

19980921II-FDIR

HURRICANE GEORGES (SYNOPTIC FLOW, BARBADOS-OPA LOCKA)

Flight 2 980921I N43RF

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

Notes:

Aircraft INE #2 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.

At 184930z, JW Liquid water spikes positive close to 1 gm/kg. However, at the same time the Down Radiometer drops from 22C to 2C, indicating the aircraft encountered a dense cloud.

TA1 patched with corrected TA2 from 0204Z - 0207Z.

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	1012.8 mb	1015.1 mb
Corrected tower pressure	1013.0 mb	1014.5 mb

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