

14900827I1-FDIR

HURRICANE GUSTAV LONG TERM MONITORING (HRD)

900827I N43RF

TYPE OF DATA

SENSOR OR OPTION

INE	1
Accelerometer	1
Temperature probe	1
Altitude change option (for vertical winds)	RA (APN-232)
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO3901.CON

Notes:

INE#1 was re-navigated using four fixes (island overflight) after takeoff, at 1346z, 1413z, 1435z, 2242z, and the terminal correction at 2312z. No Loran was available for the flight.

The APN-159 radar altimeter was bad the whole flight.

Accelerometer #2 was inop for the flight.

The Side Radiometer (RS) drifts gradually cold when at high altitude. It may have some use at the 5000 foot level.

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.

	Take off -----	Landing -----
Aircraft static pressure	1013.7mb	1012.0mb
Corrected tower pressure	1013.0mb	1011.9mb

Jack Parrish, Flight Director