



No. CF-2007-13R2	1/1
Issue Date 10 November 2009	

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), National Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

- Number:** CF- 2007-13R2
- Subject:** Power Turbine RPM Steady State Operation Avoidance
- Effective:** 9 December 2009
- Revision:** Supersedes Airworthiness Directive (AD) CF-2007-13R1 dated 13 May 2008
- Applicability:** Bell Helicopter Textron Canada (BHTC) Model 206B series helicopters including those converted from model 206A, serial numbers up to 4675, and 206L helicopters serial numbers 45001 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.
- This revision mandates a new Flight Manual Amendment and installation of a new decal.
- 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 8 December 2008:
 - Model 206B, Revision B-50
 - Model 206B3, Revision 11
 - Model 206L, Revision 28
 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 C, dated 4 February 2009 or 206L-07-146 Revision B, dated 03 March 2009, as applicable, or later revisions approved by Chief, Continuing Airworthiness, Transport Canada.

Authorization: For Minister of Transport, Infrastructure and Communities

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Mr. Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail [CAW WEB Feedback@tc.gc.ca](mailto:CAW_WEB_Feedback@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

