



# N43RF ERROR SUMMARY

## SONGNEX

07 April 2015



**Flight ID: 20150407I1**

Sensor or system

Static Pressure Probe  
Dynamic Pressure Probe  
Total Temperature Probe  
Dewpoint Temp. Probe  
Vertical Accelerometer  
Altimeter  
INE Selection  
Differential Attack Pressure Probe  
Differential Sideslip Pressure Probe  
Dynamic Attack Pressure Probe  
Dynamic Sideslip Pressure Probe  
Flight Directory

Number or Name

PSM.2  
PQM.2  
TTM.1  
TDM.1X  
AccZfilterI-GPS.1  
AltGPS.3  
1  
PDALPHA.1  
PDBETA.1  
PQALPHA.1  
PQBETA.1  
acdata/2015/MET/20150407I1

Local Met Data:

Aircraft Static Pressure  
Tower Pressure (corrected)

Takeoff (1559Z)

999.7 mb  
996.7 mb

Landing (2256Z)

997.7 mb  
994.1 mb

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Notes:

The Buck dewpoint (TDM.1) sensor was used as the source dewpoint sensor for this mission, but did have three unrepresentative spikes in data between 19:43:47 and 19:44:12, 21:35:48Z and 21:36:14Z, and 22:31:17Z and 22:31:40Z. These spikes produced unrealistic values for RH during these periods. TDM.2(Edgetech) was representative and was substituted in place of TDM.1

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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Flight Director:  
Phone #:

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