

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	AIRCRAFT	N432F
		FLIGHT NO.	47-83
		FLIGHT ID	830909I
		DATE	SEP. 29, 83

FLIGHT LOG

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		DEVITO		
SCHISSEL		GOLDSTEIN		
RICCI		BALL		

PROPOSED MISSION
 RECON DEAN - PROVIDE 182,012,00Z FIXES

ACTUAL MISSION AND REMARKS
 AS PLANNED

1800Z	S	35045'N	73012'W	1005MB	050°/65KTS
2000Z	S	35048'N	73019'W	1003MB	350°/75KTS
2300Z	S	36000'N	73040'W	1007MB	050°/60KTS

DATA COLLECTED AND REMARKS
 1 STD FLT LVL TAPE; F CLO FILM

TYPED OR RADIO (3) CELESTIAL (4) VISUAL (5) LORAN
 (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL
 (10) OMEGA - INERTIAL

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
TICKNOR	SCHISSEL	43RF	830929I	151018	Miami	29 Sep 1983	DEAD

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		TCoy
151218	25-48.2 80-17.6	9	25-47.8 80-16.8	+4 +8	25-48.4 80-17.3	+4 +3	Descended BA TO.
155420		10	26-25.7 76-46.3		26-25.5 76-45.8		221/35 W 110 180 EL Bow 35
163208		10	29-27.6 75-06.8		29-27.8 75-06.6		Jessie 110/40
171218		10	32-41.5 73-16.4		32-41.4 73-16.2		Descended 183/43
180248		10	35-37.9 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	35-56.0 75-23.7W		35-55.7 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 71-17.5		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 AI Decoupled

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:

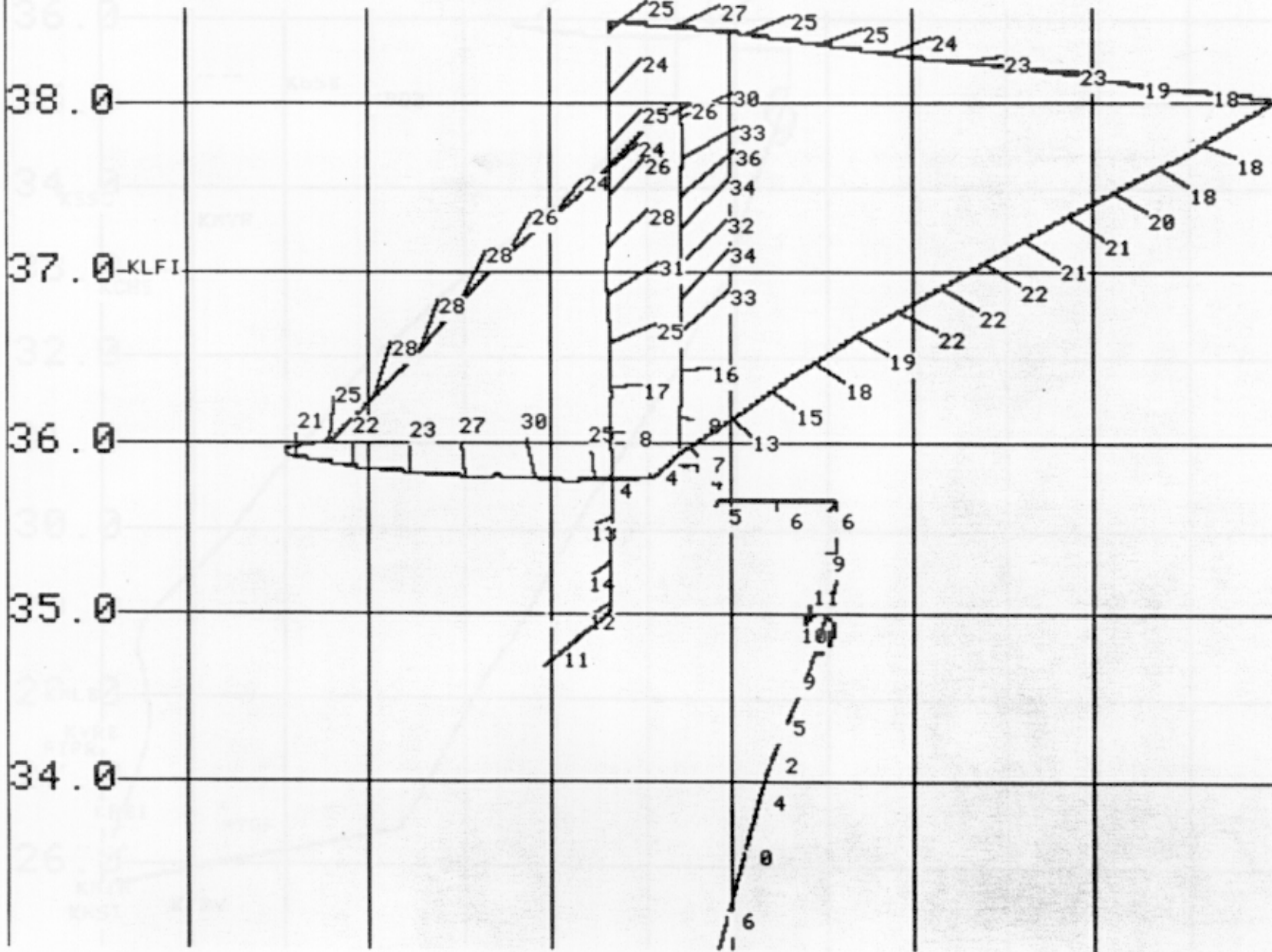
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN
 (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL
 (10) OMEGA - INERTIAL

Smart Horbie
BSY

KADW

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

RFC FTRK 23:32:29.0



RFC/SIG FLIGHT PERFORMANCE LOG

FLIGHT TECH: ASG/BALL/COVERT

FLIGHT I.D.: 830929I

AIRCRAFT: N43RF

MISSION: J.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			✓				
RAD	INTEGRATION (PRI'S)			X			X	
	NOSE			✓				
	L/F			NU				
	TAIL			NU				
RAD	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			✓				
	Diplex Radar			NU				
PHOTO		RATE	(COUNTS)	X		(COUNTS)		
	FORWARD		NI up 2 nd	Camera bay leakage		Film		
	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

