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No. CF-83-09R2

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.

CF-83-09R2 DE HAVILLAND

Applies to all Boeing Canada, de Havilland Division Model DHC-2 Mk I and Mk II Beaver aircraft equipped with EDO Model 679-4930 floats, or floats or amphibious floats listed in Type Approval Number A-22, at Issue 20, but not equipped with fins as specified below.

Compliance is required before further flight, unless already accomplished.

Flight tests indicate that a DHC-2 Beaver Mk I or Mk II equipped as a floatplane, or an amphibious floatplane, may exhibit hazardous adverse directional stability when not equipped with fins as specified below.

To eliminate this hazardous condition, accomplish the following:

For DHC-2 Mk I and Mk II aircraft equipped with EDO Model 679-4930 floats, but not equipped with fins specified below, install one of the following fin installations:

a) Ventral fin, de Havilland part number (P/N) C2-UF-2557A, or de Havilland ventral fins P/N C2-UF-235 or C2-UF-631 modified in accordance with de Havilland Engineering Bulletin B6 dated 18 August 1958. The ventral fin support structure must be incorporated as detailed in the de Havilland drawing C2-FS-3067 before installation of the ventral fin; or

b) Ventral fin, Wipline P/N 9D2-105, in accordance with Wipline drawing number 5R1-417; or

c) Auxiliary vertical seaplane fins (Kenmore Air Harbor Inc.), in accordance with FAA STC SA456NW, issued 2 June 1977.

2. For DHC-2 MK I aircraft equipped with floats or amphibious floats as listed in Type Approval Number A-22, at Issue 20, but not equipped with fins specified below, install one of the following fin installations:

a) Ventral fin, de Havilland P/N C2UF-235A, C2UF-631A or C2UF-2557A, according to de Havilland Service Bulletin No. 2/35 Revision A, dated 12 August 1983; or

b) Auxiliary vertical seaplane fins (Kenmore Air Harbor Inc.), in accordance with FAA STC SA456NW, issued 2 June 1977; or

c) Auxiliary vertical stabilizer fins (Jobmaster Inc.), in accordance with FAA STC SA309NW, issued 15 June 1976; or

d) Stabilizing fins, Wipline P/N 5B3-461, in accordance with Wipline drawing number 5R1-417; or

e) Ventral fin, Wipline P/N 9D2-105, in accordance with Wipline drawing number 5R1-417.

Alternate means of compliance with the requirements of this directive may be used only if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa. Any application should be made to the appropriate regional office.

This revision supersedes and cancels Airworthiness Directive (AD) CF-76-15 which became effective 25 August 1976. This revision also supersedes AD CF-83-09R1 issued on 2 March 1989.



Documents

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This directive becomes effective 8 April 1991.

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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