



No.	<b>CF-2006-12</b>	1/1
Issue Date	<b>5 June 2006</b>	

# 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.

**Number:** CF- 2006-12

**Subject:** Inspection of Forged Vertical Stabilizer Supports and Vertical Stabilizer

**Effective:** 5 July 2006

**Applicability:** Bell Helicopter Textron Canada (BHTC) Model 206 A/B helicopters, serial numbers 004 through 3906, having two-piece fin supports, part numbers 206-031-417-003/-007 and 206-031-418-001/-005.

**Compliance:** As indicated.

**Background:** Investigation of a recent accident revealed that the vertical stabilizer (fin) supports had failed. While conducting the investigation, it was observed that the tail boom vertical fin supports and the adjoining mating surface of the vertical fin inserts were painted. Painting of these surfaces is not appropriate since the paint coating may affect the fixity of the installation. In addition, paint on the supports may affect the inspectability of the joint.

Transport Canada has been made aware of other installations that have been painted, and therefore require a one-time inspection of the vertical fin mating surfaces to ensure an appropriate surface finish.

In addition, a recurring check of the vertical stabilizer attaching hardware is required to maintain the structural integrity of the joint. This corrective action is specific to the earlier designed tail boom that utilized forged supports.

**Corrective Actions:**

1. At the next scheduled 100-hour or annual inspection, but no later than three (3) months after the effective date of this directive, accomplish the inspection and restoration as indicated for the applicable vertical stabilizer and its supports as per Alert Service Bulletin 206-06-107, or later revisions approved by Chief, Continuing Airworthiness Transport Canada.
2. Amend the maintenance program as specified in BHT-206A/B-Series-MM, Revision 4, to require a recurring torque check of the vertical stabilizer attaching hardware at the scheduled 100-hr / annual inspection.

**Authorization:** For Minister of Transport, Infrastructure and Communities

R. William Taylor  
for B. Goyaniuk  
Chief, Continuing Airworthiness

**Contact:** Mr. Bill Taylor, Continuing Airworthiness, Ottawa, telephone (613) 952-4366, facsimile (613) 996-9178 or e-mail [taylorw@tc.gc.ca](mailto:taylorw@tc.gc.ca) or any Transport Canada Centre.

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 [www.tc.gc.ca/civilaviation/communications/centre/address.asp](http://www.tc.gc.ca/civilaviation/communications/centre/address.asp)

