Bell Helicopter Textron Canada (BHTC) 407 Series Helicopters

AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.1 (1) of CAR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

AD/BELL 407/16 Fuel Filler Cap Electrical Bonding 12/2001

Applicability: Model 407 helicopters, serial numbers 53000 to 53479 inclusive.

Requirement: If not previously accomplished, incorporate BHTC Alert Service Bulletin 407-01-41 dated 23 May 2001.

Note: Transport Canada AD CF-2001-34 refers.

Compliance: Before 31 January 2002.

This Airworthiness Directive becomes effective on 29 November 2001.

Background: Transport Canada has advised that inadequate electrical bonding may exist between the retainer assembly part number (P/N) 206-062-304-101, fuel filler cap and adapter assembly P/N 206-362-002-103 and the fuel cell fitting which can cause arcing while refuelling as a result of a static discharge and potentially ignite the fuel vapour.

Compliance with this Directive will ensure the retainer assembly, fuel filler cap and adapter, and fuel cell fitting are electrically bonded.

Eugene Paul Holzapfel
Delegate of the Civil Aviation Safety Authority

17 October 2001

The above AD is notified in the *Commonwealth of Australia Gazette* on 7 November 2001.