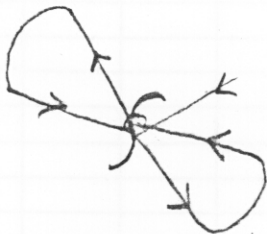


RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N42RF	
				FLIGHT NO. 48-80	
				FLIGHT ID 800807H	
				DATE AUG 7 1980	
TAKE OFF (City or airport) MJA		LAND (City or airport) MIA		ALTITUDE 10K	
PURPOSE 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	BOB BLACK	YOUNG
WERLEY		BRUNSON	EMMANUEL	PARRISH	FEELD
MANDELKERN		NUNN		THOMAS	
BERGNER		CONNOR		BENTON	
PROPOSED MISSION FLIGHT PATTERN 'A'					
ACTUAL MISSION AND REMARKS 					
DATA COLLECTED AND REMARKS 3 EYE PENT.					

800807H

DE	LAT	LONG	T	TD	WD	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	3117
1713	23.13	85.00	4.9	4.4	122	33				
1717	22.94	85.34	9.8	9.8	115	38	3094	3822	1000	3081
1805	21.71	86.26	24.2	7.9	094	40	2243	3013		
1810	21.50	86.58	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	86.86	32.1	W	548	FX				
1940	22.80	86.97	10.2	10.2	105	60	3082	3056	998	
1946	23.30	86.47	9.9	9.9	101	75	3113	3052	998	2974
2013	22.66	87.50	10.3	10.0	050	72	3094	3046	995	2942
2114	22.27	86.88	11.1	11.1	130	140	2986	3202	965	2772

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 ^{#1/2}	LAT LON COR'S	INS #2/2 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							Tail
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 061°T/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 036°T/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 016°T/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 005°T/85
2118			N 22-19.6 W 86-42.3		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		FL 150 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	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERROR		
				ELAPSE ALIGN POST TIME					LAT	LONG	G
INS 1	1510	32	Ω	-	5	1514	0021	8119	0	41.5	1
INS 2 or IMU	1510	32	Ω	-	5	1514	0021	8119	+0.6	+0.9	1

ALIGN REMARKS: Ω sta. B95 deselected 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
1344
917

