

FLT ID: <u>1950826</u>	FM: <u>MCF</u>	TO: <u>TBPB</u>
FLT NO: <u>95-058</u>	BLK IN: <u>1556Z/2230Z</u>	ATA: <u>1554Z/2228Z</u>
ETD: <u>1500Z</u>	BLK OUT: <u>1456Z/1712Z</u>	ATD: <u>1506Z/1722Z</u>
ETE: <u>11</u>	BLK TIME: <u>1:00/5:18</u>	FLT TIME: <u>1:48/5:06</u>
SPONSOR ORG: <u>HRD</u>	PROGRAM: <u>HRCN. RESEARCH</u>	PURPOSE: <u>FERRY TO BARBADOS</u>

DAO PERSONNEL

T.S. IRIS

AC <u>KENNEDY</u>	SYS ENG
CP <u>PLAYER</u>	DATA SYS <u>LYNCH</u>
NAV <u>KOZAK</u>	RADAR
FE <u>BAST/MOORE</u>	BT/ODW <u>McMILLAN</u>
RADIO <u>SANS SOUFF</u>	CLD PHYS <u>PRADAS-BERGNES</u>
FD <u>DAMDAND</u>	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
<u>CLOSSER</u>	<u>MECH</u>	<u>AOC</u>
<u>McFADDEN</u>	<u>PROG MAN</u>	<u>AOC</u>
<u>MARKS</u>	<u>PT</u>	<u>HRD</u>
<u>KAPLAN</u>	<u>OBS</u>	}
<u>GRIFFIN</u>	<u>WORKSTATION</u>	
<u>FRANKLIN</u>	<u>ODW</u>	
<u>LEIGHTON</u>	<u>OBS</u>	

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP)
 T/O from MCF delayed due to weather. Stopped in Miami (OPF) to pick up HRD Folks.

TT3 > TT1 by .6°C

TT1 > TT2 by .5°C

700ms
11.9°C
7.4°C

During intercomparison used RA232

2153Z T.S. IRIS

1444.6

6108

at 445mb

Intercomparison
1741Z - 1746Z at 10K

175145 - 175645 1.5K

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 DROWF2 FILE

FLT ID: I950826 TIME OFF: 1506Z/1722Z TIME ON: 1554Z/2228Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1012.2/1013.5		1014.2/1002.7	

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

1

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

PMS

1

RXBT

RXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

NOAA • AOC • SED Flight Performance Log

Aircraft : N43RF

Project: Hurricane '95

Mission : Ferry to BarbadosSED Crew: Lynch, Pradas, McMillanFlight ID : 950826IPre-Flight: 1356ZTake-Off: 1506Landing: 22:27

System			Pre-Flight	In-Flight	Post-Flight		
NAV	INE #1 1356	Aligned to : 3			+3.4	+1.2	7
	INE #2 1356	Aligned to : 5			+10.1	-2.8	7
	GPS 1356				Lat	Long	GS
RADAR	Nose		✓ TL ①				
	L/F	R/T SN : 103	STM		Mod Switch Off ? ✓		
	Tail	R&T SN : 202/201	STM		Mod Switch Off ? ✓		
	ASAU's & RCU		STM				
	MARS Data System		STM		# DATs : 1		
PMS	2DG-C	Ch 1/64: 1	✓ JCPB	②			
	2DG-P	Ch 1/64: 1	✓ JCPB				
	FSSP	Ref VDC: 8.13	✓ JCPB				
	SEA Data System		✓ JCPB				# DATs : 1
TEMP		Cal High	Cal Low			Cal High	Cal Low
	Temp #1	+30.7	-30.3	+27.4 STM		✓	—
	Temp #2			27.3 ✓			
	Temp #3 (Starboard)			27.3 STM			
	Dewpoint #1			23.0 ✓ TL			
	Dewpoint #2			24.9 ✓ TL			
PRESS	Attack Angle (AP/DAP)		STM				
	Slip Angle (BP/DBP)		STM				
	Differential (PQ1/PQ2/PQ3)		STM				
	Absolute (PS1/PS2)		STM				
	Radome Transducers		Plugs Out? ✓				
FLTLVL	Cabin Transducer (Station 5)		STM				
	Apn-159	SN: 66-024	✓				
	Apn-232	SN: 1699	✓				
	King Liquid Water		NI				
	J&W Liquid Water		JCPB				
	Down PRT-5 (SST)		✓				
MISC	Side PRT-5 (CO ₂)		✓				
	RAMS Data System		✓	③			# DATs : 1 w/ copy
	ASDL		✓				
	Exterior Walk Around		JCPB				
	Video : (N) (L) (R) D		STM				
USE	AXBT		# on Board NY	# Dropped:		# Good	—
	ODW		# on Board : ✓	# Dropped :		# Good :	—
	FCU : A-B-C-D-		JCPB				
	Charge Probe		NY				Accelerometers
USE	Formvar		NY			#1 (2 G) :	8150
	Field Mills : (L) (R) (D) (D)		✓ TL			#2 (2.5 G) :	6684
	Lawrence Water Collector		NI			#3 (3 G) :	5967
	HRD Workstation		NY			#4 (3.5 G) :	2892

Please Note any Discrepancies

[illegible]

I950826

TIME	LAT	LOU	TRK	HD	WD	WS	PA	GA	TA	TD	SP	PS		PB
150800	2748	8230	92	99	218	33	554	612	22.5	22.0	1014.2	935.7	RWT	75.6
151600	2722	8220	185	188	242	13	3351	3536	8.7	3.7	1010.9	670.4	RWT	84.2
152700	2644	8151	128	130	222	7	2348	3543	9.0	2.9	1012.8	671.7	CLD BLW	79.5
153500	2622	8120	127	130	180	12	3338	3531	9.3	2.2	1011.6	675.7	CLD BLW	89.8
172500	2556	8005	63	69	180	15	1173	1301	20.9	15.4	1013.9	871.2	CLD S	63.0
173820	2555	7915	126	129	173	11	3034	3208	16.7	.7	1012.0	697.9	IN CLR	66.3
174100	Start intercomparison at 10K with N42RF													
174600	end													
175145	Start intercomparison at 1.5K													
175645	end intercomparison													
181000	2449	7732	121	122	102	8	5082	5410	-1.3	-13.5	1010.0	532.0	ABV CLD S	57.0
183100	2402	7606	120	118	58	17	6422	6826	-10.3	-23.1	1009.8	445.1	ABV CLD S	75.6
190900	2226	7304	122	121	47	12	6421	6814	-10.3	-23.9	1008.3	445.3	ABV CLD S	78.8
200400	2000	6851	121	120	32	11	6415	6799	-10.5	-24.3	1008.4	445.6	ABV CLD	75.6
204200	1815	6558	122	121	16	9	6414	6670	-9.7	-19.1	993.6	445.6	ABV CLD	77.0
210700	1703	6506	122	120	8	17	6415	6784	-9.3	-20.4	1003.1	445.6	BTN CLD	78.9
212800	1600	6233	118	116	16	20	6415	6777	-8.4	-22.8	999.6	445.6	BTN CLD	76.3
213400	1545	6207	120	116	34	23	6414	6775	-8.3	-22.8	997.6	445.7	BTN CLD	74.9
214000	1530	6139	121	117	37	25	6414	6766	-10.0	-14.3	1002.7	445.7	IN CLD	71.5
220200	1409	6047	124	127	252	20	6153	6456	-7.4	-11.0	1000.6	467.9	IN CLD	98.8
222000	1317	5443	145	152	199	28	977	989	21.4	17.9	1009.6	905.1	IN CLD	62.9

I950826

RENAV DNE2

TIME GAP 184211 — 184220

183000, +.7, +.3
193000, 2.1, -.5
203000, 4.7, -1.
213000, 8.6, -2.3
223000, 9.9, -2.9

TT1 fix
2204-2206
using TT3

~~TT1~~ TT

2135-2211 (TT2 dropping
out due to
freezing)

DAP OK

RA159 fix

172130 - 172330

222721 - 223000 (using RA232)

RA159 = RAAPS

21422 - 215700Z

DATE : 8/26/95

TO : Chief, AOC Flight Operations

FROM : Pilot/Flight Director, Aircraft

ON 2230Z BLOCKTIME

OFF ~~1456Z~~ 7:34
1456Z

SUBJECT: Hazardous Duty

PURPOSE OF FLIGHT: HURRICANE RESEARCH

Hazardous Duty Pay is required for flight made on 8/26/95
(DATE)

Request based on FLYING IN FORMATION
WITH NY2RF.

Personnel on board authorized Hazard Pay:

BAST

MOORE

DAMIANO

LYNCH

McMILLAN

PRADAS-BERNES

McFADDEN

CLOSSER

SANS SOUCI

PILOT/FLIGHT DIRECTOR:

A. Barry Damiano

APPROVED:

DISAPPROVED:

CHIEF, AOC FLIGHT OPERATIONS:



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Rockville, MD 20852-3019

OFFICE OF NOAA CORPS OPERATIONS

Aircraft Operations Center
P.O. Box 6829
Tampa, Florida 33608-0829

MEMORANDUM FOR: DR. HUGH WILLOUGHBY, ACTING DIR. HRD

FROM: CAPT George C. Player III, NOAA
Acting Director, Aircraft Operations Center

SUBJECT: Hazard Duty Flight

The mission flown on AOC aircraft # N43RF on 8/26/95
has been declared hazardous. The following personnel from you
laboratory participated in this mission.

MARKS FRANKLIN
KAPLAN LEIGHTON
GRIFFIN

For purposes of computing allowable hazard duty time, the hazard
period during this mission was from 1:30 pm local time on
8/26/95 until 6:30 pm on 8/26/95.



✓ 2000

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AIRCRAFT OPERATIONS CENTER