AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/BELL 407/14 and issues the following 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.

Bell Helicopter Textron Canada (BHTC) 407 Series helicopters

AD/BELL 407/14 Amdt 1 — Horizontal Stabiliser Slat — 10/2002 DM

Applicability: Model 407 helicopters, serial numbers 53000 to 53498 and 53500 to 53512.

Requirement:

1. Inspection - Helicopters serial number 53000 through 53498 and 53500 through 53503:

   Until installation of the segmented slats, part number (P/N) 407-023-001-103, in accordance with BHTC Alert Service Bulletin (ASB) 407-02-52 is accomplished, perform a daily visual inspection of the slats in accordance with Part I of ASB 407-02-52, dated 20 March 2002.

2. New Slats Installation - Helicopters serial number 53000 through 53498:

   Install segmented slats P/N 407-023-001-103 in accordance with Part II of ASB 407-02-52.

3. Slat Installation and Identification - Helicopters serial number 53500 through 53503 with the new factory installed slats:

   Re-install and identify factory installed segmented slats P/N 407-023-001-103 in accordance with Part III of ASB 407-02-52.

4. Slat Installation and Identification - Helicopter serial number 53504 through 53512 with the new factory installed slats:

   Install identification plates on existing factory installed segmented slats P/N 407-023-001-103 in accordance with Part IV of ASB 407-02-52.

Note: Transport Canada AD CF-2000-09R1 refers.

Bell Helicopter Textron Canada (BHTC) 407 Series helicopters

AD/BELL 407/14 Amdt 1 (continued)

Compliance:

1. At the next daily inspection after 7 August 2002, and thereafter at each daily inspection; until accomplishment of Requirement 2 or Requirement 3, as applicable.

2. Before 1 January 2003.

3. Before 1 January 2003.

4. Before 1 January 2003.

This Directive shall be entered on the Maintenance Release as maintenance required. The Requirement 1 daily visual inspection may be performed and certified by the Pilot in Command who has been trained to do the inspection by an appropriately qualified person. In this case, a copy of the Requirement document and this Directive is to be carried in the aircraft.

This amendment becomes effective on 7 August 2002.

Background: There has been an incident overseas where the horizontal stabiliser slat departed the aircraft. This directive is raised to ensure the security of the slat to prevent possible damage to one of the rotors which could lead to a loss of control of a helicopter. To correct the problem ASB 407-99-32 introduced segmented slat assemblies part number 407-023-001-101.

Amendment 1 is raised in response to the related Transport Canada AD, which mandates a visual inspection prior to modification action, in response to reports of the slat brackets cracking.

The original issue of this Airworthiness Directive became effective on 18 May 2000.

David Alan Villiers
Delegate of the Civil Aviation Safety Authority

31 July 2002

The above AD is notified in the *Commonwealth of Australia Gazette* on 7 August 2002.