

19840913I1-FDIR

1017

RFF-10 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA			AIRCRAFT NH3RF	
					FLIGHT/NO. 74-84	
					FLIGHT ID 840913I	
					DATE SEPT 13 1984	
FLIGHT LOG		TAKE OFF (City or airport) KMZA		LAND (City or airport) KMZA		ALTITUDE 1500 FT
PURPOSE DJANA						
PROPOSED TAKEOFF TIME: 1600Z			PROPOSED FLIGHT DURATION: 9HR			
TIME IN: 2217			TIME ON: 2211			
TIME OUT: 1605Z			TIME OFF: 1616Z			
BLK. TIME: 6:12			FLIGHT TIME: 5:55			
FLIGHT PERSONNEL						
OPERATIONS CREW		WEATHER CREW			VISITORS	
GENBLANER	CALVERT	DARBY	LURD	MURRAY ^{ABC}	WILLIAMS ^{USA}	
MEYERT		SCHRICKE	KOHLER	BERKMAN		
BARNHILL		GOLDSTERN	BERKELEY	Ruggles ^{FBS}		
KLEURY			TATMALL	Goldstein ^{GAS}		
PROPOSED MISSION DJANA INSITORS, 1/2 HOUR RECCO FOR NHC						
ACTUAL MISSION AND REMARKS 12 RECCOS XMTD						
DATA COLLECTED AND REMARKS 4 RADAR 12 RADAR, DOPPLER TAPES + 1/10 PO TO HRD 4 POPPLER 1 SLOW F, LS, RS, VRT CAM						

INE 2

National
Oceanic &
Atmospheric
Administration

FLIGHT PLAN

Research
Facilities
Center

PROPOSED T.O. ~~1600Z~~ / 9/13
ACTUAL T.O. 1610

RTE	TO	TEMP		IAS	TC	VAR	MC	W		V	TH	MH	GS	Zone Time	Total Time	Total Dist	Proposed ETA	ETA ATA	
		ALT	TAS																
1	MIA N25-48.3W78-17.6																		
2	Palm Bch N26-40.8W78-05.2				008			270		5			220	+15	+15	55	1631	1637	1634
3	ADDER N29-24W78-33				027			270		10			250			183	1716	1713	
4	OZENA N32-25.2W78-20.9				010			270		30			255	+14	+14	60	1730	1725	1725
5	Miloe N32-17.7W77-57.3				010								245	+28	+42	116	1758	1753	
6	N33-40 W78-00				358								240	+20	+02	82	1818	1813	

ATC CLEARANCE: INFO "B" 1540Z 2500 @ 070 3007 ALT Opt 9L, 12

Opt MIA 4 11945 2354 SQ 121.8 GND

ENROUTE CLEARANCES: ↑ M 7000' ST @ 2000' ↑ M 5000' L → 020 L → 300

↑ M 15000 CAT MC 132.45 AT Palm Bch ADDEER Palm Bch 133.4
132.15 MIA CENTER MIA 579 FL100 3256 SQ

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
GENZLINGER	BARNHILL	N43RF	840913	161628	MIA N25-48.3 W080-17.6	13/ Sept, 1964	Recon DIANA

TIME OF ENTRY	POSITION	TYPE	#1 INERTIAL POSITION	LAT LON COR'S	#2 POSITION	LAT LON COR'S	REMARKS
160503	N25-48.3 W080-17.6	4	N 25-48.2 W 080-17.6	+1 ±0	N 25-48.1 W 080-17.3	+2 +3	MIA RAMP Black out
160916	N25-48.05 W080-17.85	4	N 25-48.1 W 080-17.9	±0 ±0	N 25-48.0 W 080-17.6	+1 +3	MIA Rwy 9L APP END
163401	N26-40.8 W080-05.2	2	N 26-40.8 W 080-05.4	±0 -2	N 26-40.6 W 080-05.2	+2 ±0	PALM Bch VOR INS QF = 053, 053
170122	N28-35.5 W079-05	* 2	N 28-36.0 W 079-06.3	±0 -1.3	N 28-35.8 W 079-06.5	-3 +1.5	FIX PBI 205/125nm FL170 INS QF = 036, 036
173312		10	N 31-09.7 W 078-11.7		N 31-09.2 W 078-11.6		Descent Ω on @ 1727 INS QF = 040, 040
1810	INS QF = 038, 038	10	N 33-40.3 W 078-05.2		N 33-40.0 W 078-05.5	LvL	Along coast Ω on @ 1740 Hdg 240 Ω on @ 1745
183854		10	N 32-31.8 W 078-17.2		N 32-31.2 W 078-17.8	TP 3	LFT → 000 INS QF = 038, 038
185117		10	N 33-01.0 W 077-29.6		N 33-00.6 W 077-29.9	TP 4	LFT → 325 INS QF = 036, 036
190644	33-51.0 77-45.4	* 2	N 33-50.1 W 077-44.4	+1.9 +6.4	N 33-49.8 W 077-44.6	+1.2 +18	FIX ILM 350/32 INS QF = 032, 032
193125	N34-42.5 W076-39.4	4	N 34-44.6 W 076-37.4	-1.9 +2.0	N 34-44.0 W 076-38.0	-1.5 +1.4	BEAUFORT AP INS QF = 034, 034
201453		10	N 33-29.3 W 078-52.6		N 33-28.7 W 078-53.8		Climbing ↑ FL100 INS QF = 036, 036
							J-79 → MIA

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS		
				ELAPSE ALIGN POST TIME					LAT	LONG	GS
INS 1	1500	Y	Y	—	1	1531	2219	6+48	+1.7	+3.5	3
INS 2 or IMU	1500	Y	Y	—	0	1531	2219	6+48	-0.4	+1.5	0

ALIGN REMARKS: INE 2 → NAV 1ST

OTHER REMARKS: Hdg V Rwy = 087.5 V = 87.9, 87.7 Ω on @ 162104 TAsV@

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

