N43RF ERROR SUMMARY
PECAN F (#6)
9 July 2015

Flight ID: 20150709I1

Sensor or system	Number or Name
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1
Flight Directory	acdata/2015/MET/20150709I1

Local Met Data:	Takeoff (0029Z)	Landing (0733Z)
Aircraft Static Pressure	968.9 mb	971.0 mb
Tower Pressure (corrected)	966.8mb	969.0 mb

Notes:

The Filtered Vertical Acceleration (AccZfilterI-GPS.1 and .2 each had 5 one second gaps between 06:00:13Z and 06:18:59Z. AccZfilterI-GPS.1 was used as the source. The uncorrected Novatel altimeter (AltGPS.4) had some anomalous spikes and 34 one second gaps between 01:53:01Z and 06:32:02Z. Note, AltGPS.3 performed well and was used as source altimeter for this mission. The UWZ (vertical motion) parameter has 5 one second gaps between 06:00:13Z and 06:15:50Z.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

SPECIAL NOTE!!! The variable names dpj_wgs, dpj_was, and dpj_wz in the netCDF file represent vertical ground, vertical air, and vertical wind speeds respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	0	0	0
AXBT	0	0	0
Test Sondes	0	0	0

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