HURRICANE BONNIE (AIR-SEA INTERACTION, MCF-MCF)

Flight 4   980824I   N43RF

DATA TYPE	SENSOR or OPTION
INE	1
Accelerometer	1
Temperature Probe	1
Altitude (for vertical wind)	RA APN-159
Static Pressure	Fuselage
Dynamic Pressure	Fuselage
Dewpoint Probe	2

Notes:

Aircraft INE #1 positions were renavigated with respect to GPS.

APN-159 radar altimeter spikes before take off and after landing were removed and patched with APN-232 altitudes.

During significant periods following 0115Z, the APN-159 RA source failed. During these periods, it was replaced by APN 232 + 13m (the mean difference between the APN 159 and APN 232 sources noted before the failure period).

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

	Takeoff	Landing
Aircraft static pressure	1011.8 mb	1010.7 mb
Corrected tower pressure	1012.5 mb	***** mb

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