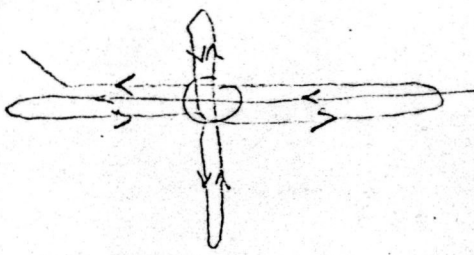


19790831FI - FDIR

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N6541C	
		FLIGHT NO. 74-79	
		FLIGHT ID 790831F	
		DATE AUG. 31, 1979	
TAKE OFF (City or airport) MKPA ANTIGUA		LAND (City or airport) MIAMI	
ALTITUDE 			
PURPOSE DAVID RESEARCH			
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 1410		TIME ON: 1408	
TIME OUT: 0655		TIME OFF: 0702	
BLK. TIME: 7:15		FLIGHT TIME: 7:06	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	NETTERVILLE	MICHIE	
PENRY	PACE	BRANCH	
NELSON		SCHRIKKER	
FLEURY		CALVERT	
		REAZER	MALONEY
		RISLEY	CARPENTER
		WILLOUGHBY	
		LAHIFF	
PROPOSED MISSION 20000' RCH PATTERN			
			
ACTUAL MISSION AND REMARKS 5 PENETRATIONS 0839Z 1709N 6847W 0919 1707 6852 1001 1706 6859 1024 1708 6900 1106 1709 6905			
DATA COLLECTED AND REMARKS 2 DATA TAPES NOSE & SIDE CAMS 1022Z 1353Z			

5 penetrations

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Gunnor		NE/SQW		N41C		7908 31		0701		ANTIGUA. N17 08.0 W 061 47.0		31 Aug 1979		David.	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
0653	N 17 08.0 W 061 47.0	4	N 17 07.9 W 061 47.0		+1.1 0	N 17 10.2 W 061 48.8		-2.2 -1.8	B/K OUT						
0701	N 17 08.0 W 061 48.0	4	N 17 07.4 W 061 47.7			N 17 09.7 W 061 49.5			T/O						
0744	N 17 13.5 W 064 36.1	2	N 17 11.7 W 064 36.5			N 17 14.8 W 064 39.2			ST CO 001 / 31 E / 351 DAVID 2 ON PASS #1						
0839		9	N 17 04.0 W 068 43.4			N 17 08.8 W 068 47.0			PASS #2						
0918		9/8	N 17 04.2 W 068 49.5			N 17 06.6 W 068 52.0			PASS #3						
1001		9/8	N 17 04.4 W 068 54.7			N 17 05.9 W 068 58.8			PASS #4						
1024	12.8	9/8	N 17 04.6 W 068 56.3			N 17 07.9 W 068 59.7			PASS #5						
1106		9/8	N 17 04.5 W 069 01.2			N 17 08.7 W 069 04.5			PASS #6						
1157	18 34.6 W 072 18.3	9/8	N 28 28.9 W 072 14.0			18 34.6 072 18.7			72 nm off NL Cuba (BA)						
1247		9/8	N 21 43.3 W 21 37.3			N 21 49.7 W 074 41.7									
1324		9	N 23 46.6 W 077 07.2			N 23 55.8 W 077 13.1									
1408	N 25 48.0 W 080 17.6	4	N 25 40.8 W 080 13.5		+7.2 +4.1	N 25 48.7 W 080 17.7		-1.2 -1.1	2dy MEA						
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.	ΔT (2)(1)	TERMINAL ERRORS LAT LONG GS						
INS 1	0545		Y	0633		0640	1410	7.5							
INS 2 or IMU	0545				2	0640	1410	7.5							
ALIGN REMARKS: 7.36															
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															

[illegible]

5 0839 138 KTS

HT5335 +5.0 (-6)

25 mile eye

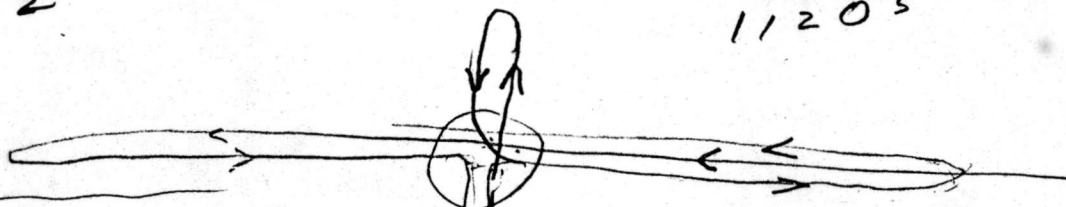
LA 17.08.8
LO 68.47.0

16.55N 0508Z
68.19 928

5 0919 125 KTS +5.2
LA 17.06.6
LO 68.52 5320

0840 ✓
0920 ✓
1000 ✓
1040 ✓
1120 ✓

0700
8
1500
3.5
1130



5 1001
LA 17.05.9
LO 68.58.8

125 KTS

5319

(3.1)

132 KTS NSIDE

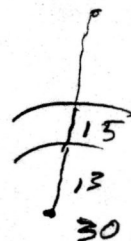
5 1024
LA 17.07.9
LO 68.59.7

+3.4

5320

130 KTS

143 KTS
E SIDE



5 1106 +4.2
LA 17.08.7
LO 69.04.5 5325 921

(4.2)