

19830929ILFDIR

*not used for HRP*  
*Possible HRP*

RFF-10 WORK FORM (8 - 72) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA  FLIGHT LOG	AIRCRAFT	N432F
	FLIGHT NO.	47-83
	FLIGHT ID	830929I
	DATE	SEP. 29, 83

TAKE OFF (City or airport)	LAND (City or airport)	ALTITUDE
MIA	MIA	1500'

PURPOSE NHC - RECON T. S. DEAN

PROPOSED TAKEOFF TIME:	1500Z	PROPOSED FLIGHT DURATION:	10 HRS
TIME IN:	0205Z	TIME ON:	0158Z
TIME OUT:	1450Z	TIME OFF:	1503Z
BLK. TIME:	11:15 HRS	FLIGHT TIME:	10:55 HR

FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
TICKNOR	CALVERT	DAVIS			TOMCHAY
MANDELKERN		DEVIVO			
SCHISSEL		GOLDSTEIN			
RICCI		BALL			

PROPOSED MISSION  
 RECON DEAN - PROVIDE 182,512,00Z FIXES

ACTUAL MISSION AND REMARKS  
 AS PLANNED

1830Z	S	35045'N	73012'W	1005MB	050°/65KTS
2000Z	S	35048'N	73019'W	1003MB	350°/75KTS
2303Z	S	36000'N	73040'W	1007MB	050°/60KTS

DATA COLLECTED AND REMARKS  
 1 STD FLT LVL TAPES & F CLO FILM

RFC/SIG FLIGHT PERFORMANCE LOG

FLIGHT TECH: ASG/BALL/COVERT

FLIGHT I.D.: 830929I

AIRCRAFT: N43RF

MISSION: T.S. DEAN RECCO

TIME: (Pre-Flt) 1400Z

(Take-Off) 1500Z

(Land) 0158

SYSTEM			PRE-FLIGHT	INFLIGHT	POST-FLIGHT			
	ALIGN PI	AID			LAT	LON	GS	
NAV	INE1	S	Y	✓	(4)	-1.9	+4.4	4
	INE2	S	Y	✓		+2.0	+4.4	4
	ONE			✓				
	DOPLR			✓				
RADAR	INTEGRATION (PRI'S)							
	NOSE			✓				
	L/F			NU				
	TAIL			NU				
	DATA SYSTEM						#TAPES:	
RAMS DATA SYSTEM							(3)	
TEMP	CAL HI	CAL LO	AMBIENT		CAL HI	CAL LO		
TEMP #1	30.8	-30.2	28.2 ✓		30.6	-30.0		
TEMP #2	31.0	-30.4	28.6 ✓		31.0	-30.1		
DEW POINT (CLEANED:Y/N) N			20.6 ✓					
ATTACK ANGLE			✓					
SLIP ANGLE			✓					
ABSOLUTE PRESSURE			✓					
DIFFERENTIAL PRESSURE			✓					
RDR ALTM. S/N: SN:1			✓					
J&W			✓					
PMS	OAP 2D-C	-02	NI					
	OAP 2D-P	-3	NI					
	FSSP-100	-8	NI					
	DATA SYSTEM		NI				#TAPES:	
FOIL IMPACTOR			NI				#INCHES:	
ICE RATE DETECTOR			NI					
CO2 RADIOMETER			NI					
MICROWAVE RADIOMETER			NI					
SURFACE RADIOMETER			✓					
SEEDER			NI					
GUST PROBE			NI					
ASDL			✓				#MESSAGES:	
clean tape head			✓					
nose mount wing reducers			✓					
Doppler Radar			NU					
PHOTO		RATE	(COUNTS)				(COUNTS)	
	FORWARD		NU up aft		Camera bay leakage		1.7m	
	VERTICAL		NI					
	RIGHT SIDE		NI					
LEFT SIDE		NI						
AXBT SYSTEM			NI					
ODW SYSTEM			NI					
AXBT EXPENDABLES: #ON BOARD:			0	#DROPPED:		#GOOD:		
DROPSONDES: #ON BOARD:			0	#DROPPED:		#GOOD:		
CUMMULATIVE ACCEL. (MELC)			#1 (2G)	#2 (2.5G)	#3 (3G)	#4 (3.5G)		
(LOG AT END OF FLIGHT)			8062	6679	5966	2892		

CODE: ✓ - OPERATIONAL; X(#) (TIME) - FAILURE (NOTE);  
NI - NOT INSTALLED; NU - NOT USED

USE REVERSE SIDE FOR NOTES.

REPORT COMPLETION OF PRE-FLIGHT AND INSTRUMENT STATUS TO FLIGHT DIRECTOR

① 1821E	HLT 2	(NCPWR)	RELOADED	OK
2009	SOFTWARE	CLOCK STOP	"	"
2222	HLT		"	"
0058	"		"	"

② WHEN SOFTWARE CLOCK GOES TO 2400 THE TIME SENT TO ASOL HAS MINUTES ZEROED OUT AS WELL AS HRS.

③ POWER KNOCKED OFF LINE DURING ENGINE SHUTDOWN NO EOP MARK ON RAMS SLOW TAPE

④ INE#1 Disconnected after  $\approx 8$  hrs  $\phi$  into flight

*Not used for HRD*

*N/A*

<b>RFF-10 WORK FORM</b> (8-72)		<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>RESEARCH FLIGHT FACILITY</b> <b>MIAMI, FLORIDA</b>		<b>AIRCRAFT</b> N43RF	
				<b>FLIGHT NO.</b> 47-83	
				<b>FLIGHT ID</b> 836407I	
				<b>DATE</b> SEP 29, 83	
<b>FLIGHT LOG</b>					
<b>TAKE OFF (City or airport)</b> MIA		<b>LAND (City or airport)</b> MIA		<b>ALTITUDE</b> 1500'	
<b>PURPOSE</b> NHC-RECON T.S. DEAN					
<b>PROPOSED TAKEOFF TIME:</b> 1500Z			<b>PROPOSED FLIGHT DURATION:</b> 10 HRS		
<b>TIME IN:</b> 0805Z			<b>TIME ON:</b> 0158Z		
<b>TIME OUT:</b> 1450Z			<b>TIME OFF:</b> 1503Z		
<b>BLK. TIME:</b> 11:15 HRS			<b>FLIGHT TIME:</b> 10:55 HRS		
<b>FLIGHT PERSONNEL</b>					
<b>OPERATIONS CREW</b>		<b>WEATHER CREW</b>		<b>VISITORS</b>	
TICKNOR	CALVERT	DAVIS			TOM CHAY
MANDELKERN		DEVIVO			
SCHISSEL		GOLDSTEIN			
RICCI		BALL			
<b>PROPOSED MISSION</b>					
<b>ACTUAL MISSION AND REMARKS</b>					
<b>DATA COLLECTED AND REMARKS</b>					



A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
TICKNER	SCHISSEL	43RF	230929I	151018	Miami	29 Sep 1983	DEAN

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
144937	25-48.2 80-17.6	9	25-48.1 80-17.4		25-48.3 80-17.7		Booy
151018	25-48.2 80-17.6	T	25-47.8 80-16.1	+4 +8	25-48.6 80-17.2	-4 +3	Disoriented BA T.O.
155420		10	26-25.7 76-46.3		26-25.5 76-45.1		221/35W 180 EL Bow 35
163208		10	29-27.6 75-06.2		29-27.4 75-06.6		Jessie 110/40
171218		10	32-41.5 73-16.4		32-41.4 73-16.2		Rescued 183/43
180348		10	35-37.3 72-24.3		35-37.3 72-25.2		
191734		10	37-59.2 73-18.5		37-59.1 73-16.3		NORTH BT.
195029		10	35-56.0W 75-23.7W		35-55.7W 75-26.5W		
202033		10	35-48.7 73-31.0		35-48.0 73-31.0		0 W/V
215133		10	38-11.7 71-12.5		38-11.6 71-17.9		
222342		10	38-18.0 73-38.0		38-19.2 72-40.4		
230649		10	35-55.5 73-38.1		35-52.1 73-38.8		@ 2230 All Rescued

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
INS 1											
INS 2 or IMU											

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

Smart Robbie

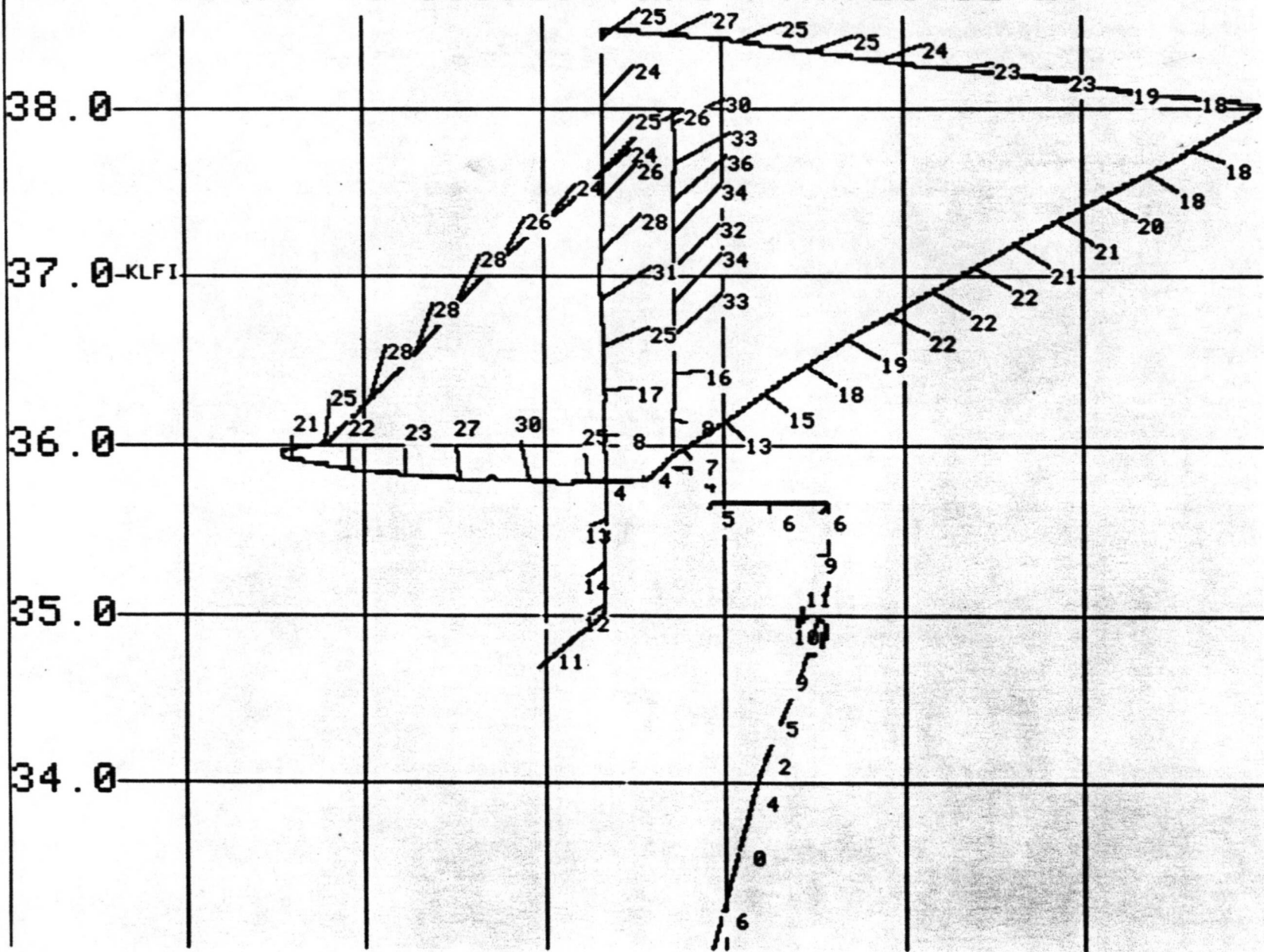
BSY



KADW

76 0 75 0 74 1  
16:11:1 830929

RFC FTRK 23:32:29.0





15: 3:33 830929 RFC FTRK 1:43:52.0.8.0

