

19790903IL-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 N43 RF	
		FLIGHT NO. 7999	
		FLIGHT ID 790903I	
		DATE Sept 3, 1979	
TAKE OFF (City or airport) EGLIN		LAND (City or airport) KMIA	
		ALTITUDE 5000 ft	
PURPOSE Reco hurricane "David" 0000Z-0600Z (790904Z)			
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 0644		TIME ON: 0641	
TIME OUT: 2225		TIME OFF: 2248	
BLK. TIME: 1009		FLIGHT TIME: 953	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
Ticknor		Rosby	Fennel
Morison		Dorby	Jorgensen
Picci		D. Grunert	Powell
Schissel	Hebert (Airtel)	Brinson	Stewart
			Florio
PROPOSED MISSION 0000, 0300, 0600 Hurricane position fixes			
ACTUAL MISSION AND REMARKS 7 radar fixes. Storm held on shore. Could not penetrate.			
DATA COLLECTED AND REMARKS			

790903I DAVID

[illegible]

27-50 80-13

[illegible]

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Tucker	Schissel	43	7909034	224753	Eglin	3 Sep 79	David

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
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224753	30-29 86-32	1	30-29.0 86-33.1	0 -1.7	30-29.1 86-33.1	-1 -1.4	
2331	29-35.9 83-02.9	2	29-32.8 83-00.1		29-34.2 83-00.4		
0027		9	27-24.5 79-58.3		27-25.0 79-57.1		
003938		9	26-37.2 79-42.7		26-37.6 79-41.3		
0145		9	28-45.5 80-13.1				205/ 28-11N 140 80-32W
022222		9	27-02.6 79-18.8		27-02.6 79-18.6		
025455		9	29-38.8 80-42.2		29-38.1 80-42.4		
0315		9			29-00.6 80-19.3		210/30 Runy @ Capri
035127		9	27-02.8 79-18.9		27-03.1 79-19.0		
041055		9	28-21.4 80-00.9				245/ 28-34N 140 80-45
043240		9	30-02.3 80-49.7		30-02.6 80-49.4		
044443		9	29-12.2 80-25.1		29-12.1 80-25.3		212/35 28-40 80-48.

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											
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

790403

David

Time	Lat	Long	WS	WD	RA	PA	TA	TD	HT	SST	SP	TRK		
2300	30.4	85.6	6.0	75	3559	3432	8.1	-9.6	1477	24.5				
2315	30.0	84.4	11.1	33	3560	3427	8.0	3.2	3117	24.1	004			
2330	29.3	82.8	19.7	52.1	3530	3444	8.6	5.2	3059	21.7	996			
2345	29.3	81.8	22.9	66.2	3493	3450	7.7	5.5	3037	19.7	995			
2350	29.3	81.4	27.2	73	3502	3444	7.4	7.4	3037	15.4	994			
2355	24.8	81.0	21.8	88.7	3484	3465	8.9	9.5	3004	10.7	989			
0001	28.9	80.2	23.2	97.3	3473	3453	9.1	9.8	3000	12.5	988	151		
0005	28.7	80.7	20.9	92.7	3454	3454	9.4	7.7	2981	12.0	985	153		
0018	28.2	80.4	31.4	122	3363	3454	10	8.7	2885	13	973	151		SOUTH BOUND
Estimated EYE RADAR 28° 0' N 80° 28' W														
0025	27.6	80.1	33	218	3489	3510	10	10	2962	12.2	982	153		
0031	27.2	80.0	33	232	3545	3507	7	7	3019	12	992	163		
0035	26.9	79.8	27	233	3564	3504	8	6	3039	21	994	165		
0045	26.8	79.7	21	227	3572	3504	7	6	3046	22	995	322		NORTH
0050	27.1	79.9	27	232	3546	3503	8	7	3019	13	991	342		
0055	27.5	80.1	28	229	3498	3503	9	10	2967	10	984	326		
01	28.0													
28.2 80.3 RADAR EYE 70 Kts wind 106° 25km → Ctr														
0112	28.8	80.6	26.7	104	3505	3498	10	8	2984	12	986	351		
0115	29.0	80.6	33	110	3528	3592	9	9	3005	10	989	350		
0120	29.4	80.7	26	111	Descending						993	352		
0132	29.3	80.6	21	106	1552	1505	18	19	1373	17	994	154		
0135	29.2	80.5	20	125	1506	1591	18	18	1370	20	993	154		
0140	29.0	80.4	32	121	1523	1621	17	17	1352	22	992	151		
0150	28.5	80.0	32	150	1520	1648	19	18	1318	16	987	145		
RADAR EYE														
0200	27.6	79.5	34	190	1541	1583	17	17	1401	19	997	178		
0220	27.2	79.4	35	200	1527	1552	18	15	1429	19	001	153		
0228	27.3	79.4	33	195	1516	1550	19	13	1417	19	999	320		NORTH 5KFT
0235	27.7	79.7	38	185	1520	1588	17	16	1377	17	995	338		
0246														
RADAR EYE 28° 28' N 80° 34' W														
26														
0355	27.1	79.4	25	207	3039	2970	11	6	3020	19	000	341		
0400	27.6	79.6	33	205	3041	3010	10	10	3045	10	995	333		NORTH 10 KFT
0410	28.3	80.0	27	195	3109	3132	11	23	2975	11	984	335		
0415	28.7	80.2	35	169	3019	3075	12	12	2950	14	982	331		
0425	29.6	80.6	28	113	3048	3042	11	10	3016	12	991	342		
0430	29.9	80.8	28	90	3045	3002	10	10	3041	12	994	341		
0435	30.1	80.8												
0440	29.7	80.7	21	112	3034	3041	11	11	3022	12	991	152		SOUTH
0445	29.5	80.5	23	123	3048	3060	13	9	2992	14	986	158		
0450	28° 45'	80° 47'												
0510	28.0	79.8	31	215	3056	3044	10	10	3023	13	993	167		
0515	27.8	79.8	30	209	3045	3012	10	10	3045	12	996	150		
0544														
RADAR EYE 28° 55' N 80° 52' W														