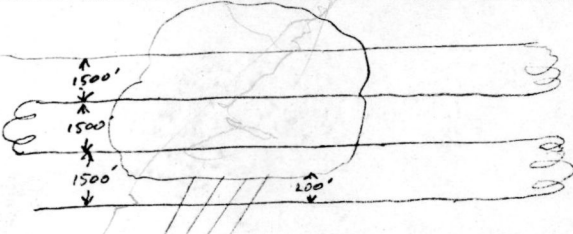


19750820A2-FDIR

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RFF - 1 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		FLIGHT ID 750820A ²	
				AIRCRAFT N6539C	
				FLIGHT NO. 21-76	
				DATE AUG 20, 1975	
FLIGHT SUMMARY					
TAKE OFF (CITY OR AIRPORT) MIAMI		LAND (CITY OR AIRPORT) MIAMI		ALTITUDE(S) 6000-4500-3000-1500	
PURPOSE NHEML HURR. GROUP RADAR CALIBRATION					
PROPOSED TAKEOFF TIME: 1830		PROPOSED FLIGHT DURATION: 1:30			
TIME OUT: 1910		TIME IN: 2130		BLOCK TIME: 2:20	
TIME OFF: 1920		TIME ON: 2125		FLIGHT TIME: 2:05	
PROPOSED PATTERN PENETRATE CLOUD AT 4 LEVELS.					
					
ACTUAL PATTERN AS PROPOSED					
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
TURNER		MICHIE	SCHRIKKER	LEWIS	REDLEIN
SALADIN		FENNELL		RICE	POSTER
GERISH		BROWN		MERCERET	PELLADO
CORRELL		NORIMOTO		JORLENSON	SENN
REMARKS:					

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 750 820A²					
												DATE AUG. 20, 1975					

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	191740	1016.9	29.6	19.0	
WX STN.	1830	1019.3	28.9	23.9	
A/C LAND	212600	1018.2	30.9	18.3	
WX STN.	210000	1018.6	30.6	24.4	120/06

HOURLY INFLIGHT DIGITAL DATA STATUS												
ITEM \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12
TIME (CHECK)												
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) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA ELECTRONIC SYSTEMS STATUS		FLIGHT ID 750820A²											
PRE - FLIGHT STATUS: OK		DATE AUG. 20, 1975											
INFLIGHT OUTAGES: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">TIME NOTED</th> <th style="text-align: left; border-bottom: 1px solid black;">SYSTEM</th> <th style="text-align: left; border-bottom: 1px solid black;">CORRECTIVE ACTION</th> </tr> </thead> <tbody> <tr> <td style="font-size: 1.2em; font-family: monospace;">18:15:40</td> <td style="font-size: 1.2em; font-family: monospace;">DATACOM</td> <td rowspan="3" style="font-size: 1.2em; font-family: monospace; vertical-align: top;"> DROPPED OUT WHEN POWER XFERRED PULLED BOARDS AND REPLUGGED CAME UP AFTER 210 ATTEMPTS </td> </tr> <tr> <td style="font-size: 1.2em; font-family: monospace;">19:25:46</td> <td style="font-size: 1.2em; font-family: monospace;">STOP</td> </tr> <tr> <td style="font-size: 1.2em; font-family: monospace;">19:25:30</td> <td style="font-size: 1.2em; font-family: monospace;">RESTART</td> </tr> </tbody> </table>				TIME NOTED	SYSTEM	CORRECTIVE ACTION	18:15:40	DATACOM	DROPPED OUT WHEN POWER XFERRED PULLED BOARDS AND REPLUGGED CAME UP AFTER 210 ATTEMPTS	19:25:46	STOP	19:25:30	RESTART
TIME NOTED	SYSTEM	CORRECTIVE ACTION											
18:15:40	DATACOM	DROPPED OUT WHEN POWER XFERRED PULLED BOARDS AND REPLUGGED CAME UP AFTER 210 ATTEMPTS											
19:25:46	STOP												
19:25:30	RESTART												
POST FLIGHT SUMMARY:													
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													

ELECTRONIC SYSTEMS SUPERVISOR

☐ USE REVERSE SIDE FOR ADDITIONAL REMARKS AS NECESSARY.

RFF - 3B WORK FORM
(8 - 72)

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

FLIGHT ID

$$750820A^2$$

DATE _____

AUG. 20, 1975

ELECTRONIC SYSTEMS INFLIGHT DATA LOG

INSTRUCTIONS: Make all entries in pencil. At Flight Termination, give completed form to the Flight Director. Initials of person checking equipment will be put in the columns if the equipment is operating normally. If the equipment is inoperative, put an x and elaborate on malfunction (i.e., time out, time restored, etc.) below. Check equipment every 30 minutes.

[illegible]

REMARKS:

S: IZH not turned on until 21:06:00

190713-1

RFF - 5A WORK FORM (8 - 72)					FLIGHT ID 7508204	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA					DATE 20 AUG 75	
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	191500Z	212500Z			1/2	100'
RIGHT SIDE	191500Z	212500Z			1/5	100'
LEFT SIDE	191500Z	212500Z			1/5	100'
PHOTO PANEL						
VERTICAL						
ELAPSED TIME COUNTERS		TIME ON: 193000 Z		TIME OFF: 212000 Z		FINAL COUNT: 06601
WP - 101 CAMERA	TIME ON 1925 Z		TIME OFF _____ Z		LENS SETTING f/5.6	NO. OF ROLLS
WP - 101 INFLIGHT CHANGES						
RATE 1/1	DIAL					
	TIME					
RANGE	DIAL					
	TIME					
TIME MAGAZINE CHANGED						
APS - 20 CAMERA	TIME ON 1927 Z		TIME OFF 2110 Z		LEN SETTING f/9.6	NO. OF ROLLS
APS - 20 INFLIGHT CHANGES						
RATE 1/1	DIAL					
	TIME					
RANGE	DIAL					
	TIME					
FTC	DIAL					
	TIME					
TIME MAGAZINE CHANGED						
RDR - 1 CAMERA	TIME ON 1925 Z		TIME OFF 2106 Z		LENS SETTING f/11	NO. OF ROLLS
RDR - 1 INFLIGHT CHANGES						
RATE 1/1	DIAL					
	TIME					
RANGE 200m	DIAL					
	TIME					
RECEIVER GAIN	DIAL					
	TIME					
TIME MAGAZINE CHANGED						

USE REVERSE SIDE OFR ADDITIONAL REMARKS AS NECESSARY.

TIME	ALT	HDG
0142		
202033	6000	290
202104		
0274		
02810	4500	310
0285		
02921	4500	310 #2
0340		
03522	3000	120
0412		
04226	1700	310

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE		LOCATION	DATE	PROJ. NAME
TURNER		GERISH		N6539C	750820	191745		MIAMI	20 July 75	TEST
TIME OF ENTRY	POSITION	CONF FACT	TYPE NO.	DOPPLER POSITION	LA LO CORR	STA OR REF POSN.	TRUE BEARING	RANGE OR READING	CORR	REMARKS
1909	25 48.3 80 17.5			25 48.3 80 17.6	0 0					BLOCK OUT
191745	25 48.0 80 17.6			25 48.2 80 17.3	-0.2 +0.3					AIRBORNE
194950	26 49.7 81 23.5		L	26 50.0 81 23.7	-0.3 -0.2	LBY		0		INS Check
2019	2			26 28.5 82 26.1						6000 FT Enter Cloud
202030				26 30.4 82 28.8						6000 FT Enter Cloud
202748				26 27.3 82 27.1						5000 FT Enter Cloud
203342				26 28.2 82 26.8						3000 FT Enter Cloud
203405				26 27.3 82 25.6						3000 FT MARK On above Cloud
204150				26 30.6 82 28.6						1700 FT IN RAIN
2126	25 48.0 80 17.6			25 47.9 80 18.5	+0.1 -0.9					LAND
2130	25 48.5 80 17.6			25 48.1 80 18.6	+0.2 -1.0					BLOCK IN Residual G.S. 2.4 ^{KT}

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)