

19980917H1-FDIR

## C-Scat Test Flight

Flight #1 H980917

<u>Sensor or system</u>	<u>Number or Name</u>
INE	2
Accelerometer	2
Temperature Probe	2
Dew Point Probe	2
Altitude (for vertical wind)	RA-159
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2989.CON

### Notes:

The radar altimeter (RA159) had a spike at takeoff and was set to zero from 1759:05-1759:16. The radar altimeter had two spikes removed and patched 2006:45-2007:00 and 2010:10-2010:30. A spike also occurred at landing and RA159 was replaced set to zero from 2017:24-2021:00.

Dewpoint (DW2) exceeded ambient temperature (AT2) at times due to heavy precipitation.

	<u>Takeoff</u>	<u>Landing</u>
Aircraft static pressure	1012.5	1010.1
Corrected tower pressure	1013.2	1011.5

The aircraft INE positions were renavigated with respect to GPS.

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.  
It is recommended that these values be used for vertical wind analysis.

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