

19841011I1-FDIR

RFF-10 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N4312F	
				FLIGHT NO. 4-85	
				FLIGHT ID 841011I1	
				DATE OCT. 11, 84	
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 1,1500'	
PURPOSE HRD-RESEARCH HURRICANE JOSEPHINE NO DECCO REQUIRED - ASD6 XMTD					
PROPOSED TAKEOFF TIME: 0700Z		PROPOSED FLIGHT DURATION: 7 HRS			
TIME IN: 1440Z		TIME ON: 1437Z			
TIME OUT: 0700Z		TIME OFF: 0712Z			
BLK. TIME: 7:40 HRS		FLIGHT TIME: 7:25 HRS			
FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
NOBLE	NUNN	DAVIS		BLACK	
TICKNOR		DUGRAN RUT		FEENEY	
ADAMS		TOMCHAY		ROSS	
FLEURY		THOMPSON		DODGE	
PROPOSED MISSION 					
ACTUAL MISSION AND REMARKS AS PLANNED 5 0939Z 29°21'N 72°17'W SLP 975 WND 18KTS 5 1234Z 29°52'N 72°05'W SLP 974 WND 090/95KTS 3 PENETRATIONS DATA COLLECTED AND REMARKS 1 STD FLT LVL TAPES; 10 RADAR TAPES; 9 DOPPLER TAPES; SLAR; RS; LS C/D FILM; 31 AXCP SLAR DATA TO TOMCHAY RADAR, DOPPLER TAPES, AXCP DATA + 1/10 PG TO HRD INF 1					

National
Oceanic &
Atmospheric
Administration

FLIGHT PLAN

Research
Facilities
Center

PROPOSED T.O. 0700Z

ACTUAL T.O. 0712

ROUTE	TO	TEMP ALT	IAS TAS	TC	VAR	MC	W	V	TH	MH	GS	Zone Time	Total Time	Total Dist	Proposed ETA	ETA ATA
	ZRV											235	113	113	50 50	0713
	ELBOW											270	133	146	150 200	0746 0802
	100 28-04 74-04											270	144	1430	197 397	0830 0847
	8											230	126	1456	100 897	0856 0913
2	ZRV 25-42.3 79-17.7						L	V					114	114	54 54	0714
3	ELBOW 26-25.5 76-43.2						300	20					134	148	145 199	0748 0803
4	100nm 27-10 OWA 73-21			075									142	1430	187 386	0830 0848
5	27-34 71-34												125	1455	100 486	0855 0910
6	29-00 72-30												126	2421	100 586	0921 0936
	LV														LV	1146
	8															1219
	ELBOW												143	111	320	1332
	MIA												140	1	200	1412
9	ELBOW											21	1415		330	1333
1	KM/A											310	139		200	1412 14

ATC CLEARANCE:

1179
341232
1131372
40

ENROUTE CLEARANCES:

6719
451232
2191372
1730

0804

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION KMIA	DATE	PROJ. NAME
TICKNOR	ADAMS	43RF	841011	0712	25-48.3 80-17.6	11 OCT 1984	Josephine

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
070024	25-48.3 80-17.6	4	25-48.2 80-17.6	+1.1 0	25-48.2 80-17.5	+1.1 +1.1	Block out
071145	25-48.1 80-17.4	4	25-48.0 80-17.4	+1.1 -1.3	25-48.0 80-17.2	+1.1 -1.1	T.OFF
074830		2	26-12.7 77-51.7		26-12.4 77-51.6		157/73.5 ZRA
0937	29-21 72-17		29-23.1 26.5 72-17.1 18.2		29-22.5 15.8 72-16.8 18.1		29-21 72-17
1029			29-25.8 72-06.0		29-24.5 72-05.9		29-25.3 72-06.0
1234			29-51.8 72-02.4		29-49.2 72-03.2		29-52 72-02
1331	27-31.5 75-21.0	2	27-31.9 075-15.6	-1.4 +5.4	27-29.7 075-16.8	+1.8 +4.2	Treasure Cay 065/117
1336	27-17.8 75-42	2	27-17.6 75-35.8	+1.2 +6.2	27-15.5 75-37.0	+2.3 +5.0	Treasure Cay 070/96
1340							Begin Laid
1437	25-47.7 80-17.3	4	25-53.5 880-14.5	-5.8 +2.8	25-53.4 080-14.5	-5.7 +2.8	LAND KMIA
1441	25-48.3 80-17.6	4	25-54.2 080-14.3	-5.9 +3.3	25-54.1 080-14.4	-5.8 +3.2	Block in

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	0513	✓	✓	—	0	0630	1442	8.2	-5.9	+3.3	2
INS 2 or HMO	0513	✓	✓	—	0	0630	1442	8.2	-5.8	+3.2	2

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