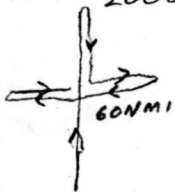


19760831F1-FDNR

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N6541C	
FLIGHT LOG		FLIGHT NO. 15-7T	
		FLIGHT ID 760831F	
		DATE AUG 31, 1976	
TAKE OFF (City or airport) SAN JUAN	LAND (City or airport) SAN JUAN	ALTITUDE 10000, 20000'	
PURPOSE HURRICANE FRANCIS RSCH			
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 20 50		TIME ON: 20 45	
TIME OUT: 12 30		TIME OFF: 12 40	
BLK. TIME: 8 20		FLIGHT TIME: 8:05	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
TICKNOR	RICCI	MICHIE	SHEETS
WERLEY	NETTERVILLE	DARBY	PELGADO
PENRY	FREEDMAN	SCHRIKKE	WILLIS
SCHISSEL		CALVERT	THAN FAR
PROPOSED MISSION 20000 FOR PROSONDES & CLOUD PHYSICS 10000 FOR 182 FIX 			
ACTUAL MISSION AND REMARKS AS PROPOSED EXCEPT N. AND E. LEGS EXTENDED TO COVER RAINBANDS			
DATA COLLECTED AND REMARKS 2 AWKS TAPES, R&L SIDE, VERT, NOSE, 8 DROPS			

[illegible]

760831F

1245
3
1545

NOAA 0807 FRANCES

TIME	LA	LO	RA	PA	D	HT	SLP	T	Td	DD	FF			
1330	1939	6304	21420	20195	1160	5896		-11.5	-21.7	355	07			
1400	2026	6014	21382	20176	1146	5894		-12.0	-22.3	319	03			
1430	2116	5825	21341	20157	1119	5881		-9.9	-19.5	321	14			
1500	2209	5601	21273	20240	970	5828		-8.4	-7.3	293	42			120/85
1531	2406	5513	20695	20131	518	5681		-5.1	-8.4	126	36			100/85
1523	2331	5512				5672		-4				5	max 85-50	
1604	2353	5523	20754	20239		5661		-3.5	-11.5	160	06	5		
630	2354	5425	20875	20090	726	5760		-7.2	-7.5	181	76			
1644	2359	5531	20579	20085	420	5654		-3.4				5		
1700	2402	5639	21066	20170	837	5801		-8.5	-9.3	010	45			
1716	2403	5529				5651		-3.2				5		
1730	2403	5424	20942	20145	746	5758		-7.3	-8.3	200	78			
1743	2401	5429				3004		+8.9	9.7	196	80			
1746	2403	5438				2989		+9.8	11	194	90			
48	2403	5443												180/85
1758	2411	5521	10045			2946		+10.3		190	86			
1830	2348	5718	21019	20008		2874	978	15				5		
1900	2227	5914	21269	20141		5832		-9.2	-12.4	341	42			
1930	2105	6113	21344	20192		5867		-10.9	-14.5	339	10			
2000	1951	6316	21380	20207		5875		-11.8	-23.2	249	09			
						5881		-12.2	-25.5	289	07			

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
INERLEY	SCHISSEL	412	760831P	124254	KSTJ	31 Aug 76	UNEM-IFMCOOS

TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION	LAT. LON. COR'N	POSITION	LAT. LON. COR'N	REMARKS
1242 54	18-26.3 65-59.9	4	1	18-26.5 65-00.8				
1303 10	18-57N 65-00W	2	2	18-55.0 64-55.5	072 68		158 65	ST/CROIX
151922		10	1	23-17.9 55-25.6				
1523-11		1	1	23-31.1 55-12.7				5 J. J. J.
1602		1	1	23-57.4 55-25.8				5 "
1644 38		1	1	23-58.6 55-30.7				5 "
1715 49		1	1	24-02.8 55-29.8				5 "
1758 15		1	1	24-11.4 55-20.8				5 "
2050 06	18-26.3 65-59.9	4	1	18-28.3 6-58.3	-2.0 +1.6			G.S. 1.0

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)