

19880915I1-FDIR

Hurricane Research/Recco 1988

880915I1 H. Gilbert Long Term Monitoring (N43RF)

TYPE OF DATA

SENSOR OR OPTION

INE	2
Accelerometer	2
Temperature probe	1
Altitude change option (for vertical winds)	RA
Static pressure	Rosemount (fuselage)
Dynamic pressure	Rosemount (fuselage)
Time source	Micro 29
Constants file	C03883.CON

Notes:

Fixed a large data spike in Total Temperature 1 after landing.

Took out several data spikes in Slip Pressure (BP) at about 1100Z.

	Take Off	Landing
Aircraft Static Pressure	1014.5 mb	1015.3 mb
Corrected Tower Pressure	1013.9 mb	1016.2 mb

Jack Parrish

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TITLE (MAX 21 CHARACTERS) -- EX HURRICANE PAINE
H. Gilbert L.T.M.
YYMMDD FLIGHT ID
88091511
HHMMSS START TIME, -99999 TO DEFAULT TO BEGINNING OF DATA
093031
HHMMSS END TIME, 999999 TO DEFAULT TO END OF DATA
185200
HHMMSS TAKE OFF TIME
094100
FLIGHT DATA FILE NAME EX I860724.DAT (FOR DISK READ ONLY)
I880915.DAT
* NUMBER OF TAPE (I2)
01
* -----LOGICAL UNIT OF INPUT DATA (I1) 1 = DISK READ
1
* -----LOGICAL UNIT OF OUTPUT TAPE (I1)
8
* -----LOGICAL UNIT OF PRINTER (I1)
6
* -----TODAY'S DATE (MMDDY)
11078
* -----DATE OF PROGRAM (MMDDY)
10157
* -----STATIC PRESSURE PROBE (I1)
* 1 = PSG
* 2 = PSR
2
* -----DYNAMIC PRESSURE PROBE (I1)
* 0 = PQG 4 = FUTURE USE
* 1 = PQR1 5 = FUTURE USE
* 2 = PQR2 6 = FUTURE USE
* 3 = PQR3 7 = FUTURE USE
1
* -----INE NUMBER (I1)
* 1 = INE 1
* 2 = INE 2
* 3 = OMEGA
2
* -----ACCELEROMETER (I1)
2
* -----TEMPERATURE PROBE (I1)
1
* -----PRESSURE OPTION (I1) - FOR VERTICAL WIND COMPUTATION
* 0 = PRESSURE ALTITUDE (OVER LAND)
* 1 = RADAR ALTITUDE (OVER WATER)
1
* -----PRINTOUT RATE, SECONDS (I2)
10
* -----WINDSPEED/DIRECTION RUNNING AVERAGE TIME, SECONDS (I2)
10
* -----TIME OPTION (I1)
* 1 = MICRO 29
* 2 = TIME BASED GENERATOR #1
* 3 = TIME BASED GENERATOR #2
1
* -----NAME OF CONSTANTS FILE EX C03863.DAT
C03883.CON
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FLT ID: 880915I1	FM: KMIA	TO: KMIA
FLT NO: 88-58	BLK IN: 1852	ATA: 1848
ETD: 09Z	BLK OUT: 0930Z	ATD: 0941
ETE: 9.5	BLK TIME: 9:22	FLT TIME: 9:07
SPONSOR ORG: HRD	PROGRAM: Long Term Monit	PURPOSE: Gilbert

DAO PERSONNEL

AC Eilers	SYS ENG Schricker ✓
CP London ✓	DATA SYS Lynch ✓
NAV Roberts ✓	RADAR Leno ✓
FE Kirkpatrick ✓	BT/ODW Laise ✓
RADIO	CLD PHYS
FD Rorick ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Willoughby, H. ✓	P.I.	HRD
Dorst, W. ✓		HRD
Fewer, S. ✓		HRD
Abraham, ✓		HRD
St Germain		U Mass
Collins, P. ✓	Visitor	ABC
Vivancos, A. ✓	"	ABC
Rick Mipkin ✓		

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

MN 1612A 220, 92W → wave
 FIX 1224Z - 950mb - FLT WDD 095/83KT
 FIX 1346Z - 950mb - FLT WDD 180/85KT
 FIX 1500Z - 952mb - FLT WDD N/A (Fix not transmitted)
 FIX 1607Z - 953mb - FLT WDD 045/88KT
 Flew pattern mostly as planned - 4 penetrations.

FLT ID:		TIME OFF:		TIME ON:	
	A/C T/O	WX STN	A/C LAND	WX STN	
PRESSURE					
NO DATA DISPOSITION/DATE/QUALITY					
1/SEC FLT LVL TAPES					
FAST FLT LVL TAPES					
RADAR TAPES					
DOPPLER TAPES					
ODW CASSETTES					
HARD COPIES					
AXBT					
AXCP					
ODW					
PHOTOGRAPHY					
	FWD	LS	RS	VERT	
ON					
OFF					
RATE					
REMARKS					