

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

FLT ID: 960825H	FM: MCF/OPF	TO: OPE/TISX
FLT NO:	BLK IN: 1941	ATA: 1503/1937
ETD: 1400/	BLK OUT: 1404/1605	ATD: 1413/1609
EYE: 0+45/	BLK TIME:	FLT TIME:
SPONSOR ORG: NOAA	PROGRAM: HRD	PURPOSE: Hurricane Research

OAO PERSONNEL

AC MCKIM ✓	SYS ENG MCMILLAN ✓
CP TAGGART ✓	DATA SYS
NAV STRONG #10 ✓	RADAR DEGGADO ✓
EA TORREY/WADE ✓	BT/ODW BARR ✓
RADIO	CLD PHYS
FD WHITE ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
31 KINNEY ✓	*	AOC
MCNERNEY #20 ✓		1
DONNELLY, J ✓	UMASS	UMASS
McFADDEN, JL		
BLACK, P ✓		
CANDSEAC ✓		
BRACKEN, E ✓		
47 ABERSON, S ✓		

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

30.09 ~ 1018.6

TISX 17.7 64.8

DPTD OPE AT 25/1610 .ETA TISX 125/1940Z

LAST REPORT OBS 01 THRU - TO KWBC.

29.95 ~ 1014.2 ETA TISX 25/1940Z

060/12 32/27 29.92

960825H

Time	TA	ID	WD	WS	Remarks
1357					ENG
1404					BLK
1413	26.0	20.2	260	1	T/O
1503					LND
1602					ENG
1608					BTR
1609	24.2	21.8	060	6	T/O
1700	11.5	23.1	198	9.3	21K
1832	11.1	42.5	034	6.1	21K
1937					LND
1941					BLK

HRD TRANSIT/ST CROIX

FLIGHT #1 H960825

TYPE OF DATA -----	SENSOR OR OPTION -----
INE	1
Accelerometer	1
Temperature probe	1
Altitude change option (for vertical winds)	RA159
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 99
Constants file	CO2964.CON

Notes:

There were five time/data gaps: 1647:21 1647:40 1727:07
1841:31 1841:50

The RA159 was replaced with the RA232 or the GPS for the following time periods:

1608:00 - 1611:00
1908:00 - 1917:00
1936:00 - 1938:00

SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	Takeoff -----	Landing -----
Aircraft static pressure	1017.5mb	1011.5mb
Corrected tower pressure	unknown	unknown

Flight Meteorologist: Sean White: (813) 828-3310 ext. 3072

960825H

START: 1605:01
END: 1938:00

BAD BLOCKS

1647:21
47:46

1727:07

1841:31
:50

RA 159 w 232

1608:00 - 1611:00

RA 159 w GPS+20

1908:00 - 1917:00

RA 159 w/ 232

1936:00 - 1938:00

NO REMAIN

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TITLE (MAX 21 CHARACTERS) -- EX HURRICANE PAINE
HRD TRANSIT/ST CROIX
YYMMDDL FLT I.D.
960825H
HHMMSS START TIME -99999 DEFAULT TO START OF DATA FOR PRINTOUT ONLY
160501
HHMMSS END TIME 999999 DEFAULT TO END OF DATA FOR PRINTOUT ONLY
193800
HHMMSS TAKE OFF TIME
160900
* NUMBER OF TAPES (I2) ...FOR STANDARD TAPE OUTPUT ONLY
1
* -----LOGICAL UNIT OF INPUT DATA (I1) 5, 8 OR 9 FOR TAPE DRIVE
9
* -----LOGICAL UNIT OF OUTPUT TAPE DRIVE (I1) [FOR STANDARD TAPE ONLY]
9
* -----LOGICAL UNIT OF PRINTER (I1)
6
* -----DATE OF PROGRAM (MMDDY)
06094
* -----STATIC PRESSURE PROBE (I1)
* 1 = PSW (WINGTIP)
* 2 = PSF (CO-PILOT/FUSELAGE)
* 3 = FUTURE USE
2
* -----DYNAMIC PRESSURE PROBE (I1)
* 0 = PQW(WINGTIP)
* 1 = PQF1 (FUSELAGE 1281)
* 2 = PQF2 (FUSELAGE 1221)
* 3 =FUTURE US
1
* -----INE SELECTION (I1)
* 1 = INE 1
* 2 = INE 2
1
* -----ACCELEROMETER (I1) - USUALLY THE SAME AS YOUR INE SELECTION
1
* ----- TOTAL TEMPERATURE PROBE (I1) [1 OR 2]
1
* ----- DEWPONT TEMPERATURE PROBE (I1) [1 OR 2]
1
* -----ALTIMETER OPTION (I1) - FOR VERTICAL WIND COMPUTATION
* 0 = PRESSURE ALTITUDE (OVER LAND)
* 1 = RADAR ALTITUDE APN-159 (OVER WATER)
* 2 = RADAR ALTITUDE APN-232 (OVER WATER)
1
* -----PRINTOUT RATE SECONDS (I2)
10
* -----WINDSPEED/DIRECTION RUNNING AVERAGE TIME, SECONDS (I2).
! FOR STANDARD TAPE OUTPUT ONLY
10
* -----TIME OPTION (I1)
* 1 = MICRO 29
* 2 = TIME BASED GENERATOR #1
* 3 = TIME BASED GENEATOR #2
1
* -----NAME OF CONSTANTS FILE EX C03863.CON
CO2964.CON
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