

Bell Helicopter **TEXTRON**

A Subsidiary of Textron, Inc.

26 May, 2004

INFORMATION LETTER 407-04-83

TO: All Owners/Operators of Bell 407 series Helicopters

**SUBJECT: M407 – ALTERNATE METHOD OF COMPLIANCE (AMOC)
TO FAA AD 2004-10-07 FOR REPLACEMENT OF TAIL
ROTOR DRIVE SHAFT BEARINGS 406-040-339-ALL.**

**REFERENCES: 1. FAA AD 2004-10-07, Amendment 39-13637, Docket No. 2004-SW-08-AD step “(C)” dated 10 May 2004.
2. Bell ASB 407-04-63 Revision A, dated 3 March 04.
3. FAA Letter: Scott Horn, Manager, Safety Management Group, FAA to Somen Chowdhury, Bell Helicopter, dated 25 May 2004.**

This Information Letter is issued to provide 407 operators with instructions to obtain an AMOC to step “(C)” of FAA AD 2004-10-07.

Sub-step (2) of the subject FAA AD requires the operators to “Replace each oil cooler blower bearings and each segmented drive shaft bearings, P/N 406-040-339-ALL, 407-340-339-101, and 407-340-339-103, with bearing, P/N 407-340-339-107, and perform an operational test. “

It was not intended to force removal of bearing 406-040-339-ALL installed on the segmented shafts, refer to ASB 407-04-63, COMPLIANCE - Part II Tail Rotor Segments. Please note that bearings 406-040-339-ALL are subject to 25-hour inspection / lubrication intervals, in accordance with the schedule, Tables 1 and 2 of ASB 407-04-63.

- NOTE -

There is no need to apply to the FAA for Alternate Method of Compliance (AMOC) if you meet the intent of the attached letter from the FAA.

Refer to the attached letter from the Federal Aviation Administration for your authority to apply the AMOC.

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U.S. Department
of Transportation
**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

DOT/FAA
ASW-111
Fort Worth, TX 76193-0111

May 25, 2004

Mr. Somen Chowdhury
Bell Helicopter Canada
12800, rue de l'Avenir
Mirabel Quebec J7J 1R4, Canada

Dear Mr. Chowdhury:

FAA Airworthiness Directive (AD) 2004-10-07, dated May 5, 2004, superseded existing AD 2002-06-52, dated March 15, 2002. This is an Alternate Means of Compliance (AMOC) for AD 2004-10-07 for your Bell Model 407 helicopters.

The AD mandates specific scheduled replacement, inspections, and lubrications of all Bell Model 407 helicopter engine oil cooler blower shaft bearings on the tail rotor in position 1 and 2 and tail rotor segmented drive shaft on positions 3 through 6.

This AMOC is for the tail rotor segmented drive shaft bearings with part number (p/n) 406-040-339-ALL on positions 3 through 6 ONLY. All other bearings and positions must comply with the AD. Bearing p/n 406-040-339-ALL may continue to be used on the tail rotor segmented drive shaft positions 3 through 6 with inspection and lubrication intervals not to exceed 25 hours time in service. This is an acceptable AMOC for the above requirements of AD 2004-10-07 for your Bell Model 407 helicopter.

If you have any questions regarding the above information, you may contact Monica Merritt at (817) 222-5115.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Horn".

Scott Horn
Manager, Safety Management Group
Rotorcraft Directorate