

N49RF ERROR SUMMARY August 01, 2015 REPO KMCF - KLGB



Flight ID: 20150801N1

| Sensor or system | Number or Name |
|--------------------------------------|----------------------------|
| Static Pressure Probe | PSM.2 |
| Dynamic Pressure Probe | PQM.2 |
| Total Temperature Probe | TTM.4 |
| Dewpoint Temp. Probe | TDM.2 |
| Vertical Accelerometer | AccZ.1 |
| Altimeter | AltGPS.3 |
| INE Selection | INE 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/2015/MET/2015080111 |

| Local Met Data: | Takeoff (1703Z) | Landing (2129Z) |
|----------------------------|-----------------|-----------------|
| Aircraft Static Pressure | 1013.8 mb | 1008.1 mb |
| Tower Pressure (corrected) | 1014.7 mb | 1010.6 mb |

Notes:

The Radar Altimeter (AltRa.1) has occasional drop outs in the data. It was not used to derive any parameter.

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 | 1 | 1 | 1 |
| AXBT | 0 | 0 | 0 |
| Test Sondes | 0 | 0 | 0 |