



No.	CF-2013-26	1/1
Issue Date	24 September 2013	

# 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) 521 Division X**. 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-2013-26
- Subject:** Main Rotor Hub to Main Rotor Mast Attachment - Bolt Life limitation
- Effective:** 8 October 2013
- Applicability:** Bell Helicopter Textron Canada Ltd. model 430 helicopters, serial numbers 49001 through 49129.
- Compliance:** Within 60 days from the effective date of this AD, unless already accomplished.
- Background:** It has been discovered that the main rotor hub to main rotor mast attachment bolts, part number (P/N) 20-065-08083, having a retirement life of 5000 hours air time, have been replaced with bolts P/N MS21250-08083 in 2009. However, the retirement life of this new bolt was inadvertently omitted in Chapter 4 of the Bell 430 Maintenance Manual. This situation, if not corrected, could result in bolt failure and loss of control of the helicopter. This AD mandates a life limit of 5000 hours air time for all the affected bolts.
- Corrective Actions:**
- A. Review the aircraft records for the presence of P/N MS21250-08083 main rotor hub to main rotor mast attachment bolts and if applicable, create a historical service record for each P/N MS21250-08083 replacement bolt, in accordance with the Accomplishment Instructions of Alert Service Bulletin (ASB) 430-12-47 dated 6 November 2012, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
  - B. Insert BHT-430-MM Revision 19, dated 1 November 2012 in the operator's copy of the Bell 430 Maintenance Manual to introduce a new Airworthiness Life for the main rotor hub to main rotor mast attachment bolt, P/N MS21250-08083, and incorporate this new Airworthiness Life into the Transport Canada approved Maintenance Schedule.
- Authorization:** For the Minister of Transport,
- ORIGINAL SIGNED BY*
- Derek Ferguson  
Chief, Continuing Airworthiness
- Contact:** Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail [AD-CN@tc.gc.ca](mailto:AD-CN@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)