

MECHANICAL

Valid To: June 30, 2024

Certificate Number: 0214.56

In recognition of the successful completion of the A2LA evaluation process, accredited to perform the following tests at the location listed above, as well as the one satellite location listed, to perform the following tests

<u>Test Technology:</u>	<u>Test Capabilities:</u>	<u>Test Method(s):</u>
Vibration 5-2000 HZ		SOP LAX-VIBE-001; RTCA-DO-160 (Section 8)
Shock (Crash Safety and Operational Safety) 5- 2500 HZ Acceleration 100G's	Shaker Shock	RTCA-DO-160 (Section 7 Procedure)
High Temperature	+600°F	RTCA-DO-160 (Section 4.5.4)
Low Temperature	-323°F	RTCA-DO-160 (Section 4.5.1)
Thermal Cycling	+600°F to -323°F	RTCA-DO-160 (Section 5)
Pressure Burst	20,000 psi	

NATIONAL TECHNICAL SYSTEMS (NTS)
LAX Division
121 Maryland Street
El Segundo, CA 90245
Dale Walker Phone: 310-48-0900 ext. 1411

<u>Test Technology:</u>	<u>Test Capabilities:</u>	<u>Test Method(s):</u>
Thermal Vacuum	+292°F to -300°F 10 ⁷ torr	SOP LAX-03
High Temperature	+392°F	RTCA-DO-160 (Section 4.5.4); MIL-STD-810 Method 501
Low Temperature	-300°F	RTCA-DO-160 (Section 4.5.1); MIL-STD-810 Method 502
Thermal Cycling	+392 °F to -300°F	RTCA-DO-160 (Section 5) MIL



Accredited Laboratory

NTS LABS, LLC LOS ANGELES

Los Angeles, CA

refer to joint ISO-ILAC-IAF Communiqué dated April 2017



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