



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

OMEGA RESEARCH INC.
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MECHANICAL

Valid To: January 31, 2025

Certificate Number: 1252.01

In recognition of the successful completion of the A2LA evaluation process (including compliance to R223 – Specific Requirements – GE Aviation S-400 Accreditation Program), accreditation is granted to this laboratory to perform the following metal and coatings tests:

<u>Test</u>	<u>Test Methods</u>
Adhesion	ASTM B571 (Sections 3, 5, and 7)
Coating Weights	ASTM B137; MIL-A-8625; MIL-DTL-16232
Plating / Coating Thickness	ASTM B487
Heat Resistance	AMS-2403, AMS-2424
Hydrogen Embrittlement (Stress Durability)	ASTM F519
Metallography	ASTM E3, F2111; MIL-DTL-13924; Omega Research Procedure 9.0
Microhardness (HV100, HK25, HK100, HK500)	ASTM B578, E384
Porosity	AMS-QQ-C-320A (July 2007 ¹), AMS-2460, AMS-2438
Salt Spray Corrosion Testing	ASTM B117
Taber Abrasion	ASTM D4060; FED-STD-141c (Method 6192.1)
Impact	ASTM D2794
Solderability	ASTM B678; QQ-S-365 (February 2001 ¹)
Electrical Resistivity Testing	MIL-C-81706 ¹ , MIL-DTL-5541, MIL-DTL-81706; AMS-2477
Etch Inspection of High Strength Steel Parts	AMS 2649
Wet Tape Adhesion	ASTM D3359; FED-STD-141c (Method 6301.3); MIL-DTL-5541

¹NOTE: This laboratory's scope contains withdrawn methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Accredited Laboratory

A2LA has accredited

OMEGA RESEARCH INC.

Decatur, TX

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 laboratory also meets the requirements of R223 – Specific Requirements: GE Aviation S400 Accreditation Program. 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 29th day of November 2022.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1252.01
Valid to January 31, 2025
Revised April 11, 2023

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