



# Information Package for Removal of “Visual Flight Rules Only” (VFR) Restrictions for Amateur-Built Aircraft

## **Purpose**

The purpose of this information package is two-fold:

- (a) To inform the owners of amateur-built aircraft of the requirements for and the procedures by which the “VFR ONLY” standardized operating condition may be removed; and
- (b) To make the owners of amateur-built aircraft aware of the equipment and maintenance requirements for Instrument Flight Rules (IFR) flight.

## **Background**

Initial issue of a Special Certificate of Airworthiness, in the amateur-built classification, allows the aircraft to operate under day Visual Flight Rules (VFR) with initial operating limitations specified in Airworthiness Manual 507.09. After completion of the applicable periods of flight time specified in AWM 507.09, the owner may apply to have the operating conditions modified.

## **Requirements**

To operate under Instrument Flight Rules (IFR), all aircraft shall be equipped in accordance with the requirements of the Canadian Aviation Regulation. Operator's who plan to operate their aircraft under IFR regulations, are required to comply with the CAR's and related Standards, and are alerted to the specific requirements contained in the following documents:

**CAR's 605.18** Power-driven Aircraft – IFR

**CAR's 605.35** Transponder and Automatic Pressure-altitude Reporting Equipment

In addition to the CAR's requirements listed above, the transponder and altitude reporting equipment shall have a correlation check carried out to insure the accuracy of the IFR equipment.

## **Installation of IFR Equipment**

Although the installation of IFR equipment may be performed and certified by the owner, due to the complexity and cost of test equipment, it may be more practical for this work to be performed by an appropriately rated aircraft Approved Maintenance Organization (AMO).

## **IFR Equipment Installed in Amateur-built Aircraft**

IFR equipment, which has been installed in an amateur-built aircraft, is not eligible for installation in a certificated aircraft unless that IFR equipment has been recertified by an appropriately rated AMO.

## **Statement of Compliance**

A Statement of Compliance shall be entered in the Technical Records and signed by the register owner. The statement shall indicate that the equipment required for IFR flight as specified in CAR 605.18, and 605.35 have been properly installed, tested and calibrated in accordance with the requirements of CAR's 571, and 605 along

with the related standards, and that this equipment functions properly. The owner must be prepared to demonstrate that the installation, test and calibration of IFR equipment have been appropriately performed.

A suggested entry;

#### **STATEMENT OF COMPLIANCE**

The installation of the equipment required for Instrument Flight Rules as specified in CAR 605.18, and 605.35 have been properly installed, tested and calibrated in accordance with the requirements of CAR 571, and 605 along with the related standards, and that this equipment functions properly.

Date: \_\_\_\_\_ Signature Of Owner: \_\_\_\_\_  
Print Name: \_\_\_\_\_

With regards to the installation, test and calibration of the IFR equipment required by CAR's 605.18 and 605.35, owners are to insure that the requirements of 571.02 are met.

### **571.02 Maintenance and Elementary Work Performance Rules**

(amended 2000/12/01; [previous version](#))

(1) Subject to subsection (2), a person who performs maintenance or elementary work on an aeronautical product shall use the most recent methods, techniques, practices, parts, materials, tools, equipment and test apparatuses that are

(a) Specified for the aeronautical product in the most recent maintenance manual or instructions for continued airworthiness developed by the manufacturer of that aeronautical product;

(b) Equivalent to those specified by the manufacturer of that aeronautical product in the most recent maintenance manual or instructions for continued airworthiness; or

(c) In accordance with recognised industry practices at the time the maintenance or elementary work is performed.

(2) A person who performs maintenance or elementary work pursuant to subsection (1) shall ensure that any measuring device or test equipment used

(a) Meets the specifications of the manufacturer of the aeronautical product with respect to accuracy, taking into account the intended use; and

(b) If calibration requirements are published by the manufacturer of the measuring device or test equipment, is calibrated by means traceable to a national standard.

(Amended 2003/06/01; [previous version](#))

### **Certification**

Owners of Amateur Built aircraft are reminded that when maintenance is performed that a Maintenance Release must be entered in the technical records of the aircraft in accordance with CAR's 571.10.

### **571.10 Maintenance Release**

(1) No person shall sign a maintenance release required pursuant to [Section 605.85](#) or permit anyone whom the person supervises to sign a maintenance release, unless the standards of airworthiness applicable to the maintenance performed and stated in [Chapter 571](#) of the *Airworthiness Manual* have been complied with and the maintenance release meets the applicable requirements specified in [section 571.10](#) of the *Airworthiness Manual*.

(2) A maintenance release shall include the following, or a similarly worded, statement:

**"The described maintenance has been performed in accordance with the applicable airworthiness requirements."**

*Information Note:*

*(1) When an entry is made in the aircraft technical records to the effect that the required test and calibration of the IFR equipment has been performed, details of the work performed must be recorded in the aircraft technical record in accordance with CAR's 605.92 and 605.93.*

*(2) CAR's 571.11 identifies that a person who is the owner of an Amateur Built aircraft or an AME appropriately rated, may make a maintenance release in accordance with CAR's 571.10*

### **Documentation to Transport Canada for Removal of "VFR ONLY" Restriction**

Submit a request in writing to the Minister at one of the Transport Canada Centers, requesting that the Operating Conditions be amended and enclose the following:

- 1) Copies of Technical Records detailing, Statement of Compliance, correlation check, the work performed and the certification of the work performed.
- 2) A copy of the front page of the applicable logbook that shows the registration and general aircraft information.
- 3) A copy of the Weight and Balance, (including an equipment list), amendment if applicable.
- 4) A Fee of \$35.00 (Make check or money order payable to the "Receiver General for Canada").

### **Maintenance of IFR Equipment**

Owners of Amateur Built aircraft that have had the "VFR ONLY" Operating Condition removed are reminded that the Equipment required by CAR 605.18, and 605.35 shall be maintained in accordance with the requirements specified in Standard 625 Appendix "C" (Out of Phase Tasks and Equipment Maintenance Requirements).