



No.	CF-2001-30R1	1/1
Issue Date 10 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-2001-30R1

Subject: Bell 407 – Fuel Line

Effective: 10 August 2001

Revision: Supersedes Airworthiness Directive (AD) CF-2001-30 issued 1 August 2001.

Applicability: Bell Helicopter Textron Canada (BHTC) Model 407 helicopters, S/N 53000 through 53174.

Compliance: When indicated, but no later than 31 December 2001, unless already accomplished.

Background: It has been determined that the main fuel feed line, which is located between the aft fuel boost pump assembly and the top fuel cell fitting, may chafe on the top of the fuel cell standpipe. If not corrected, this could cause the fuel feed line to chafe through, allowing fuel leakage and/or air to enter the fuel supply to the engine which could cause an engine flameout.

Corrective Actions:

1. Within 50 hours air time after the effective date of this directive, perform an inspection to confirm satisfactory condition of fuel line 70-061V000V444A and replacement if required, in accordance with BHTC Alert Service Bulletin (ASB) 407-01-42 dated 5 April 2001 or later revision approved by Director, Aircraft Certification, Transport Canada.
2. Within 300 hours air time after the effective date of this directive, replace the standpipe P/N 407-062-041-101 with 407-062-032-103 and tube assembly P/N 407-062-011-101 with 407-062-034-101 in accordance with the above mentioned ASB.

Authorization: For Minister of Transport

for B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone (613) 952-4450, facsimile (613) 996-9178 or e-mail gajewsb@tc.gc.ca or any Transport Canada Centre.