

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA  <b>FLIGHT LOG</b>	AIRCRAFT	N42 RF
	FLIGHT NO.	46-20
	FLIGHT ID	200805H
	DATE	5 August '80

TAKE OFF (City or airport) <b>SJU</b>	LAND (City or airport) <b>SJU</b>	ALTITUDE 1500' 15k, 18k, 22k, 25k
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PURPOSE  
**Hurricane Allen.**

PROPOSED TAKEOFF TIME: <b>1000Z</b>	PROPOSED FLIGHT DURATION: <b>10 hrs</b>
TIME IN: <b>20:23 Z</b>	TIME ON: <b>20:14 Z</b>
TIME OUT: <b>10 14 Z</b>	TIME OFF: <b>10:23 Z</b>
BLK. TIME: <b>10.2 hrs</b>	FLIGHT TIME: <b>9.9 hrs</b>

FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
Worley	Adams	Possby	Zysko	Jorgensen	Holland
Geuzinger		Brunson		R. Black	Zipser
Mandelkern		D. Granrot		Wirtel	
Rose		Connor		Parrish	

PROPOSED MISSION  
Eye wall and Rainband Convective Study as defined in the Hurricane Field Program Plan of the NHEML on pps 42, 56, & 58. Did 15k, 10k,

ACTUAL MISSION AND REMARKS  
As proposed except entered pattern at 13 Then flew 3, 2, 1, 4, 2, 5. Midway between 5 and 1 picked up race track brg. 330°. Did not fly box between pts 8, 9. Flew by 2 pattern ~~IX~~ flew rain band 15, 10, 5 k, 1.5 k, but couldn't complete rainband cross at 500'.

DATA COLLECTED AND REMARKS





A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION SJU	DATE	PROJ. NAME
WERLEY	ADAMS	N42RF	800805	10 2	18- 66-	5 AUG 1980	"Allen" J

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
101509	18-26.4 66-00.7	4/1	18-26.1 66-01.0	+1.3 -1.3	18-26.1 66-01.2	+1.3 -1.5	Block out
102325	18-26.4 66-00.7	4/1	18-26.4 66-00.9		18-26.2 66-01.1		TOFF
1135							FP #3 w/v 115/97 DA22R
114834			15-54.6 70-25.1		15-54.6 70-23.6		J
120306			14-58.9 70-40.8		14-58.8 70-39.5		P#1
122607			16-09.5 71-25.6		16-10.3 71-23.4		P#4
123727			15-57.3 70-40.1		15-57.0 70-37.3		J
125233			15-38.9 69-41.1		15-40.2 69-38.3		P#5 190/90
130729					15-05.4 70-12.9		P#6 213/90
132121			16-00.4 70-54.9		16-01.8 70-52.8		J 112K15
133723			17-00.9 71-29.1		17-02.6 71-26.2		P#7 095/90
140116			16-06.3 71-07.7		16-07.8 071-04.3		J

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS		
				ELAPSE ALIGN POST TIME					LAT	LONG	GS
INS 1	00	✓	✓	—	0	0945	2024	10.7	-1	-1	2
INS 2 of INS	00	✓	✓	—	0	0945	2024	10.7	-9	+3	0

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





