

# TAKE OFF WITH A TESTING LEADER

Aerospace & Aviation Services





**AS ONE OF NORTH AMERICA'S LEADING TESTING PROVIDERS, INDUSTRIAL INSPECTION & ANALYSIS (IIA) HELPS TO ENSURE THE SAFETY OF AEROSPACE PARTS AND EQUIPMENT BEFORE THEY EVER LEAVE THE GROUND.**

**OUR ONE-STOP-SHOP SERVICES TRANSLATE TO FAST TURNAROUND TIMES AND COST-EFFECTIVE SOLUTIONS FOR AEROSPACE AND AVIATION CUSTOMERS.**

## KEY AEROSPACE SERVICES

From air travel to space exploration, IIA is honored to support the safety and quality of every lift-off, launch, and landing.

### IN THE LAB...

Our ISO-accredited laboratories use a variety of testing and measurement methods to paint a comprehensive picture of component condition.

- Non-Destructive Testing
  - Magnetic Particle Inspection
  - Penetrant Testing
  - Eddy Current Testing
  - Ultrasonic Testing
- Radiography (X-Ray)
- EMC/RF Testing
- Dimensional Inspection
- Mechanical Testing
- Salt Spray Testing
- Ink Testing
- Coating Testing
- 3D Scanning
- Pyrometry/Oven Calibration
- Metallurgical Testing
- NADCAP Audit Support
- CT Scanning
- Shock and Vibration Testing
- Environmental Testing

### ASTM-Compliant Fuel Testing

- AVGas Testing
- Jet Fuel Analysis
- FSII Quality Testing
- Oil Testing
- Grease Analysis
- Coolant Analysis

### IN THE FIELD...

IIA is a trusted provider of on-site inspection and certification to ensure ground support equipment (GSE) and other lift devices are structurally sound and safe to use.

- GSE/Deicer Inspection & Certification
- Other Lift Device Inspection & Certification
- Overhead Crane Services
- Engineering Solutions for GSE/Lift Equipment
- Inspection Tracking & Compliance
- Mobile Lab Services (RT, NDT, PT, Scanning) for components or equipment that are too large or fragile to ship to our labs.

### NFPA-COMPLIANT FIRE SERVICES

- NFPA-Compliant Fire Truck Inspection
- Aerial & Ground Ladder Testing
- Fire Pump Testing
- Fire Hose Testing
- Nozzle/Appliance Testing



**Partner with IIA and gain peace of mind.**

### LOOKING FOR ...

- Accurate, Reliable Data?
- Aerospace Industry Experience?
- Technical Expertise?
- Advanced Equipment?
- Mobile Services?
- Full-Service Support With a Single PO?
- Compliance Expertise?
- Fast, Friendly Service?



## OUR TESTING & CREDENTIALS MEET THE AEROSPACE INDUSTRY'S HIGHEST STANDARDS

Our team stays up-to-date on the latest standards, regulations, and technology affecting the aerospace industry. In the field and in the lab, you can trust that our testing meets the strictest standards.

### STANDARDS & ACCREDITATIONS

- ISO 17025 Accredited Services
- AS 9100 Compliant
- AS 9102 Compliant
- ASTM Compliant
- NFPA Compliant

### CERTIFIED FAA REPAIR STATIONS

- St. Louis Lab
- Sunnyvale Lab

### NADCAP ACCREDITED

- Non-Destructive Testing (NDT)
- Tensile Testing
- Salt Spray Testing
- Metallurgical Testing
- QA / Audit Support

### TRANSPORT CANADA APPROVED AIRCRAFT MAINTENANCE ORGANIZATION (AMO) 84-18

- Kova Engineering Subsidiary AMO Head Office in Surrey, BC
- Kova Engineering Subsidiary in Kelowna, BC

## NDT TRAINING

We also offer NDT Training that we can also specialize to the Aerospace and Aviation Industry. Our **NDT Training Centre** is a **Natural Resources Canada (NRCan) recognized training organization (RTO) in British Columbia**. We offer comprehensive training in non-destructive testing (NDT) methods and prerequisite courses. We have a fully-equipped shop containing equipment needed to learn and perform various methods of NDT as well as required calibration equipment.



**View our NDT Training Course  
schedule here and register now.**

## ELEVATE YOUR EXPECTATIONS — CHOOSE IIA

From airplanes to rockets to satellites — even the International Space Station — IIA has decades of experience in the aerospace industry. Whether you need urgent on-site assistance or routine testing, you can trust our team to deliver accurate data and surprisingly fast turnaround times.





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