**Flight ID: 20130729I1**

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.1

Vertical Accelerometer AccZI.1

Altimeter ALTGPS.3

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/2013/20130729I1

Local Met Data: Takeoff (1658Z) Landing (1925Z)

Aircraft Static Pressure 1020.5mb 1017.3mb

Tower Pressure (corrected) 1020mb 1019.3mb

Notes:

For two short periods prior to takeoff and after landing at MacDill AFB (KMCF) the selected altitude source ALTGPS.3 (Novatel) failed to capture data. Specifically, these data gaps occurred between 16:38:28 through 16:39: 31 and 19:29:56 through 19:30:58. The remainder of the data feed from the Novatel instrument was continuous throughout the mission and consistent with the other altitude sources. Therefore, the Novatel instrument was used as the selected altitude source for the entire mission.

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 |
| CTD | 0 | 0 | 0 |