

RFF - 1 WORK FORM (8 - 72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		FLIGHT ID 730920A	
FLIGHT SUMMARY				AIRCRAFT N6539C	
				FLIGHT NO. 27-74	
				DATE SEPT 20, 1973	
TAKE OFF (CITY OR AIRPORT) MIAMI		LAND (CITY OR AIRPORT) BERMUDA		ALTITUDE(S) 11,000	
PURPOSE FERRY MIAMI TO BERMUDA FOR HURRICANE ELLEN					
PROPOSED TAKEOFF TIME: 1630			PROPOSED FLIGHT DURATION:		
TIME OUT: 1730		TIME IN: 2225		BLOCK TIME: 4:55	
TIME OFF: 1740		TIME ON: 2220		FLIGHT TIME: 4:40	
PROPOSED PATTERN FERRY DIRECT MIAMI TO BERMUDA					
ACTUAL PATTERN					
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TICKNOR	HATCH	MICHIE	NORIMOTO	MONTANO	PAMON
EVERTS	CORRELL	DARBY		LEWIS	
SANDQUIST	ROSE	FENNELL		PEARCE	
SALADIN	FREEDMAN	CALVERT		SENN	
REMARKS:					

RFF-10 WORK FORM
(8 - 72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RESEARCH FLIGHT FACILITY
MIAMI, FLORIDA

FLIGHT LOG

AIRCRAFT

N 6539C

FLIGHT NO.

27-74

FLIGHT ID

730920A

DATE

SEPT. 20, 1973

TAKE OFF (City or airport)

MIAMI

LAND (City or airport)

BERMUDA

ALTITUDE

11,000

PURPOSE

FERRY MIAMI TO BERMUDA FOR HURRICANE ELLEN

PROPOSED TAKEOFF TIME:

16 30

PROPOSED FLIGHT DURATION:

4+30

TIME IN:

2225

TIME ON:

22 20

TIME OUT:

17 30

TIME OFF:

17 40

BLK. TIME:

4:55

FLIGHT TIME:

4 40

FLIGHT PERSONNEL

OPERATIONS CREW

WEATHER CREW

VISITORS

TICKNOR

HATCH

MICHIE

NORIMOTO

MONTANO

BUTLER

PERL

EVERTS

CORRELL

DARBY

LEWIS

NHRL

SANDQUIST

ROSE

FENNELL

PEARCE

NHRL

SALADIN

FREEDMAN

CALVERT

SENN

NHRL

PROPOSED MISSION

MIAMI TO BERMUDA VIA AIRWAYS

ACTUAL MISSION AND REMARKS

AS PLANNED

DATA COLLECTED AND REMARKS

1 DIG, 1RS, 1LS, 1PP, 1WP101, AYQ30, 1RDR

RFF - 2 WORK FORM (8 - 72) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA FLIGHT DIRECTOR'S INFLIGHT DATA LOG						FLIGHT ID 730920A	
						DATE Sept 20, 1973	

T.A.S. SET.	G.S. SET.	D.A. SET.	I.R.H. DRY PT. (T/O)	I.R.H. TEMP. (T/O)	TIME	I.R.H. TEMP. (LAND)	TIME

	TIME	PRESSURE	TEMPERATURE	DEW POINT	WIND
A/C	T/O	1730	1012.9	33.2	24
WX	STN.	1016.6	29	23	130/03
A/C	LAND				
WX	STN.				

HOURLY INFLIGHT DIGITAL DATA STATUS													
ITEM	HOUR	1	2	3	4	5	6	7	8	9	10	11	12
TIME (CHECK)	1800	19	20	21	22								
AMBIENT PRESSURE	✓	✓	✓	✓	✓								
RADAR ALTITUDE	✓	✓	✓	✓	✓								
TRUE AIR SPEED	✓	✓	✓	✓	✓								
MAG. HEADING	✓	✓	✓	✓	✓								
D.T.C.	✓	✓	✓	✓	✓								
DRIFT ANGLE	✓	✓	✓	✓	✓								
WIND	✓	✓	✓	✓	✓								
TEMPERATURE (VORTEX)	✓	✓	✓	✓	✓								
LONGITUDE	✓	✓	✓	✓	✓								
LATITUDE	✓	✓	✓	✓	✓								
I.R.H.	✓	✓	✓	✓	✓								
DIFFERENTIAL PRESSURE	✓	✓	✓	✓	✓								
J.W. LIQUID WATER	✓	✓	✓	✓	✓								
VARIATION	✓	✓	✓	✓	✓								
TEMPERATURE (RSMNT.)	✓	✓	✓	✓	✓								
C.S.I. DEWPOINT	✓	✓	✓	✓	✓								
I.R. SFC. TEMP.													

✓ - System O.K. X - System Output. In Error C - Corrective Measures Initiative O - System Inoperative NA - Not Applicable

REMARKS

RFF - 3A WORK FORM (8 - 72)		FLIGHT ID 730920A									
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		DATE Sept 20, 1973									
ELECTRONIC SYSTEMS STATUS											
PRE - FLIGHT STATUS: Operation normal											
INFLIGHT OUTAGES: <u>TIME NOTED</u> <u>SYSTEM</u> <u>CORRECTIVE ACTION</u> None											
POST FLIGHT SUMMARY: all Equipment Operational											
APS - 20 RADAR INFLIGHT CHANGES											
STC	DIAL										
	TIME										
150 ECHO	DIAL										
	TIME										
ANTENNA TILT	DIAL										
	TIME										
ANTENNA RPM	DIAL										
	TIME										
MAG CURRENT	DIAL										
	TIME										
REMARKS S. C. Carter ELECTRONIC SYSTEMS SUPERVISOR											

RFF - 4 WORK FROM (8 - 72) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA DIGITAL STATION	FLIGHT ID 730 920 A
	DATE Sept 20, 1973

INSTRUCTIONS: Make all entries in pencil. At Flight Termination, give completed form to the Flight Director.

DIGITAL SYSTEM	TIME ON: 174141	TIME OFF: 221933	NO. OF TAPES: Z 1 ea	RATE: 1-1
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INFLIGHT LOG

TIME RESET	TIME STANDARD USED FOR RESET	REMARKS
Z		
Z		
Z		
Z		
Z		
Z		
Z		
Z		
Z		

REMARKS: (MALFUNCTIONS, RATE CHANGES, ETC.)

RFF - 5A WORK FORM (8 - 72)					FLIGHT ID 730920A	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA					DATE Sept. 20 1973	
PHOTO - OPTICAL STATION						
INSTRUCTIONS: Make all entries in pencil. At Flight Termination, give completed form to the Flight Director. Mark all film cans with Flight ID, Type, and Number. All Times GMT (Z).						
CAMERA	ON	OFF	ON	OFF	RATE	FILM USED (FT.)
FOREWARD	NOT	USED			—	—
RIGHT SIDE	174000Z	222500Z			1/5	235/235
LEFT SIDE	174000Z	222500Z			1/5	235/235
PHOTO PANEL	174000Z	222500Z			1/5	235/235
VERTICAL	—	—	—	—	—	—
ELAPSED TIME COUNTERS		TIME ON: 175000 Z		TIME OFF: 221000 Z		FINAL COUNT: 15600
WP - 101 CAMERA	TIME ON 175100 Z	TIME OFF 221100 Z		LENS SETTING f/8		NO. OF ROLLS 1
WP - 101 INFLIGHT CHANGES						
RATE 1/4	DIAL					
	TIME					
RANGE 50mi	DIAL					
	TIME					
TIME MAGAZINE CHANGED						
APS - 20 CAMERA	TIME ON 175300 Z	TIME OFF 220000 Z		LEN SETTING f/5.6		NO. OF ROLLS 1
APS - 20 INFLIGHT CHANGES						
RATE 1/2	DIAL					
	TIME					
RANGE	DIAL					
	TIME					
FTC	DIAL					
	TIME					
TIME MAGAZINE CHANGED						
RDR - 1 CAMERA	TIME ON 175100 Z	TIME OFF 221100 Z		LENS SETTING f/11		NO. OF ROLLS 1
RDR - 1 INFLIGHT CHANGES						
RATE 1/4	DIAL					
	TIME					
RANGE 2000'	DIAL					
	TIME					
RECEIVER GAIN	DIAL					
	TIME					
TIME MAGAZINE CHANGED						

☐ USE REVERSE SIDE OFR ADDITIONAL REMARKS AS NECESSARY.

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin black lines. There are approximately 20 columns and 25 rows of squares. The paper is white, and the grid covers almost the entire area, leaving small margins at the top, bottom, and sides.

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.		TIME AIRBORNE		LOCATION		DATE	PROJ. NAME
TICKNOR		HATCH		39C.	730920A		174220Z		MIA - BDA		20 Sep '73	FERRY ELLEN
TIME OF ENTRY	POSITION	CONF FACT	TYPE NO.	DOPPLER POSITION	LA LO CORR	STA OR REF. POSN.	TRUE BEARING	RANGE OR READING	CORR	REMARKS		
1742 20Z	25 48 80 17 1/2	1	4	25 48 80 17 1/2	0 /0	RNY				+1° VAR SET		
1802 00Z	25 42 79 16	1	2	25 42 79 16	0 /0	BIM				+2° VAR		
1846 30	25 46 76 28	1	5	26 46 76 25	0 +3			3H6 3373 3L5 3566 3L3 3765		+3° VAR		
1857 45	25 56 75 46	1	5	25 58 75 46	-2 /0			3H5 3840 3H6 3270		+4° VAR		
1911 12	26 27 75 06 1/2	1	5	26 28 1/2 75 05 1/2	-1 1/2 +1			3H5 3950 3H6 3120		+5° VAR		
1938 30	27 17 73 43	1	5	27 21 73 35 1/2	-4 +7 1/2			1H3 3423 3L5 4105 3H6 2815		+6° VAR		
2012 1/2	CASH	1	5							+7° VAR		
2016	28 32 71 35	1	5	28 34 71 30	-2 +5					+8° VAR		
2033 30	29 12 70 36	1	5	29 11 70 31 1/2	+1 +4 1/2			5 4130 6 2134		+10° VAR		
2052	CHERRY	1	5							+11° VAR		
2129 45	30 44 67 17	1	5	30 39 67 11	+5 +6			3L3 2650 ✓ 3L5 4186 ✓ 3H6 1665 ✓ 3H4 2888 ✓		+12° VAR		
2221	32 22 64 41			32 21 64 40	+1 +1					LNUDD BDA		

TYPE OF FIX. (1) DR. (2) RADIO (3) CELESTRAL (4) VISUAL (5) LORAN (6) RADAR
(7) DOPPLER (8) OMEGA

CONFIDENCE FACTOR (Nautical Miles) (1-5,1) (6-10,2) (11-15,3) (16-UP,4)