

Transport
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No. CF-65-01

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to Canadian Aviation Regulation (CAR) 593. Pursuant to CAR 605.84 and the further details of CAR Standard 625, Appendix H, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with CAR 605.84 and the above-referenced Standard.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

65-1 BEECH

Applies to all Beech Models C18S, C-45F, D18S, C-45G, TC-45G, C-45H and TC-45H Seaplanes with Edo 56-7850A floats installed.

Compliance required as indicated.

As a result of a failure and cracking of front float struts, Edo P/N 55-S-013, the strut shall be inspected, repaired, or replaced, as follows:

(a) Inspection

(1) Struts, P/N 55-S-013, shall be stripped of paint in the area of the top end of the lower fitting and inspected visually with a 10 power magnifying glass within the next 25 hours in service and within every 100 hours in service from the last inspection, unless inspected in accordance with (2) below.

(2) As an alternate to (1), an x-ray inspection may be conducted within the next 25 hours in service in accordance with Bristol Aero- Industries Ltd. Engineering Memorandum No. 14518 Issue C with the repetitive visual inspection conducted once every 12 months thereafter.

(3) Struts, P/N 55-S-013, shall be stripped of paint at all welds and inspected visually with a 10 power magnifying glass within the next 100 hours in service (unless already accomplished within the last 12 months) and within every 12 months thereafter.

(b) Repair

Struts with cracks not over 1/2 inch in length may be repaired in accordance with Bristol Engineering Memorandum 14518 or an equivalent method approved by a DOT Regional Aeronautical Engineer. Inspections in Accordance with (a) (1) must be conducted within every 25 hours in service until the repair is accomplished.

(c) Replacements

Struts with cracks over 1/2 inch in length must be replaced before further flight with struts of the same part number, or a DOT approved equivalent, except that one flight may be made (after the aircraft is certified as being capable of safe flight) with no passengers to a base where replacements are to be made.

(d) Reports

Struts which are found to be cracked following the inspection required in paragraph (a)(1), (2) or (3) shall be reported to the Regional Airworthiness Inspector.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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