



ELEMENT JUPITER

Originally established in New York as East-West Technologies, Element Jupiter has been servicing the aerospace and defense industries since 1973.

Located in Jupiter, Florida, Element Jupiter is an ISO/IEC 17025-accredited laboratory with broad product testing capabilities. The 30,000-square-foot indoor laboratory is complemented by an outdoor test space of nearly equal size, ideal for accommodating large-scale testing of components or systems. The Jupiter lab serves as Element's center of excellence for Hydraulics, Pneumatics, Thermal Management, Fuel Icing, Projectile Impact Testing. Fully automated test stands with closed-loop control are customized to the requirements of each test program.

ELEMENT WORLDWIDE

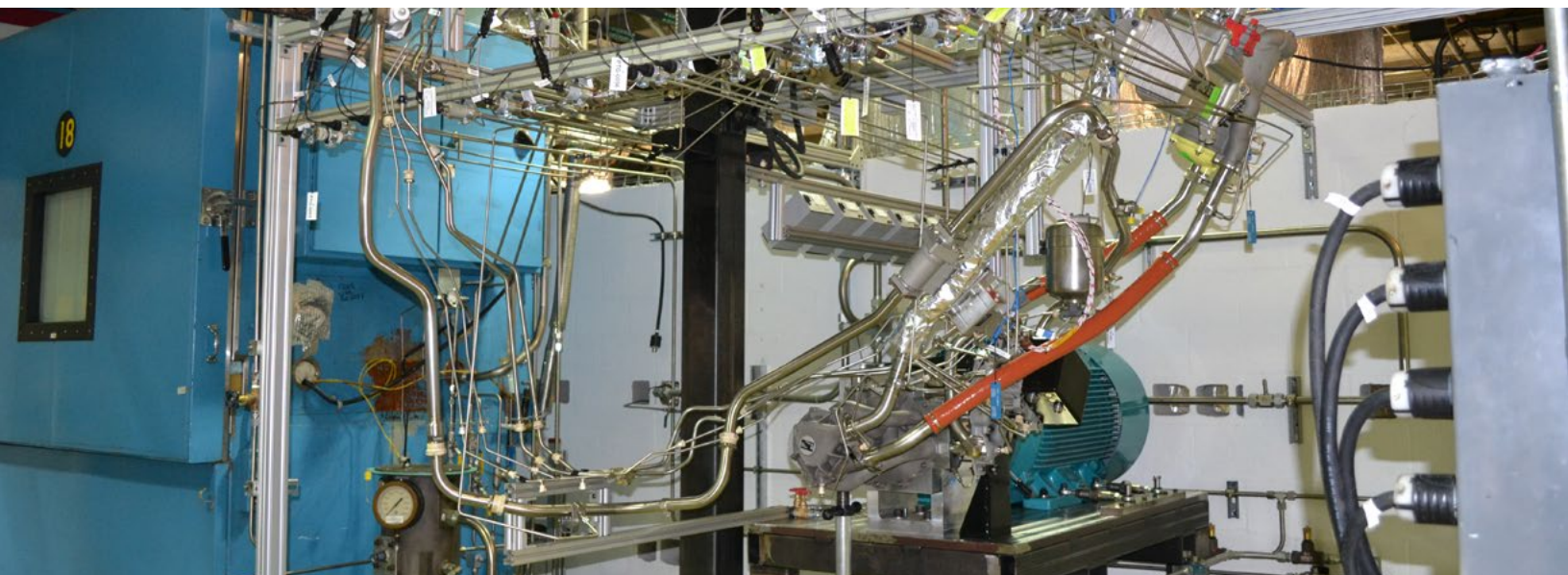
WHO WE ARE

Element Jupiter is part of a global network of Element Laboratories and experts specializing in materials testing, product qualification testing and failure analysis.

ELEMENT MATERIALS TECHNOLOGY

We are the recognized leader in Aerospace Testing Services. We support our customers by utilizing our analytical expertise and knowledge. This ensures quality and integrity for advanced industrial products throughout the supply chain. We are the preferred partner for our customers' most critical Product Qualification (PQT) testing needs.





INDUSTRIES WE SERVE

Our accredited and industry-approved laboratories provide materials testing, product qualification testing and failure analysis for companies in multiple sectors:

- Aerospace & Defense
- Industrials
- Thermal Management
- Transportation

OUR SERVICES

- Accelerated Weathering
- Projectile Impact (Bird Strike, Hail Impact, Drone Strike)
- Climatic Testing
- Durability Testing
- Hydraulics Shock & Impulse Testing
- Pneumatic, Impulse/Endurance Pressure Drop/Burst
- Pneumatic, Pressure/Temperature/Flow Cycling
- Pressure Cycling
- Solid Particulate Erosion
- Structural & Fatigue Testing
- Temperature Shock Components Testing
- Explosive Atmosphere
- Powerplant Fire Testing
- Fixture Design & Build
- Fuel Icing (Aerostructure, Engine, Component)
- Contamination Testing (Fuel, Hydraulic, or Pneumatic)
- Hail Impact Testing
- Heat Exchanger Performance & Endurance Testing
- Temperature Shock Simulation in Hydraulic Systems
- Valve Certification
- Vibration, Shock & Acceleration Testing
- Proof and Burst
- Hydraulic Performance
- Pneumatic Performance
- Hot and Cold Fuel Testing
- Cavitation Testing
- Low Lubricity Testing
- Thermal Cycling
- Pump Testing
- Custom Test Stands
- Custom Data Acquisition Development
- Project Management
- Thermal Performance
- 24/5 System-Level Endurance Testing

PARTNER WITH THE EXPERTS IN AEROSPACE TESTING

When performance and reliability can't be left to chance, trust Element Jupiter—our center of excellence with the scale, expertise, and accreditations to support your most critical product qualification needs. Whether you require large-scale system testing or precise component validation, our team delivers actionable data, faster turnaround, and the confidence you need to keep programs on track.

CONTACT US TODAY TO DISCUSS HOW ELEMENT CAN ACCELERATE YOUR TESTING PROGRAM AND REDUCE RISK.

