

1200  
1100

<b>RFC-1 WORK FORM</b> (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		<b>AIRCRAFT</b> N43RF
<b>FLIGHT LOG</b>		<b>FLIGHT NO.</b> 60-82
		<b>FLIGHT ID</b> 820915 I
<b>TAKE OFF (City or airport)</b> MIA		<b>DATE</b> SEPT. 15, 1982
<b>LAND (City or airport)</b> MIA		<b>ALTITUDE</b> 19 <sup>K</sup> UP

**PURPOSE**  
 NHRL ODW mission OF DEBBY

<b>PROPOSED TAKEOFF TIME:</b> 182	<b>PROPOSED FLIGHT DURATION:</b> 10 HRS
<b>TIME IN:</b> 0320	<b>TIME ON:</b> 0311
<b>TIME OUT:</b> 1815	<b>TIME OFF:</b> 1825
<b>BLK. TIME:</b> 9.1	<b>FLIGHT TIME:</b>

FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TICKNOR	NUNN	HAYDU	STONE	BURPEE	
NOBLE		PARADIS		FRANKLIN	
COX		GOLDSTEIN		WILLIS	
FLEURY		SCHRICKER		MARKS	

**PROPOSED MISSION**  
 See enclosed plans

**ACTUAL MISSION AND REMARKS**

BEGIN	NCS	Ω	TIME OUT OF COAST	ALIGN	(1) TIME INTO NAV	(2) TIME OUT NAV	ΔT	TERMINAL ERR		
ALIGN TIME	CONN	AID	CLASSE ALIGN POST TIME	STS			(2)(1)	LAT LONG		
					4	7:25	23:25	9.5	-22	-79
									-13	-78

**DATA COLLECTED AND REMARKS**  
 INERTIAL (NAV NOTE 2015), TT 1,  
 2 P/O 1 DOPPLER ODW  
 1 SLOW 2 RADAR  
 20 GOOD 4 BAD

PILOT/C COMMANDER <i>Tidwell</i>	NAVIGATOR <i>...</i>	A/C NO. <i>43</i>	MISSION NO.	TIME AIRBORNE <i>182440</i>	LOCATION <i>MIA</i>	DATE <i>8/07</i>	PROJ. NAME <i>Prop. ...</i>
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TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
<i>1805</i>			✓		✓		<i>Using #2</i>
							<i>Running unaligned</i>
							<i>making small adjustments</i>
<i>Fri 1855</i>	<i>25-48.0 077-57.0</i>		<i>25-47.0 077-59.8</i>		<i>25-46.9 078-00.2</i>		<i>265/70</i>
<i>1902</i>	<i>25-53.0 077-30.0</i>		<i>25-49.1 077-30.0</i>		<i>25-48.9 077-30.4</i>		<i>262/97 <u>update</u></i>
<i>2015</i>							<i>Using #2 <sup>Ω sign</sup> <sub>stuck</sub></i>
							<i>#1 decoupled trying to use #2</i>
			<i>03/050</i>				<i>Find</i>
	<i>25-48.0 077-57.0</i>		<i>25-55.4 077-08.1</i>	<i>-72 +9.5</i>	<i>25-53.0 077-11.0</i>	<i>-4.8 +6.6</i>	<i>Relief</i>
							<i>9-29</i>

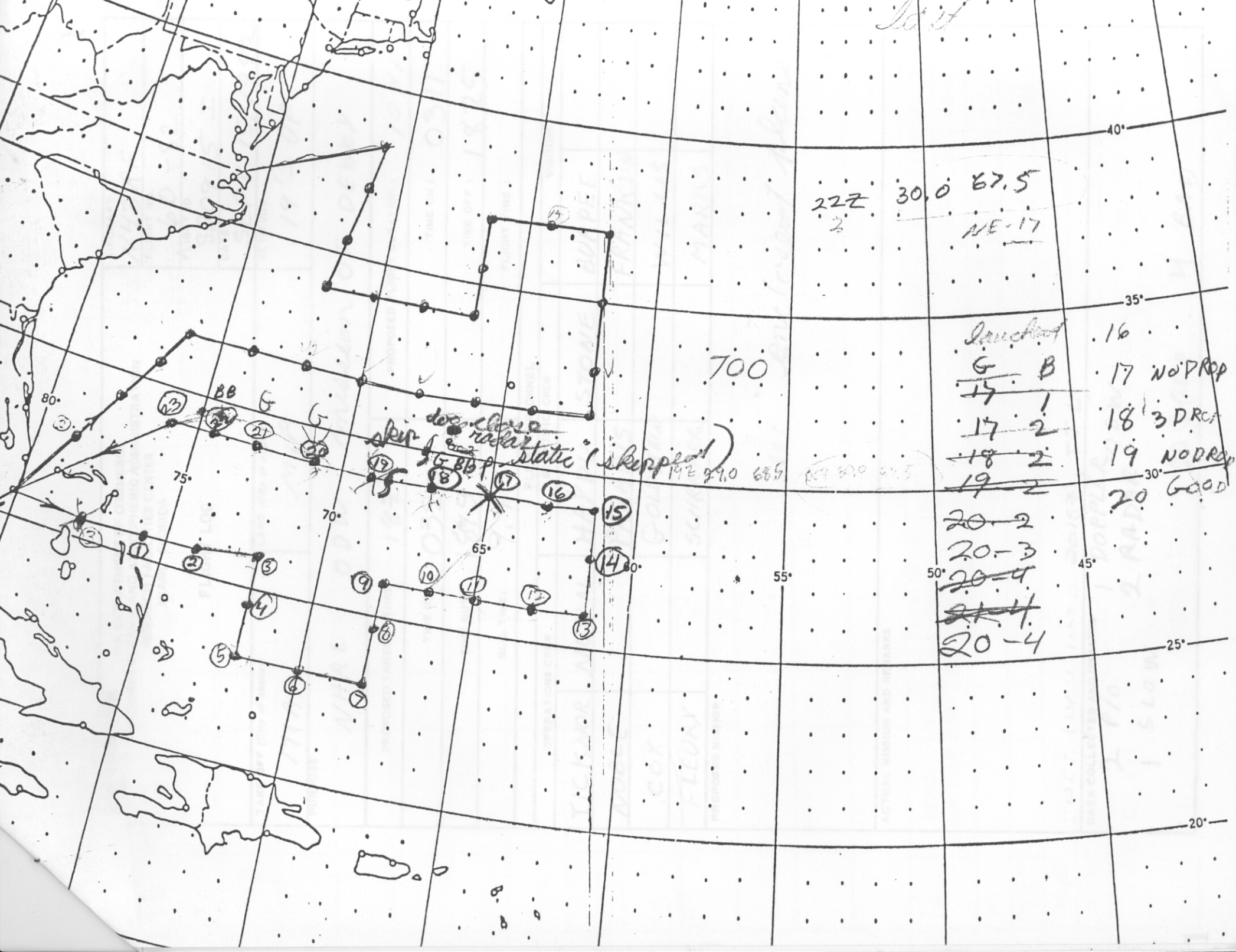
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS		
				ELAPSE ALIGN POST TIME		LAT	LONG		G S		
<i>INS 1</i>					<i>4</i>	<i>1756</i>	<i>0325</i>	<i>9.5</i>	<i>-7.2</i>	<i>+9.5</i>	<i>3</i>
<i>INS 2 or IMU</i>					<i>4</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>-4.8</i>	<i>+6.6</i>	<i>2</i>

ALIGN REMARKS :

OTHER REMARKS : *#1 decoupled - 2015 = Running #1*

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

10/17



22Z 30.0 67.5  
 2  
 NE-17

700

do not cloud  
 radar  
 static (skipped)

Launch	16
G B	17 NO PROP
17 1	18 3 DRA
17 2	19 NO DRA
18 2	20 GOOD
19 2	
20 2	
20 3	
20 4	
<del>21 4</del>	
20 4	