

19840924H1-FDIR

RFF-10 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N42RF	
				FLIGHT NO. 6784	
				FLIGHT ID 840924H	
				DATE SEPT 24 1984	
TAKE OFF (City or airport) NIZY NORTH ISLAND SAN DIEGO		LAND (City or airport) NIZY		ALTITUDE 19500ft	
PURPOSE HURRICANE NORBERT					
PROPOSED TAKEOFF TIME: 1900Z			PROPOSED FLIGHT DURATION: 10 HR		
TIME IN: 0705			TIME ON: 0700		
TIME OUT: 2140Z			TIME OFF: 2140Z		
BLK. TIME: 9:25			FLIGHT TIME: 9:14		
FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
GEDZIKER	MOORE	DARBY	McFADDEN	WILLIS	BURPEE
NOBLE	NUNN	BERLES		ROBERT	BLUESTEIN
BARNHILL		JARVIZ		HOUZE	HALLATT
CORNELL		GONZALEZ		KAHLEN	
PROPOSED MISSION Eye wall water Budget					
ACTUAL MISSION AND REMARKS 85 1007.3 ALT 29,82					
DATA COLLECTED AND REMARKS 42 CPTAPE 12 eye Ant 12 RADAR 1 SLOW					

2200Z

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME				
GENZLINGER	BARNHILL	N42RF	840924	2145	N. Isl. NAS N 32-42.1 W 117-12.0	24 SEPT 84	NORBERT S-HRD				
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS				
191154	N 32-42.1 W 117-12.0	4	N 32-42.1 W 117-12.0	±0 ±0	N 32-42.1 W 117-12.0	±0 ±0	N. Isl. NAS RAMP BLOCKOUT				
191635	N 32-42.6 W 117-12.6	4	N 32-42.4 W 117-12.6	+1.2 ±0	N 32-42.5 W 117-12.6	+1.1 ±0	N. Isl. NAS RWY 18 APP END				
193449	N 32-42.1 W 117-12.0	4	N 32-42.1 W 117-12.0	±0 ±0	N 32-42.3 W 117-12.1	-1.2 -1.1	RTN TO RAMP 43RF / MAINT Reg				
2139	N 32-42.1 W 117-12.0	4	N 32-42.1 W 117-12.0	±0 ±0	N 32-42.1 W 117-12.0	±0 ±0	REALIGNED INE's N. Isl. NAS RAMP BLOCKOUT				
214340	N 32-42.6 W 117-12.6	4	N 32-42.5 W 117-12.6	+1.1 ±0	N 32-42.5 W 117-12.6	+1.1 ±0	N. Isl. NAS RWY 18 APP END				
2208	N 31-36.5 W 117-32.0	2	N 31-35.2 W 117-29.9	+1.3 +2.1	N 31-35.2 W 117-29.9	+1.3 +2.1	019/08.5 N. Isl. TACAN				
2305	N 27-54.0 W 115-40.0	6	N 27-59.4 W 115-43.7	-5.4 -3.7	N 27-59.5 W 115-43.9	-5.5 -3.9	19LA CEDROS MTN TP 058/28				
2313	N 27-32.0 W 115-27.0	6	N 27-32.6 W 115-26.6	-1.6 +1.4	N 27-32.7 W 115-26.8	-1.7 +1.2	PENINSULA 060/35				
0035		9	N 22-19.4 W 112-11.2		N 22-19.5 W 112-12.1	Ø Ø	NORBERT CNTR #1				
010853		9	N 22-24.4 W 112-15.6		N 22-24.9 W 112-17.7	Ø Ø	NORBERT CNTR #2				
		9	N 22-27.5 W 112-16.5		N 22-28.2 W 112-18.9	Ø Ø	NORBERT CNTR #3				
014020		9	N 22-28.4 W 112-17.5		N 22-28.7 W 112-19.7	Ø Ø	NORBERT CNTR #4				
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.	ΔT (2)(1)	TERMINAL ERRORS		
									LAT	LONG	GS
INS 1	1951Z	Y	Y	—	1	213214	0707	9435	-1.2	+5.0	1
INS 2 or IMU	1957Z	Y	Y	—	1	213214	0707	9435	+2.0	-1.2	7
ALIGN REMARKS: NGFG NOT OPERATIONAL INE'S FREE											
OTHER REMARKS: Hdq ✓ RWY 18 = 195.2 ✓ = 195.7, 195.9											
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL											

3101
2132
935

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
022000		9	N 22-33.8 W 112-23.9		N 22-33.7 W 112-26.7		NORBERT CNTR #5
023759		9	N 22-35.9 W 112-25.6		N 22-36.2 W 112-28.9		NORBERT CNTR #6
0307		9	N 22-39.7 W 112-27.2		N 22-38.9 W 112-30.9		NORBERT CNTR #7
031725		9	N 22-41.3 W 112-29.4		N 22-40.0 W 112-32.9		NORBERT CNTR #8
0350		9	N 22-45.2 W 112-33.6		N 22-43.8 W 112-38.0		NORBERT CNTR #9
0406		9	N 22-48.4 W 112-35.3		N 22-46.8 W 112-39.8		NORBERT CNTR #10
0425		9	N 22-49.7 W 112-37.1		N 22-47.1 W 112-41.5		NORBERT CNTR #11
0443		9	N 22-50.7 W 112-38.7		N 22-47.2 W 112-43.7		NORBERT CNTR #12
0453	N 23-12.1 W 111-54.0	2	N 23-16.1 W 111-55.0	-4.0 -1.0	N 23-12.4 W 112-00.3	-1.3 -6.3	LAP VOR/DME 058/100.5
0500	N 23-46.0 W 112-24.0		N 23-44.4 W 112-21.6	+1.6 +2.4	N 23-40.9 W 112-27.1	+5.1 -5.5	LAP 080/114
0508	N 24-30.5 W 112-53.0		N 24-24.8 W 112-51.2	+5.7 +1.8	N 24-21.4 W 112-57.0	+9.1 -4.0	LAP 100/142
0510							Corrected # 2 +2.5 LAT -3.0 LON
0555							CORRECTED # 2 +1.0 LAT +3.0 LON
065941	N 32-41.3 W 117-13.1	4	N 32-41.5 W 117-08.4	-1.2 +4.7	N 32-39.8 W 117-14.6	+1.3 -1.5	N ISL. NAS Runy 36 APPEND 29.84
070524	N 32-42.1 W 117-12.0	4	N 32-42.3 W 117-07.0	-1.2 +5.0	N 32-40.1 W 117-13.2	+2.0 -1.2	N ISL. NAS Ramp BLOCK IN