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No. CF-98-03

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-98-03 DE HAVILLAND

Applies to all de Havilland Inc. Model DHC-7 aircraft.

Compliance is required as indicated.

Service experience indicates that as aircraft become older, they are more likely to exhibit indications of corrosion. Transport Canada, in conjunction with other airworthiness authorities, has committed itself to ensuring that additional maintenance programs for older aircraft are developed and implemented to minimize and control corrosive deterioration that could jeopardize airworthiness. de Havilland Inc., as the manufacturer of the DHC-7 aircraft, has developed a Corrosion Prevention and Control Program which identifies specific areas that must be inspected to ensure the structural integrity of the DHC-7 fleet.

To maintain corrosion to Level 1 or better, accomplish the following:

A. Perform all of the Corrosion Tasks (CT) specified in Part 3 of the de Havilland DHC-7 Corrosion Prevention and Control Manual, PSM 1-7-5 (hereafter referred to as "the Manual") dated 13 May 1997 or later revisions approved by the Director, Aircraft Maintenance & Manufacturing, Transport Canada, Ottawa, by performing the basic tasks defined at paragraph 3.0 of the Manual, in accordance with the following schedule:

1. Initial compliance:

(a) For aircraft produced before 1 January 1986:

- before 31 December 2000 or 20 years after the aircraft's production date, whichever occurs later.

(b) For aircraft produced after 31 December 1985:

- before 31 December 2005.

2. Subsequent compliance, for all aircraft:

(a) At intervals not to exceed the Repeat Interval (R) specified in the Manual; or

(b) After the initial completion of each CT in accordance with this directive, the local regulatory authority may authorize the incorporation of the CT requirement into the operator's approved maintenance schedule. The initial completion of all CTs in accordance with this directive and subsequent amendment of the approved maintenance schedule will represent terminating action for this directive.

B. Any corrosion found is to be addressed in accordance with the references specified in paragraph 4.0 of the Manual. Any rework or parts replacement resulting from performing the CTs may be deferred up to 30 calendar days.

Note: Corrosion level determinations are to be based on the definitions contained in the introduction of the Manual.

C. Within three working days of confirming Level 3 corrosion, advise the local airworthiness authority in the format specified in paragraph 5.0 of Part 3 of the Manual or by using a Service Difficulty Report where



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applicable. Within ten days of confirming Level 3 corrosion submit, to the local airworthiness authority, either a plan for performing the CT in the affected area(s) on the remainder of the operator's fleet or data substantiating that the Level 3 corrosion found is an isolated case. de Havilland Inc. is to be advised of Level 2 and Level 3 corrosion as specified in paragraph 5.0 of Part 3 of the Manual.

Compliance with paragraph A.2(b) above constitutes terminating action for this directive.

Alternative means of compliance with the requirements of this directive may be used only if approved by the Director, Aircraft Certification, Transport Canada, Ottawa. Application should be made to the appropriate Transport Canada Centre.

This directive becomes effective 10 April 1998.

For Minister of Transport

W. Miller
for B. Goyaniuk
Acting Chief, Continuing Airworthiness

Further information regarding the contents or interpretation of this directive may be obtained from your nearest Transport Canada Centre, or by contacting directly Mr. Ramon A. Raoux, Transport Canada, Continuing Airworthiness Division, Ottawa, telephone (613) 952-4365, facsimile (613) 996-9178 or Internet e-mail: raouxr@tc.gc.ca.

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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