



No.	<b>CF-2009-12</b>	1/1
Issue Date	<b>24 March 2009</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), National Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

**Number:** CF-2009-12

**Subject:** Corrosion of Tail Rotor Balance Weights

**Effective:** 4 May 2009

**Applicability:** Eurocopter Canada BO 105 LS A-3 helicopters.

**Compliance:** Initially, within the next 2 months or 100 hours air time, whichever occurs first after the effective date of this directive, unless already accomplished. Thereafter at intervals not exceeding 600 hours air time or 48 months, whichever occurs first.

**Background:** During a periodical inspection, corrosion was detected on the tail rotor balance weights in the area of the attachment thread.

This condition, if not corrected, could lead to balance weight separation from the tail rotor, resulting in severe vibration and consequent loss of control of the helicopter.

**Corrective Actions:** Perform the initial and repeat inspections of the tail rotor balance weights and control levers in accordance with the accomplishment instructions of Eurocopter Canada Alert Service Bulletin (ASB) BO 105 LS 30-12, dated 12 December 2008, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

If, as a result of the inspections above, the detected damage exceeds the acceptable limits specified in ASB BO 105 LS 30-12, replace the affected parts with serviceable parts before next flight. Replacement of parts does not constitute terminating action for the repetitive inspection requirements of this directive.

**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: bogdan.gajewski@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**

