

19790902FLFDIR

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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 N6541 C	
		FLIGHT NO. 75-79	
		FLIGHT ID 790902 F	
		DATE SEPT. 2, 1979	
TAKE OFF (City or airport) MIAMI		LAND (City or airport) MIAMI	
PURPOSE HURR. "DAVID"		ALTITUDE	
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 0935		TIME ON: 0929	
TIME OUT: 0140 Z		TIME OFF: 0144	
BLK. TIME: 7:55		FLIGHT TIME: 7:45	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	NETTENVILLE	MICHIE	
PENRY		BRANCH	
NELSON		SCHRICKE	
FLEURY		CALVERT	
		WILLOUGHBY	RISLEY
		CARPENTER	REAZER
		LA HIFF	CARDENLY
		MALONEY	ISRAEL
PROPOSED MISSION 03, 06, 09Z FIXES AT 850MB 5000'			
ACTUAL MISSION AND REMARKS PENETRATIONS 8 0320Z 2129N 7520W MAX 75KTS 0402 2133 7520 MIN SLP 993 0449 2138 7518 0542 2157 7528 0628 2204 7535 0709 2216 7544 0753 2215 7550 0815 2228 7549 8 penetrations			
DATA COLLECTED AND REMARKS 2 DATA TAPES			

KMIA. → ♂ DAVE → KMIA.

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
GUNNOE		NELSON		41C		7909 02		0144		KMIA N 25 48.3 W 080 17.6		02 Sept 79		♂ DAVID	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
0137	N 25 48.3 W 080 17.6	4	N 25 48.3 W 080 17.6		0	N 25 48.4 W 080 17.7		-1 -1	B/K.						
0144	N 25 48.0 W 080 17.6	4	N 25 48.1 W 080 18.0		-1 -4	N 25 48.2 W 080 18.0		-1.2 -4	T/O.						
0215	N 24 23.0 W 079 27.0	2	N 24 32.3 W 079 17.6			N 24 22.8 W 079 17.9			Bsy 91/329						
0325		9	N 21 30.0 W 075 18.0			N 21 29.4 W 075 17.8			♂ DAVE #1						
0402		9	N 21 34.3 W 075 18.3			N 21 33.1 W 075 19.8			♂ DAVE #2						
0449		9	N 21 38.8 W 075 15.8			N 21 38.4 W 075 18.0			♂ DAVE #3						
0542		9	N 21 58.5 W 075 26.0			N 21 56.7 W 075 27.8			♂ DAVE #4						
0628		9	N 22 02.9 W 075 32.3			N 22 03.7 W 075 34.9			♂ DAVE #5 A LITTLE SE						
0709		9	N 22 16.8 W 075 42.4			N 22 15.7 W 075 43.8			♂ DAVE #6						
0853		9	N 22 12.6 W 075 48.0			N 22 15.2 W 075 50.7			♂ DAVE #7 SOUTH OF CO						
0815		9	N 22 27.1 W 075 46.5			N 22 27.8 W 075 48.2			♂ DAVE #8						
0929	N 25 48.0 W 080 17.6	4	N 25 47.4 W 080 15.6			N 25 47.9 W 080 18.0			2dg KMIA						
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 ERRORS					
				ELAPSE ALIGN POST TIME						LAT	LONG	GS			
INS 1	0032	-	Y	0102		✓	0130	0935	8.1	43.4	12.2	7.0			
INS 2 or IMU	0032	-		0102		3	0130	0935	8.1	4.2	0	1.0			
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]

0315

790902

TIME	LA	LO	RA	WD	WS	TA	Td	PH
0230	2339	7825	20105	049	27	-5.8	-26.8	5878
0300	2327	7622	20020	043	19	-4.8	-6.5	5846
0400	2131	7504	10013	081	41	9.9	9.9	3063
0430	2138	7633	10160	023	18	10.4	9.5	3111
0500	2138	7427	10180	186	51	9.7	9.7	3098
0530	2142	7441	10100	190	49	10.2	10.2	3091
0600	2156	7639	10161	004	25	10.3	10.2	3091
0630	2204	7516	10055	193	49	10.5	10.5	3042
0700	2208	7515	10033	180	54	10.6	10.6	3040
0730	2218	7209	10198	027	19	10.1	9.5	3097
0800	2219	7223	10047	198	41	10.0	10.0	3046
0830	2306	7615	10266	081	42	9.3	3.2	3070

29.45

68KTS

7518

7400

78mb

0326

790902

3032

3024

17.4

+ 16.4

6
0320Z 2129
7520

45KTS

53KTS E SIDE

6 0402 LA 2133.1
LO 7519.8

3027

15.
17.2

1004

990

6 0449 LA 2138.4
LO 7518.0

3029 +15

996

57KTS 193°
20 NM E OF 5

6 0542
LA 2156.7
LO 7527.8

3018

13.4

75KTS MAX

70 ML E OF STORM

6 0628
LA 2203.7
LO 7534.9

3019

3022 +13.4

6 0708
LA 2215.7
LO 7543.9

3014 15.9

DP 11.1 994

6 0753
LA 2215.2
LO 7550.7

3017

13.3

997

6 0815
LA 2227.8
LO 7548.7

3005 63KTS 182°
16.5 25 MI E 993