

# 19840912 HLFDIR

RFF-10 WORK FORM (8 - 72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT <b>N42 RF</b>	
				FLIGHT NO. <b>62-84</b>	
				FLIGHT ID <b>840912H</b>	
				DATE <b>840912</b>	
TAKE OFF (City or airport) <b>KMIA</b>		LAND (City or airport) <b>KMIA</b>		ALTITUDE <b>5000'</b>	
PURPOSE <b>RECCO H: DIANA - 62, 92, 122 FIX'S</b>					
PROPOSED TAKEOFF TIME: <b>0000</b>			PROPOSED FLIGHT DURATION: <b>9 hrs</b>		
TIME IN: <b>1343Z</b>			TIME ON: <b>1339</b>		
TIME OUT: <b>0351Z</b>			TIME OFF: <b>0402Z</b>		
BLK. TIME: <b>9:51</b>			FLIGHT TIME: <b>9:37</b>		
<b>FLIGHT PERSONNEL</b>					
OPERATIONS CREW		WEATHER CREW		VISITORS	
<b>GENZLINGER</b>	<b>CALVERT</b>	<b>DARBY</b>	<b>BURPEE</b>	<b>GAIDICA</b>	
<b>MEYERS</b>		<b>SCHRILKER</b>	<b>DORST</b>	<b>DUMONTELLE</b>	
<b>BARNHILL</b>		<b>GOLDSTEIN</b>	<b>R BLACK</b>	<b>REID</b>	
<b>MOORE</b>		<b>ABELING</b>		<b>SLEVIN</b>	
PROPOSED MISSION <b>7</b>					
ACTUAL MISSION AND REMARKS <b>7 penetrations</b>					
DATA COLLECTED AND REMARKS <b>RADAR TAPE 16</b> <b>RAMS SLEW 1</b>					

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Genzlinger	BARNHILL	N42RF	840912	040204	MIA N25-48.3 W80-17.6	9/12/84	Recon of DIANA

TIME OF ENTRY	POSITION	TYPE	#1 * INERTIAL POSITION	LAT LON COR'S	#2 POSITION	LAT LON COR'S	REMARKS
035036	N25-48.3 W80-17.6	4	N25-48.3 W80-17.6	±0	N25-48.3 W80-17.6	±0	MIA Ramp Block out
035525	N25-48.0 W80-18.0	4	N25-48.0 W80-18.0	±0 ±0	N25-48.0 W80-18.1	±0 -1	MIA Rwy 9L APP END
041654	N26-40.8 W80-05.2	4/2	N26-40.7 W80-05.4	+1 -1.2	N26-41.2 W80-05.8	-0.4 -0.6	Palm Beach VOR INS QF = 049, 049
0456		10	N29-27.0 W078-32.1		N29-28.6 W078-32.3		A Door FL150 INS QF = 055, 055
050715		10	N30-22.3 W078-22.4		N30-23.9 W078-22.6	FL150 500'	OZENA FL150 INS QF = 055, 055
055001		10	N33-30.7 W077-59.2		N33-32.1 W078-00.3	TP 1	TRN TO 036°T → 9 INS QF = 045, 045
060551		10	N34-00.7 W077-30.1		N34-02.1 W077-30.9	#1 9	DIANA CNTR #1 INS QF = 043, 043
061524		10	N34-29.1 W077-00.3		N34-30.3 W077-00.8	TP 2	TRN → 130 INS QF = 043, 043
062603		10	N34-08.3 W076-27.4		N34-09.2 W076-27.6	TP 2	TRN RT → 200 INS QF = 045, 045
064000		10	N34-01.2 W077-29.8		N34-01.6 W077-30.6	#2 9	DIANA CNTR #2 INS QF = 045, 045
070805		10	N34-43.7 W075-38.1		N34-45.3 W075-39.8	TP 3	TRN RT → 175 INS QF = 041, 041
072601		10	N33-43.7 W075-32.8		N33-44.8 W075-33.9	TP 4	TRN RT → 280 INS QF = 040, 040

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	0300Z	Y	Y	—	3	0331	1346	10+16	-3.1	+2.4	0
INS 2 or IMU	0300Z	Y	Y	—	5	0330	1346	10+16	-6.7	-3.0	2

ALIGN REMARKS:

OTHER REMARKS: Hdq ✓ Rwy Hdq = 087.5T HdqV = 87.5, 87.6 TAS CAL @ 0523

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

