THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ENGINEERED TESTING SYSTEMS, LLC

Indianapolis, IN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).

Presented this 17th day of September 2008.

President
For the Accreditation Council
Certificate Number 2680.01
Valid to August 31, 2010

For the tests or types of tests to which this accreditation applies,
please refer to the laboratory's Mechanical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ENGINEERED TESTING SYSTEMS LLC
1711 West 15th Street
Indianapolis, IN 46202
Steve Golten Phone: 317-396-0573

MECHANICAL

Valid to: August 31, 2010 Certificate Number: 2680.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on military, automotive, and commercial products and systems:

TEST PARAMETERS	TEST METHOD
Random Vibration 1 to 15,000 lb/f 4 to 3000 Hz 2" displacement p-p 200g max level	MIL-STD-810C (514.2), 810D (514.3), 810E (513.4), 810F (514.5), 810C (519.2), 810D (519.3), 810E (519.4), 810F (519.5) RTCA/DO-160C (Sections 7.0 Operational Shocks and Crash Safety, 8.0 Vibration); MIL-STD-167-1 Shipboard Vibration
Sine Vibration 1 to 17,500 lb/f 4 to 3000 Hz 2" displacement p-p 100g max level 70 in/sec	MIL-STD-810C (514.2), 810D (514.3), 810E (513.4), 810F (514.5); MIL-STD-167-1 Shipboard vibration
Shock 1 to 35,000 lb/f 70 in/sec	MIL-STD-810C (516.2), 810D (516.3), 810E (516.4), 810F (516.5) RTCA/DO-160C (Sections 7.0 Operational Shocks and Crash Safety, 8.0 Vibration)
Temperature / Humidity -72º C to 191º C 20% to 95% RH	MIL-STD-810C (501.1), 810D (501.2), 810E (501.3), 810F (501.4); GR-63-CORE (5.1.1.2) MIL-STD-810C (502.1), 810D (502.2), 810E (502.3), 810F (502.4); GR-63-CORE (5.1.1.1) MIL-STD-810D (520.0), 810E (520.1), 810F (520.2)

*Also using customer-specified test methods based on the parameters listed above.