

19880914H2.FD1A

HURRICANE GILBERT OCEANIC MISSION

FLIGHT #1 880914H N42RF

TYPE OF DATA -----	SENSOR OR OPTION -----
INE	2
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	CO2886.CON

Notes:

IMPORTANT!!!! The date on the standard tape is INCORRECT. This flight DID take place on Wednesday, Sept. 14, 1988.

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

172551Z - 172620Z
172721Z - 172750Z

Numerous spikes in Rosemount static pressure were removed at or between the following times,

181500Z
182200Z - 182900Z
183300Z
183830Z
190700Z
192601Z - 193100Z
194230Z
195000Z - 195500Z
200200Z
204000Z
205030Z
211501Z - 212100Z
213100Z
214400Z
230700Z
231930Z
000000Z - 000500Z
002200Z - 002900Z
003501Z - 004400Z
005900Z
010800Z - 012000Z
013800Z

The slip pressure, BP, had spikes removed between

192000Z - 192300Z

The dynamic slip pressure, DBP, had spikes removed at

192001Z - 194500Z
195901Z - 200300Z
202801Z - 203200Z
205501Z - 210300Z
212601Z - 212900Z
215101Z - 215400Z
220501Z - 221000Z
222901Z - 223200Z
225601Z - 225900Z
001301Z - 001600Z
002801Z - 003200Z

Aircraft positions were not renavigated. INE 2 was omega aided and its' positions were within four nautical miles of good VOR fixes and LORAN-C positions.

	Take off -----	Landing -----
Aircraft static pressure	1013.1mb	1014.8mb
Corrected tower pressure	1013.2mb	1013.6mb

Flight meteorologist: A. BARRY DAMIANO

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

FLT ID: # 880914H2	FM: MFA	TO: MFA
FLT NO: 88-58	BLK IN: 0202Z	ATA: 0159Z
ETD: 1700Z	BLK OUT: 1701Z	ATD: 1715Z
ETE:	BLK TIME: 9:01	FLT TIME: 8:45
SPONSOR ORG: HRD	PROGRAM: HURRICANE RESEARCH	PURPOSE: OCEANIC BOUNDARY STUDY

OAO PERSONNEL

AC GUNNOE	SYS ENG JARVI
CP TURNER	DATA SYS THOMPSON
NAV GERTSH	RADAR
FE RICCI/WADE	BT/ODW ROJAS
RADIO	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BLACK, P	PI	HRD
POWELL, M		
SHAY, N		

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

KEYW ALT 29.86 1745Z

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OROWF2 FILE

FLT ID: *H880914* TIME OFF: *1715Z* TIME ON: *0159Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>PS 1013.1</i> <i>SP 22 at T/O</i>	<i>CAL LAB 1013.4</i> <i>TWR 29.94/1013.5</i>	<i>PS 1014.8</i> <i>SP 1016.5</i>	<i>CAL LAB 1013.8</i> <i>TWR 29.93/1013.2</i>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	<i>1</i>	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
AXBT	<i>37</i>	<i>31 good</i>
AXCP	<i>6</i>	<i>2 good</i>
ODW		

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

182 fix 20.9
87.9
PS spiky affety WZ + SP noticed first
with no HF comm 2100Z
spikes 1-1.5 mb. (up) 00Z chud
005920 PSR+PL
XBT goes first
Started 10 second print rate
: 210620Z
210601 - 001300
004300 PQR1 spike ??
PQR went out after 00Z

21.3
88.8

3650
9100
10220

150
100
100

T/O
2500 FT
out BB
SP 1013.5

LND
3000 FT
our Excludes
1012.8 SP
1500 FT
1012.8