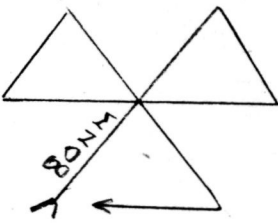


19790904H1-FDIR

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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 N42RF	
				FLIGHT NO. 121-79	
				FLIGHT ID 790904H	
				DATE SEP. 4, 79	
TAKE OFF (City or airport) MIA			LAND (City or airport) MIA		ALTITUDE 1500'
PURPOSE NHEML - RESEARCH - HURRICANE DAVID					
PROPOSED TAKEOFF TIME: 1630Z		PROPOSED FLIGHT DURATION: 9 HRS			
TIME IN: 0135Z		TIME ON: 0129Z			
TIME OUT: 1655Z		TIME OFF: 1705Z			
BLK. TIME: 2:40 HRS		FLIGHT TIME:			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
WERLEY		DAVIS		WEBER	BLACK
GENZLINGER		LAMBERT		SHELLEY	MARTIN
ADAMS		GOLDSTEIN			WIRFEL
ROSE		MCRAE			WHITE LAW
PROPOSED MISSION					
					
ACTUAL MISSION AND REMARKS UNABLE TO EXECUTE PATTERN AS PLANNED - CENTER NEAR OR ONSHORE. 1ST PENET. AT 10K THEN DESCENDED TO 1500' 16 RECCOS WITH 3 FIXES, MAX WIND 120°/20KTS SAS = +2.86; AAI = +1.89; RA INTMT MALE					
DATA COLLECTED AND REMARKS 1 STD FLT LVL DATA TAPE; RADAR TAPE; CLO PHY TAPE					

* U.S. GOVERNMENT PRINTING OFFICE: 1965

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790904H DAVID

TIME	TK	LA	LO	RA	PA	TA	TD	WD	WE	SP	HT
1655	OUT	m1A									
1705	OFF	m1A									
1746	346	28 47	81 31	6137	5856	-6	-7	290	06		5830
		C	DIA	15 NM	CLOSING						
1810	004	30 64	81 09	3547	3261	11	10	245	16	925	2976
1815	005	31 02	81 05	3310	3034	10	9	245	20	921	2942
1820	358	31 39	81 03	3120	3237	10	10	245	27		2856
1821		31 49	81 09					300	0	925	2976
1822		31 53	81 14	3077	3242	14	11	110	16	965	2827
		5 31°	81°N	21° 09'W							
1826		31 54	80 89					180	40		2818
1841		31 51	79 64	3142	3232	10	8	180	36	992	3024
1849		32 09	79 96	5787	712	22	21	150	30	993	
1854		32 39	80 09	6487	714	22	22	143	35	001	
1902		32 66	79 63	6626	695	22	22	130	35	006	
1910		32 98	79 24	6596	657	22	21	130	34	009	
1919		33 49	78 90	641	24	21	21	127	28		
1934		33 00	79 35	572	641	22	21	130	30	002	
1941		33 71	79 76	566	672	21	21	125	32	996	
1945		32 57	79 96					140	25		
1950		32 37	80 28	579	729	22	22	150	29	990	
1955		32 22	80 54	573	750	22	21	150	29	982	
2002		31 52	80 25	150	952	22	22	155	29	999	
2004		31 83	80 90	581	844	22	22	180	25	976	12-10
2012		31 53	81 11	623	849	24	22	275	26	980	
		max	50	70	875			31.72	521.01		
				240/78				150°	15 NM		
2022		30 22	81 37	622	781	20	19	270	25	991	
2030		30 48	81 33	610	737	21	20	265	25	995	
			DIA	C 120							
2050		31 35	81 20	568	764	21	20	275	18	985	
2059		31 89	80 93					180	35	978	
2112 30-		2120 20	183/33			090	75			211900-2000	
2123 00-		2126 00	185/22			276	11			212400-2500	
2137 20-		2129 30	170/32			360	11			212800-2900	
2135 30-		2138 00	175/30			180	11			213700-2800	
2141		31 85	79 82	640	740	22	22	175	31	953	
			DIA	C 2							
2153		31 96	80 72		808	22	22	180	20		
		31 98	80 79		22 NM						
21532		32 00'N	81° 15'W								
2203		32 32	80 34					150	35		
2204		32 14	79 23	628	692	23	21	145	25		
2244		32 47	80 34	344	530	22	22	155	24	987	
2251		32 18	80 63	373	580	22	22	170	25		28 NM
2253		32 09	80 70					180	26	504	25 NM
2256		31 96	80 77	568	774	21	21	300	30	984	

790904H DAVID

1704-0108

	LA	LO	Δ TIME	LA	LO
151500	30.83	080.93	11 320	31.52	081.15
182200	31.52	081.15	344/7.1		
			09 480	31.92	081.25
210000	31.92	081.25	348/4.8		
			03 600	32.00	081.25
220000	32.00	081.25	360/2.5		
			06 360	32.17	081.17
234600	32.17	081.17	001/3.2		
			08 040	32.38	080.98
260000	32.38	080.98	019/3.1		

[illegible]

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A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
WERLEY		ADAMS		42RF		790904		#170721		KMIA N25-48.3 W080-17.6		4 Sept '79		"9" DAVID	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS							
165524	N25-48.3 W080-17.6	4 /	N25-48.1 W080-17.7		+2 -.1	N25-48.1 W080-17.6	+2 0	Black out							
170721	N25-48.1 W080-17.0	4 /	N25-47.8 W080-17.1		+1.3 -.1	N25-47.9 W080-17.0	+2 0	Toft							
18 2208			31-29.8 81-06.7			31-29.8 81-07.1		9 ①							
184115			31-30.1 79-40.1			31-30.1 79-40.5		P43 C330 to P46							
185217			32-19.0 80-08.3			32-19.1 80-08.5									
201603			31-17.8 81-13.3			31-17.5 81-13.3		Brunswick Brunswick 21/24 217/18							
205848			31-55.4 80-56.2			31-54.7 80-56.0		9 to West ~ 15 mile							
211807			31-42.1 79-41.3			31-41.7 79-41.7		East End Bouy - Calibrate							
215337			31-59.6 80-46.7			31-58.6 80-46.6		9 to West ~ 21 n.m.							
2346			32-18.5 80-32.3			32-14.7 80-32.5		9 to West ~ 20 n.m. 2000							
000011			32-13.3 79-34.6			32-10.1 79-35.3		End Mission East End							
002408	30-52.1 80-18.3	2 /	30-54.2 80-15.9		-2.2 +2.4	30-51.9 80-17.0	+1 +1.3	204/102 OMN VITCN							
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS C-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS						
									LAT	LONG	G S				
INS 1	1545	/	/	—	5	1630	0134	9.1	-4.9	+2.9	3				
INS 2 or IMU	1545	/	/	—	5	1630	0134	9.1	-.5	+4.6	0				
ALIGN REMARKS: T:1739 NG+G WARN Light T1740 INS#1 Decouple Under BODG															
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															
31-50 81-10															