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No. CF-93-22

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-93-22 DE HAVILLAND

Applies to all models of de Havilland Inc. DHC-2 "Beaver" aircraft.

Compliance is required as follows:

- (a) Inspection:
 - (i) Initially, within 10 flight hours after the effective date of this directive; and
 - (ii) Subsequently, at each annual inspection.
- (b) Rectification of deficiencies found during inspection:
 - (i) Within 90 days after the initial inspection; and
 - (ii) Subsequently, at each annual inspection.

It has been reported that door operating instructions, which had been applied to the inside face of each door, may no longer be legible due to their extensive period in service and/or the refurbishing or repair of the aircraft. This has resulted in the inability of passengers to exit DHC-2 aircraft after accidents.

To provide aircraft occupants with clear door operating instructions, accomplish the following:

A. Inspection

The initial inspection may be performed by a pilot qualified under Airworthiness Manual Chapter 575, paragraphs 575.109(a)(1) and (2), Appendix A item (22) and Appendix B item (9).

Inspect all exits and determine whether the method of opening is clearly identified with placards located on the inside face of all doors. Any exit placard that is missing or is not clearly legible, or door operating instructions that are stencilled, must be replaced in accordance with part B of this directive.

The placards must satisfy the following requirements:

Note: The placard lettering must be durable and of a colour contrasting to its background to provide maximum legibility.

1. All doors (except DHC-2 Mk. III "Turbo-Beaver" front right door):

The word **"EXIT"** must be located below the lower edge of the window. Minimum lettering height is 0.60 inch.

The words **"TURN"** and **"PUSH"** must be located adjacent to the latch handle. Minimum lettering height is 0.40 inch. These words must be accompanied by an arrow pointing in the direction of the handle rotation required to unlatch the door. The arrow must be located immediately adjacent to the door handle.

2. DHC-2 Mk. III "Turbo-Beaver" front right door:

The word **"EXIT"** must be located below the lower edge of the window. Minimum lettering height is 0.30 inch.

The words **"OPEN FRONT DOOR"** and **"TURN HANDLE DOWN"** must be located below the window sill. Minimum lettering height is 0.18 inch. These words must be accompanied by an arrow pointing in the direction of movement of the handle required to unlatch the door.

3. Front doors with sliding locks on the lower window sill:

The words **"UNSCREW TO UNLOCK"** must be accompanied by a horizontal arrow pointing towards the forward edge of the door and must be located immediately below the sliding lock. Minimum lettering height is 0.35 inch.

B. Rectification

Rectify deficient door operating instruction placards in accordance with de Havilland Service Bulletin No. 2/45, Revision A, dated 16 April 1993, or later revisions if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

Alternative 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 directive becomes effective 25 October 1993.

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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