDENBERG	
MOORE		STONE		POLEY	
PROPOSED MISSION 09Z, 12Z, 15Z FIXES FOR NHC					
ACTUAL MISSION AND REMARKS AS PLANNED 0854Z S 300 19'N 800 11'W SLP 992 MAX WND 370/60 1145Z S 300 31'N 800 01'W SLP 991 MAX WND 300/80 1452Z S 300 37'N 790 44'W SLP 991 MAX WND 340/60 19 RECONS XMTD SFC 75 5 PENETRATIONS					
DATA COLLECTED AND REMARKS 1 STD FLT LVL TAPE 3 10 RADAR TAPES					

[illegible]

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
TURNER	ADAMS	42RF	840910	073923	Kuma 25-48.3 80-17.6	10 Sept 84	9. Diana

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
073038	25-48.3 80-17.6	4	25-48.2 80-17.6	+1 0	25-48.2 80-17.5	+1 +1	Blackout
073923	25-48.1 80-17.3	4	25-48.0 80-16.9	+1 +4	25-47.9 80-16.9	+2 +4	T. off
080703	27-40.7 80-29.4	2	27-40.6 80-29.6	+1 -1.2	27-41.3 80-30.0	-1.6 -1.6	NOT VRB
085300		9	30-19.0 80-13.1		30-19.2 80-13.1		9 30-20 30-19 80-11.6 80-11
092424	32-14.5 80-06.0	2	32-18.3 80-10.6	-3.8 -4.6	32-19.0 80-11.1	-4.5 -5.1	CHS VT 185/39 1/2
093155		2	32-00.1 79-50.0		32-00.6 79-50.2		CHS VT 172/59
101048		9	30-27.0 78-01.7		30-26.6 78-02.2		RT & TK 270 toward storm center
104103		9	30-26.3 80-09.4		30-27.6 80-11.7		9
104914	30-27 80-47	2	30-24.8 80-43.9	+2.2	30-26.3 80-46.0	+1.7 +1.0	JAX 090/40.5
1055		9	30-26.8 81-07.2		30-28.4 81-09.0		RT & TK 000
1145		9	30-31.1 80-00.7		30-31.5 80-02.2		9 30-31 80-01
1336		9	30-33.0 79-55.8		30-31.4 79-52.7		9

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	GS
INS 1	0503	✓	✓	—	0	0713	1611	9.0	-1.2	+1.1	4
INS 2 or IMU	0503	✓	✓	—	0	0713	1611	9.0	+2.4	-3.8	6

ALIGN REMARKS:

OTHER REMARKS:

TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN
 31-15 135°/120 (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL
 81-10 (10) OMEGA - INERTIAL 81-10

1571
713 858