

Simplified One-off Aerobatic Demonstration

The owner shall:

1 - apply to the nearest Transport Canada Centre for a Flight Permit - Specific Purpose -- Simplified aerobatic demonstration, and remit the applicable fees;

2 - as required by paragraph (41) of Appendix A - Standards of Design and Construction for Amateur-Built Aircraft of the EXEMPTION FROM SECTION 549.01 OF THE CANADIAN AVIATION REGULATIONS AND CHAPTER 549 OF THE AIRWORTHINESS MANUAL – AIRWORTHINESS STANDARDS - AMATEUR-BUILT AIRCRAFT, dated 2006-08-30, install, in the aeroplane, a peak recording accelerometer;

3 - carry out the mechanical evaluation in accordance with paragraph 5(b) of AMA 549.101A, dated 1996-04-01;

4 - enter the following statement in the aircraft's journey log:

"I hereby certify that I have carried out a mechanical evaluation of aircraft model , serial number , nationality and registration marks C-.... , using section 6(b), part B of Airworthiness Manual Advisory 549.101A, and found the aircraft in compliance with the requirement.

Signature : Date : "

5 - record in the journey log the pilot's qualifications with respect to the aerobatic manoeuvres demonstration.

Signature : Date :

Information Note:

The pilot demonstrating the aerobatic manoeuvres should have some knowledge and experience in performing aerobatics. This may include either the holder of a current Aerobatic Flight Demonstration Certificate issued by Transport Canada, a Designated Airworthiness Representative (Flight Test), the holder of a current Statement of Aerobatic Competency issued by the FAA, current aerobatic instructors and members of recognised aerobatic organisations, or current and former military pilots with recognised training in aerobatics.

6 - perform those aerobatic manoeuvres for which the aerobatic authorisation is requested, in accordance with paragraph 5(c) of AMA 549.101A;

7 - note the maximum load factors experienced during aerobatic manoeuvres and enter in the aircraft's journey log;

8 - enter the following statements in the aircraft's journey log:

"I hereby certify that I have investigated and established the flutter, vibration, and buffeting, stall and departure manoeuvres, and spinning characteristics of aircraft model , serial number , nationality and registration marks C-.... , using paragraphs 6(c)(3) and 6(c)(4), part B of Airworthiness Manual Advisory 549.101A".

"I have performed the following aerobatic manoeuvres: (list manoeuvres performed)".

"I am satisfied that no unsafe features are evident.

Signature : Date : "

9 - install, in plain view of the pilot, a placard listing the demonstrated manoeuvres:

The following aerobatic manoeuvres, and combinations thereof, may be performed in this aeroplane:

1.
2.
3.

10 - enter the following statement in the aircraft's journey log:

"I hereby certify that I have installed in aircraft model , serial number , nationality and registration marks C-.... , in plain view of the pilot, a placard listing the demonstrated aerobatic manoeuvres which may be performed in this aircraft, specifically, (list manoeuvres).

Signature : Date : "

11 - apply to the nearest Transport Canada Centre, for the issuance of revised operating conditions to the aircraft's Special Certificate of Airworthiness - Amateur-built, providing a copy of the aircraft's journey log containing the above-detailed entries, and remit the applicable fees.

Transport Canada will re-issue the Operating Conditions (24-0090) sheet that is part of the aircraft's flight authority, delete the "aerobatic flight is prohibited" condition and replace it with the following operating condition:

"Based on the owner's declaration that aircraft model , serial number , nationality and registration marks C-.... , was the subject of a mechanical and flight evaluation, as per Airworthiness Manual Advisory 549.101A, and that the owner is satisfied that no unsafe features are evident, this aircraft is authorized to perform the following aerobatic manoeuvres : (list manoeuvres)".