



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INDEPENDENT TESTING LABORATORIES, INC.

1127 Baker Street

Costa Mesa, CA 92626

Dwight Mansfield Phone: 714 662 1011

email: Dwight@itltesting.net

Website: <http://itltesting.net>

MECHANICAL

Valid to: July 31, 2025

Certificate Number: 3137.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, *as well as the satellite laboratory location listed below*, to perform the following mechanical tests:

<u>Test:</u>	<u>Specification(s):</u>	<u>Method(s) ¹:</u>
Acceleration	MIL-STD-810C, D, E, F, G, H	513
Altitude, Decompression and Overpressure	RTCA/DO-160 D, E, F, G	Section 4.6
Operational Shocks and Crash Safety	RTCA/DO-160 D, E, F, G	Section 7
Humidity	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	507, Section 6
Icing	RTCA/DO-160 D, E, F, G	Section 24
Low Pressure (Altitude)	MIL-STD-810C, D, E, F, G, H	500
Rain	MIL-STD-810C, D, E, F, G, H	506, Procedures 1 and 3
Salt Spray (Fog)	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	509, Section 14
Sand and Dust	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	510, (Excluding use of Silica Flour); Section 12 (Excluding use of Silica Flour)

<u>Test:</u>	<u>Specification(s):</u>	<u>Method(s) ¹:</u>
Shock	MIL-STD-810C, D, E, F, G, H; UN38.3	516, Sixth Edition
Temperature	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	501 and 502; Section 4.5
Temperature Variation	RTCA/DO-160 D, E, F, G	Section 5
Vibration	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G; UN38.3	514, Section 8, Sixth Edition
Waterproofness	RTCA/DO-160 D, E, F, G	Section 10

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<u>Test:</u>	<u>Specifications:</u>	<u>Method(s) ²:</u>
Altitude and Decompression	RTCA/DO-160 D, E, F, G	Section 4.6
Humidity	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	507, Section 6
Low Pressure (Altitude)	MIL-STD-810C, D, E, F, G, H	500
Temperature	MIL-STD-810C, D, E, F, G, H; RTCA/DO-160 D, E, F, G	501 and 502, Section 4.5

On the following types of products, materials and/or structures:

In-flight entertainment systems and various aircraft subsystems, Military components, and Aerospace components and Lithium Batteries.

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.





Accredited Laboratory

A2LA has accredited

INDEPENDENT TESTING LABORATORIES, INC.

Costa Mesa, CA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 9th day of October 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3137.01
Valid to July 31, 2025

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