

NEWSPACE MARKET · COMPANY PROFILE



AAA Engineering & Test Lab

United States · founded 2009 · aaactl.com

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PRODUCTS

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SERVICES

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WITH DATASHEETS

newspacemarket.com/companies/aaa-engineering-test-lab/

as of 20 August 2026



AAA Engineering & Test Lab

AAA Engineering & Test Lab provides precision electronic component testing services, including electrical, environmental, mechanical, and chemical testing. They specialize in comprehensive solutions for semiconductor and electronic components, qualifying actives, passives, ICs, and FPGAs to military, space, and commercial standards. The company offers upscreening to elevate commercial parts to mission-critical standards, failure analysis, and counterfeit mitigation. Their services are utilized by OEMs and prime defense contractors in high-reliability environments, supporting industries such as aerospace, space/satellites, defense, medical, automotive manufacturing, and industrial sectors. They validate components for applications ranging from satellites and avionics to medical devices. The company operates from a 13,000-square-foot facility in Palm Bay, Florida, and was founded in 2009 in New Port Richey, Florida, initially as a 1,000-square-foot internal test lab. They merged with ECAL Test Labs Inc. in 2014 and were acquired by Wincove Private Holdings in October 2022. AAA Engineering & Test Lab holds ISO 9001/AS9100 accreditation for electrical, environmental, and mechanical testing, and ISO/IEC 17025 AS6081/AS6171 accreditation for counterfeit mitigation testing and authentication. They are ITAR Registered, EAR Compliant, and DFARS/FAR Adherent, and perform testing to standards including MIL-STD-202, MIL-STD-461, MIL-STD-750, MIL-STD-883, MIL-STD-1580, and NASA specifications.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Counterfeit Mitigation Testing and authentication services to secure the supply chain and detect counterfeit electronic components.	Failure Analysis Diagnosing the root causes of component failures using forensic testing and high-precision tools, adhering to industry standards.
Hi-Rel & Space Qualification Engineering qualification for EEE components used in high-reliability aerospace systems, including SmallSats, CubeSats, and avionics.	Precision Electronic Component Testing Rigorous electrical, environmental, mechanical, and chemical testing of semiconductors and electronic components to MIL-STD, NASA, and commercial specifications.
Upscreening of Commercial Electronic Parts Elevating commercial electronic parts to meet mission-critical standards through thorough screening and qualification processes.	

Product catalogue



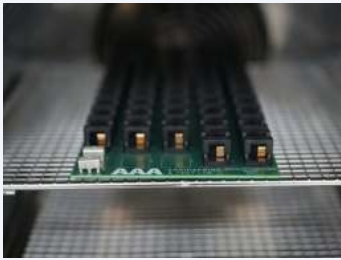
AAA ENGINEERING & TEST LAB

AAA Engineering & Test Lab

AAA Engineering & Test Lab delivers rigorous semiconductor and electronic component testing to MIL-STD-202, MIL-STD-461, MIL-STD-750, MIL-STD-883, MIL-STD-1580, and NASA specif

Testing standards	MIL-STD-202, MIL-STD-461, MIL-STD-750, MIL-STD-883, MIL-STD-1580, NASA specifications
Key standards & certifications - Military & NASA	MIL-STD-202, MIL-STD-461, MIL-DT-750, MIL-STD-883, MIL-STD-1580; NASA MIL-PRF for environm
Key standards & certifications - Quality Systems	ISO 9001, AS9100, ISO/IEC 17025, AS6081/AS6171, ANSI ESD S20.20
Key standards & certifications - Regulatory	ITAR Registered, EAR Compliant, DFARS/FAR Adherent
Experience	15+ Years of hands-on expertise in MIL-STD and NASA programs
Accreditation - Testing	ISO 9001/AS9100 Accredited for electrical, environmental and mechanical testing scopes
Accreditation - Counterfeit Mitigation	ISO/IEC 17025 AS6081/AS6171 Accredited for counterfeit mitigation testing and authenticati

price on request datasheet



AAA ENGINEERING & TEST LAB

Precision Electronic Component Testing for Critical Systems

AAA Engineering & Test Lab offers comprehensive electronic component testing services, including electrical, environmental, mechanical, and chemical testing, to ensure reliabil

Years of hands-on expertise in MIL-STD and NASA programs	15+
Accreditation for electrical, environmental and mechanical testing scopes	ISO 9001/AS9100
Accreditation for counterfeit mitigation testing and authentication	ISO/IEC 17025 AS6081/AS6171
Key Standards & Certifications - Military & NASA	MIL-STD-202, MIL-STD-461, MIL-DT-750, MIL-STD-883, MIL-STD-1580; NASA MIL-PRF for environm
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price on request datasheet

Contact AAA Engineering & Test Lab

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://aaactl.com>

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