

19810729I-FDIR

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RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N43RF	
				FLIGHT NO. 30-81	
				FLIGHT ID 810729I	
				DATE JUL 29 1981	
TAKE OFF (City or airport) MIA / FMY		LAND (City or airport) FMY / MIA		ALTITUDE 150 2000 500 4000 1000 6500	
PURPOSE SEA - BREEZE					
PROPOSED TAKEOFF TIME: 11Z			PROPOSED FLIGHT DURATION: 11 HRS		
TIME IN: 1715 2125			TIME ON: 1716 2121		
TIME OUT: 1000 1825			TIME OFF: 1012 1832		
BLK. TIME: 7:15 3			FLIGHT TIME: 7:14		
FLIGHT PERSONNEL 10, 3 hrs					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
WERLEY	NELSON	HAYDU	JARVI	LORD	BURPEE
NOBLE		DEVIVO		J. GRIFFIN	V. WIGGERT
RICCI		DUGRANUT		J. PARRISH	B. BLACK
CICIRELLI		GOLDSTEIN		K. BELLE	
PROPOSED MISSION see plans enclosed					
ACTUAL MISSION AND REMARKS skipped runs 9210					
DATA COLLECTED AND REMARKS 1 slow tape 4 fast tapes 6 radar O PMS					

1

U. S. GOVERNMENT PRINTING OFFICE: 1977-765-005/107

3 T 2 to 40-10

PC 2 DBP

con. (3)

looking good

start inland run

(4) E → W run

DOWN 135100 - 140156
135420 - 135945

(4) start E → W run 141750 - 143240
120 3.4 1015 SP

150'	143955 - 144155	SST
500'	144452 - 144652	29.4
1000'	145045 - 145245	29.3
1600'	145641 - 145841	29.0

start inland run 150145 - 151215

start sounding

151350 - 151735

(5) start E → W run 152520 152555 - 154025
wind 150 14 1015
WE 120 EXC

brown trout
(30.800)
29.6 SST
1000'

150'	154745 - 154945	SST
500'	155345 - 155545	29.7
1000'	155923 - 160123	29.6
2000'	160545 - 160745	29.3

slight turn before end of run

start inland run 161041 - 162125
INE 1 jumped on last turn.

(6) start E → W run 162450 - 163905

DOWN 163545 - 163701

DOWN 164051 - 164500

earlier

150'	164708 - 164908	SST
500'	165310 - 165510	29.7
1000'	165817 - 170017	29.6
2000'	170710 - 170910	29.3

DOWN 170354 - 170500

DOWN 171118 - 171340

15

refuel

⑧

185011 190906
 start E → W run 185125 - 190613
 190006 - 190046
 DOWN estimated times ✓ print out
 [6] INE #1 better here

DOWN 190906 - 191135

[5]

SST

29.8

150' 191338 - 191538
 500' 191957 - 192157
 1000' 192542 - 192742
 2000' 193133 - 193333

start inland run 193653 - 194717

NO 9 0710

using

INE #1

194224 - INE #2

⑪

start E → W run 195045 - 190513 FAST TAP E

DOWN 195110 - 195515

MOONTE

195650

[8]

S 200610 - 200740
 N 200910 - 201040
 E 201130 - 201300
 W 201435 - 201605

150' 202153 - 202353
 500' 202753 - 202953
 1000' 203323 - 203523
 2000' 204225 - 204425

SST

29.4

DOWN 203813 - 203915

[9]

start inland run 204837 - 205915
 2000 - 1500
 start sounding 210025 - 210230

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Worley		Nelson		ALPHA 43.		810739		1012.		N 25 48.3 W		29 July 81		Geo Breeze	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
0959	N 25 48.3 W 080 17.6	4	N 25 48.3 W 080 17.5			N 25 48.2 W 080 17.6			BIR.						
1012	N 25 48.0 W 080 16.0	4	N 25 48.2 W 080 16.2			N 25 48.1 W 080 16.1			76. R27R						
1049	N 25 15.4 W 081 50.9	2	N 26 15.1 W 081 54.2		—	N 26 16.1 W 081 54.2		—	114.8/180 AZ Sketchy.						
1123.4	N 26 22.0 W 081 51.0	3/4	N 26 20.8 W 081 52.5			N 26 22.5 W 081 53.7			13.2 / 180°						
1304.3		2/4	N 26 13.1 W 081 49.8			N 26 14.4 W 081 50.6			21.0 / 171° FMY. ? Coast Line						
1327.19		2/4 1/10	N 26 20.0 W 081 52.8			N 26 21.6 W 081 54.0			13.2 / 173° FMY. ? Beach.						
1427		2/4 1/10	N W			N W			20.0 / 177° FMY ? BEACH.						
1535		2/7 4/10	N 26 14.9 W 081 49.9			N 26 15.0 W 081 50.4			20.5 / 171 FMY ? BEACH						
1544		7/10	N 26 17.1 W 082 05.0			N 26 17.2 W 082 05.0			Browns Reef. QF #2 016.						
1634		2/7 4/10	N 26 14.6 W 081 49.8			N 26 14.8 W 081 50.3			21.0 / 171 FMY ? BEACH. QF #2						
1716		4	N 26 35.1 W 081 52.2			N 26 35.4 W 081 52.8			Ldg FMY Runy 23.						
1718		4	N 26 34.7 W 081 52.6			N 26 34.9 W 081 53.1			BIR @ FBO AGS10 1nm N of FSS AGS20						
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	0854	Y	?			5	0930	2124	11.9	See 2124					
INS 2 or IMU	0854	Y	?			1	0930	2124	11.9						
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															

[illegible]