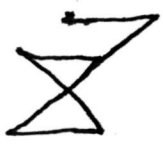


19770922II-FDIR

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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 N43RF	
				FLIGHT NO. 24-77	
				FLIGHT ID 770922I	
				DATE 9/22/77	
TAKE OFF (City or airport) SJU		LAND (City or airport) SJU		ALTITUDE 1500, 10K, 20K	
PURPOSE STORMFURY PRACTICE & DISTURBED WX INVEST.					
PROPOSED TAKEOFF TIME: 0400Z			PROPOSED FLIGHT DURATION: 9 +		
TIME IN: 1430			TIME ON: 1425		
TIME OUT: 0610Z			TIME OFF: 0617		
BLK. TIME: 8+20			FLIGHT TIME: 8+08		
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TICKNER		McFadden	BRUNSON	KNIGHT	
GENZLINGER		Michie		ELDER	
ROSE		Dubranrut		MOSS	
ADAMS		Daniels		LOPEZ	
PROPOSED MISSION SJU → 16N 64W → 16N 62W → 14N 64W → 14N 62W → 16N 64W — 3 patterns 1500, 10K, 20K Butterfly 					
ACTUAL MISSION AND REMARKS 2 hr. + delay in T.O. — mechanical SJU → 16N 64W → 16N 62W → 13N 65W → 13N 63W → 15N 65W → 15N 63W Pattern @ 1500' & 10K 					
DATA COLLECTED AND REMARKS					

MSJ
MSJ

Departed 0617Z

center at 13°40' 64°25'

770922I

WB Form 413-50
2-63

TIME	LA	LO	RA	D	S.F.	T	Td	DD	FF						
0700	16.3	64.0	2114	99	1014	13.6	9.8	129	02						
0730	16.0	62.4	496		1013.8	23.8	18.1	122	14						
0800	15.1	63.0	486		1013.2	23.8	21.1	095	11						
0830	13.7	64.3	473		1011.9	24.4	20.8	114	11						
0900	13.0	64.1	474		1012.5	24.3	21.9	123	11						
0930	13.5	63.6	478		1013.0	24.3	22.0	099	14						
1000	15.0	64.9	469		1013.0	24.1	20.8	140	066						
1030	14.9	63.0	602	1011.2	1013.5	22.4	18.5	123	17						
1100	14.0	64.0	3205	160	3037	9.2	3.3	206	06	-					
1130	13.0	64.2	3213	165	3042	9.1	2.6	174	08	130/15					
1200	13.6	63.6	3213	165	3042	9.0	6.9	199	09	140/15	93/11				
1230	15.0	64.8	3216	168	3045	8.5	6.6	173	09	110/20	93/11				
1300	15.3	63.3	3219	173	3050	7.7	4.9	151	08	130/15	93/11				
1330	16.0	65.1	3219	172		9.2	6.2	231	03	100/20	93/11				

00Z

24TH

ETA 0200Z

29.93

330

27000

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
TICKNOR		ADAMS		N 43		770921		0618		5JU N18-26.5 W066-00.6		21 Sept '77		convection study	
TIME OF ENTRY	POSITION	CONF FACT	TYPE NO.	DOPPLER POSITION	LA LO CORR	STA OR REF. POSN.	TRUE BEAR- ING	RANGE OR READING	CORR	REMARKS					
0400	N 18-26.5 W 66-00.6		II	18-27.5 65-59.9	-1.0 +1.7			18-27.4 65-59.8	-1.9 +1.8	Block out STARTER MOTOR Eng Start T: FAIL					
0610	N 18-26.5 W 66-00.6			N 18-26.5 W 066-00.6	0 0			18-26.5 W 66-00.6	0 0	Block out ENG START T: 0608					
0617.3	N 18-26.8 W 66-00.6			18-26.7 66-00.6	-1.1 0			18-26.6 66-00.6	+1.7 0	T. off					
0640	17-44 64-42			17-45.3 64-41.0	-1.3 +1.0			17-45.1 64-41.1	-1.1 +1.9	MOT COY					
0650	Hepburn			17-11.4 64-04.0				17-11.1 64-04.1							
0704				16-00.5 063-59.9						Begin Pattern					
0740								16-01.1 62-04.3		6546					
0844				N 12-59.9 W 64-59.9											
0918				13-00.2 63-01.8				12-58.9 63-01.5							
0958				14-57.0 65-00.5				14-56.0 64-59.9							
1032				N 14-58.5 W 63-03.8				14-57.2 63-01.8							
1120				12-59.5 64-59.4				12-58.3 64-57.6							
1148				13-00.9 63-02.2				12-58.8 62-58.5							
1227				15-01.3 64-58.2				14-57.7 64-57.4							

TYPE OF FIX. (1) DR. (2) RADIO (3) CELESTRAL (4) VISUAL (5) LORAN (6) RADAR
(7) DOPPLER (8) OMEGA

CONFIDENCE FACTOR (Nautical Miles) (1-5,1) (6-10,2) (11-15,3) (16-UP,4)

Pos

16:00
20:00

128.6

29.98

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
TICKNOR		ADAMS		N43		770922		0618		STU N18-26.5 W66-00.6		22 Sept 177		Convection Studies	
TIME OF ENTRY	POSITION	CONF FACT	TYPE NO.	DOPPLER POSITION	LA LO CORR	STA OR REF POSN.	TRUE BEARING	RANGE OR READING	CORR	REMARKS					
1254				14-59.9 63-03.0				14-55.5 62-59.0							
1314				16-04.2 64-23.8				15-59.6 63-59.9							
1335	N15-36 W64-40			16-00.4 65-29.4				15-54.7 65-28.2		265/128 COY 358					
1342				16-00.2 65-58.9				15-53.7 65-58.4							
1426	N18-26.5 W66-00.6			N18-42.6 +6.1 W66-00.9 -1.3				N18-27.7 -1.2 W65-58.5 +2.1		Land					
1431	N18-26.5 W66-00.6			N18-42.5 -16.0 W66-00.9 -3				N18-27.5 -1.0 W65-58.6 +2.3		Block In #1 4 RDS G.S. #2 1					
	1431 - 400	14	31												
	10+31	6	10												
		8	21												
				Block Time = 10+31 or 8+21 ?											

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