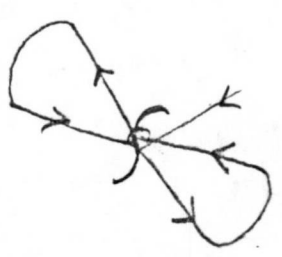


19800807HL FDIR

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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 LOG		FLIGHT NO. 48-80	
		FLIGHT ID 800807H	
		DATE AUG 7 1980	
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE 10K	
PURPOSE HURRICANE ALLEN			
PROPOSED TAKEOFF TIME: 1545Z		PROPOSED FLIGHT DURATION: 7 HOURS	
TIME IN: 0020Z		TIME ON: 0015Z	
TIME OUT: 1551Z		TIME OFF: 1602Z	
BLK. TIME: 8:29		FLIGHT TIME: 8:17	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	ROSE	DARBY	SIMS
WERLEY		BRUNSON	EMMANUEL
MANDELKERN		NUNN	
BERGNER		CONNOR	
PROPOSED MISSION FLIGHT PATTERN 'A'			
ACTUAL MISSION AND REMARKS 			
DATA COLLECTED AND REMARKS 3 EYE PENT			

1

800807H

TIME LAT LONG T TD W2 WS RA PA SP HT

1645	24.21	82.65	-2.1	-7.4	128	26	5118	4845	1012	3177
1705	23.43	84.31	-0.9	-0.3	125	30	5117	4888	1001	3112
1713	23.13	85.00	4.9	4.4	122	33				
1717	22.94	85.34	9.8	9.8	115	38	3094	3022	1000	3081
1805	21.71	86.26	24.2	7.9	094	40	2243	3013		
1810	21.50	86.48	11.6	11.6	212	109	2854	3014	972	2851
1822	20.86	85.73	11.2	8.4	221	46	3046	3011	995	3050
1848	20.70	84.71	10.5	8.3	203	56	3096	3004	1002	3100
1905	21.56	86.05	11.0	10.9	195	95	2950	3031	980	2910
1917	21.47	86.11	86	32.1 W	EYE	FEY				
1940	22.80	86.47	10.2	10.2	105	60	3082	3050	999	
1946	23.30	86.47	9.9	9.9	101	75	3113	3052	998	3074
2013	22.66	87.80	10.3	10.0	050	72	3094	3046	995	3046
2114	22.27	86.88	11.1	11.1	130	140	2986	3002	965	2792

A/C COMMANDER		NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME			
Gunnar		Bergner	42	46-80	1603:39	KM14 N 25-49.3 W 80-17.6	7 Aug	"Allen"			
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	INERTIAL POSITION	LAT LON COR'S	REMARKS				
1546 1551	N 25-49.3 W 80-17.6		N 25-48.4 W 80-17.6	-0.1 0	N 25-48.4 W 80-17.6	0.1 0	Eng Taxi				
1603							Tall				
1617	N 25-11.0 W 80-30.0		N 25-09.1 W 80-26.8	+1.9 +3.2	N 25-09.1 W 80-26.6	+1.9 +3.4	EYW 0610T/81				
1635	N 24-35.1 W 81-48.0		N 24-36.0 W 81-47.9	-0.9 +0.1	N 24-36.1 W 81-47.4	-1.0 +0.6	o/H EYW				
1716			N 22-59.4 W 85-19.0		N 22-59.2 W 85-17.5		10,000'				
1742			N 21-36.3 W 86-10.8		N 21-36.3 W 86-09.5		eye "Allen" CZM 036T/77				
1917	N 21-46.0 W 86-30.0		N 21-47.8 W 86-32.1	+1.8 -2.1	N 21-48.0 W 86-30.6	+2.0 -0.6	eye "Allen" CZM 016T/78				
2032	N 21-55.0 W 86-50.0		N 21-57.1 W 86-53.1	-2.1 -3.1	N 21-57.7 W 86-51.8	-2.7 -1.8	eye "Allen" CZM 005T/85				
2118			N 22-19.6 W 86-42.5		N 22-18.8 W 86-41.3		exiting "Allen"				
2142							Vessel Search				
2301			N 23-17.8 W 85-15.3		N 23-17.9 W 85-14.9		FL150 suspendr. search				
2316	N 23-35.0 W 84-05.0		N 23-33.3 W 84-05.5	+1.7 -0.5	N 23-33.3 W 84-05.4	+1.7 -0.4	EYW 245°T/141				
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.	Δ T (2)(1)	TERMINAL ERRORS		
INS 1	1510	32	Ω	—	5	1544	0021	8+17	0	41.5	1
INS 2 or IMU	1510	32	Ω	—	5	1544	0021	8+17	+0.6	+0.9	1
ALIGN REMARKS: Ω sta. B&E detected Dop Inop											
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											

2361

1544

917

[illegible]