N42RF ERROR SUMMARY
TS KAREN 2013
04 October 2013
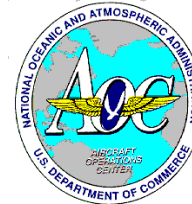
Flight ID: 20131004I1

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.2X
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltIGPS.3
INE Selection	INE 1
Flight Directory	acdata/MET/2013/20131004I1

Local Met Data:	Takeoff (0558Z)	Landing (1344Z)
Aircraft Static Pressure	1016.9mb	1018.4mb
Tower Pressure (corrected)	1017.0mb	1018.7mb

Notes:
There were no data gaps.

The measured Dewpoint Temperature from the EdgeTech sensor (TDM.2) recorded erroneous values during the following timeframes.
120000Z – 120010Z
120711Z – 120719Z

The values from TDM.2 were replaced with values from the measured Dewpoint Temperature from the Buck sensor (TDM.1).

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	20	20	20
AXBT	9	9	9

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