



No.	CF-2001-32	1/1
Issue Date 13 August 2001		

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-2001-32

Subject: Bell 407 – Forward Bearing Hanger Support

Effective: 20 August 2001

Applicability: Bell Helicopter Textron Canada (BHTC) Model 407 helicopters, serial numbers 53000 to 53442 with flywheel 407-040-316-101 installed.

Compliance: When indicated.

Background: Bell has received reports of cracks in the forward bearing hanger support P/N 407-040-321-101. None of the incidents has resulted in the loss of tail rotor drive or tail rotor control. Pending remedial action for affected helicopters, this directive introduces a recurring 25-hour inspection to check the forward hanger support for cracks.

Corrective Actions:

1. Initially, within 25 hours air time after the effective date of this directive, and subsequently at intervals not to exceed 25 hours air time, perform a visual inspection of the forward bearing hanger support P/N 407-040-321-101/-103 as described in BHTC Alert Service Bulletin 407-01-39, Revision A dated 30 May 2001, or later revisions approved by the Director, Aircraft Certification, Transport Canada.
2. If a crack is detected, replace the affected support before further flight, and submit a Service Difficulty Report (SDR).

Authorization: For Minister of Transport

for B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Luc Deniger, Continuing Airworthiness, Ottawa, telephone (613) 952-5385, facsimile (613) 996-9178 or e-mail denigel@tc.gc.ca or any Transport Canada Centre.