



No.	CF-2009-14	1/1
Issue Date	15 April 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-2009-14

Subject: Anti-drive Link Assembly – Incorrect Installation of Bearing

Effective: 6 May 2009

Applicability: Bell Helicopter Textron Canada (BHTC) Helicopter Models 407 and 427 with anti-drive link assembly Part Number (P/N) 406-010-432-101 with a serial number prefix TI or TIFS. Models affected:

Model 407 - serial number 53000 through 53887, 53890 through 53916, 53918, 53920, 53921, 53923 through 53926, and 53928.

Model 427 - serial number 56001 through 56074, 58001 and 58002.

Compliance: Within the next 10 flight hours, but no later than 30 days from the effective day of this directive, unless already accomplished.

Background: During preflight check it was observed that the swashplate link assembly bearing P/N 406-310-403-101 had moved in the lever race making contact with the swashplate support. Further investigation has revealed that the bearing had not been staked correctly during manufacture.

This situation, if not corrected, could lead to loss of control of the helicopter.

Corrective Actions: Perform a one time inspection and if required, rectification, of the anti-drive link assembly P/N 406-010-432-101 to ensure that bearing P/N 406-310-403-101 is correctly staked in the link assembly in accordance with accomplishment instructions provided in applicable Alert Service Bulletin listed below, or later revisions approved by the Chief, Continuing Airworthiness.

Helicopter Model	Alert Service Bulletin
407	407-09-87 – dated 27 March 2009
427	427-09-24 Rev A – dated 30 March 2009

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.