

NOAA 3

OIXX

INVEST

13N

52W

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N43RF
FLIGHT LOG		FLIGHT NO. 49-82
		FLIGHT ID 820721 I
		DATE JULY 21, 1982
TAKE OFF (City or airport) MIA / MJSJ	LAND (City or airport) MJSJ / MJSJ	ALTITUDE 19K <i>varies</i> 15K INVEST
PURPOSE RECCO		
0930 PROPOSED TAKEOFF TIME:	3 PROPOSED FLIGHT DURATION:	
1255 TIME IN: 2050	124930 TIME ON: 204436	
0920 TIME OUT: 1405	093745 TIME OFF: 141226	
3.6 BLK. TIME: 6.8 / 10.4	FLIGHT TIME:	
FLIGHT PERSONNEL		
OPERATIONS CREW		SCIENTIFIC CREW
VISITORS		
GUNNOE	RICCI	HAYDU
STONE	WIGGERT	
GENZLINGER	FLEURY	PARADIS
CALVERT	FINEBERG	
MANDELKERN	CICCIRELLI	SCHRICHER
COX	HEBERT	GOLDSTEIN
PROPOSED MISSION LAND IN MJSJ. ReFuel. Then fly to 13N 52W for 152 fix, ROD in MJSJ.		
ACTUAL MISSION AND REMARKS found tropical wave with 30KNOT winds		
DATA COLLECTED AND REMARKS 2 slow (2) RADIO (4) VISUAL (5) LORAN 2 P/O (6) RADAR (7) DOPPLER (8) WIND (9) INERTIAL		

COMMANDER <i>Cunroe</i>	NAVIGATOR <i>Cox</i>	A/C NO. <i>43</i>	MISSION NO.	TIME AIRBORNE <i>141226</i>	LOCATION <i>STJ</i>	DATE <i>8207 21</i>	PROJ. NAME <i>Tropical Wave Recon</i>
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TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
<i>1405</i>	<i>18-26.3 066-00.1</i>		<i>18-26.3 066-00.1</i>		<i>✓</i>		<i>Ramp</i>
<i>1437</i>	<i>17-44.2 064-42.1</i>		<i>17-44.1 064-41.3</i>		<i>17-44.0 064-41.3</i>		<i>COY update</i>
<i>1538</i>	<i>14-35.3 61-00.3</i>		<i>14-36.2 060-59.7</i>	<i>-0.9 +0.6</i>	<i>14-36.1 060-59.5</i>	<i>-0.8 +0.8</i>	<i>FOF update</i>
<i>1605</i>	<i>13-04.4 059-29.1</i>		<i>13-04.2 059-28.0</i>	<i>+0.2 +1.1</i>	<i>13-04.3 059-27.7</i>	<i>+0.1 +1.4</i>	<i>ADAMS update</i>
			<i>13024 055-51.9</i>		<i>FK 250</i>		
<i>1715</i>							<i>switch syst 2 steering DAPA using 2</i>
			<i>12-25.5 057-33.9</i>		<i>FK 120</i>		
			<i>11-5</i>				
<i>1742</i>			<i>11-56.4 056-46.2</i>		<i>FK 180</i>		
<i>1749</i>			<i>11-30.1 056-45.4</i>		<i>FK 090</i>		
			<i>11-29.6 056-00.6</i>		<i>FK 310</i>		
<i>1818</i>			<i>12-10 056-46</i>		<i>FK 331</i>		<i>INE's bad status</i>

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS		
									LAT	LONG	G S
<i>INS 1</i>		<i>✓</i>	<i>✓</i>		<i>5</i>	<i>1400</i>	<i>2100</i>	<i>7.0</i>	<i>-0.3</i>	<i>-1.9</i>	<i>4</i>
<i>INS 2 or IMU</i>		<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>-0.9</i>	<i>-1.6</i>	<i>4</i>

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

POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
843		13-41.0 057-37.0				
2043	N 16-16.1 W 061-31.4	16-18.5 061-21.6	-2.4 +9.8	16-18.8 061-21.5	-2.7 +9.9	PPR update TWE status 401
204436						Land
	18-26.3 066-00.6	N 18-26.6 W 066-02.5	-0.3 -1.9	N 18-27.2 W 066-02.2	-0.9 -1.6	Ramp
		OS = 4		OS = 4		
		Kato Area		Ful Tree		Daticz
		18-26.3				
		066-00.6				
		RAMP				
		SITU				