N43RF ERROR SUMMARY
SFMR Calibration Flight
12 August 2015

Flight ID: 20150812I2

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/20150012I2

Local Met Data:	Takeoff (1032Z)	Landing (1429Z)
Aircraft Static Pressure	1015.9 mb	1016.4 mb
Tower Pressure (corrected)	1015.4 mb	1015.9 mb

Notes:

The corrected Novatel altimeter was used as the source for this mission and while the uncorrected Novatel altimeter (AltGPS.4) had 15 one second gaps between 11:01:57Z and 13:25:27Z, no anomalous spike were observed. TDM.1 (Buck) generated unrealistic values after 11:12:00Z, but TDM.2 (Edgetech) was representative throughout the mission and was therefore used as the source dewpoint sensor for the mission.

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	3	3	0
AXBT	1	1	0
Test Sondes	0	0	0

Flight Director: *Mike Holmes*
Phone #:   *(813) 828-4621*