## Hurricane 1999 Hurricane Dennis Landfall/Canceled

## Flight #6: 990830H

Sensor or system	Number or Name
INE	1
Accelerometer	1
Temperature Probe	2
Dew Point Probe	1
Altitude (for vertical wind)	Pressure Altitude
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2991.CON

Notes:

The radar altimeter (RA159) had a spike at takeoff and was replaced by RA232 from 1745:01-1754:16. RA-159 was turned off 1956:01-2106:00. RA-232 was turned off 1958:30-2103:00 and was replaced by RA-GPS with an offset of +7.5 from 1942:30-2103:30. RA-159 was replaced by RA-232 with an offset of +9.0 from 2111:01-2114:31. A spike also occurred at landing and RA159 was replaced by RA232 (2121:01-2136:00).

Dewpoint (DW1) was replaced by DW2 from 1745:01-1822:44. Dewpoint (DW1) exceeded ambient temperature (AT1) a few times due to heavy precipitation.

Total temperature (TT2) was replaced by TT1 due to dropouts from 1807:01-1816:10 with an offset of +0.30.

	<b>Takeoff</b>	Landing
Aircraft static pressure	1011.6	1009.5
Corrected tower pressure	1012.5	1011.2

The aircraft INE positions were renavigated with respect to GPS.

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.

Flight Meteorologist: Stan Czyzyk, (813) 828-3310 ext. 3086

U.S. DEPT. COMM. - NORA-ORO - DATA SECTION WORK FORM NO.1 DADWE1 FILD FLT 10: 990830H FM: KMCF TO: KMLF FLT NO: 99-018 BLK IN: 21392 ATA: 21312 ETD: 17362 DLK OUT: 17387 RTD: 17512 ETE: 03002 BLK TIME: 4'0/ 4.0 FLT TIME: 3.40 3.7 SPONSOR ORG: NOAA PROGRAM: HRD. PURPOSE: HURR DENMS LONDFALL DAD PERSONNEL AC TENNESEN ID 1. No. 10 34 10 SYS ENG MCMILLAN, SV CP KENUL, P DATA SYS NAV NEWMAN CL RADAR BTODW HORNBROOK, C/ Hi 1 RADIO ROGERS, M-CLD PHYS FD CZYZYK DOPPLER PARTICIPATING SCIENTIST/VISITORS/0A0 LAST, FIRST NAME ACTIVITY ON A/C AFFILIATION HOUSTON, S P1 HRD BLACK MTMARKS. F-SCIENTIST ABERSON EIGHTON. 11-11 11 11 10-11 (SCAT\_KUSCOT UMALS JUHNSON, N MEDIA PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #) HILL ALL RADARS & RADAR ALT 1955-ZOOSZ FOR FUEL OWN P TAMPA TRIB.

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142RF Project: Hurricane 99 Flight ID: 990830 H

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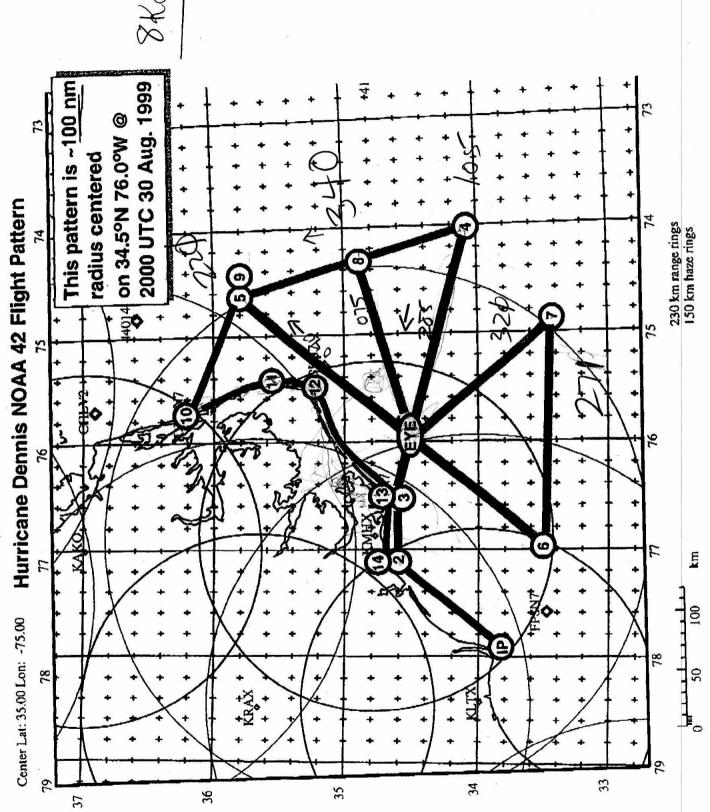
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