

ENGINEERING
at the **HEIGHT**
of your
EXPECTATIONS



 **ALTITUDE**
AEROSPACE

altitudeaero.com

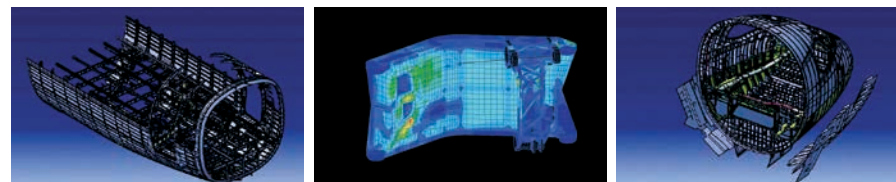
EXPERIENCED ENGINEERING PROFESSIONALS BRINGING CONCEPTS TO REALITY

ALTITUDE AEROSPACE

is an Engineering firm supporting aircraft OEMs and airline operators in the development of new products and the modification and repair of existing aircraft components.

OUR ENGINEERING CAPABILITIES

- Conceptual Design (using Catia V4, Catia V5, Catia V6, Fibersim)
- Structural Analysis (Metallic & Composite)
 - Static Analysis
 - Fatigue Analysis
 - Damage Tolerance Analysis
 - Fem Analysis - Using Catia FEM, Nastran/Patran and Optimization Using Hypermesh
 - Dynamic Stress Analysis - Using MSC Adams Multibody Dynamics and Motion Tools
- Optimization of structures and weight reduction
- Aircraft damage assessments
- Repairs of both metallic and composite structures
- Major modifications through STCs
- Systems Analysis



Our team has extensive experience on product development programs specifically in the following areas: Fuselage, Cockpit, Wings, Pylons and Aircraft doors (Structure, Mechanism & Systems).

ALTITUDE AEROSPACE

offers a wide range of engineering and manufacturing services covering design & build, project management, structural analysis and certification of new products, aircraft modifications and repairs.

OUR TEAM



We are a team of aerospace professionals actively participating in shaping the aerospace industry of tomorrow. While we enjoy working on innovative new products, we also take great pride in ensuring that existing aircraft fleets continue flying economically. Our engineers are well rounded, experienced and have innovation at the heart of their core values.

OUR OFFER



OUR CUSTOMERS

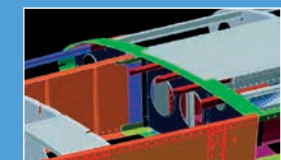
- Bombardier Aerospace
- Stelia
- Pratt & Whitney Canada
- Sonaca
- L3 Communications
- AKKA
- MDA
- Bell Helicopter
- FACC AG
- 3M

OUR STCs ARE FLYING ON THE FOLLOWING FLEET OF AIRCRAFT

- Air Wisconsin Airlines Corporation
- Atlantic Southeast Airlines
- PSA Airlines
- Air Canada Jazz
- SkyWest Airlines
- Eurowings
- Pinnacle Airlines
- Cimber Air
- Adria Airways
- SATA Air Açores
- Air Nostrum

Following the acquisition of a manufacturing organization, DICI Industries, Altitude now provides **fully integrated engineering and manufacturing solutions.**

We certify projects to Transport Canada, Federal Aviation Administration, EASA and other foreign certification agency requirements .





A LEADER IN INNOVATIVE AND COST EFFECTIVE SOLUTIONS



2013 COMPANY OF THE YEAR AWARD

at the Alpha Gala
organized by
the Chamber
of Commerce
and Industry of
Ville Saint-Laurent.

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