

AEROSPACE TESTING

Laboratory Testing Inc. (LTI) offers aerospace primes and their supply chains a full-line of Destructive and Nondestructive Testing services and the quality assurance that is needed to meet the industry's stringent requirements. Standard turnaround for most testing and certified reports is just a few days. Same-day, Next-day and 2nd-day expedited services are offered for even faster turnaround.

LTI supports our global clients with highly reliable testing for raw materials and finished products. Our 170,000 sq. ft. lab has the technical expertise and the qualifications needed by the aerospace industry, including:

- Nadcap and A2LA accreditation
- ISO/IEC 17025 certification
- Approvals from aerospace primes, material suppliers and manufacturers

FULL-SERVICE TESTING FOR THE AEROSPACE INDUSTRY



Testing to Industry Standards

LTI has been in business since 1984 providing cost-effective solutions for clients. Although metal testing is our specialty, some services are offered for powdered metals, plastics, composites and ceramics.

Testing is performed to industry standards, including:

- AMS
- ASME
- MIL-T
- AMS-T
- ASTM
- MIL-STD
- AMS-STD
- NAS

Leading Company Approvals

LTI is on the approved vendor list of many aerospace companies, including those listed below:

- Aerojet Rocketdyne
- Airbus
- Bell Helicopter Textron
- Blue Origin
- Boeing
- Collins Aerospace
- Eaton Aerospace
- GE Aviation
- GKN Aerospace
- Gulfstream Aerospace
- Honeywell Aerospace
- Leonardo
- Lockheed Martin
- Northrop Grumman
- Parker Aerospace
- Pratt & Whitney
- Rolls Royce
- Sikorsky
- Space X
- United Launch Alliance

We also hold Pratt & Whitney MCL Sec. F-23 and GE S-400 & S-1000 approvals.

Contact us to inquire about other approvals and continue reading for more capabilities.



AEROSPACE TESTING

CHOOSE LTI FOR FAST, RELIABLE TESTING



Full Line of Services at One Location

Chemistry

Instrumental and wet chemistry services include:

- Hydrogen, Nitrogen, Oxygen Determination
- Sulfur & Carbon Analysis
- ICP Analysis

Microscopic & Macroscopic Examinations

Microhardness Testing

Mechanical Testing

Complete mechanical properties testing to industry specifications, including:

- Tensile
- Stress Rupture
- Creep
- Heat Treat Capability

Fracture Mechanics

- High & Low Cycle Fatigue
- Fracture Toughness
- Fatigue Crack Growth

Nondestructive Testing

- Magnetic Particle
- Liquid Penetrant
- Ultrasonic - Contact & Immersion
- X-ray Inspection

On-site experts are available for fast turnaround and your convenience, including a NDT MIL-STD-2132 Examiner, Pratt & Whitney SIM Level 3 and DCMA Q.A. Rep.

Corrosion Testing

Fastener Testing

Dimensional Inspection

Specimen Machining

Ask how LTI can help with your specific requirements.



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