



No.	<b>CF-2007-03</b>	1/2
Issue Date	<b>27 March 2007</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-2007-03

**Subject:** Horizontal Stabilizer - Manufacturing Flaws

**Effective:** 12 April 2007

**Applicability:** Bell Helicopter Textron Canada (BHTC), Models: 206L series and 407.

**Compliance:** As indicated unless already accomplished

**Background:** Horizontal stabilizers part numbers 206-023-119-167 and 407-023-801-109 may have manufacturing flaws on the inside surface of the upper and/or lower skin at the tailboom attachment inserts. These flaws may result in cracking of the skin and failure of the horizontal stabilizer.

This directive mandates replacement of affected horizontal stabilizers.

**Corrective Actions:** **1. Serial Number Verification**

Verify the serial number of the horizontal stabilizer within the next 100 hours air time but no later than 9 May 2007, in accordance with Part I of the applicable Alert Service Bulletin (ASB) listed below or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Helicopter Model	Alert Service Bulletin	Serial Numbers
206L series	ASB 206L-06-141	BP1516, -1519, -1521, -1530, -1533, -1536, -1539, -1542, -1560, -1566, -1569, -1572, -1584, -1587, -1607, -1608, -1610, -1612, -1615, -1622, -1629, -1630, -1631, -1634, -1643, -1646, -1659.
407	ASB 407-06-72	BP725, -750, -751, -752, -753, -756, -758, -760, -765, -769, -770, -771, -775, -776, -778, -779, -780, -781, -785, -787, -788, -789, -790, -795, -796, -797, -800, -801, -802, -803, -805, -829.

If horizontal stabilizer of the serial number listed above has been installed on the helicopter, accomplish Part 2 of this directive.

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)



## **2. Inspection**

Inspect the affected parts in accordance with Part II of the applicable ASB, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Replace the damaged parts before further flight. If parts are not damaged, repeat this inspection at every 600 hours air time or annual inspection, whichever occurs first.

## **3. Terminating Action - Part Replacement**

Replace the affected horizontal stabilizer no later than 30 September 2008, in accordance with Part III of the applicable Alert Service Bulletin, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

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

B. Goyaniuk  
Chief, Continuing Airworthiness

**Contact:** Mr. Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone 613-952-4450, facsimile 613-996-9178 or e-mail [gajewsb@tc.gc.ca](mailto:gajewsb@tc.gc.ca) or any Transport Canada Centre.