

19780919I1 - FDIA RFC FLT LOG

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RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N432F	
				FLIGHT NO. 59-78	
				FLIGHT ID 780919I	
				DATE SEP. 19/78	
FLIGHT LOG					
TAKE OFF (City or airport) MIA		LAND (City or airport) MIA		ALTITUDE 200' VAR.	
PURPOSE NHC - SURVEY HURRICANE Greta DAMAGE					
PROPOSED TAKEOFF TIME: 1400Z			PROPOSED FLIGHT DURATION :		
TIME IN: 2315Z			TIME ON :		
TIME OUT: 1400Z			TIME OFF : 141041Z		
BLK. TIME: 9:15HRS			FLIGHT TIME :		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE	ROSE	DAVIS	DANIELS		FRANK
NOBLE	CORRELL	BROWN	EMMANUEL		TRUE
SALADIN		MURPHY			PELISSIER
BERGNER		FENNELL			PRICE
PROPOSED MISSION SURVEY HONDURAS + BELIZE COAST NO DATA REQUIREMENT XCP RADAR + PHOTO RECORDS KEPT BY SIG					
ACTUAL MISSION AND REMARKS AS PLANNED					
DATA COLLECTED AND REMARKS 4 STD A/C OIG TAPE ADC PROBLEMS AT BEGINNING OF FLIGHT					

NOV 7 REC'D

ALT T/O
3005

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A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Gunnoc		Bergner		N43RF		780919		1112:48		KMIA N25-48.3 W80-17.6		19 Sept 78		photo	
TIME OF ENTRY	POSITION	TYPE	INERTIAL #1 POSITION		LAT LON COR'S	INS #2 / A/dpl. POSITION		LAT LON COR'S	REMARKS						
1357 1404	N25-48.3 W80-17.6		N25-48.3 W80-17.4		0 +0.2	N25-48.3 W80-17.4		0 +0.2	ENG TAXI						
1412									Tot/KMIA						
1413			224 40.8 W81-04.0			N21-41.3 W81-04.3			Circling Marathon 300' AGL						
1529	23-47 W83-45		N23-45.4 W83-45.0		+1.6 0.0	N23-44.8 W83-44.9		+2.2 +0.1	3H1 2150 3H0 1410						
1558			N22-08.1 W85-41.7			N22-09.4 W85-38.6			DPLR IN OP						
1619	N20-44 W85-35		N20-40.4 W85-33.9		+3.6 +1.1	N20-44.7 W85-34.0		-0.7 +1.0	3H1 2670 3H0 1620						
1652			N18-11.6 W84-22.1			N18-16.9 W84-21.1									
1722			N16-07.8 W83-11.0			N16-14.4 W83-09.4			> 500'						
1833	N16-00.0 W85-54.0		N15-54.2 W85-54.9		+5.8 -0.9	N15-03.3 W85-53.5		-5.3 +0.5	500' Hand down Coast visual						
2025	N16-57.0 W87-13.0		N16-48.4 W88-14.8		+8.6 -1.8	N16-57.0 W88-13.3		0.0 -3.2	500' Belize Coast Abeam St Johns Creek						
2110			N19-16.9 W87-31.0			N19-24.8 W87-27.7			FL210						
2134	N21-16.0 W86-35.0		N21-08.4 W86-32.3		+7.4 +2.7	N21-16.8 W86-29.4		-0.8 +3.6	CEM R-025/50						
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE		ALIGN STS C-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS					
				ELAPSE ALIGN	POST TIME					LAT	LONG	G S			
INS 1	1338	-	-	—		5	1330	2219	8+29	+7.1	-3.5	5			
INS 2 or IMU	1337	SA	Ω/dpl	—		5	1350	2219	8+29	+0.3	+0.7	3			
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															

2134
0109

[illegible]

FLIGHT PERFORMANCE LOG

DATE 19 SEPT 78
MISSION NHC Photo Recon
TIME OUT _____

FLT. TECH. McBry / DANIES
A/C NABRE
TIME RTN _____

SYSTEM	PRE-FLIGHT	IN-FLIGHT	POST-FLIGHT	
Nav INE1	✓	✓		
INE2	✓	✓		
ONE	✓	✓		
DOPL	✓	✓ (3)		
Radar Nose	✓	✓		
L-F	✓	✓		
Tail	NI	NI	NI	
Data Syst.	✓	✓		
RAMS	✓	✓		
Sensors	✓	✓ (2)		
Total Temp.	✓	✓		
Dewpoint	✓	✓ (2)		
Attack Angle	✓	✓		
Slip Angle	✓	✓		
Absolute Pressure	✓	✓		
Differential Press	✓	✓		
Radar Altitude	✓	✓		
J&W	✓	✓ (2)		
PMS OAP-2DP	✓	NU		
OAP-2DC	✓	NU		
FSSP	✓	NU		
Data Syst.	✓ (1)	NU		
IPC	NU	NU		
Foil Impactor	NI	NI		
CO ₂ Radiometer	NI	NI		
Microwave Radiometer	NI	NI		
Surface Radiometer	✓	✓		
Formvar	NI	NI		
Photography	✓	✓		
AXBT-- Tubes 6 (no chgs)	✓	NU		
Receivers	NU	NU		
ODW	NI	NI		
Seeder	NI	NI		
Gust Probe	NI	NI		

Code: ✓ - Operational; X(#) - Failure (note); NU - Not Used
NI - Not Installed

Notes:

- ① CONFIRMED PREV WRITE UP
- ② J&W, TD WANDERING (INPUTS TO P.P.)
VACCEL 1½ NO INPUT TO PP
- ③ ONE HEADING TO DATA SYSTEM ?? BROWN
- ④ DMTR #1 DOOR LATCH BROKEN AGAIN.

	PRE-CAL		POST-CAL	
	HI	LO	HI	LO
#1	30.2	30.1	30.1	30.0
#2	30.8	30.0	30.7	29.9