



# N43RF ERROR SUMMARY

## *Repo KMCF to KHRL*

### *20 October 2015*



**Flight ID: 20151020I1**

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/20151020I1

Local Met Data:

Aircraft Static Pressure  
Tower Pressure (corrected)

Takeoff - KMCF (1750Z)

NA (see note) mb  
NA (see note) mb

Landing – KHRL (2038Z)

1013.2 mb  
1014.0 mb

Notes:

During the transit to Harlingen, TX the aircraft data system needed to be restarted (~18:28:39Z). Regrettably, following the restart, the data collected prior to that time was lost.

All instruments performed nominally.

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*