



N42RF ERROR SUMMARY

TS Ingrid 2013

14 September 2013



Flight ID: 20130914H1

Sensor or system

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

Number or Name

PSM.2
PQM.2
TTM.1
TDM.1X
AccZfilterI-GPS.1
AltIGPS.3
INE 1
acdata/MET/2013/20130914H1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (0611Z)

1012.1mb
1010.8mb

Landing (1407Z)

1012.8mb
1013.0mb

Notes:

There were no data gaps.

The measured Dewpoint Temperature from the Buck sensor (TDM.1) recorded erroneous values during the following timeframe.
062046Z – 073240Z

The values from TDM.1 were replaced with values from the measured Dewpoint Temperature from the Edgetech sensor (TDM.1) during the aforementioned timeframe.

During the flight there were instances during heavy precipitation where the calculated ambient dewpoint temperature exceeded the calculated ambient temperature resulting in relative humidity values greater than 100%.

SPECIAL NOTE!!! The variable names DPJ_GSZ, DPJ_ASZ and DPJ_WSZ in the netCDF file represent vertical ground speeds, vertical air speeds 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	11	0	11
AXBT	?	?	10

Flight Director:
Phone #:

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