



# **N49RF ERROR SUMMARY CALWATER2P MISSION #9 FERRY TO HONOLULU, HI**



**Flight ID: 20150213N1**

Sensor or system	Number or Name
INE (for wind derivation)	INE1
Accelerometer	ACCZI.1X
Temperature Probe	TTM.4
Dew Point Probe	TDM.2X (EdgeTech)
Altitude (for vertical wind)	GPS.3 (Novatel)
Static Pressure	PSM.2
Dynamic Pressure	PQM.2
Attack Angle	AA.1
Slip Angle	SA.1
Project Directory	/acdata/2015/MET/20150213N1

Notes:

There were no data gaps.

All sensors worked optimally.

Accelerometer #1 output (ACCZI.1) and erroneous data during the following time periods: 213918Z – 213930Z, 214505Z – 214515Z, 214531Z – 214559Z and 220224Z – 220307Z. The erroneous values were removed and replaced with ACCZI.2 output via direct substitution,

$$\text{ACCZI.1} = \text{ACCZI.2}$$

Dewpoint sensor #2 (EdgeTech) had erroneous output between 223812Z – 223919Z and was removed manually. The data was replaced using statistical techniques with a patch value of 0.19.

No dropsondes were deployed.

**SPECIAL NOTE!!!** The variable names DPJ\_GSZ, DPJ\_ASZ and DPJ\_WSZ in the netCDF file represent vertical ground speed, vertical air speed and vertical wind speed, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	<b>Takeoff (1732Z)</b> <b>KMCC</b>	<b>Landing (2305Z)</b> <b>PHNL</b>
Aircraft Static Pressure	1018.9mb	1007.0mb
Corrected Tower Pressure	1019.7mb	1007.6mb
Flight Director:	A. Barry Damiano (813) 828-3310 ext. 3073	