

19840912I1-FDIR

RFF-10 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N43RF	
				FLIGHT NO. 73-84	
				FLIGHT ID 840912I1	
				DATE 12 Sept 1984	
FLIGHT LOG					
TAKE OFF (City or airport) KMIA		LAND (City or airport) KMIA		ALTITUDE 5K	
PURPOSE Hurricane Diana RECCO					
PROPOSED TAKEOFF TIME: 1300			PROPOSED FLIGHT DURATION: 10		
TIME IN: 2255			TIME ON: 2249		
TIME OUT: 1258			TIME OFF: 1308		
BLK. TIME: 9:57			FLIGHT TIME: 9:41		
FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
Gunnoe	Dunn	Parrish	Thompson	Willis	Bishop
Noble		Berles		Kohler	Richards
Nelson		Jarvi		Blistein	Born
Ricci		Nanchet			Vudelman
PROPOSED MISSION Fly to vicinity 34°N, 77°W to Hurricane Diana. Take 15, 18, 21Z Fixes.					
ACTUAL MISSION AND REMARKS Deepwater pegging low. 1511Z Fix - 34°00'N, 77°08'W - 970 mb - 96 kt winds 18Z Fix - 33°58'N, 77°10'W - 970 mb - 100 kt winds SP squirrely - digital RA was cause. 1502 - 260 cycle crop-out 2038Z Fix - 33°52'N, 77°13'W - 970 mb - 115 kt winds. 7 penetrations					
DATA COLLECTED AND REMARKS 1 slow 5 radar 18°C.P. 6 doppler RADAR, PMS, DOPPLER TAPES + 1/10 POTO HRD GLITCHES IN RA					

cal lab
1016.7
line 2
Twr
1016

us
1015 SP

INE 1

840912I DIANA

National
Oceanic &
Atmospheric
Administration

FLIGHT PLAN

Research
Facilities
Center

PROPOSED T.O.

1300

ACTUAL T.O.

1308

RTE	TO	TEMP	IAS	TC	VAR	MC	W	V	TH	MH	GS	Zone	Total	Total	Proposed	ETA
		ALT	TAS									Time	Time	Dist	ETA	ATA
1	MIA.															
2	N 28 24.8 W 079 26.8.											+25 +14	+39	178 110		
3	N 29 13.2 W 79 09.6											+10	+49	19 219		
4	N 30 25.3 W 078 51.9											+15	+44	74 293		
5	N 32 26.1 W 078 22.8.											+25	+429	123 416		
6	N 34 W 077											+32	+401	125 541		
1	MIA.															
2	BSY, N 25 40.3 W 080 10.7															
3	ZBV, N 25 42.3 W 079 17.7															
4	ADACE, N 29 24.0 W 078 33.4															1408 1404
5	OZEN, N 30 25.2 W 078 20.9											(2157)	+13	62	1421	
6	MIL, N 32 17.7 W 077 57.3											+24		14 116	1445	+444
7	N 34 01 W 077 12											+32			1517	

ATC CLEARANCE:

ENROUTE CLEARANCES:

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME				
Gunnoc	NE/S.	NCAA. 43	840912	1308 2	N 25 48.2 W 080 17.6	12 SEP 84	DIANA.				
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS				
12-58	N 25 48.2 W 080 17.6	4	N W .5		N W .5		BIK.				
1307	N 25 48.0 W 080 18.1	4	N W SAME.		N W. SAME		T/O 9L				
			THE CAL.				RT 14.43 49 LPT 14.46 57				
151110	N 34 24.5 W 077 19.0	10	N 34 00.2 W 077 07.9	LOW	N 33 59.9 W 077 08.5		RT. 14.51 53 90 KTS QF 038				
152045	N 34 24.5 W 077 19.0	2 10	N 34 18.5 W 077 21.4	LOW	N 34 18.2 W 077 22.0	SHAKY	Will. 092/24.5 QF 038				
1531		10	N 34 00.8 W 077 08.1		N 34 00.4 W 077 08.8	#2	QF 038.				
1635		10	N 34 01.0 W 078 08.4		N 34 01.0 W 078 09.0	#3	120 56.1 QF 030.				
165352	N 33 23.2 W 078 19.0	10	N 33 23.3 W 078 23.6		N 33 23.2 W 078 24.3	LAT	W-4 202/65.1 QF 034.				
172700		9 10	N 32 40.6 W 076 36.6		N 32 39.8 W 076 37.3	INES FREE	INE. 41 disconnected 1738 ONE OFF. QF 42 036				
175909		9	N 33 57.9 W 077 09.9		N 33 57.8 W 077 09.6	#4	SK.				
180645	N 34 20.0 W 077 28.4	2 9	N 34 18.5 W 077 29.5		N 34 18.3 W 077 30.4		Will. 100/17.4				
180830	N 34 07.0 W 077 40.3	2 9	N 34 09.4 W 077 37.0		N 34 09.2 W 077 38.0		Will. 143/17.0				
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	G S
INS 1	4135	Y	Y		0	1246	2255	10.2	-7.1	+2.3	1
INS 2 or IMU	2135	Y	Y		0	1246	2255	10.2	+7.4	-0.3	8
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											

