

NOAA43 Flight QC Summary

PECAN Flight 2

Flight ID: 20150620I1

Sensor or System	Number or Name
INE (for wind derivation)	INE1
Accelerometer	AccZfilterI-GPS.1
Temperature Probe	TTM.1
Dew Point Probe	TDM.1
Static Pressure	PSM.2
Dynamic Pressure	PQM.2
Altimeter (for vertical winds)	ALTGPS.2 (RINU GPS)
Project Directory	/acdata/2015/MET/20150620I1

Notes:

There was a data gap 22:23:30 - 22:24:36. This was well before take off time.

Wind speed errors indicated 045950-045956Z. Removed with statistical filter. Replaced as variables WS.dX and in file 20150620I1_AXC.nc

TTM.1 likely too high during the period 064545-065130Z.

All other instruments worked optimally.

Note: The variables DPJ_GSZ, DPJ_ASZ, and DPJ_WSZ in the netCDF file represent vertical ground speed, vertical air speed, and vertical wind speed, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

Times:

Block Out: 0050Z	Take Off: 0059Z
Block In: 0909Z	Land: 0906Z
Block Time: 8.3 hrs	Flight Time: 8.1 hrs

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