

19770921I1-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 N# 43 RF	
FLIGHT LOG		FLIGHT NO. 23-77	
FLIGHT ID 770921I		DATE 9/21/77	
TAKE OFF (City or airport) SJU	LAND (City or airport) SJW	ALTITUDE 1500 and 10K	
PURPOSE CLOUD MASS RES. & STORMFURY PRACTICE			
PROPOSED TAKEOFF TIME: 1400Z		PROPOSED FLIGHT DURATION: 10 hrs.	
TIME IN: 2325Z		TIME ON: 2320	
TIME OUT: 1410Z		TIME OFF: 1424	
BLK. TIME: 9:15 HRS		FLIGHT TIME: 8+56	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
Gunnor		McFadden	Freedman
Saladin		Michie	Loudin
Gerish		Dugranut	Brunson
Ricci		Daniels	Willoughby
PROPOSED MISSION SJU → 15N 62W → 15N 60W → 13N 62W → 13N 60W → 15N 62W Pattern #1 Disturbed area Pt #2 CLOUD LINE ON SELECTED CLD @ ~1000' then @ +10°C alt. Pt #3 CLOUD BOX			
ACTUAL MISSION AND REMARKS Pattern was altered prior to take off To IP 15N 63W and fly box pattern 15N 60 → 13N 60 → 13N 63W → 15N 63W.			
DATA COLLECTED AND REMARKS DESC to 1000' for Cloud work w/ 4C			

17.0 4 15 R6.0 17.0 4 5.0 E 116 4LS 7

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
SALADIN		GERISH		N43RF	770921	1429	SAN JUAN P.R.	21 Sept. 77	Hurricane? Research
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION INE#1	LAT. LON. COR'N	INE#2 POSITION	LAT. LON. COR'N	REMARKS	
1413	18 26 66 00			18 27.7 66 00	-1.7 0	18 27.7 66 00	-1.7 0	RT Mode Block Out	
1424	18 26 66 00			18 27.5 65 59.6	-1.5 +0.4	18 27.5 65 59.5	-1.5 +0.5	T. O.	
1947	17 44 64 42			17 44.3 64 41.4	-0.3 +0.6	17 44.5 64 40.8	-0.5 +1.2	Over COY	
1654				13 15.1 59 59.8		13 14.9 60 00.4		Both INE NGIF #25 (Inte NGFG INE#1 000020)	
								INE#1 Not Talking to NGFG	
2030								RT Sig. Light On	
2217				14 06.0 64 53.6		14 00.7 64 32.7		End of Patterns	
2227								RT Sig light #2 INE now being RT	
2320	18 26 66 00			18 33.1 65 59.4	-7.1 +0.6	18 29.1 66 01.0	-3.1 -1.0	Land	
2328	18 26 66 00			18 33.2 65 59.9	-7.2 +0.1	18 30.0 66 01.4	-4.0 -1.4	Block in GS, 3 Residual GS 6	

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)