

May 31, 2001

TO: **All Owners/Operators of Bell 407 Helicopters**

SUBJECT: **REVISION "A" TO ALERT SERVICE BULLETIN 407-00-34: (ROLLS-ROYCE ALLISON 250-C47B ENGINE SELF-SEALING MAGNETIC CHIP DETECTORS, INSPECTION OF.)**

Revision "A" to this bulletin is issued to advise that Rolls-Royce Allison has issued a Cancellation Notice to CEB A-72-6032.

**MODEL AFFECTED:** 407

**SUBJECT:** ROLLS-ROYCE ALLISON 250-C47B ENGINE  
SELF-SEALING MAGNETIC CHIP DETECTORS,  
INSPECTION OF.

**HELICOPTERS AFFECTED:** all model 407 helicopters with self-sealing magnetic chip detectors as specified in Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-6032.

**COMPLIANCE:** in accordance with Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-6032 and Cancellation Notice. | A

**DESCRIPTION:**

Rolls-Royce Allison has advised Bell Helicopter Textron of reports that during a scheduled inspection, self-sealing magnetic chip detectors were removed and found to contain sufficient metal to illuminate the chip detector warning light in the cockpit. However, there was no corresponding engine chip light illumination reported.

Rolls-Royce Allison believes that the gap on the self-sealing magnetic chip detectors may be too wide. Rolls-Royce Allison is reviewing the sensitivity of the self-sealing magnetic chip detectors.

Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-6032 provides instructions for initial and 50 hour recurring inspection of the self-sealing magnetoc chip detectors.

Revision A of this bulletin is issued to advice that Rolls-Royce Allison has issued a Cancellation Notice to CEB A-72-6032. A copy of the Cancellation Notice is attached. | A

**APPROVAL:**

Not required

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AN APPROPRIATE ENTRY SHOULD BE MADE IN THE AIRCRAFT LOG BOOK UPON ACCOMPLISHMENT  
IF OWNERSHIP OF AIRCRAFT HAS CHANGED PLEASE FORWARD TO NEW OWNER

**MANPOWER:**

Approximately 1.0 man-hour is required to comply with CEB A-72-6032. The man-hours are based on hands-on time, and may change with the personnel and the available facilities.

**MATERIAL:**

Refer to Rolls-Royce Allison Cancellation Notice to CEB A-72-6032.

**| A**

**SPECIAL TOOLS:**

None required

**WEIGHT AND BALANCE:**

Not affected

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

Rolls-Royce Allison Cancellation Notice to CEB A-72-6032.

Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-6032.

Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-6016.

**PUBLICATIONS AFFECTED:**

None.

**ACCOMPLISHMENT INSTRUCTIONS:**

-NOTE-

Bulletin does not apply to aircraft that do not include the self-sealing magnetic chip detectors. Rolls-Royce Allison CEB 72-6016 introduced the self-sealing magnetic chip detector. For more information refer to CEB 72-6016.

- A** | 1. Comply with Rolls-Royce Cancellation Notice to CEB A-72-6032.

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# Rolls-Royce

## P U B L I C A T I O N      T R A N S M I T T A L

April 25, 2001

TECHNICAL ASPECTS ARE FAA APPROVED

### CANCELLATION NOTICE

TO: Recipients of Rolls-Royce Model 250-C30, -C40 and -C47 Series Commercial Engine Bulletins.

SUBJECT: ENGINE ASSEMBLY – INSPECTION OF THE NEW SELF-SEALING MAGNETIC CHIP DETECTORS

This transmittal letter cancels the following bulletin:

<u>Model</u>	<u>Bulletin No.</u>
250-C30 Series	CEB A-72-3248
250-C40 Series	CEB A-72-5027
250-C47 Series	CEB A-72-6032

Replace previous issue of the above bulletin with this cancellation notice.

CUSTOMER SUPPORT  
ROLLS-ROYCE