N49RF ERROR SUMMARY
AVAPS / sonde test KMCF-KMCF
16 October 2015

Flight ID: 20151016N1

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.1
Vertical Accelerometer	AccZI-GPS.1
Altimeter	AltGPS.3
INE Selection	INE1
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/2015/20151016N1

Local Met Data:	Takeoff (1534Z)	Landing (1720Z)
Aircraft Static Pressure	1018.9 mb	1016.7 mb
Tower Pressure (corrected)	1020.2 mb	1018.9 mb

Notes:

Flying with the backup radome (since Sept lightning strike in Hurricane Joaquin) and no sideslip probes. Therefore, all flight level wind data should be considered suspect. For example, the vertical winds (UWZ and Jorgensen DPJ_WSZ) were well outside the normal tolerances for mean values. This was aggravated further by the mission altitude being below the typical 41-45K normal profile (31K for sonde stress testing).

TDM.1 was used as the source dewpoint sensor and ALTGPS.3 (Novatel) was used as the altimeter source for calculations.

There were no data gaps.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	13	13	2

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