RFC-1 WORK FORM
(7-76)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RESEARCH FACILITIES CENTER
MIAMI, FLORIDA

FLIGHT LOG

AIRCRAFT	N43RF
FLIGHT NO.	59-82
FLIGHT ID	820914I
DATE	9/14/82

TAKE OFF (City or airport)	LAND (City or airport)	ALTITUDE
MIA	MIA	VAR.

PURPOSE: NHRL Research T.S DEBBY

PROPOSED TAKEOFF TIME:	17Z	PROPOSED FLIGHT DURATION:	9 HRS
TIME IN:	0305	TIME ON:	0255
TIME OUT:	1705	TIME OFF:	1728
BLK. TIME:	10.0	FLIGHT TIME:	9+27

FLIGHT PERSONNEL

OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE	CALVERT	HAYDU	STONE	JORGENSON	KARP
GENZLINGER		PARADIS		MARKS	JACOBSEN
SCHISSEL		GOLDSTEIN		P. BLACK	PIETROWSKI
RICCI		SCHRICKER		J. PARRISH	

PROPOSED MISSION

see enclosed plans 400W

0300Z TAPE WASN'T SEEN BY THIS TIME (RE-NAVE?)

0030Z LW NG AFTER " AU(2) NG AFTER 0300Z

1900-1925 P@ NG ? INE2; AU(3) NG AFTER ABOVE

ACTUAL MISSION AND REMARKS

mission completed as plan with exception of last ODW. Due to clearance problem we had to remain at 9,000' on the return trip to MIA

lost INE 2

DATA COLLECTED AND REMARKS

1 SLOW — INE#2 2 P/O — 9 PSM

13 DOPPLER — 3 ODWS

12 OMEGA — 3 GOOD 0 BAD

#1 DISCONNECTED @ 2000

[COMMA]NDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
MUNOZ	Schissel	43RF	820914I	172800	Miami	14 Sep 82	Debby

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
170447	25-48.2 80-17.6	4	25-48.4 80-17.6		25-48.3 80-17.6		BUOY
172800	25-48 80-17	4	25-47.5 80-17.9		25-47.5 80-17.9		T.O.
174242	25-42.5 79-17.7	2	25-42.6 79-17.6	-.1 +.1	25-42.3 79-17.6	+.2 +.1	ZBJ
143600		10	23-24.8 75-49.8		23-24.9 75-49.8		
184639	23-10.0 74-57.0	4	23-10.8 74-55.4		23-11.0 74-55.6		
195500		10	24-58.9 71-11.1		25-03.6 71-10.7		9 Debbie
204055		10	25-02.7 71-08.0		25-10.9 71-06.5		9 Debbie
211847		10	24-39.6 70-18.0		24-49.0 70-12.2		
221135		10	23-34.2 70-51.8		23-42.4 70-51.0		
230621		10	25-24.1 70-57.7		25-31.3 70-57.4		9 Debbie
234700		10	25-29.5 70-55.5		25-37.3 70-53.3		9 Debbie
003800		10	25-33.1 70-45.5		25-41.9 70-43.7		9 Debbie

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	G S
INS 1									+8.7	+2.3	4
INS 2 or IMU									-1.6	+4.6	4

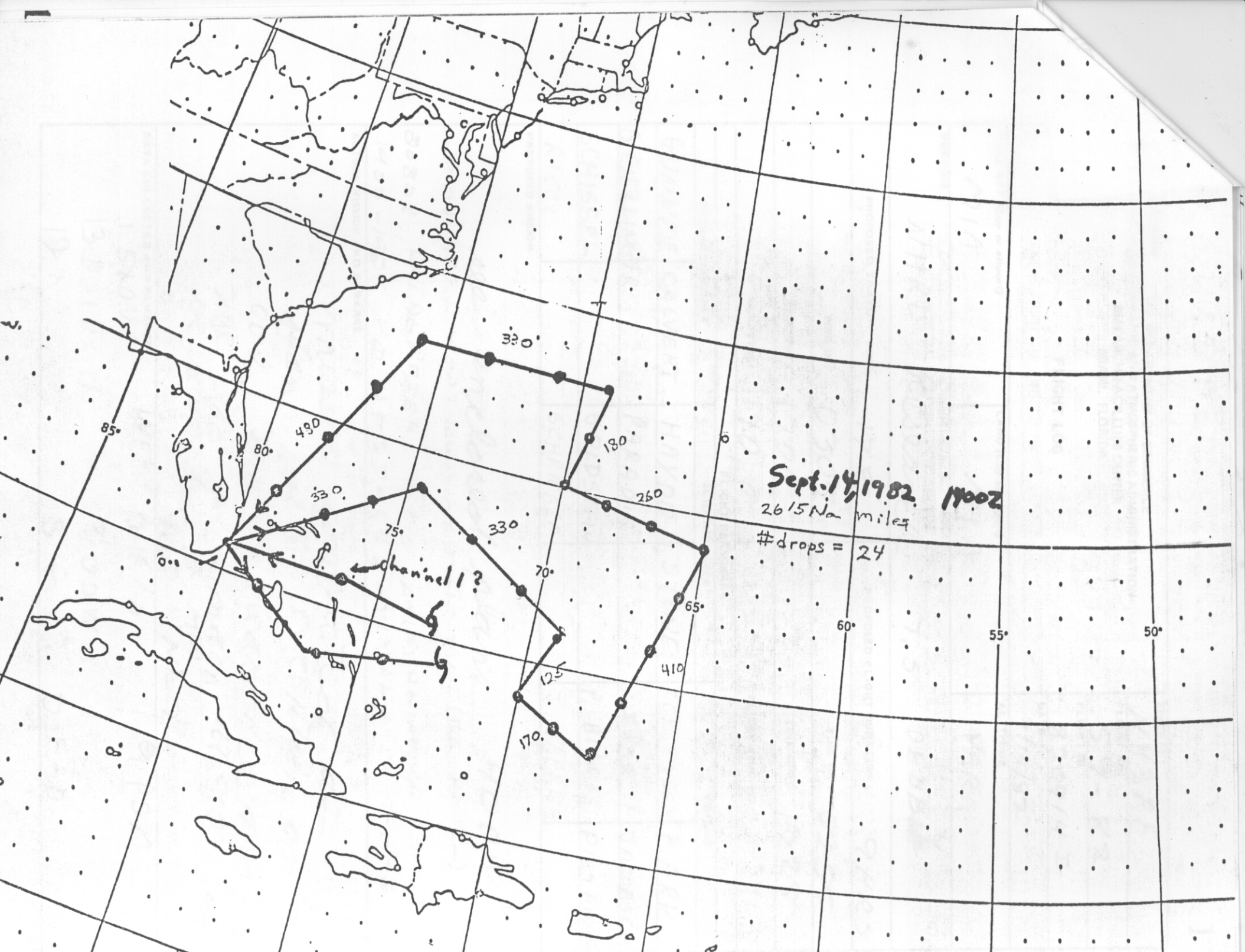
ALIGN REMARKS:

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

10000

POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
25-48.2 80-17.6	H	25 - 39.5 80 - 15.3	+8.7 +2.3	25 - 49.8 80 - 13.0	-1.6 +4.6	0400 0900 75°W
						DIR BM DIR
						R. B MIA
						090 75°W


320
490
180
330
260
330
75°
70°
65°
60°
55°
50°
85°
80°
410
125
170
channel?
Sept. 14, 1982 1100Z
2615 Na miles
#drops = 24