



CERTIFICATE OF CALIBRATION AND TESTING

CUSTOMER: UNIVERSITY OF HAWAII
P.O. NUMBER: Z1001173
MODEL: 05106
SERIAL NUMBER: WM24202

R. M. Young Company certifies that the above equipment was inspected and calibrated prior to shipment in accordance with established manufacturing and testing procedures. Standards established by R.M. Young Company for calibrating the measuring and test equipment used in controlling product quality are traceable to the National Institute of Standards and Technology.

To maintain these specifications, regular maintenance intervals are essential.

Date of Certification: 16 October 2012

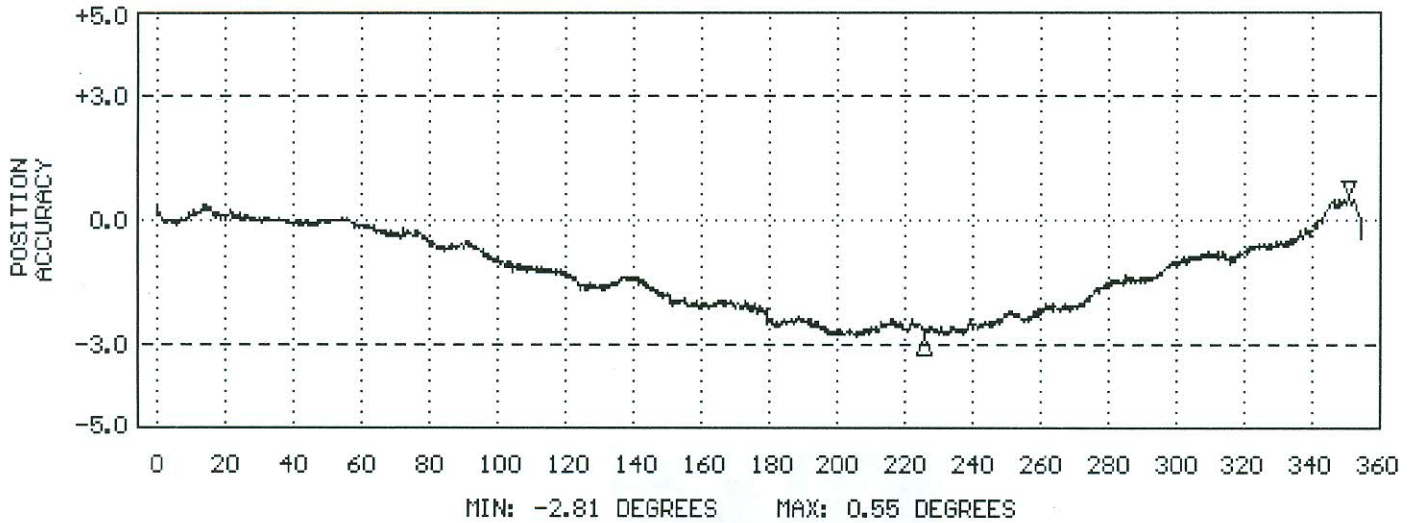
R.M. Young Company

Ryan Phillips

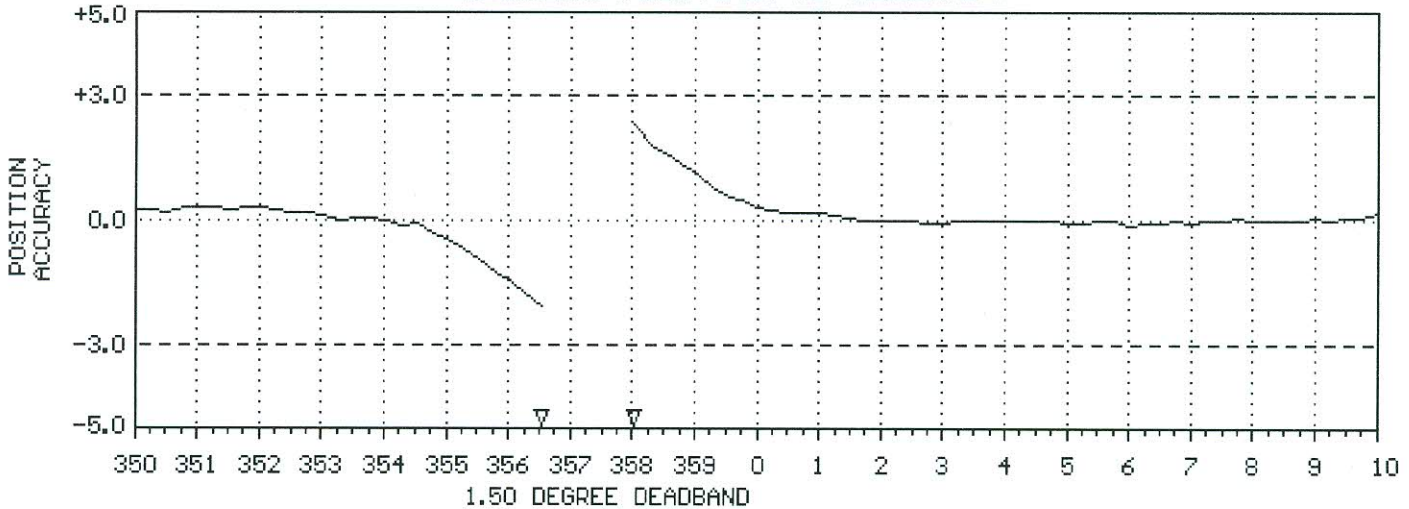
R. M. YOUNG COMPANY WIND SENSOR CALIBRATION CERTIFICATE

SENSOR: 05106 WIND MONITOR-MA
SENSOR SERIAL NUMBER: WM24202 ^{BP}
BEARINGS: SEALED/WATERPROOF GREASE
DATE: OCT 5 2012
WIND SPEED THRESHOLD TEST: PASS
LOW WIND SPEED AMPLITUDE/FREQUENCY TEST: PASS
HIGH WIND SPEED AMPLITUDE/FREQUENCY TEST: PASS
VANE TORQUE TEST: PASS
SPECIAL NOTES:
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AZIMUTH POSITION vs ACCURACY



AZIMUTH POSITION vs ACCURACY



NOTE: Azimuth Position vs Accuracy graphs are accurate to within 0.5 degrees. The accuracy shown in the potentiometer deadband region between 355 and 0 degrees is the result of no resistance change while position changes. The gap represents the actual deadband (open circuit).