

19780918FLFDIR

RFC FLT LOG

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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 N 6541C	
		FLIGHT NO. 45-78	
		FLIGHT ID 780918F	
		DATE SEPT 18 1978	
TAKE OFF (City or airport) MIA		LAND (City or airport) MFA	
		ALTITUDE 20K	
PURPOSE RESEARCH HURRICANE GRETA			
PROPOSED TAKEOFF TIME: 1130Z		PROPOSED FLIGHT DURATION: 8 HR	
TIME IN: 2000 Z		TIME ON: 1955 Z	
TIME OUT: 1126 Z		TIME OFF: 1133 Z	
BLK. TIME: 8:34		FLIGHT TIME: 8:22	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
TICKNOR	NETTERVILLE	DARBY	BURPEE
PENRY		ROSSBY	WILLIS
SCHISSEL		SCHRICKE	DATZMAN
FLEURY		DAKUR	PARRIS
PROPOSED MISSION			
ACTUAL MISSION AND REMARKS			
DATA COLLECTED AND REMARKS 2 TAPE AWRS CLOUD PYS TAPE RADAR FILM RS, LS, N 7 EYE PEN.			

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
TICKNER		SCHLISSEL		412	7809 18F	113333	MTM	18 Sep 78	GRSTA
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION	LAT. LON. COR'N	<u>True</u> POSITION	LAT. LON. COR'N	REMARKS	
113333	25-18.2 80-17.6	H	1	25-48.0 80-17.6		25-48.0 80-17.5			
115902	24-42.7 81-05.0	2	1	24-42.8 81-04.8		2441.3 81-05.0			
122139	23-05.0 81-23.0	H	1	23-06.0 81-22.9	-1 +1.1	23-06.2 81-22.5	-1.2 +1.5		
123603	22-04.0 81-02.0	H	1	22-04.9 81-03.1	-1.9 -1.1	22-05.2 81-02.2	-1.2 -1.2		
134514	17-25.0 83-56.0	H	1	17-23.0 83-58.0	+2.0 -2.0	17-25.7 83-55.4	-1.7 +1.6	SWAN ISLAND	
141527		9	1	16-28.3 86-10.7		16-28.3 86-08.3		5 GRSTA	
144609		9	1	16-28.2 86-15.2		16-29.8 86-12.9		5 GRSTA	
151810		9	1	16-27.8 86-24.5		16-29.4 86-24.4		5 GRSTA	
154832		9	1	16-27.0 86-28.0		16-29.1 86-26.2		5 GRSTA	
161800		9	1	16-27.0 86-30.0		16-30.6 86-27.0		5 GRSTA	
165102		9	1	16-26.9 86-41.9		16-29.7 86-39.4		5 GRSTA	
171335		9	1	16-27.5 86-42.7		16-30.7 86-39.3		5 GRSTA	
175104	17-25.0 83-56.0	H	1	17-20.5 83-56.9	+4.5 -1.9	17-25.7 83-54.2	-1.5 +1.8	SWAN ISLAND	
193419	24-42.7 81-05.7	H	1	24-35.6 81-07.3	+7.1 -1.6	24-43.9 81-04.5	-1.2 +1.2	MTM	

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)

(OVER)

[illegible]

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(7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)

[illegible]

TOTAL REELS	
VTR	
DMTR <u>1</u>	
DMTR <u>2</u>	

[illegible][illegible]

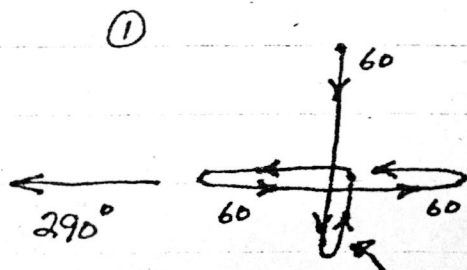
TIME	LAT	LONG	T	Td	wD	WS	RA	PA	DV	HT
120000	2439.1	8107.7	-10.7	-26.7	187	02	21143	19971	1256	5928
120500	2335.3	8116.8	-10.1	-32.9	109	07	21351	26041	1246	5920
123000	2226.9	8109.5	-9.9	-32.5	105	16	21272	26034	1174	5901
124500	2131.3	8120.6	-9.9	-20.8	095	16	21249	19977	1214	5916
130000	2028.7	8203.6	-8.9	-31.0	109	18	21263	19909	1197	5905
131500	1923.0	8244.4	-9.7	-16.9	101	30	21190	19972	1156	5894
133000	1827.4	8316.8	-9.1	-14.5	116	28	21212	19985	1133	5888
140300	1652.8	8517.7	-7.0	-10.7	142	27	20980	19961	909	5823
141527	1629.7	8609.0	-1.8		346	04	20123			EYE
142000	1632.5	8625.7	-6.5	-9.4	017	57	20851	20061	720	5754
143000	1646.5	8706.7	-7.7	-10.8	030	43	21191	20117	1002	5842
144600	1629.0	8614.0	-1.7	-8.0	184	02	21009	20415	594	5594
145900	1622.5	8520.6	-7.7	-10.8	180	34	21123	20093	973	5833
150500	1618.9	8523.4	-7.3	-10.5	188	36	21116	20088	958	5828
151812	1618.0	8624.0	-0.5	-14.5	032	16	20960	20613	278	5588
152500	1652.9	8622.1	-6.8	-10.6	097	68	20977	20088	800	5776
154000	1702.7	8619.0	-6.5	-11.0	104	60	21059	20114	867	5798
154800	1628.0	8627.0	-2.5	-11.3	246	03	21013	20638	303	5597
160100	160100	8718.0	-7.6	-11.4	028	37	21557	20483	1000	5829
161700	1629.0	8629.0	-1.2	-15.1	154	21	20990	20707	293	5600
163200	166.9	8529.7	-7.0	-11.3	190	32	20968	19887	990	5850
165100	1629.7	8639.3	-2.6	-11.0	301	15	21004	20683	321	5603
171315	1628.0	8640.0	-3.0	-12.6	352	04	20951	20551	300	5599
173500	1703.4	8503.0	-8.5	-11.7	157	43	21071	19971	1030	5859
174500	1719.1	8417.1	-9.2	-13.0	133	34	21211	20052	-1095	5867

NOAA 41

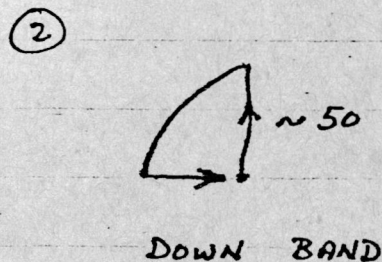
18 SEPT 1978

GRETA

POSITION	04 Z	15.7 N	84.0 W
FORECAST	12 Z	16.0 N	85.5 W
	00 Z / 19	16.5 N	87.5 W



DISTANCE
DEPENDS ON
DISTANCE TO LAND
NOT TO EXCEED 60 NM



20,000 FT

REPEAT ① AND ② AT 23,000 OR 24,000 FT.

MAXIMUM ENDURANCE MISSION