

19770922F1-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 6541C	
FLIGHT LOG		FLIGHT NO. 58-77	
		FLIGHT ID 770922F	
		DATE SEPT 22 1977	
TAKE OFF (City or airport) SJU	LAND (City or airport) SJU	ALTITUDE 18K-24K	
PURPOSE HURRICANE RESEARCH			
PROPOSED TAKEOFF TIME: 1500Z		PROPOSED FLIGHT DURATION: 8 HR	
TIME IN: 2310Z		TIME ON: 2305Z	
TIME OUT: 1457Z		TIME OFF: 1505Z	
BLK. TIME: 8:13		FLIGHT TIME: 8:00	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
WERLEY	SCHISSEL	DARBY	BRANCH
PENRY	NETTERVILLE	POWELL	
CICIRELLI	NUNN	SCHACKER	
FLEURY		CALVERT	
PROPOSED MISSION			
ACTUAL MISSION AND REMARKS AS PROPOSED EXCEPT CENTER OF 24K BUTTERFLY 16°30'N 68°W			
DATA COLLECTED AND REMARKS			

15382 00

16.5

1.501

17.300

75.30
67

70.20

1900
1200

770922F

NOAA FORM 59-4
(2-72)

TIME	LAT	LONG	RA	PA	T	TA	WD	WS	HT								
153000	1728.4	6648.6	19357		-6.4	-7.0	053	03	592.5								
154000	1651.9	6744.6	19338	18086	-6.6	-12.7	217	09	593.5								
155100	1700.0	6800.1	19315	18097	-6.0	-11.8	294	13	593.9							START	
160000	1637.3	6827.6	19227	18088	-6.8	-15.1	287	04	593.7								
161500	1548.5	6855.2	19200	18085	-6.8	-17.1	292	04	593.5								
163000	1558.6	6748.4	19305	18052	-7.6	-11.0	284	08	592.9								
164500	1605.4	6706.5	19210	18011	-6.2	-6.3	224	07	592.9								
170000	1647.0	6747.2	19258	18001	-8.3	-9.4	329	18	591.9								
171500	1731.3	6880.1	19334	18113	-5.4	-18.9	226	11	592.8								
173000	1758.4	6850.0	19404	18369	-7.3	-7.0	099	11	589.1								
174500	1801.3	6744.4	19281	18040	-6.0	-11.0	234	12	595.0								
180000	1757.4	6708.5	19106	17940	-6.1	-7.1	037	14	594.4								
181600	1708.8	6751.9	19249	17913	-4.6	-14.9	067	09	594.0								
183100	1617.7	6809.7	24772	23282	-16.5	-17.3	193	33	7610								
184500	1539.8	6850.1	25750	24215	-18.4	-27.4	203	28	7612								
190100	1528.9	6750.8	25713	24205	-17.0	-18.3	198	11	765.7								
191500	1541.2	6704.9	25570	24075	-17.4	-17.4	180	16	759.8								
193000	1624.7	6755.7	25808	24307	-19.2	-18.1	222	15	760.2								
195000	1729.4	6859.7	25789	24216	-19.3	-23.1	218	06	761.1								
200000	1735.3	6820.8	25812	24290	-19.2	-24.0	195	08	761.5								
201500	1730.6	6706.7	25780	24227	-18.7	-19.4	207	19	761.6								
203000	1657.6	6735.7	25612	24097	-19.0	-20.1	203	16	761.1								
204500	1635.3	6835.3	21637	20333	-12.2	-19.5	215	08	591.1								
204900	1640.9	6853.6			START OF CLOUD LINE					1640N 6830W CENTER							
210000	1639.4	6912.2	19193	18039	-6.7	-14.1	226	14	590.7								
211500	1657.2	6927.3	19293	18089	-6.6	-20.8	245	05	590.8								
213000	1627.3	6921.2	19187	18021	-6.4	-7.3	235	16	591.9								
214500	1638.5	6945.9	19224	18148	-7.3	-9.9	256	21	589.9								
220000	1644.0	6989.3	19228	18208	-7.9	-13.5	347	10	588.0								
221500	1638.7	6855.7	19113	18093	-6.8	-8.9	113	12	589.0							END	

2300

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.		TIME AIRBORNE		LOCATION	DATE	PROJ. NAME
WEXLEY		Schiffman		41C	770922F				SJW	22 SEP 77	Storm Flare
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION		LAT. LON. COR'N	<u>Delco</u> POSITION	LAT. LON. COR'N	REMARKS		
1504 37	18-26.5 66-00.6	H	1	18-21.6 66-00.8			18-21.6 66-00.6				
1520 41	18-00.0 66-31.0	2	1	17-59.4 66-31.4		+1.2 -1.4	17-59.5 66-31.5	+1.5 -1.5			
1536		9	1	17-02.0 67-00.9			17-02.6 67-00.2				
1551 03		9	1	17-00.1 68-00.3			16-59.4 67-59.5		START #1		
1640 34		9	1	15-59.8 67-00.5			15-59.8 66-59.8				
1730 20		9	1	17-58.5 68-48.7			17-56.5 68-47.5				
181831		9	1	16-59.9 68-00.2			16-58.1 67-59.5				
182708		9	1	16-29.5 68-00.0			16-27.4 67-59.4		START #2		
193334		9	1	16-37.6 68-00.1			16-33.3 68-05.7				
2038 22		9	1	16-30.7 68-04.2			16-28.5 68-05.1				
204635		9	1	16-41 68-51							
212430		9	1	16-20.2 69-30.9			16-09.6 69-31.1				
	18-00 66-31	2	1								
2307	18-26.5 66-00.1	2	1	18-41.2 65-54.8		-14.7 +5.3	18-25.0 65-56.6	+1.5 +3.5			

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)