

FIELD
AEROSPACE

MAKING ORDINARY AIRCRAFT EXTRAORDINARY

Company Overview

Born In Aerospace

Since 1947, Field Aerospace has been a center of excellence for aircraft engineering, integration, and modifications.

With the ability to design, install, test, and certify all our modifications, Field's upgrades and solutions keep your aircraft in the air, on mission, and ready for the future.

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Who We Are

History, Values, Clients

Every Program Matters

We believe that every project plays a crucial role in our success.

Leveraging decades of experience allows us to deliver programs on time - no matter the complexity, duration, or cost.

Our agile organization means we can adapt quickly to client needs and provide personalized service.



HISTORY



Expanding

Building new facilities to accommodate new services and growing client needs.

Field Becomes a U.S. Company

Field Aerospace retained senior management and invested in operations

1947

Field Founded

Soon thereafter, in the mid-1950s, we opened facilities at the international airports in Calgary and Toronto.



1950s

Modification Experts

International acclaim for the range of capabilities in aircraft modification



1980s

2012

Field Acquires OKC

This site provides expertise in design, avionics, electrical systems, testing, and modification services.



2015

The Company We Keep



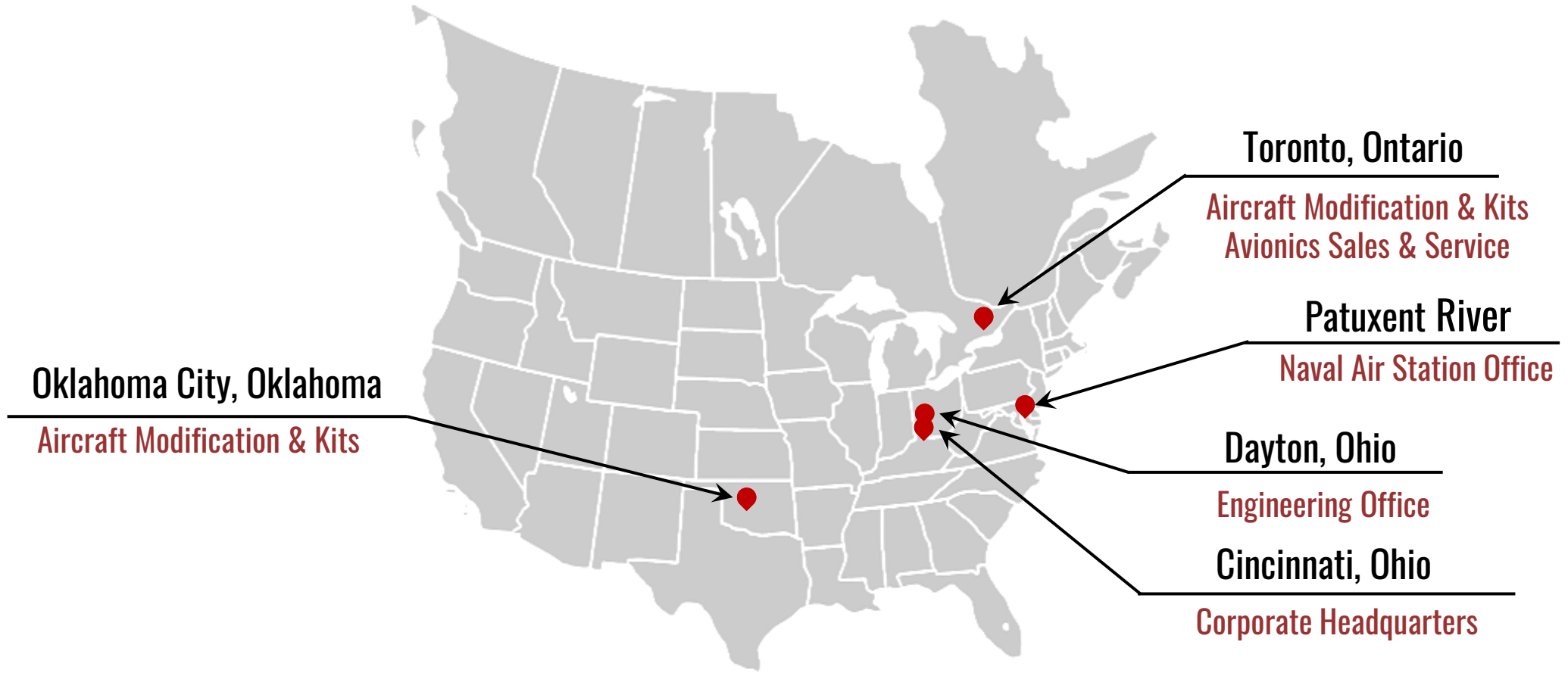
British
Antarctic Survey

UNIVERSAL AVIONICS
an Elbit Systems Company

Where We Are

Offices, Hangars, Facilities

Our Locations



400+ Employees

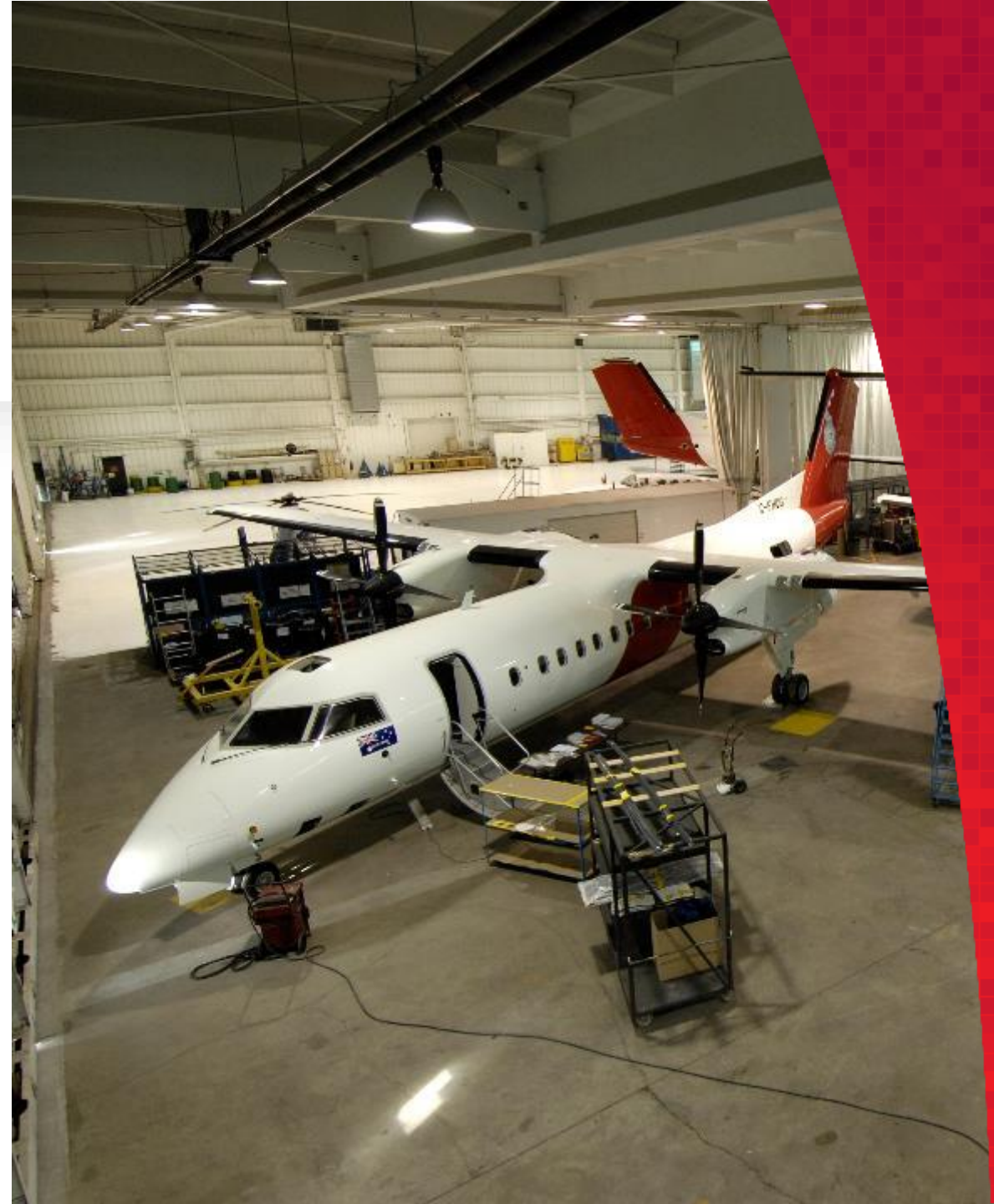
Oklahoma City

- Located at Will Rogers World Airport
- 150,000 ft² (13,940 m²) hangar space, 426,255 ft² (39,600 m²) ramp space
- Flexible, reliable, and innovative aerospace facility
- Provide mission-critical communications, engineering, and integration services
- Facility clearance up to Top Secret
- 40% of our staff is U.S. military veterans



Toronto

- Pearson International Airport (YYZ)
- 40,000 ft² (3,700m²) hangar
- 47,000 ft² (4,370m²) manufacturing, avionics service center & offices
- Special Mission Modification - including MSA, MMA, SAR and ISR
- Modification Kits - The design and manufacture of modifications kits and Supplemental Type Certificates (STCs)



What We Do

Upgrades, Missionization, Maintenance

Aircraft Integration & Modification

A technician wearing a dark blue cap and a grey shirt with 'FIELD AEROSPACE' on the back is working on a complex array of wires and components in an aircraft. The technician is using a screwdriver to adjust a wire. The background is filled with various cables and electronic equipment.

- Integration and Modification of Aircraft Systems, Subsystems or Structures
 - Avionics, Communication, Navigation, Radar, & Intelligence, Surveillance, Reconnaissance, (ISR) Integration, Data Links (COTS & MDE)
 - Special Purpose Mission System Packages
 - Other – VIP, aero-medical pallets

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Manufacturing & Wiring Support

- Manufacturing
 - Fabrication and manufacturing of structural and mechanical parts
 - Equipped to support kit manufacture and build
 - On-the-spot fabrication
- Wiring
 - Build, repair, and install wire harnesses in accordance with drawings and applicable Technical Directives
 - Experience performing ring-outs and continuity testing that ensure compliance with all governing and technical directives

Design & Analysis Expertise

- Requirements & solutions analysis
- Concept & prototype design
- Detailed design
- Production drawings
- CAD & parametric modeling
- Multiple analysis techniques:
 - Loads, stress, fatigue
 - CFD
 - Damage tolerance
 - Antenna conflict
 - FEM/NASTRAN, FMEA, ELA





Ground & Flight Test Proficiency

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- Aerodynamics
- Avionics (EMI/EMC)
- Antenna performance
- Radio frequency hazard
- Sensor performance
- Airframe performance and handling
- Interior configuration compliance
- Test instrumentation & data acquisition

Maintenance & Sustainment Support

- **Line Maintenance**
 - Full qualified and trained staff (A&P, FAA certs)
- **Flight Operations**
 - Utilize GFR-approved procedures
 - Maintenance test flights
 - Flight & Mission Training
- **Logistics Support**
 - Supply chain management, warehousing, vendor qualification and export compliance
- **Technical Publications Development**
 - Electronic data conversions and configuration management
 - Maintenance and flight manuals, parts & wiring diagram
- **Contractor Logistics Support (CLS)**
- **Programmed Depot Maintenance and Overhaul**
 - Inventory of support equipment and tooling



Contract Vehicles

- AFLCMC/XA MAC IDIQ
- USAF EWAAC MAC IDIQ
- USN KRACEn
- TRADEWINDS

Our dedicated team of proposal and contract experts constantly looks for new ways to make program success easier for our clients. We would be happy to discuss any specific contract needs you have.

Certifications and Clearances

- FAA Part 145 Approved Repair Station
- FAA Organization Designation Authorization
- FAA and TC Approved Manufacturing Quality System
- FAA and TC Parts Manufacturer Approval
- AS9100 Rev. D and ISO 9001:2015 Certified Quality Management System
- EASA/JAA AMO Approval

FAA ODA and Transport Canada DAO

Approving Our Own STCs

Designated Engineering Representatives (DERs)

Supplemental Type Certificates

We have more than 130 STCs on 64 aircraft. These designs offer the groundwork to achieve additional approvals quickly. Our ability to certify our work in-house ensures that programs aren't slowed down by third-party verification.

Past Performance



B707



B1900C



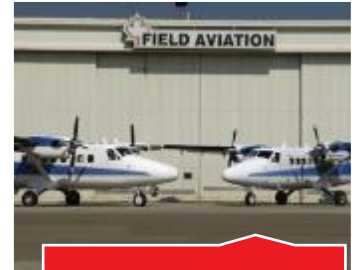
C-130



CRJ700 NG



Bell Iroquois



Twin Otter



DHC-7



DCH-8



Bombardier Challenger



Boeing 737



Bombardier Global

Past Performance - Cont



E-6B



Cessna Citation



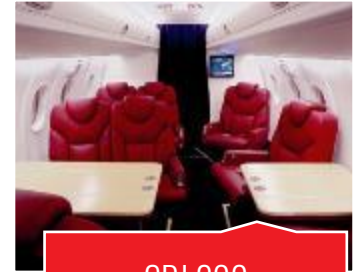
KC-10



KC-135



Mil Mi17



CRJ 200



Sherpa



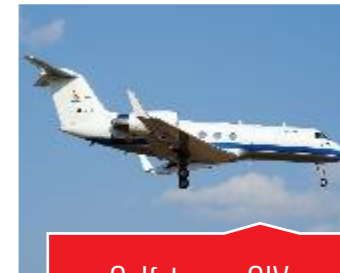
T-1A



RC-135



F-16



Gulfstream GIV

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Making Ordinary Aircraft Extraordinary

Design | Engineering | Manufacturing | Integration | Flight Testing | Certification | Support

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First Last

Title Title Title

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