



ELEMENT MELBOURNE

Element Melbourne is an RTCA DO-160 and MIL-STD-810 Testing Center of Technical Excellence supporting customers in the aerospace, military, and defense sectors. Conveniently located in Florida's Space Coast, Element Melbourne serves customers in the southeast and beyond.

Element Melbourne's core services include EMI/EMC testing and Environmental testing. The specific test specifications and services can be seen below.

Element Melbourne is accredited by A2LA according to ISO/IEC 17025 (Cert. # 1720.01, 1720.02, and 1720.03).

TEST SPECIFICATIONS

- RTCA/DO-160
- MIL-STD-810
- MIL-STD-202
- IEC 60529
- IEC 60068
- ASTM
- NEMA 250
- ESS
- MIL-STD-461
- MIL-STD-1275
- MIL-STD-704
- MIL-E-6051D
- Eurofighter SPE-J-000-E-1000
- Eurofighter SPE-J-000-E-1006
- Airbus ABD25201Foo1200, Issues 2 through 4
- Airbus ABD0100.1.2, Revisions E and G
- Airbus ABD0100.1.8.1, Revision C
- Boeing D6-16050-4, Revisions D and F
- Boeing D6-16050-5
- Boeing D6-36440, Volume1, Revisions G and H
- NATO AECTP 500, Edition 2





ELEMENT WORLDWIDE

Element Melbourne 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 materials technology. 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.

OUR SERVICES:

- Accelerated Weathering
- Acceleration (Centrifuge)
- Temperature
- Humidity
- Vibration
- Shock
- Impact/Drop
- Altitude
- Cargo Bounce
- HALT/ HASS
- Settling Dust
- Blowing Sand/Dust
- Fluid Susceptibility
- Salt Fog/Spray
- EMI/EMC
- Radiated/Conducted Emission
- Radiated/Conducted Susceptibility

INDUSTRIES WE SERVE

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

- Military & Commercial Aerospace
- Space & Defense
- Transportation
- ESD & Dielectric Strength
- Power Characterization tests
- Solar Radiation
- Compression/Stacking
- Thermal Shock: Air to Air
- Decompression
- Overpressure
- Drip
- Waterproofness
- Ingress Protection
- Icing
- Combined Temperature/ Vibration
- Transportation Simulation
- Immersion/Submersion
- Rain/Blowing Rain
- Pyro Shock
- Thermal Vacuum (TVAC)

PARTNER WITH ELEMENT MELBOURNE FOR MISSION-CRITICAL TESTING

From EMI/EMC to environmental and thermal vacuum testing, our accredited Melbourne laboratory ensures your aerospace, defense, and space programs meet the most demanding global standards. Backed by Element's worldwide network, we deliver the data, speed, and expertise you need to stay compliant and competitive.

CONTACT US TODAY TO DISCUSS YOUR TESTING NEEDS

