

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. 25-80			
		FLIGHT ID 800805F			
		DATE AUG 05 1980			
TAKE OFF (City or airport) SAN JAYN	LAND (City or airport) SAN JAYN	ALTITUDE 10K			
PURPOSE HURRICANE ALLEN					
PROPOSED TAKEOFF TIME: 1000Z		PROPOSED FLIGHT DURATION: 8 HR			
TIME IN: 1715Z		TIME ON: 1742Z			
TIME OUT: 1012Z		TIME OFF: 1019Z			
BLK. TIME: 7:40		FLIGHT TIME: 7:23			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE	NELSON	DARBY		WILLOUGHBY	OLIVER
TICKNER		SCHRIEKER		LEARN	RISLEY
FISHER		CALVERT		JONES	RELMOR
MOORE				COUCH	
PROPOSED MISSION					
ACTUAL MISSION AND REMARKS					
DATA COLLECTED AND REMARKS EYE PKN. 8 (2) RADIO (3) CELESTIAL (4) VISUAL (5) LOCAL (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL 2 TAPES FILM RS-LS-1105E 2 RADAR TAPES					

1810

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Tiedrick Burner	Nelson	410	800805	1019	MJSS N 18 26.4 W 066 06.6	05 Aug 80	Allen

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
1009	N 18 26.4 W 066 06.6	4	N 18 26.4 W 066 06.6		N 18 26.7 W 066 01.1		BIK
1019	N 18 26.4 W 066 00.8	4	N 18 26.4 W 066 00.8		N 18 26.6 W 066 01.2		T/O
1046	N 17 W 067	9 10	N 17 28.0 W 067 10.4		N 17 28.6 W 067 11.2		
1145.5		9 10	N 15 54.2 W 070 21.2		N 15 53.9 W 070 21.8		PASS #1 Allen
1246.4		9 10	N 15 58.9 W 070 40.1		N 15 59.7 W 070 40.7		PASS #2 Allen
1345.8		9 10	N 16 04.2 W 071 01.2		N 16 06.7 W 071 01.9		PASS #3 Allen
1416.3		9 10	N 16 08.2 W 071 06.9		N 16 09.5 W 071 07.8		PASS #4 Allen
1449.48		9 10	N 16 13.8 W 071 21.6		N 16 15.5 W 071 22.8		PASS #5 Allen
1516.3		9 10	N 16 08.8 W 071 26.0		N 16 11.4 W 071 26.9		PASS #6
1546.00		9 10	N 16 22.3 W 071 31.9		N 16 23.2 W 071 33.7		PASS #7
1610.24		9 10	N 16 20.1 W 071 43.7		N 16 21.3 W 071 45.6		PASS #8
1742		4	N 18 26.4 W 065 58.5		N 18 27.8 W 066 00.5		LDg MJSS

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERROR		
				ELAPSE ALIGN POST TIME					LAT	LONG	G
INS 1	0905	N	N	/	4	1000	1750	7.8	-0.2	+1.6	1
INS 2 or IMU	0905	-	✓	/	-	1000	1750	7.8	-0.1	-0.1	5

ALIGN REMARKS :

OTHER REMARKS :

TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN
 (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL
 (10) OMEGA - INERTIAL

0602 ALLEN

100

TIME	LAT	LONG	T	DP	WD	WS	RA	PA	SP				
045	17°30.1	16710.8	1.0	-2.0	127	55	14841	14106					
1050	START		168°										
	1713.1	6714.1	-0.6	-1.5	131	64	14520	14081					
105300	1706.3	6724.3	1.2	1.2	132	71	14693	14012					
105800	1704.9	6745.3	-0.9	-0.9	133	74	14712	14088					
111500	1647.7	6844.7	7.5	7.5	136	83	10210	9930					
113000	16346	6952.7	9.8	9.3	125	103	9910	10013					
114000	1614.2	7019.9	12.5	12.2	095	78							
114532	1553.7	7021.9	16.6	16.6	240	18			935MB	eye	1554 N	7022	
120000	1510.0	7034.2	9.5	9.5	265	52	9987	9988	991				
121000	1510.7	7045.6	9.8	9.7	280	47	10104	10112	991				
122000	1536.3	7101.1	12.4	9.2	333	64	9726	10034	981				
123000	1552.4	7124.5	10.4	10.4	011	69	9967	10055	988				
124000	1554.1	7105.3	11.5	11.5	356	92	9978	9985	968				
124600	1559.8	7040.3	16.8		160	06	8236		935MB	eye			
130000	15475	7003.1	9.9	9.4	181	90	9914	9920	990				
130700	1539.1	6942.5	9.5	9.3	184	71	9002	9922	998	POINT S			
132000	1528.9	7019.6	9.7	9.7	200	70	9955	9989	991				
133000	1515.8	7043.8	9.5	9.5	240	56	9957	9950	992				
1345	16065	7101.8	16.4	—	066	318	8499	—	936MB	eye			
1400	1647.2	7123.2	9.3	9.3	081	104	10019	10041	990				
1416	1609.7	7108.2	17.1		280	12	8658		936MB	eye			
1450	1615.3	7122.6	17.0		095	03	8518		936MB	eye			
1505	1650.1	7146.3	9.7	9.7	075	106	9832	10021	985				
1516	1611.5	7126.6	16.4		219	09		9981	935MB	eye			
1533	1546.2	7123.1	10.8	10.8	231	77	9732	9729	981				
1545	1622.1	7133.3	16.6		157	26	8552		937	eye			
							AUG MAX						
1557	1656.4	7203.6	10.0	10.0	071	99	155 KTS	135 KTS	NW	QUAD.			
							9835	9955	988				
1610	1624.4	7145.7	17.8		217	16	9626	10014	936	eye			