Elite Electronic Engineering Inc.

FAA Qualification Test Services
Airport Infrastructure + Onboard Avionics Systems

Complete Aviation Equipment EMC + Environmental Stress Testing Services
With more than 60 years of experience in Commercial/Military Aviation testing, Elite provides the technical expertise, equipment capabilities and scheduling flexibility that complex projects require.

**FAA Qualification Testing**

We are ISO 17025 accredited to perform environmental and electrical qualification testing for several products covered by the FAA Airport Lighting Equipment Certification Program. They include:
- FAA AC 150/5345-10 – Constant Current Regulators
- FAA AC 150/5345-43 – Obstruction Lights
- FAA AC 150/5345-44 – Runway and Taxiway Signs
- FAA AC 150/5345-46 – Runway and Taxiway Lights
- FAA AC 150/5345-47 – Isolation Transformers

Visit Booth 6, Wednesday, October 21 at the IESALC Fall Tech Meeting to learn more about our developmental and qualification testing services for aviation lighting equipment.

**Accredited Expertise:**
- ISO 17025 and 17065 Accredited by A2LA and NVLAP
- iNARTE Certified Engineers and iNARTE Test Lab
- Defense Logistics Agency – DSCC Approved
- FCC Telecommunications Certification Body (TCB)

**State-of-the-Art Facility:**
- 45,000 Square-Foot Facility – Minutes from Chicago
- 27 RF Chambers – Including Whole Vehicle
- Comprehensive Environmental Stress Testing Lab

**One-Stop Solutions:**
- EMC and Environmental Test Plan Development
- Reliability and Accelerated Life Testing
- EMP, HIRF and Lightning Testing up to Level 5
- Electric Power/Utility-Grade Surge and Transient Protection
- CE Mark Compliance to EMC and Low Voltage Directives

**Commercial/Military Aviation Test Capabilities:**
- Combined EMC, Electrical, and Environmental Testing
- High-Power Field Strength up to 5,000 V/m
- Readily Available 400Hz or 28VDC Supply Power
- Configurable Resistive Power Load Banks and Heat Exhaust Capability
- Facilities and Support Equipment for Large Test Items