

19840902H1-FDIR

RFF-10 WORK FORM (8-72) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N42ZF	
FLIGHT LOG		FLIGHT NO. 57-84	
		FLIGHT ID 840902H	
		DATE 2 Sept 1984	
TAKE OFF (City or airport) K SJU	LAND (City or airport) K SJU	ALTITUDE 1.5 K	
PURPOSE T.D. Arthur recco (12, 18z Fixes)			
PROPOSED TAKEOFF TIME: 1030Z		PROPOSED FLIGHT DURATION: 8+	
TIME IN: 1848		TIME ON: 1841	
TIME OUT: 1029		TIME OFF: 1037	
BLK. TIME: 8:19		FLIGHT TIME: 8:04	
FLIGHT PERSONNEL			
OPERATIONS CREW		WEATHER CREW	
VISITORS			
Genzlinger	Barnhill	Parrish	Gonzales
Noble	Correll	Darby	Willoughby
Meyers	Moore	Berles	Dorst
Nelson	Calvert	Jarvi	Kohler
			Dodge
PROPOSED MISSION Fly to vicinity of 19°N, 61.5°W for T.D. Arthur RECCO. Obtain 12, 18z Fixes from 1500'.			
ACTUAL MISSION AND REMARKS Rantek out at B.O. TAZ reading 6° high. Using #1. Rantek back up @ 1115. 1156 Fix - 18°04' N, 61°06' W - 1010 mb. ~9340 - Down to 1K to stay VFE. System crash 1440. 1735Z Fix 18°25' N, 61°24' W.			
DATA COLLECTED AND REMARKS 1 slow 5 radar			

Two
 1015.1
 us
 1014.7
 1016 TD.

Two
 1015
 070110
 1013.5

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME		
Genslinger		Nelson BARNHILL		42RF	840902	103659	SAN JUAN 18-26.3 N 066-00.6 W	2 Sept 84	Recon ARTHUR		
TIME OF ENTRY	POSITION	TYPE	INERTIAL #1 POSITION		LAT LON COR'S	INS #2 POSITION	LAT LON COR'S	REMARKS			
102904	18-26.3 N 066-00.6 W	4	18-26.3 N 066-00.6 W		0	18-26.3 N 066-00.6 W	0	MIST Ramp Block out			
103305	18-26.3 N 066-00.8 W	4	18-26.3 N 066-00.8 W		0	18-26.3 N 066-00.8 W	0	Rwy 08 APP end			
								T/O Rwy Hdg. 067 Hdg CK (067.5)			
105345	18-21.5 N 065-01.5 W	4/2	18-20.4 N 064-59.6 W		+1.1 +0.9	18-20.6 N 064-59.6 W	+0.9 +0.9	STT INS ✓ INS QF 045 045			
111050		10	18-37.1 N 063-38.5 W			18-37.6 N 063-38.5 W		Begin descent From 100 → 1500'			
112100		10	18-43.7 062-51.8			18-44.6 062-51.7		@ 1500' INS QF 051 051			
115539		10	18-03.0 N 061-06.4 W			18-03.9 N 061-06.8 W	5	ARTHUR CNTR #1 INS QF 043 043			
123000		10	16-14.5 N 060-07.4 W			16-15.3 N 060-07.7 W		TP FR TRK 155 → 017 INS QF 038 038			
130810		10	17-43.0 N 060-06.4 W			17-44.1 N 060-07.1 W		INS -L ✓ INS QF 041 041			
1328							5	ARTHUR CNTR #2 (missed FIX)			
140000		10	19-59.1 N 060-15.5 W			19-59.8 N 060-16.1 W		TP FR 029 → 270 INS QF = 043 043			
142500		10	19-57.1 N 062-06.1 W			19-57.5 W 062-02.0 N		TP FR 270 → 157 INS QF 043 043			
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	0910Z	Y	Y	—	0	102247	1849	8+26	-1	+1.8	0
INS 2 or IMU	0910Z	Y	Y	—	0	102247	1849	8+26	+1.8	-1.9	3
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											

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