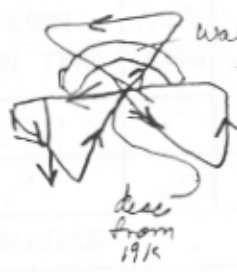


RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N43RF	
FLIGHT LOG		FLIGHT NO.	
		FLIGHT ID 091281I	
		DATE 12 SEPT 81	
TAKE OFF (City or airport) KMIA	LAND (City or airport) KMIA	ALTITUDE 5000'	
PURPOSE long term monitoring Hurricane GERT 09Z & 12Z FIX			
PROPOSED TAKEOFF TIME: 0600Z		PROPOSED FLIGHT DURATION: 10hrs	
TIME IN: 1522Z		TIME ON: 1512	
TIME OUT: 0545Z		TIME OFF: 0559	
BLK. TIME:		FLIGHT TIME:	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
Werley		Mr. FADEN	BLACK, P.
Noble		Du Grant	BLACK, B
Cicirelli		DARBY	Soukup
Cox		STONE	HOLLAND
TOMCHAY BOYETTE Mercier			
PROPOSED MISSION MIA → 19K, SAWTOOTH VAS → GERT DESC 40 SK BUTTERFLY & 4 09Z & 12Z FIX			
ACTUAL MISSION AND REMARKS ZIGZAGS			
		wall(?) cd. Fix: 9Z & 12Z Enter from S, to SW for 9Z Fly butterfly: end in cti. for 12Z fix. desc. to 1000' & depart toward W. intercept in 60-70kt wind field: turn S for laser run	
DATA COLLECTED AND REMARKS 2 RADAR C I		① 070645 - 07845 ② 071015 - 071415 233/7 ③ 071540 - 071740 ① 133140 - 133940 ② 133455 - 133655 ③ 134010 - 1342	

PILOT / COMMANDER Worley	NAVIGATOR Cox	A/C NO. 43	MISSION NO. 1215Z	TIME AIRBORNE	LOCATION MIA → GERT → MIA	DATE 810912	PROJ. NAME Hawaii Gert
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TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
0548	N 25-48.3 W 080-17.6		N 25-48.3 W 080-17.6		N 25-48.3 W 080-17.6		Ramp 038
055823			25-48.1 080-17.1		25-48.1 080-17.2		Take off. 270 TL 100 FT ZBV
							32-25 N 0500Z 068-35W fix.
0708			INE Correlation Came Back to 020!!	Status	086 not good!		Using INE # 1 INE # 1 & 2 within 1nm of each other
0900	Gert	1	N 32-49.2 W 067-49.5		N 32-48.8 W 067-50.		Using Syst # 1
		2	N 34-00.0 W 067-05.0				32-55.0 N 067-49.6 W
		3	N 34-00.0 W 068-40.0				
		4	N 33-03.0 W 067-40.0				050/12 KTS ?
095400	Gert	1	N 33-07.1 N 067-39.4 W		33-07.2 N 067-40.0 W		↑ 040/14 Kts.
		2	N 32-02.0 W 066-50.0				
		3	N 33-19.5 W 065-55.5				
		4	N 33-19.5 W 067-28.0				

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 ERROR		
									LAT	LONG	G
INS 1	0532	✓	✓		5	0542	15.22	740	-0.7	+2.0	1
INS 2 or IMU	✓	✓	✓		5	✓	✓		-1.4	+0.3	2

ALIGN REMARKS:

OTHER REMARKS: Used Syst 1.

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL

