

19940925I1-FDIR

940925I N43RF HURRICANE OLIVIA HRD RESEARCH

<u>Sensor or system</u>	<u>Number or Name</u>
INE	1 (See note)
Accelerometer	1
Temperature Probe	1
Dew Point Probe	1
Altimeter	APN-232
Altitude change option (for vertical winds)	RA
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 29
Constants File	CO3943.CON

Notes:

INE 1 positions were corrected every hour during the ferries, and about every 40 minutes while in the storm, using good GPS positions. No corrections were made to INE 1 groundspeeds. INE 2 was used for cockpit attitude instruments only, and provides no position or groundspeed information on the Type 4 record.

The primary General Eastern Dewpointer (TW1) fluctuated wildly at times in the storm, probably due to water ingestion, and was patched with an offset TW2 source. These patches were placed between 2105Z-2150Z, and 0000Z-0125Z.

	<u>Aircraft</u>	<u>Tower</u>
Takeoff surface pressure	1009.9 mb	1010.5 mb
Landing surface pressure	1007.7 mb	

Jack Parrish, Flight Director