



# N42RF ERROR SUMMARY

## SENEX 2013 KMQY

26 June 2013



**Flight ID: 20130626H1**

<u>Sensor or system</u>	<u>Number or Name</u>
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltIGPS.1
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1
Flight Directory	acdata/MET/2013/20130626H1

  

Local Met Data:	<u>Takeoff</u> (1457Z)	<u>Landing</u> (2036Z)
Aircraft Static Pressure	999.2mb	995.2mb
Tower Pressure (corrected)	997.2mb	993.6mb

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**Notes:**

All AOC instruments worked properly

After the aircraft returned to MacDill AFB, a few instruments that were installed on N42RF were removed and calibrated in the AOC calibration laboratory. The final Quality Control data sets use the post project calibration coefficients for determining the output of the instruments.

The following parameters that have been updated from the original data set follow.

PDALPHA.2 - Radome Attack Differential Pressure Measured  
PDBETA.2 - Radome Sideslip Differential Pressure Measured  
PDALPHA.1 - Fuselage Attack Differential Pressure Measured  
PQALPHA.1 - Fuselage Attack Dynamic Pressure Measured  
PDBETA.1 - Fuselage Sideslip Differential Pressure Measured  
PQBETA.1 - Fuselage Attack Dynamic Pressure Measured  
PQM.3 - Measured Fuselage Dynamic Pressure, Two Sources --co-pilot  
PQM.4 - Radome Dynamic Pressure Measured  
TTM.1 - Measured Total Temperature Degree  
TTM.2 - Measured Total Temperature Degree

Any derived value using the outputs from the measured parameters listed above have changed slightly from the values measured in real-time.

See SENEX\_READ\_ME.txt for file information.

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