

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 RESEARCH FACILITIES CENTER
 MIAMI, FLORIDA

FLIGHT LOG

AIRCRAFT: N42RF
 FLIGHT NO.: 43-81
 FLIGHT ID: 091181H
 DATE: 17 SEPT 81

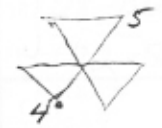
TAKE OFF (City or airport): KMIA LAND (City or airport): KMIA ALTITUDE: 5,000'

PURPOSE: LONG TERM MONITORING HURRICANE BERT

PROPOSED TAKEOFF TIME: 0430Z	PROPOSED FLIGHT DURATION: 10
TIME IN: 1415Z	TIME ON: 1410
TIME OUT: 0425Z	TIME OFF: 0435Z
BLK. TIME: 9:50 HRS	FLIGHT TIME: 9:35 HRS

FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
WERLEY	SCHISSEL	McFADDEN		P. BLACK	MERRILL
NOBLE		DARBY		B. BLACK	BARNES
CORRELL		DUGRANUT		G. HOLLAND	JTN
COX		STONE		AL FARR	

PROPOSED MISSION
 T.O. _{MIA} → 28N 73'W CRZ w/ PATTERN START AT
 POINT ④ → 2 → 5 → 6 → 2 → 7 → 1 → 3 → 4
 RPT.
 FIG 4 if possible



ACTUAL MISSION AND REMARKS
 2 patterns at 5000' plus 3 → 4* → 2
 TAS OUTBOUND 0529-0531
 0533-0535
 053630-053830
INBOUND 124030-124230
 124345-124745
 1249 - 1251

DATA COLLECTED AND REMARKS
 1 STD FLT LVL TAPE
 10 RADAR
 5 CLD PHYS.

Use Syst. 2.1

COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Verley	Cox/Schroed	# 42	of Gert.		MIA → GERT → MIA	810911	of Gert Long term MIA

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
0424	N25-48.2 W080-17.6		25-48.7 080-17.4	+0.1 +0.2	✓ 080-17.5	+0.1 +0.1	Ramp 043
043452			INE #2		#1		T.O.
0610	of GERT	#5	N 27-26.3 W 073-09.4		Center		TASSO 240. ↓ S.O 80nm out. Enroute Cal after Enter.
		#6	28-37.0 072-24.0				PRE 8962 6645
		#7	28-37.0 173-52.0				
0710	of GERT	#5	N 27-41.7 W 072-59.0		27-43.9 073-01.6		Using
		#6	N 26-21.0 W 072-14.0				
		#7	N 27-40.7 W 071-30.0	#8	N 27-50.0 W 072-52.0		INE
0810	of GERT	#5	N 27-53.0 W 072-53.9		N 27-57.0 W 072-56.0		
	142	#6	N 27-53.0 W 074-21.5				#2
		#7	N 26-56.9 W 073-32.5	#8	N 28-06.0 W 072-50.0		
0909	of GERT	S	N 28-10.4 W 072-35.4				

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	/	✓	✓	/	1	0352	1414	0+22	+7.4	-4.9	9
INS 2 or IMU	/	✓	✓	/	0	✓	✓	✓	-1.5	+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

POSITION	TYPE	INERTIAL POSITION #2	LAT LON COR'S	TWE#1 POSITION	LAT LON COR'S	REMARKS
		#6 N 28-53.0 W 071-16.0		N 29-18.0 W 071-53.0		
		#7 N 29-34.2 W 073-14.0	#8	N 28-26.0 W 072-28.0		
1005	GERT	#5 N 28-23.5 W 072-29.2		28-30.5 072-31.9		
		#6 N 27-16.0 W 071-44.5				
		#7 N 28-40.0 W 070-50.5	#8	N 28-40.0 W 072-20.0		
1100	Gert	#5 N 28-36.5 W 072-14.5		N 28-43.3 W 072-17.0		
		#6 N 28-36.5 W 073-45.0				
		#7 N 27-30.0 W 071-55.0	#8	N 28-30.0 W 071-55.0		1+45 to Mia.
1202	Gert	28-49.8 072-07.3		28-55.2 072-11.2		
140848		#1		#2		Land
		N 25-48.2 W 080-17.6	+7.4 -4.9	N 25-49.7 W 080-16.9	-1.5 +0.7	Ramp
	2-Site 1100m	200 24.0				
		25.0 5.		1 min 2		
1205 +22		20.0		1235 -10		ETA MIA
+10 1237				1314		1405 land
		#1 9L On land 9L				
		1210Z				