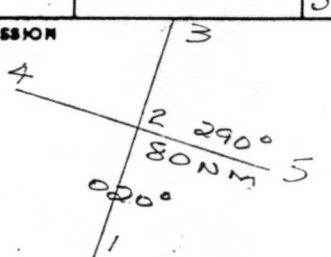


1980080811-FDIR

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N436P
FLIGHT LOG		FLIGHT NO. 81-80
		FLIGHT ID 80080811
		DATE AUG. 8, 1980
TAKE OFF (City or airport) MIA	LAND (City or airport)	ALTITUDE SK
PURPOSE NHDW RESEARCH - HURRICANE ALBERT		
PROPOSED TAKEOFF TIME: 1600Z	PROPOSED FLIGHT DURATION: 9 HRS	
TIME IN: 0110Z	TIME ON: 0104Z	
TIME OUT: 1615Z	TIME OFF: 1622Z	
BLK. TIME: 8:55/40	FLIGHT TIME: 8:42HRS	
FLIGHT PERSONNEL		
OPERATIONS CREW	SCIENTIFIC CREW	VISITORS
THOMAS CIGARELLI	DAVIS	BERLES
NADLE	BROWN	WILLOUGHBY
BERGER	HEBERT	ZIPSER
BIGGI	GOLDSTEIN	HAWKINS
	STONE	MARKS
PROPOSED MISSION  RECCO HALF HOURLY 212,00Z FIXES FLY 5-2-4-2-1-2-3-2-5-2-4...ETC AT SK		
ACTUAL MISSION AND REMARKS AS PLANNED 8 PENETRATIONS 212,00Z FIXES WITH 15 RECCO WITH HIGHEST WIND 145 KTS LOWEST SLP 913MB		
DATA COLLECTED AND REMARKS 1 SLOW FLT. LVL TAPE; 9 RADAR TAPES; 4 FACT. LVL TAPE; 5 PMS TAPES; 5 L5, K5, D 1111		

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME		
Turner		Turner		43		16 22:13	KMI 19 N 25-48.3 W 80-17.6	8 Aug 80	"Allen"		
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	INERTIAL POSITION	LAT LON COR'S	REMARKS				
1608	N 25-48.3		N 25-48.3		N 25-48.3		Eng				
1613	N 80-17.6		W 80-17.6		W 80-17.6		Taxi				
1621							Toll				
1639	N 25-32.5 W 81-03.0		N 25-33.5 W 81-04.3	-1.0 -0.3	N 25-33.4 W 81-04.3	-0.9 -0.3	BSY 260°T/49				
1651	N 25-50.0 W 82-02.0		N 25-50.8 W 82-01.5	-0.8 -1.5	N 25-50.6 W 82-01.3	-0.6 -1.3	BSY 276°T/100				
1733			N 25-51.3 W 86-06.6		N 25-51.0 W 86-06.6						
1859			N 24-06.9 W 92-04.9		N 24-07.4 W 92-03.0		eye "Allen" 5000'				
1925	N 24-07 W 92-2						eye "Allen"				
2000			N 24-10.7 W 92-17.3		N 24-11.9 W 92-15.7		eye "Allen"				
2034			N 24-15.7 W 92-23.0		N 24-16.4 W 92-21.8		eye "Allen"				
2118			N 24-14.5 W 92-34.3		N 24-15.9 W 92-32.3		eye "Allen" ? Questionable				
2202			N 24-19.5 W 92-43.3		N 24-19.7 W 92-42.1		eye "Allen"				
2234			N 24-19.2 W 92-46.1		N 24-20.2 W 92-44.6		eye "Allen"				
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		
INS 1	1531	3.1	2/4	—	1	1606	0412	9406	+0.3	φ	3
INS 2 or IMU	1531	3.1	2/4	—	0	1606	0112	9406	+0.5	+1.1	0
ALIGN REMARKS: 225h 00s described											
OTHER REMARKS: DOP MEM intermittently											
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL											

[illegible]

8 Aug 1980

AC 43RF

FL+ # 800808I1

Operator Marks

Radar Tape Usage

Tape	Time on	Time off
D1T1	172430	182530
D2T1	182536	191616
D1T2	191616	201600
D2T2	201840	204900
D1T3	204912	215212
D2T3	215212	220425
D1T4	221045	230606
D2T4	230606	234226
D1T5	234227	004200

tape broke in penetration