



N43RF ERROR SUMMARY

TS Danny 0704A TBPB-TBPB

24 August 2015



Flight ID: 20150824I1

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 (Edgetech)
AccZfilterI-GPS.1
AltGPS.3
INE1
PDALPHA.1
PDBETA.1
PQALPHA.1
PQBETA.1
acdata/MET/2015/20150824I1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (0604Z)

1005.6 mb
1004.9 mb

Landing (0937Z)

1005.9 mb
1005.9 mb

Notes:

Both the Buck dewpoint sensor (TDM.1) and the Edgetech (TDM.2) performed well throughout the mission. TDM.2 was used as the source dewpoint sensor and ALTGPS.3 (Novatel) was used as the altimeter source for calculations.

The Pro Sensing SFMR surface wind speed values are suspect through much of the mission (with a “ceiling” of approx 7 meters per second). After the flight, the PS processor box was swapped out. The values for the AOC SFMR surface wind speed algorithm have a reasonable amount of natural variability and appear to be valid.

There were no data gaps and all other sensors performed well throughout the mission.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	5	5	5
AXBT	0	0	0

Flight Director:
Phone #:

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