



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INDEPENDENT TESTING LABORATORIES, INC. ¹

1127 Baker Street
Costa Mesa, CA 92626
Dwight Mansfield Phone: 714 662 1011
email: Dwight@itltesting.net
Website: <http://itltesting.net/>

MECHANICAL

Valid to: October 31, 2023

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) ²:</u>
Acceleration	MIL-STD-810C, D, E, F, G	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; 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	500
Rain	MIL-STD-810C, D, E, F, G	506
Salt Spray (Fog)	MIL-STD-810C, D, E, F, G; RTCA/DO-160 D, E, F, G	509, Section 14
Sand and Dust	MIL-STD-810C, D, E, F, G; RTCA/DO-160 D, E, F, G	510, Section 12
Shock	MIL-STD-810C, D, E, F, G	516

<u>Test:</u>	<u>Specification(s):</u>	<u>Method(s) ²:</u>
Temperature	MIL-STD-810C, D, E, F, G; 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; RTCA/DO-160 D, E, F, G	514, Section 8
Waterproofness	RTCA/DO-160 D, E, F, G	Section 10

¹ Accreditation is granted to this laboratory at the location listed above as well as the satellite laboratory location listed below:

INDEPENDENT TESTING LABORATORIES, INC.
1133 Baker Street, Unit B
Costa Mesa, CA 92626
Dwight Mansfield Phone: 714 662 1011
email: Dwight@itltesting.net
Website: <http://itltesting.net/>

<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; RTCA/DO-160 D, E, F, G	507, Section 6
Low Pressure (Altitude)	MIL-STD-810C, D, E, F, G	500
Temperature	MIL-STD-810C, D, E, F, G; RTCA/DO-160 D, E, F, G	501 and 502, Section 4.5
Temperature Variation	RTCA/DO-160 D, E, F, G	Section 5

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

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

² 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 6th day of July 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3137.01
Valid to October 31, 2023
Revised July 25, 2023

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