



No.	<b>CF-2007-07</b>	1/1
Issue Date	<b>11 April 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-2007-07

**Subject:** Tail Rotor Pitch Change Mechanism

**Effective:** 24 April 2007

**Applicability:** Bell Helicopter Textron Canada (BHTC) Models: 222, serial number 47006 through 47089; 222B, serial number 47131 through 47156; 222U, All Serial Numbers.

**Compliance:** At the next 150 hour or annual inspection but no later than 31 December 2007, unless already accomplished.

**Background:** It has been determined that the existing rigging procedures for the tail rotor pitch change mechanism have to be changed due to possibility of parts interference. This AD mandates verification of the tail rotor pitch change mechanism and new rigging procedures.

**Corrective Actions:**

1. Verify the existing rigging of the tail rotor pitch change mechanism in accordance with Accomplishment Instructions provided in applicable Alert Service Bulletin (ASB) listed below, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Helicopter Model	Applicable Alert Service Bulletin
222 and 222B	222-07-104 issued 9 January 2007
222U	222U-07-75 issued 9 January 2007

2. Verify if the tail rotor yoke replacement is required, as per Item 3 of Accomplishment Instructions of applicable ASB. If required, replace the yoke with airworthy part.
3. Perform a new rigging procedure as per Accomplishment Instructions of the applicable ASB 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.

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)

