

1

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Worley		L. J. J. J.		100.55		7809.11		1037.08		KMIA N 25-48.3 W 80-17.6		15 Sept 78		ELLH	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION #1/2		LAT LON COR'S	INS #2/2 POSITION		LAT LON COR'S	REMARKS						
1019 10 24	N 25-48.3 W 80-17.6		N 25-49.6 W 80-16.5		-1.3 +1.1	N 25-49.8 W 80-16.0		-1.5 +1.6	ENG TAXI						
1036									TAXI						
1057	N 25-45.0 W 79-17.7		N 25-46.2 W 79-16.6		-1.2 +1.1	N 25-46.2 W 79-16.6		-1.2 +1.1	Abcam ZBV 202.4 only						
1125			N 25-55.0 W 76-39.0			N 25-57.1 W 76-40.5			No Loran Reception						
1155			N 27-02.5 W 74-05.4			N 27-05.2 W 74-05.0									
1202			N 28-49.7 W 72-56.7			N 28-49.1 W 72-56.3			aid only						
1227						N 30-48.0 W 71-48.0			ELLA center						
1329			N 31-28.6 W 72-33.9			N 31-28.6 W 72-33.0			circumnavigation STM						
1439			N 31-40.7 W 71-01.1			N 31-40.7 W 71-00.4									
1525			N 30-59.7 W 72-09.2			N 30-59.3 W 72-10.8			STM eye						
1607			N 30-02.9 W 72-03.8			N 30-05.6 W 72-04.1			Circum navigation STM						
1631			N 31-06.7 W 71-01.8			N 31-06.9 W 71-01.8									
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS C-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS						
									LAT	LONG	G S				
INS 1	0848	32	Ω	-	5	09.2	19.10	10439	-0.6	+0.4	1				
INS 2 or IMU	0848	32	Ω	-	5	09.2	1940	10439	-0.8	+0.4	1				
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															

#1 1 km
ZJAX

#2 Enroute 10/10/78

[illegible]

[illegible]

FLIGHT PERFORMANCE LOG

DATE 9-1-78

MISSION STORMFURRY "ELLA"

TIME OUT 1015Z

FLT. TECH. CALVERT/D46

A/C N43RF

TIME RTN 1940

SYSTEM	PRE-FLIGHT	IN-FLIGHT	POST-FLIGHT	
Nav INE1	✓	✓	✓	
INE2	✓	✓	✓	
ONE	✓	✓	✓	
DOPL	✓	X FAIL	FAIL ?	
Radar Nose	✓	✓(3)(4) 1400	1824(8) ✓	
L-F	✓	✓	✓	
Tail	NI	✓	✓	
Data Syst.	✓	✓ (9)	✓	
RAMS	✓ (1)			
Sensors				
Total Temp	✓ ✓	✓	✓	
Dewpoint	✓	✓	✓	
Attack Angle	✓	✓	✓	
Slip Angle	✓	✓	✓	
Absolute Pressure	✓	✓ (5)	✓	
Differential Press	✓	(5)	?	
Radar Altitude	✓	✓	✓	
J&W	✓	✓	✓	
PMS OAP-2DP	✓	✓	✓	
OAP-2DC	(2)	(4)	✓	
FSSP	✓	✓	✓	
Data Syst.	✓	✓	✓	
IPC	NI			
Foil Impactor	NI			
CO ₂ Radiometer	NI			
Microwave Radiometer	NI			
Surface Radiometer	✓	✓	✓	
Formvar	NI			
Photography	✓ F, L, R, D	(7) ON: 1148	OFF: 1940	
AXBT-- Tubes 22 loaded	✓ cont ✓ OK	✓ (7EYF)	✓	
Receivers	✓	✓	✓	
ODW	NI			
Seeder	NI			
Gust Probe	NI			

Code: ✓ - Operational; X(#)- Failure (note); NU- Not Used
NI- Not Installed

Notes:

1. ADC #2 INOP
2. HOUSEKEEPING DATA FAULTY
3. PILOT INDICATOR INOP - SWAPPED WITH NAV
4. NAV SCOPE FAILED IN PILOT POSITION
5. MOMENTARY DROPOUTS
6. DATA (IMAGES) O.K. - HOUSEKEEPING CLEARED UP
- ✓ 7. FWD CAM FAIL ~ 1330 (3318 FRAMES)
- * 8. BOTH SCOPES OPERATING NORMALLY (HIGH ALTITUDE - COOL)
- ✓ 9. SPOKING IN LF DIG DISP.

DMTR 1

DMTR 2

[illegible]

FLIGHT 780901
AIRCRAFT N43
DATE Sept. 17
DAY # 244

TOTAL REELS	
VTR	0
DMTR 1	6
DMTR 2	0

All tapes rewound

REEL #	TIME ON	TIME OFF	NO	LF	TA	COMMENTS
1	1045	1240	✓	✓		off 1050 on 1105 } to record coast off 1110 on 1206 } 5 min. + bahamas
2	1248	1343	✓	✓		
3	1350	1447	✓	✓		
4	1454	1543	✓	✓		
5	1550	1650	✓	✓		
6	1657	1745	✓	✓		

The STC ON sometimes in actually on.

The STC ON lig on DSC 2 was sometimes not lit when STC was actually on.

[illegible]