

JUN 16 2014

ALERT SERVICE BULLETIN

407-14-103

21 May 2014

MODEL AFFECTED: 407

SUBJECT: ENGINE - SPUR ADAPTER GEARSHAFT,
RETAINING RING

HELICOPTERS AFFECTED: Serial number 53000 through 53900, 53911 through 54152, and 54300 through 54502.

[Serial number 54153 through 54299, and 54503 and subsequent will have the intent of this bulletin accomplished prior to delivery.]

COMPLIANCE: See attached Rolls-Royce ALERT Commercial Engine Bulletin CEB A-72-6077.

DESCRIPTION:

The purpose of this bulletin is to achieve complete distribution of the attached vendor bulletin to the current affected model distribution list on record by Bell Helicopter.

APPROVAL:

See attached Rolls-Royce ALERT Commercial Engine Bulletin CEB A-72-6077.

CONTACT INFO:

For any questions regarding this bulletin, please contact the Rolls-Royce Customer Support:

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ALERT

EXPORT CONTROLLED

COMMERCIAL ENGINE BULLETIN



JUN 16 2014
Rolls-Royce®

ENGINE - SPUR ADAPTER GEARSHAFT, RETAINING RING

1. PLANNING INFORMATION

A. Effectivity

(1) Engines

This Commercial Engine Bulletin (CEB) has an effect on all Rolls-Royce series IV engines: C30 series, C40B, and C47 series, identified in paragraph (a) or (b) below.

- (a) All C30 series, C40B, and C47 series engines built prior to May 28, 2013, with less than 200 hours TSN, that have not had the compressor removed for any reason, and those identified in TABLE 1.
- (b) All engines fitted with a Compressor Splined Adapter (P/N 23051117-1) purchased as a spare after May 02, 2009 with one of the serial numbers identified in TABLE 2.

TABLE 1

ENGINE MODEL	S/N up to and including
C30	CAE-900260
C30P	CAE-896173
C30R3M	CAE-413154
C47B	CAE-848574
C47M	CAE-847908
C30M	CAE-897522
C40B	CAE-844290

TABLE 2

Adapter S/N	COMPRESSOR S/N OR ENGINE S/N	Adapter S/N	COMPRESSOR S/N OR ENGINE S/N	Adapter S/N	COMPRESSOR S/N OR ENGINE S/N
UW10582	CAC 91860	UW10598	CAC 91934	UW10617	CAC 44180
UW10583	CAE 890664	UW10599	CAE 899004	UW10618	CAC 98509
UW10584	CAE 410966	UW10601	CAC 99014	UW10619	CAC 44136
UW10585	CAC 44326	UW10602	CAC 90473	UW10620	CAC 44128
UW10586	CAC 44758	UW10603	CAC 44138	UW10621	Unknown
UW10587	CAC 91589	UW10604	CAC 90271	UW10624	CAE 895257
UW10588	CAC 91869	UW10605	CAE 844085	UW10626	CAC 45469
UW10589	CAE 847656	UW10607	CAC 90070	UW10627	CAC 91529
UW10590	CAE 410615	UW10608	CAC 91827	UW10628	CAC 45245
UW10591	CAC 92376	UW10609	CAC 91548	UW10631	CAC 98225
UW10593	CAC 90968	UW106011	CAC 44241	UW10633	Unknown
UW10594	CAE 846019	UW106012	CAC 45415	UW10634	CAC 91756

May 14, 2014

M250-C30 Series
M250-C40B
M250-C47 Series

CEB A-72-3295
CEB A-72-5064
CEB A-72-6077

JUN 16 2014

TECHNICAL BULLETIN

407-14-110

29 May 2014

MODEL AFFECTED: 407

SUBJECT: ADDITION OF HOLES IN SUPPORTS
206-033-311-017, -018 TO EASE THE
REMOVAL/INSTALLATION OF THE TAILBOOM
ASSEMBLY.

HELICOPTERS AFFECTED: Serial numbers 53000 through 53900, 53911
through 54299, and 54300 and subsequent.

COMPLIANCE: At customer's option.

DESCRIPTION:

The removal or the installation of the tailboom assembly from the fuselage requires accessing the tail rotor pitch control tube hardware at two different locations. The addition of in-line holes in the subject supports will eliminate the need to access the hardware in the cabin area while providing an easier access to the flight control hardware located between the two subject flight control supports.

APPROVAL:

The engineering design aspects of this bulletin are Transport Canada Civil Aviation (TCCA) approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

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