

19840929I - 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 LOG		FLIGHT NO. 85-84	
		FLIGHT ID 840929I	
		DATE SEP 29, 84	
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE 1500'	
PURPOSE NHC-RECON T.S. ISIDORE 1213			
PROPOSED TAKEOFF TIME: 0400Z		PROPOSED FLIGHT DURATION: 9 HRS	
TIME IN: 1325Z		TIME ON: 1321Z	
TIME OUT: 0355Z		TIME OFF: 0402Z	
BLK. TIME: 9:30 HRS		FLIGHT TIME: 9:19 HRS	
FLIGHT PERSONNEL			
OPERATIONS CREW		WEATHER CREW	
VISITORS			
TURNER	CALVERT	DAVIS	
MANDELKERN		GOLDSTEIN	
RICCI		SCHRICKER	
ADAMS		ABELING	
PROPOSED MISSION PROVIDE 06Z, 09Z, 12Z FIXES + RECCON			
ACTUAL MISSION AND REMARKS AS PLANNED 5 0532Z 31°20'N 80°34'W SLP 1005MB WIND 260/35KTS 5 0705Z 31°30'N 80°21'W SLP 1004MB WIND 190/40KTS 5 0850Z 31°37'N 79°58'W SLP 1003MB WIND 225/40KTS 5 1038Z 31°43'N 79°25'W SLP 1004MB WIND 270/40KTS 5 1141Z 31°50'N 79°06'W SLP 1004MB WIND 250/50KTS 20 RECCON XMTD			
DATA COLLECTED AND REMARKS 1 STD FLT LVL TAPE			

INE 1

840929I 28 ESE Brunswick

FLIGHT PLAN

**Research
Facilities
Center**

PROPOSED T.O.	0400 z
ACTUAL T.O.	0402

ATC CLEARANCE:

ENROUTE CLEARANCES :

MIA 25-57.8

80-27.7

JAX 30-14.1
81-40.5Brunswick 31-03.0
81-26.8SAV 32-09.6
81-06.8SAV 32-09.6
81-06.8

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
TURNER		ADAMS		43RF		840929		0400 z		Kuma 25-48.3 80-17.6		28 Sept 1984		Isidore	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S		POSITION		LAT LON COR'S		REMARKS				
0355	25-48.3 080-17.6	4	25-48.3 48-17.6		0 0		25-48.3 48-17.6		0 0		Black out				
0402	25-48.1 080-17.2	4	25-48.2 80-17.0		-1 +2		25-48.0 80-17.0		+1 +2		T. off				
0433	27-40.7 80-29.4	2	27-40.4 80-29.8		+3 -4		27-39.8 80-29.7		+9 -3		MOT VLB				
0454	29-18.2 81-06.8	2	29-18.3 81-06.8		-1 0		29-17.8 81-06.8		+4 0		MOT ORM				
											31-15 ~ 0525 HAWA. 80-42.5 31-20 me 80-34				
0600	32-40.5 79-30	2 FAIR	32-39.4 79-29.1		+1.1 +1.9		32-39.4 79-29.4		+1.1 +1.6		CHS 115/30.5				
0705			31-30.0 80-22.0				31-30.6 80-22.6				Storm modim NE @ 12 31-30 80-21				
0726	30-44 81-04	2	30-37.6 80-59.2				30-38.1 81-00.1				JAX 055/32				
0734		2	30-09.5 80-59.4				30-10.1 81-00.5				JAX 108/28				
0848			31-38.4 79-57.6				31-39.2 79-58.8				SAV CHW 112.7 31-37 79-58				
0856	32-08 80-16	2	31-55.5 80-15.7				31-56.4 80-17.1				SAV 96/44.4				
0914	32-36 79-53	2	32-32.4 79-55.8		+2.6 -2.8		32-33.4 79-57.4		+2.6 -4.4		CHS 1157/19.3				
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	?	X	X	—	1	0345	1324	9.7	+5.0	-1.6	2				
INS 2 or IMU	?	X	X	—	0	0345	1324	9.7	+4.2	-3.6	2				
ALIGN REMARKS: INS' Free - NAV. CMPTRE FAIL.															
OTHER REMARKS:															
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN 81W Xmas (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL															

⑥ CHS 32-53.7
80-02.331-35
78-0012 84
3 45
9 39

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
0919	32-42.5 79-40.5	2	32-42.2 79-40.5	+4.3 0	32-43.2 79-42.1	+3.3 -1.6	CHS 109/20
1039		9	31-44.7 79-30.1		31-46.0 79-32.1		31-43 79-25
1049	31-55 80-11	2	31-44.5 80-14.8	+10.5 -3.8	31-45.8 80-16.7	+9.2 -5.7	SAV 105/49.8
1057	31-58 80-40	2/ POOR	31-42.7 80-44.7	+9.3 -4.7	31-44.0 80-46.6	+8.0 -1.9	SAV 130/30
1143		9	31-49.6 79-16.2		31-50.5 79-18.3		
1158	32-00 80-20	2/ POOR	31-48.7 80-22.3	-11.3 -2.3	31-49.9 80-24.6	-10.1 -4.6	SAV 103/41
1202	31-34 80-48	2	31-33.2 80-33.5		31-34.6 80-35.9		JAX 030/91.5
1219	30-39.0 81-15.0	2/ FAIR	30-33.6 81-05.0	+5.4 +10	30-34.9 81-07.6	+4.1 +7.4	OMN 356/79.5
1222	30-19 81-11	2/ FAIR	30-13.0 81-04.9	+6.0 +6.1	30-14.3 81-07.5	+4.7 +3.5	OMN 357/59.2 Will not take updates.
1233	29-18.2 81-06.8	2/ GOOD	29-13.9 81-07.3	+4.3 -1.5	29-14.9 81-10.0	+3.3 -3.8	MOT OMN
1252	27-40.7 80-29.4	2/ GOOD	27-36.3 80-29.4	+4.4 0	27-37.0 80-32.2	+3.7 -2.8	MOT YRB
1302							
	JAX T	7					
1322	25-48.1 80-17.2	4	25-43.2 80-17.6	+4.9 -1.4	25-44.1 80-20.8	+4.0 -3.6	Land KMIA
1324	25-48.3 80-17.4	4	25-43.3 80-18.2	+5.0 -1.6	25-44.1 80-21.2	4.2 -3.6	Black m