



No.	CF-2007-13R1	1/1
Issue Date	13 May 2008	

# 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-2007-13R1
- Subject:** Power Turbine RPM Steady State Operation Avoidance
- Effective:** 28 May 2008
- Revision:** Supersedes Airworthiness Directive (AD) CF-2007-13 dated 24 August 2007.
- Applicability:** Bell Helicopter Textron Canada (BHTC) Model 206B series helicopters including those converted from model 206A, serial numbers up to 4648, and 206L helicopters serial numbers 45004 through 45153 and 46601 through 46617.
- Compliance:** As indicated, unless already accomplished.
- Background:** Transport Canada has been advised of several third stage turbine wheel failures used in Rolls Royce 250-C20 engines. Rolls-Royce has determined that detrimental vibrations can occur within a particular range of turbine speeds which are a potential contributing factor to these failures. BHTC has revised the rotorcraft flight manuals and provided a decal to inform pilots to avoid steady state operations at these engine turbine speeds.
- Corrective Actions:**
- Part A: Rotorcraft Flight Manual Amendment**
1. Within 10 calendar days after the effective date of this directive, update the applicable Flight Manuals by inserting appropriate flight manual revisions dated 5 November 2007:
    - Model 206B – revision B-49
    - Model 206B3 – revision 10
    - Model 206L – revision 27

or later approved revisions.
  2. Advise the pilots of this change.
- Part B: Installation of Decal**
- In conjunction with Part A above, install the decal as per Alert Service Bulletin (ASB) 206-07-115 Revision B, dated 5 May 2008 or 206L-07-146 Revision A, dated 15 January 2008, as applicable, or later revisions approved by Chief, Continuing Airworthiness, Transport Canada.
- Authorization:** For Minister of Transport, Infrastructure and Communities
- Derek Ferguson  
Acting 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 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)

