

19880908H1-FDIR

HURRICANE FLORENCE ODW MISSION

FLIGHT #1 880908H N42RF

TYPE OF DATA

SENSOR OR OPTION

INE	1
Accelerometer	1
Temperature probe	1
Altitude change option (for vertical winds)	RA
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO2885.CON

Notes:

There were several data gaps during the flight. These gaps occurred from

193801Z - 193820Z
194531Z - 194600Z
195211Z - 195230Z
200001Z - 200020Z
200241Z - 200300Z
211751Z - 211810Z
212901Z - 212910Z
012731Z - 012740Z
014851Z - 014910Z
015841Z - 015900Z

Several spikes in Rosemount static pressure were removed at 181900Z, 205700Z and 235330Z.

The TW1 parameter had a spike removed at 2102Z.

The TT1 parameter was fixed with respect to the TT2 parameter using the equation, $TT1 = TT2 + .5$ from 193701Z - 195300Z.

Other spikes in TT1 were patched over during the following time frames,

185701Z - 190500Z
013501Z - 014600Z
105801Z - 020600Z

PLEASE NOTE!!!! The heater for total temperature probe 2, TT2, was turned OFF the for entire flight.

The DBP parameter had numerous spikes removed during the following times,

213501Z - 215000Z
224201Z - 225500Z
232201Z - 233300Z
000000Z - 000500Z
010000Z - 010400Z
011900Z - 012300Z

Aircraft positions were renavigated with respect to good VOR fixes.
There was no LORAN available due to hardware problems.

	Take off -----	Landing -----
Aircraft static pressure	1013.5mb	1014.4mb
Corrected tower pressure	1013.1mb	1013.5mb

Flight meteorologist: A. BARRY DAMIANO

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: H880908 TIME OFF: 1746Z TIME ON: 0241Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	PS 1013.5 SP 1012.0	CALLAB 1013.0 TWR 1013.1/29.93	PS 1014.4 SP 1012.0	CALLM TWR 29.94/1013.5

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

9

HARD COPIES

AXBT

5

AXCP

ODW

25

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

183000 DVE FIX
191439 " "
214404 " "

heater of TT2 in prep TT2 > TT1 ??

195030 in prep/clouds 1830Z

4/F + TA Radar not working
at all

194030Z in prep TT2 > TT1

in clear TT1 > TT2

ALL 3 XBT's no signal - cause unknown

2102 Bal DPT

0020 20Z. more oil rig

PRM TECK acting up no
horizontal lines

0143Z check T's

2153 0155Z TBW 29.91/1012.5
902 0145Z SRA 29.86

T/O
1650Z
TR 89
TD 75

OVR
Bis Bay
SP 1012.9
2000 FT

LND
1500 FT
SP 1011.0

~~1746Z~~

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: H880908	FM: MIA	TO: MIA
FLT NO: 88-53	BLK IN: 0246	ATA: 0241
ETD: 1730Z	BLK OUT: 1738Z	RTD: 1746Z
ETE:	BLK TIME: 9:08	FLT TIME: 8:55
SPONSOR ORG: HRD	PROGRAM: SYNOPTIC FLOW	PURPOSE: HURRICANE RESEARCH FOR TS FLORENCE

OAO PERSONNEL

AC TURNER	SYS ENG DU GRANUT
CP ETLERS	DATA SYS HANCHETT
NAV NOKUTIS	RADAR
FE MOORE/WADE	BT/ODW ROLES
RADIO	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BURPEE		HRD
GAMACHE		{
DE MARIA		
KAPLAN		

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

1013.9 cal bar

DISK FILE

174001
024400

