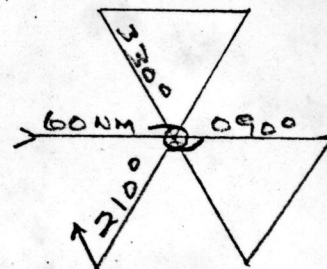


19790221HI-FDIR

RFC-1 WORK FORM (7-76)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N40RF	
				FLIGHT NO. 52-79	
				FLIGHT ID 790221H	
				DATE FEB 21, 79	
TAKE OFF (City or airport) ATTL		LAND (City or airport) ATTL		ALTITUDE 1500', 18K, 24K	
PURPOSE RESEARCH - CYCLONE KERRY					
PROPOSED TAKEOFF TIME: 0400Z		PROPOSED FLIGHT DURATION: 9 HRS			
TIME IN: 1330Z		TIME ON: 1330Z			
TIME OUT: 0450Z		TIME OFF: 0430Z			
BLK. TIME: 9:10 HRS		FLIGHT TIME: 8:56 HRS			
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER	NUNN	CONNOR	SHEETS	WHITING	ABC
WERLEY	DAVIS		LEWIS	MCGANN	ABC
SCHISSEL	BROWN		WALKER	WHITELOW	ABC
ROSE	DUGRANRUT		HAMILTON	PAN	
PROPOSED MISSION					
PATTERN TO BE COMPLETED AT 1500', 18000', 24000'					
XMT CENTER INFO TO TOWNVILLE					
ACTUAL MISSION AND REMARKS					
AS PLANNED XLP UNABLE TO HOLD 24K DUE TO ICING					
9 PENETRATIONS, LOWEST SLP 959 MB					
HIGHEST WIND 120KTS SW QUAD					
7 CENTER FIXES XMTD					
DATA COLLECTED AND REMARKS					
2 STD AIC DIG TAPE, 6 RADAR (N4LF), CLO CAM (LS) KNOXLENGER					



FLIGHT PERFORMANCE LOG

DATE FEB. 21, 79
MISSION 790221H
TIME OUT 0420Z

FLT. TECH. COUNOR, DUG
A/C 42
TIME RTN 1330Z

SYSTEM	PRE-FLIGHT	IN-FLIGHT	POST-FLIGHT
Nav INE1	✓		
INE2	N		
ONE	✓		
DOPL	NU		
Radar Nose	✓		
L-F	②	②	
Tail	NI		
Data Syst.	✓		
RAMS	✓	④ 0630Z	
Sensors			
Total Temp	✓		
Dewpoint	✓		
Attack Angle	✓		
Slip Angle	✓		
Absolute Pressure	✓		
Differential Press	✓		
Radar Altitude	✓		
J&W	✓		
PMS OAP-2DP	INOP		
OAP-2DC	✓	③ 0520Z	
FSSP	✓		
Data Syst.	✓		
IPC	✓		
Foil Impactor	INOP		
CO2 Radiometer	✓		
Microwave Radiometer	✓		
Surface Radiometer	✓		
Formvar	NI		
Photography	✓		
AXBT-- Tubes	✓		
Receivers	✓		
ODW	✓		
Seeder	NI		
Gust Probe	NI		
PHOTO FORWARD	✓	⑤ 0710Z ⑥	
L SIDE	✓	⑤	
R SIDE	✓	⑥	
VERTICAL	NI		

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

Notes:

- ② TILT DRIVE GEARS STRIPPED - ANTENNA PINNED - NO STAB + TILT
- ③ MALF - SHUT DOWN
- ④ INBOARD TAPE DRIVE - REWINDING WHILE ON LINE
OUTBOARD " " - EXCESSIVE PARITIES
- ⑤ FWD CAM MALF
- ⑥ NEED WORK

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Turner	Schissel	42KF	790221		Townsville Q. LAND	27 Feb 79	Storm Fury

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
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0430	19-15.0 146-45.8		19-15.9 146-45.8		19-15.2 146-46.0		
0509			19-29.5 149-50.6		18-38.6 149-47.9		
0603			17-43.8 153-59.6		17-41.5 154-00.3		5 KERRY
0650			17-38.1 154-00.4		17-33.8 154-01.4		5 KERRY
0737			17-40 153-57		17-35.0 154-00.2		6 KERRY
0852			17-33.7 154-06.7		17-24.4 154.07		5 KERRY
0926			17-21.1 153-59.6		17-17.9 154-05.8		5 KERRY
1000			17-19.2 154-01.9		17-11.4 154-02.2		5 KERRY
1039			17-12.11 154-04.0		17-02.6 154-07.6		5 KERRY
1119			17-07.5 154-04		16-55.35 154-08.8		5 KERRY
1154			17-10.1 154-00.7		16-56.7 154-04.0		5 KERRY
1330	19-1563 146-45.95		19-09.6 146-38.7	+6.0 +6.8	18-54.2 146 39.4	+21.4 +6.5	1 0

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		
									LAT	LONG	G S
INS 1											
INS 2 or IMU											

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

080 - 180