

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA <b style="text-align: center;">FLIGHT LOG		AIRCRAFT N43RF FLIGHT NO. 3-80 FLIGHT ID 811105I DATE NOV. 5, 81
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE 1500'
PURPOSE NHC-RECON TS KATRINA		
PROPOSED TAKEOFF TIME: 0430Z	PROPOSED FLIGHT DURATION: 10 HRS	
TIME IN: 1910	TIME ON: 1852Z	
TIME OUT: 0930Z	TIME OFF: 0943Z	
BLK. TIME: 9:40HRS	FLIGHT TIME: 9:15HRS	
FLIGHT PERSONNEL		
OPERATIONS CREW	SCIENTIFIC CREW	VISITORS
WIERLEY HARRISAN	DAVIS	FENNER
MANDELKERN	DEVIVO	FEINBERG
NELSON HUNN	GOLDSTEIN	TATNALL
TRICCI	JARVI	FARR
PROPOSED MISSION RECON KATRINA - 102, 182 FIXES		
ACTUAL MISSION AND REMARKS AS PLANNED 6 PENETRATIONS LOWEST PRES 980MB HIGHEST WIND 1280/90KTS		
DATA COLLECTED AND REMARKS 1 STD FLT LYL TAPE		

OSTI KATRINA

TK	LA	LD	RA	PA	D	TA	TD	WD	WS	SP
136	OWT MIA	29.95								
14310	OFF									
048	BGN DEENT TO 1500'									
1100	180 20 89	81 15	475	541	-67	23	22	053	16	002
1110	000 19 54	81 09	438	551	-95	27	19	021	18	998
1115	103 19 51	80 47	415	560	-124	28	19	055	21	998
1118	19 56 80 36							080	04	985
	MAX W 75 MAX N 75									
	1955 FT N 200 350 W									
1203	134 20 42	81 35	475	530	-50	24	21	050	12	004
1211	134 20 24	81 05	454	525	-70	24	21	075	20	001
1220	134 20 03	80 45	440	574	-131	24	22	061	22	994
1304	19 58 80 30							165	11	980
	MAX W 75 MAX N 75									
	1956 FT N 188 147									
1332	20 03 26 57	420	660	-210	30	22	150	20	025	9
1406	139 20 28	80 39	439	523	-23	24	21	152	28	990
1414	20 06 80 24	429	697	-208	32	19	286	22	985	9
1509	BGN CIRCUMNAV (HEXA) AT 60NM TX 070									
1523	END LEG FX 030									
1537	" " TX 203									
1546	" " TX 070									
1622	END CIRCUMNAV									
1641	356 19 31	79 44	454	510	-56	25	21	215	26	003
1652	331 20 15	80 00	455	585	-136	25	22	193	38	993
1657	20 27 80 17	477	638			30	22	055	10	992
1718	191 20 24	80 50	441	516	-76	23	21	130	21	001
1730	20 23 80 15							30	22	989
1729	20 23 80 09	452	622			30	20	019	02	989
185738	OW MIA									
1910	IN 29.89									

PILOT / COMMANDER Berley	NAVIGATOR Wels	A/C NO. NOAA 43	MISSION NO. 811105	TIME AIRBORNE 0947	LOCATION N25 48.3 W080 17.6	DATE 5 Nov 81	PROJ. NAME KATRINA
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TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
0932	N 25 48.3 W 080 17.6	4	SAME		48.2 SAME		31K
0943	N 25 48.0 W 080 18.1	4	25 48.0 W 080 18.2		47.7 W 080 18.2		T/O Rwy 9L KMZ
1027	N 23 05.0 W 081 22.2	2 10	N 23 04.8 W 081 21.8		N 23 04.9 W 081 22.2		VARDER OVER
1117	N W	10	N 19 54.8 W 080 36.6		N 19 54.6 W 080 38.0		⊙ #1
1225		10	N 19 58.4 W 080 27.9		N 19 58.9 W 080 29.6		11 58Z. INE. ⊙ # DISCONNECT CODE 00000
1233	N 19 39.5 W 080 07.0	4 10	N 19 40.1 W 080 07.3		N 19 40.0 W 080 09.6		SW PT LIL CAYMAN
1315	N 19 16.5 W 081 15.5	4 10	N 19 16.1 W 081 13.6		N 19 16.8 W 081 16.4		Budden Town OVER
1331		10	N 20 02.7 W 080 23.1		N 20 04.1 W 080 26.2		⊙ #3
1414		10	N 20 04.5 W 080 21.9		N 20 04.5 W 080 23.1		N 20 06.0 ⊙ #4 W 080 24.0
1424	N 19 41.5 W 079 52.5	4 10	N 19 41.0 W 079 52.4		N 19 41.7 W 079 54.1		CAY BRAC A/P.
1503	N 19 18.5 W 081 11.4	4 10	N 19 17.6 W 081 09.4		N 19 20.4 W 081 12.3		EASTERN SEACH. TOWN CAYMAN OVER
1729		10	N 20 23.9 W 080 09.3		N 20 27.4 W 080 09.6		⊙ #6

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 ERROR		
				ELAPSE ALIGN POST TIME					LAT	LONG	G S
INS 1	0836	Y	?		2	0908	1912	10.1			1
INS 2 or IMU	0836	Y	?		5	0908	1912	10.1			2

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

