



Government
of Canada

Gouvernement
du Canada

Airworthiness Agreements Between Canada and the United States

April 2004



Canada

Bilateral Agreements Between Canada and the United States

Since 1928, when the first Bilateral Airworthiness Agreement between Canada and the United States was signed, the two countries have co-operated to ensure the safety and security of the air traveling public. On June 12, 2000, Canada and the United States signed the current Bilateral Aviation Safety Agreement (BASA) in addition to the Bilateral Airworthiness Agreement already in place. The purpose of the BASA is to facilitate the approval process for aircraft and other aeronautical products being imported or exported between the two countries.

» **Please Note: The BASA only applies to Transport Canada and FAA approved organizations within Canada and the United States. Foreign approvals are not included.**

Canadian Aviation Regulations

In 1993, the United States and Canada began a process to harmonize aviation regulations between the two countries. As a result **there is little difference between the United States and Canada** in the intent of their airworthiness regulations.

Canada's aviation regulations are administered by **Transport Canada** and are regulated by the **Aeronautics Act**. Canadian Aviation Regulations are contained in the following documents. (The full text of these documents may be viewed on line at <http://www.tc.gc.ca/civilaviation/RegServ/Affairs/cars/menu.htm>)

Canadian Aviation Regulations (CAR) and Related Standards

Regulations

CAR Part IV, Subpart 3, 403	Aircraft Maintenance Engineer Licenses and Ratings
CAR Part V, Subpart 11, 511	Approval Type Certificates
CAR Part V, Subpart 13, 513	Approval of Modifications and Repair Designs
CAR Part V, Subpart 71, 571	Aircraft Maintenance Requirements
CAR Part V, Subpart 73, 573	Approved Maintenance Organizations

Standards (Airworthiness Manuals)

Chapter 566	Aircraft Maintenance Engineer (AME) Licensing and Training
Chapter 511	Approval of the Type Design of an Aeronautical Product
Chapter 513	Approval of Modification and Repair Design
Chapter 561	Manufacture of Aeronautical Products
Chapter 571	Maintenance
Chapter 573	Approved Maintenance Organizations

Comparison of the United States' and Canada's Airworthiness Regulations

United States FAA Regulations (FAR)

- » **FAR Parts 23 to 36**
Aeronautical Product Design Standards
- » **FAR Part 145.63**
Reports of Defects or Unairworthy Conditions
- » **FAR Part 39**
Airworthiness Directives
- » **FAR Part 43**
Maintenance, Preventative Maintenance, Rebuilding and Alteration
- » **FAR Part 65**
Certification of Airmen other than Flight Crew

Canadian Aviation Regulations (CAR)

- » **CAR 516 to 533**
Aeronautical Product Design Standards
- » **CAR 591**
Service Difficulty Reporting
- » **CAR 593**
Airworthiness Directives
- » **CAR 571**
Aircraft Maintenance Requirements
- » **CAR 403**
Aircraft Maintenance Engineer Licenses and Ratings

- » **FAR Part 91**
General Operating Rules CAR 601 to 603 and 605
- » **FAR Part 121**
Operating Requirement – Domestic, Flag, and Supplemental Operators
- » **FAR Part 135**
Operating Requirement – Commuter and On Demand Operations
- » **FAR Part 145**
Repair Stations
- » **601 to 603 and 605**
Aircraft Operating Rules
- » **CAR 705**
Air Operators - Airline
- » **CAR 702 to 704**
Air Operators, Commuter, Air Taxi, and Aerial Work
- » **CAR 573**
Approved Maintenance Organizations

Certification Requirements for United States Registered Aircraft Repaired, Modified or that have had Maintenance Work Performed in Canada

- » Approved Maintenance Organizations (AMOs) must be rated for the type and scope of work performed.
- » The Maintenance Release must be performed by those persons authorized in a maintenance policy manual.
- » The Maintenance Release only applies to the maintenance that was accomplished.
- » Modifications and major repairs must be recorded and certified on FAA Form 337 and signed by a person authorized by the Canadian AMO.

Approval of Major Repairs and Modifications on US Registered Aircraft Performed in Canada

The following rules apply to the approval of major repairs and modifications on US registered aircraft performed in Canada:

- » **US Designed Aircraft:** Approved by FAA Aircraft Certification, FAA Design Engineering Representative, or Transport Canada Aircraft certification Office.
- » **Canadian Designed Aircraft:** Approved by FAA Aircraft Certification, FAA Design Engineering Representative, Transport Canada Aircraft Certification Office, or Transport Canada Delegated Design Approval Representative (TC DAR).
- » Certified on FAA Form 337 and signed by an authorized person within the Canadian Approved Maintenance Organization.
- » Airworthiness Notice B042 Latest Edition: Informs Canadian Approved Maintenance Organizations of approval and certification requirements for US registered aircraft.

Parts and Material Certification Requirements

The JAA, the FAA, and Transport Canada have developed similar documents for the purpose of certifying new or used aeronautical products:

- » Transport Canada Civil Aviation Form 24-0078 Authorized Release Certificate
- » JAA Form 1 Authorized Release Certificate
- » FAA Form 8130-3 Airworthiness Approval Tag

Parts Manufacturing – Replacement Parts

- » Transport Canada has further harmonized the regulations between Canada and the United States by introducing a new system called the **Part Design Approval**. The Part Design Approval regulates the approval of replacement parts that do not constitute a design change.
- » Part Design Approval replaces the old system of issuing a Supplemental Type Certificate or Repair Design Certificate for a part that does not constitute a design change.
- » Part Design Approval is accepted by the FAA as a means of approval for parts manufactured by a person or organization that is not the Type Certificate holder of the aeronautical product.

For more information please contact:

Sheryl A. Crowhurst

Trade Team Canada - Aerospace and Defence
Industry Canada
235 Queen Street
Ottawa, Ontario
Canada
K1A 0H5
Telephone: (613) 957-8775
Fax: (613) 952-8088
E-mail: Crowhurst.Sheryl@ic.gc.ca



20% recycled material

Cet document est aussi disponible en Français