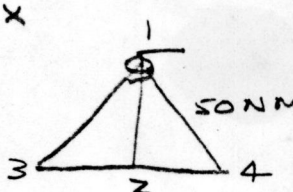


19750930FL FDIR

1

RFF - 1 WORK FORM (8-72)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		FLIGHT ID 750930F	
FLIGHT SUMMARY				AIRCRAFT N6541C	
				FLIGHT NO. 47-76	
				DATE SEP. 20, 75	
TAKE OFF (CITY OR AIRPORT) BDA		LAND (CITY OR AIRPORT) MIA		ALTITUDE(S) 10K, 20K, 23K	
PURPOSE RESEARCH - NHEML - HG - HURRICANE GLADYS					
PROPOSED TAKEOFF TIME: 1600Z			PROPOSED FLIGHT DURATION: 8 HRS		
TIME OUT: 1810Z		TIME IN: 0200Z		BLOCK TIME: 7:50 HRS	
TIME OFF: 1819Z		TIME ON: 0155Z		FLIGHT TIME: 7:36 HRS	
PROPOSED PATTERN FIRST PENETRATION AT 10K FOR FIX AT 10K 1 → 2 AT 20K 2 → 1 → 3 → 4 → 1 → 2 AT 23K 2 → 1 → 3 → 4 → 1					
					
ACTUAL PATTERN AS PLANNED 5 PENETRATIONS XMTD FIX 2040Z 2542N 6950W SLIP 974MB MAX FLT LVL WND 120°/80 KTS					
FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE	RICE	DAVIS	NOEL		(HG) SHEETS
SANDOWS	CICIRELLI	DARBY	SCURICKER		(HG) BUNNIE
MORAN	NETTREVILLE	CANNON	MONTANO		(HG) WILLIS
SCHEFFEL	HEPPELT	DANIELS			(HG) DOSTER
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 750930F					
						DATE SEP 30, 75					

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	181904Z	1026.7	25.5	12.6	101102
WX STN.					
A/C LAND	0154.572	1016.7	25.4	19.5	342101
WX STN.					

HOURLY INFLIGHT DIGITAL DATA STATUS													
ITEM	HOUR	1900	2000	2100	2200	2300	0400	0700	8	9	10	11	12
TIME (CHECK)		OK	OK	OK	OK	OK	OK	OK					
AMBIENT PRESSURE													
RADAR ALTITUDE													
TRUE AIR SPEED													
MAG. HEADING													
DTC 65													
DRIFT ANGLE													
WIND													
TEMPERATURE (VORTEX)													
LONGITUDE													
LATITUDE													
I.R.H.													
DIFFERENTIAL PRESSURE													
J.W. LIQUID WATER													
VARIATION 1/14/													
TEMPERATURE (RSMNT.)													
C.S.I. DEWPOINT													
I.R. SFC. TEMP.													
TK DY		Y	Y	Y	Y	Y	Y	Y					
AA, SA		Y	Y	Y	Y	Y	Y	Y					

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

REMARKS

RFF - 4 WORK FROM (8 - 72)		FLIGHT ID 750930F	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA DIGITAL STATION		DATE SEP. 30, 75	
INSTRUCTIONS: Make all entries in pencil. At Flight Termination, give completed form to the Flight Director.			
DIGITAL SYSTEM	TIME ON: 1814 Z	TIME OFF: 0155Z Z	NO. OF TAPES: 2 RATE: 111
INFLIGHT LOG			
TIME RESET	TIME STANDARD USED FOR RESET	REMARKS	
Z			
Z			
Z			
Z			
Z			
Z			
Z			
Z			
Z			
Z			
Z			
REMARKS: (MALFUNCTIONS, RATE CHANGES, ETC.)			

Gladys

RFF - 5A WORK FORM (8 - 72)				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FLIGHT FACILITY MIAMI, FLORIDA				FLIGHT ID 750930 F	
PHOTO - OPTICAL STATION				DATE 30. Sept. 75					
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									
RIGHT SIDE	1820	2245			15	201'			
LEFT SIDE	1820	2245			15	200'			
PHOTO PANEL									
VERTICAL									
ELAPSED TIME COUNTERS		TIME ON: 183000 Z		TIME OFF: 224000 Z		FINAL COUNT: 15000			
ADN 64 WP - 101 CAMERA	TIME ON 1845 Z		TIME OFF 1.17 Z		LENS SETTING f/ 56		NO. OF ROLLS 1		
WP - 101 INFLIGHT CHANGES									
RATE	DIAL	14							
	TIME	1845							
RANGE	DIAL	variable							
	TIME	1845							
TIME MAGAZINE CHANGED									
APS - 20 CAMERA		TIME ON Z		TIME OFF Z		LEN SETTING f/			
APS - 20 INFLIGHT CHANGES									
RATE	DIAL								
	TIME								
RANGE	DIAL								
	TIME								
FTC	DIAL								
	TIME								
TIME MAGAZINE CHANGED									
RDR - 1 CAMERA		TIME ON Z		TIME OFF Z		LENS SETTING f/			
RDR - 1 INFLIGHT CHANGES									
RATE	DIAL								
	TIME								
RANGE	DIAL								
	TIME								
RECEIVER GAIN	DIAL								
	TIME								
TIME MAGAZINE CHANGED									

1819Z OFF BDA

1851Z AT 20K

2032Z AT 10K

2040Z AT 5 2548N 6950W

SLP 974 MB

2120Z AT 20K 100 NM S OF CENTER

2155Z AT 5 2554N 7001W

2205Z 50 NM SW OF CENTER

2219Z 50 NM SE OF CENTER

2223Z AT 5 2259N 7010W

2256Z AT 23K 100 NM S OF CENTER

2319Z AT 5 2615N 7015W

2330Z 50 NM SW OF CENTER

2347Z 50 NM SE OF CENTER

0000Z AT 5 2625N 7022W

0054Z DESCEND TO 20K

0155Z LND MIA

750930 F

9590

18

TIME	NDG	LA	LO	RA	PA	D	T	TH	HT	DD	FF			
1219	OFF	4:04												
1400	215	3041	6555	2150	2016	1288	-10.9	23.4	5935	162	12			
1916	2090	213	6639	2142	2016	1267	-10.0	-14.2	5926	170	23			
1930	206	2856	6716	2147	2017	1242	-9.9	-20.4	5918	161	31			
1945	203	2754	6753	2140	2014	1206	-7.6	-23.1	5903	144	32			
2000	2000	2657	6827	2132	2014	1124	-7.0	-23.0	5876	154	42	50KTS		
2010	2000	2631	6851	2121	2013		-6.0	-31.7	5845	142	47			
2016	2000	2615	6930				-4.5		5865	148	60			
2018		2607	41								70	77		
2021		026947								125	72			
2025		25442951								211	51			
2027		25456943								182	51			
2029		25546947								151	57			
2036		58 47					17.3		305	137	57	2090-2		
2039		52 48							2972	118	74	2548		
2040		47 52	77309930	-281	10.2	10.5	2924	240	16	6950				
2042		44 55							200	55				
2044		49 57							012	72				
2052		25336957							3070	260	45			
2052		25127002	10470				7.9		269	38				
2103		23557009							250	16				
2124		24087004	2135	2017	1111	-9.6	-22.6	5872	221	21				
2135		24577000						5855	223	16				
2140		25196958						5836	257	26				
2145		25426956						5812	252	22				
2148		25546953					-2.2		5705	206	47	21552		
2149		26006952					-4.8		5741	161	47	2564		
2155		25537000						5767	221	35	5	7001		
2200		25327019						5816	345	11				
2205		25047036						5846	330	25				
2218		25116937						5853	152	30				
2225		25326948					-8.5		5827	215	47			
2230		25516903					-7.4		5791	236	34	22332		
2233		26017011					-7.5		5779	040	09	2559		
2243		25317015					-8.5		5833	267	20	7010		
2248		25107012					-9.5		5860	169	32			
2259		24447005					-16.7		5871	163	39			
2308		25057009					-14.1		5841	234	35			
2312		47 11					-16.6		5800	210	16			
2314		56 12					-12.8		5800	231	19			
2316		26037013					-12.5		5799	212	17	23192		
2318		12 14					-10.1		5770	258	16	2615		
2319		26177016	24242310	1072	-12.2			5786	082	20	7015			
2326		26007040					-13.3		5812	648	64			
2331		25427058					-16.1		5834	308	26			
2340		25327019					-16.0		5835	232	35			
2345		25306953					-16.2		5855	211	42			
2351		25537062					-15.6		5795	262	19			
2356		26107014					-14.2		5777	213	24			
2357		16 17					-15.2		5766	232	28	00002		
2359		26237021	25502431	1138	-13.8			5771	202	04	2625			
0000		26267022	25542410	1155	-11.1			5753	132	26	7022			

0032	2612	7318	2579	2435	1361	-174-211	5265	059/27
0100	2555	7556	2144	2023	1154	-110-143	5892	072/20
0115	2543	7722	2140	2019	1159	-103-237	5893	059/18
0130	2539	7841	2145	2022	1175	-119-152	5901	049/11

25-48
6450

A18

26°

590
1845

CHAPMAN
25°07'N
71°31'W

24°

W. 9-72°

-GV16°E-

A18

~~ROLAND~~
~~25° 57' N~~
~~10° 35' W~~

B12

~~PAN~~

25-48 69-30.0

1127

0200
1810

A/C COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
GUNNOE		SCHISSEL		41 C	750930F		BEECHDA NOL	30 SEP 75	GLADYS
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION		LAT. LON. COR'N	POSITION	LAT. LON. COR'N	REMARKS
1819 25	32-21.4 64-39.7	4 10	1	32-21.7 64-39.5					
1852 52		2 10	1	30-49.8 65-47.2					215/108
1955 27		10	1	27-14.8 68-15.2					
2040 29		10	1	25-46.8 69-52.1			25-48 69-50		25-53.0 69-58.2
2148 17		10	1	25-57.9 69-52.0					6
2232 47		10	1	26-01.0 70-10.6					5
2258 50		10	1	24-12.7 70-05.2					
2318 46		10	1	26-15.4 70-15.0					6
2350 50		10	1	26-23.6 70-20.9					5
0155 56	25-48.2 80-17.6	1 10	1	25-47.0 80-17.2					

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)