

19811105HI-FDIR

1

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N42RF	
				FLIGHT NO. 811105 H	
				FLIGHT ID 2-82	
				DATE 11/5/81	
FLIGHT LOG					
TAKE OFF (City or airport)	LAND (City or airport)	ALTITUDE			
MIA	MIA	1500'			
PURPOSE RECCON KATRINA (HURRICANE)					
PROPOSED TAKEOFF TIME:		22Z		PROPOSED FLIGHT DURATION: 9HRS	
TIME IN:		0710		TIME ON: 0704	
TIME OUT:		2150		TIME OFF: 220.8	
BLK. TIME:		9,3 HRS		FLIGHT TIME: 8:56 HRS	
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE		HAYDU	BERLES	JORGENSEN	WANG
GENSLINGER		PARADIS	E. DAVIS	GOLDENBURG	MORITZ
COX		STONE		SIMPSON	BELLMAN
ROSE		CALVERT		Revitte	CAMERON
PROPOSED MISSION FIXES AT 00Z & 06Z					
ACTUAL MISSION AND REMARKS FIX 06/0022Z 21° 00'N 79° 21'W 50KTS 996MBS FIX 06/0301Z 20° 54'N 78° 53'W 60KTS 998MBS EST. 06/0545Z 20° 55'N 78° 20'W 50KTS 1003MBS center not penetrated.					
DATA COLLECTED AND REMARKS 1 % 1 slow tape 6 RADAR TAPES USE INE #2					

HKT
13,260

61

[illegible]

06/0545

POSITION

estimated $\checkmark$ by 1500' flight track
wind. Center was not penetrated
since storm was on the coastline.

estimated position is

20° 55' N

78° 20' W

Highest wind 50 KTS

LOWEST PRESSURE

1003 mb

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Mannoe	Cox	42			MIA → Katrina	8/11/05	Katrina.

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
2146	N 25-48.3 W 080-17.6		N 25-48.5 W 080-17.8	-0.2 -0.2	25-48.6 080-17.8	-0.3 -0.2	
220746							T.O.
220755							Rad. On.
	N 23-05.0 W 081-23.0		23-04.2 081-26.8	+0.8 -2.2	23-06.0 081-22.3	-1.0 +0.7	Varden
2239			N 24-03.8 W 081-05.4		N 24-04.1 W 081-03.2		TACAN MIA WR. VARDEN
	22-04.0 081-02.0		22-04.8 081-05.5	-0.8 -3.5	22-06.3 081-02.3	-2.3 -0.3	GIRON →
0022			21-00.2 079-21.4				Katrina.
			20-57.2 079-22.4		0600		
							Simones 019/55
							030/33
			20-59.0 079-18.2	NW 6	20-56.7 079-15.4	NW 2.5	025/51
231							3.0 21.8-46

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	G S
INS 1	2029	✓	✓	?	0	2128	67.14	9446	-4.7	-5.8	2
INS 2 or IMU	✓	✓	✓	?	✓	✓			+1.9	0	1

ALIGN REMARKS:

2252

OTHER REMARKS:

13
0.5

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

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
							Jimones 355
0301	N 20.89 W 78.89		20-54.0 N 078-53.0 W				2 Katrina
0342	N 21		N 21-10.4 W 079-12.3		N 21-05.1 079-08.3		025/30
			N 20-59.4 W 079-02.2		N 20-53.8 W 078-58.1		010/42
			N 20-23.0 W 079-00.0				
			N 21-00.0 W 078-42.0				
			N 20-49.2 W 078-48.7		20-42.6 079-44.4		352/53
			20-45.5 078-29.0		20-38.5 078-24.4		336/63
			20-55.0 N 078-20.0 W				2 Katrina
	N 21-40.0 W 078-50.0		N 21-45.2 W 078-53.9	-5.2 -3.9	N 21-37.7 W 078-48.8	+2.3 +1.2	Dr. Jimones
	070443		Tand				
			1				
	N 25-48.3 080-17.6		25-53.0 080-23.14	-4.7 -5.8	25-46.2 080-17.6	+1.9 0	Ramp
			2		1		
	02						