N43RF ERROR SUMMARY
TBPB – TBPB TS Erika
25 AUG 2015

Flight ID: 20150825I1

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.2X
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.1
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/20150825I1

Local Met Data:	Takeoff (1749Z)	Landing (0020Z)
Aircraft Static Pressure	1005.6 mb	1004.8 mb
Tower Pressure (corrected)	1004.8 mb	1004.8 mb

Notes:

Measured dynamic pressure, PQM.1, recorded a spike from 234033Z – 234054Z. The data from this sensor is not used in calculating any meteorological variables.

The Edgetech Total Dewpoint sensor, TDM.2, recorded erroneous data from 233438Z-233820Z. During this time frame, recorded data from the Buck Total Dewpoin sensor, TDM.1, was substituted to compute meteorological parameters.

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	19	19	19
AXBT	0	0	0
Test Sondes	0	0	0

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