

19760928FL 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 N6541 C	
FLIGHT LOG		FLIGHT NO. 20-77	
		FLIGHT ID 760928F	
		DATE SEPT. 28, 1976	
TAKE OFF (City or airport) MIAMI		LAND (City or airport) BERMUDA	
		ALTITUDE 20000'	
PURPOSE HURRICANE GLORIA RCH.			
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 2235		TIME ON: 2230	
TIME OUT: 1510		TIME OFF: 1520	
BLK. TIME: 7:25		FLIGHT TIME: 7:10	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	CICIRELLI	MICHIE	WILLIS ^{HG}
WERLEY	RICCI	DARBY	LASEUR ^{HG}
PENRY	NUNN	SCHRICKE	DELGADO ^{HG}
SCHISSEL	FLEURY	CALVERT	BLACK ^{HG}
PROPOSED MISSION BDA NETTENVILLE 20000', DROPWINDSONDES AT END POINTS AND 18 IN EYE 3 PENETRATIONS			
ACTUAL MISSION AND REMARKS AS PROPOSED, ALL DROPS OF DOUBTFUL QUALITY			
DATA COLLECTED AND REMARKS 2 AWRs TAPES NOSE, SIDE, RADAR FILM			

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760928F

ME	LA	LO	RA	PA	D	P.H.	SLP.	T	Td	DD	FF				
0000	2758	6258	22363	21265	1042	5843	1009.5	-13.8	-25.6	042	07	DROP # 1 IN CLO			
2734	2810	6047	22194	21126	-	5832	1008.5	-12.5	-13.8	040	15				
500	2813	5929	21914	21106	-	5740	-	-9.6	-10.5	353	42				
1640	2815	5920	218	210	-	5723	996.5	-8.4	-13.2	190	8	5 DROP # 2 & EYE			
0000	2726	5917	22040	21003	-	5822	-	-11.8	-19.6	250	39	40KTS W			
0459	2705	5918	22248	21071	-	5838	-	-11.8	-29.1	242	34	50KTS S DROP # 3			
2254	2817	5919	21848	21083	-	5728	-	-9.2	-11.8	060	3	DROP # 4 5 EYE			
3000	2820	5848	22102	21164	-	5789	-	-12.2	-15.3	168	50	55KTS E			
4257	2817	5744	22365	2156	-	5846	-	-12.4	-18.2	194	27	DROP # 5			
0000	2818	5855	21922	21039	-	5770	-	-10.5	-11.4	195	52	60KTS E QUAD			
0500	2821	5918	21802	21058	-	5721	996.4	-9.2	-11.0	235	03	DROP # 6 5 EYE			
2400	2942	5920	22389	21343	-	5821	1007.5	-13.4	-15.3	112	28	DROP # 7 45KTS N SIDE			

RFF - 3A WORK FORM
(8 - 72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RESEARCH FLIGHT FACILITY
MIAMI, FLORIDA

ELECTRONIC SYSTEMS STATUS

FLIGHT ID

760928F

DATE

SEPT. 28, 1976

PRE - FLIGHT STATUS:

System operation normal.

SR C

INFLIGHT OUTAGES:

TIME NOTED

SYSTEM

CORRECTIVE ACTION

1834

J.W. SHOT OFF

T.R. OVER HEAT N/A

1910

JW TURNED ON

N/A.

POST FLIGHT SUMMARY:

APS - 20 RADAR INFLIGHT CHANGES

STC	DIAL											
	TIME											
150 ECHO	DIAL											
	TIME											
ANTENNA TILT	DIAL											
	TIME											
ANTENNA RPM	DIAL											
	TIME											
MAG CURRENT	DIAL											
	TIME											

REMARKS

ELECTRONIC SYSTEMS SUPERVISOR

☐ USE REVERSE SIDE FOR ADDITIONAL REMARKS AS NECESSARY.

RFF - 3B WORK FORM
(8 - 72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RESEARCH FLIGHT FACILITY
MIAMI, FLORIDA

ELECTRONIC SYSTEMS INFLIGHT DATA LOG

FLIGHT ID

760928F

DATE

SEPT. 28, 1976

INSTRUCTIONS: Make all entries in pencil. At Flight Termination, give completed form to the Flight Director. Initials of person checking equipment will be put in the columns if the equipment is operating normally. If the equipment is inoperative, put an x and elaborate on malfunction (i.e., time out, time restored, etc.) below. Check equipment every 30 minutes.

	15 00	15 30	16 00	16 30	17 00	17 30	18 00	18 30	19 00	19 30	20 00	20 30	21 00	21 30	22 00	22 30	23 00	23 30	00 00	00 30	01 00	01 30	02 00	30
DIGITAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
PRESSURES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
APN-82																								
APS-20																								
WP-101																								
RDR-1																								
RADAR ALT.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
TEMP. (VORTEX)																								
TEMP. (ROSEMNT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
TRT PRT-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
J.W. LIQ. WATER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
CSI DEWPOINT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
OMEGA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
INERTIAL NAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											

REMARKS:

1834 J.W. SHUT OFF TR OVER HEATING
1910 JW TURNED ON.

2538
29-49.7

27.8 340°
58.5

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
GUNNOE		SCHISSE		41C	760928 P	152054	MIA	28 520 20	GLORIA
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION		LAT. LON. COR'N	POSITION	LAT. LON. COR'N	REMARKS
1520	25-48.2			25-48.0					
54	80-17.6	4	1	80-17.5					
1538	25-42.0			25-42.6		-1.6			
09	79-16.0	2	1	79-17.2		-1.2			
1730				27-00.1					
28		10	1	70-15.0					
1946		10	1	28-14.9 - 59-19.7					5 GLORIA
2022				28-17.3					
52		10	1	59-19.7					5 GLORIA
2104				28-21.3					
59		10	1	59-18.2					5 GLORIA
2234	32-21.9			32-21.1 -		-1.8			
01	64-40.9	4	1	64-38.13		+2.8			G.S. 2.3

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)