



N43RF ERROR SUMMARY

SONGNEX

20 April 2015



Flight ID: 20150420I1

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.2
AccZfilterI-GPS.1
AltGPS.3
1
PDALPHA.1
PDBETA.1
PQALPHA.1
PQBETA.1
acdata/2015/MET/20150420I1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (1545Z)

825.9 mb
824.4 mb

Landing (2241Z)

824.1 mb
821.6 mb

Notes:

The Buck dewpoint (TDM.1) sensor was not used as the source dewpoint sensor for this mission because it appeared to be unusually noisy. TDM.2 (Edgetech) did not have the same amount of noise in the signal and appeared representative throughout the flight. It was used as the primary dewpoint sensor throughout the mission. AltGPS.3 (Novatel) was used as the primary altimeter source and it along with all of the other instruments performed nominally during 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	0	0	0
AXBT	0	0	0
Test Sondes	0	0	0

Flight Director:
Phone #:

Mike Holmes
(813) 828-4621