

# 19890921I1 - FDIR

890921I N43RF HURRICANE HUGO RECCO (Landfall)

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TYPE OF DATA

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SENSOR OR OPTION

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INE	2
Accelerometer	2
Temperature probe	1
Altitude change option (for vertical winds)	RA
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	C03893.CON

Notes:

This mission was flown at 12000 feet instead of the desired 10000 feet because of Air Force reconnaissance at the time. The desired rotating four pattern was cancelled enroute due to an NHC/CARCAH request to fly radials exclusively ahead of the storm track.

A Dewpoint calibration spike is patched from 2220z to 222330z. However, the oscillation seen in TD from the patch to about 2231z shows the instrument unable to properly balance, and only the average value during this period should be considered representative of the environment.

INE1 was selected for the real-time data, and is used for positions on the backend printout and ASDL until 0240z, when all systems were switched to INE2. Vortex fixes were corrected in realtime.

ODW drops were made in penetrations 1, 2, 4, and 5.

The aircraft positions were re-navigated with respect to the terminal positions at takeoff and landing, and four intermediate VOR/DME fixes at 2355z, 002215z, 010650z, and 0325z. Loran positions appear reasonable until about 0341z, then were out the rest of the flight.

	Take off	Landing
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Aircraft static pressure	1008.4mb	1011.3mb
Corrected tower pressure	1006.5mb	1010.5

Jack Parrish, Flight Director