

ALERT SERVICE BULLETIN

REVISION NOTICE

Bell Helicopter **TEXTRON**
A Subsidiary of Textron Inc.

DATE 07-13-01

TO: **All Owners/Operators of Bell 430 Helicopters**

SUBJECT: **REVISION "A" TO ALERT SERVICE BULLETIN 430-00-15: (ROLLS-ROYCE 250-C40B ENGINE, INSPECTION OF THE SELF-SEALING MAGNETIC CHIP DETECTORS)**

Revision "A" to this bulletin is issued to advise that Rolls-Royce Allison has issued a cancellation notice to CEB A-72-5027.

7851 60046REV 1198

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

ALERT SERVICE BULLETIN

Bell Helicopter **TEXTRON**
A Subsidiary of Textron Inc.

NO. 430-00-15
DATE 02-09-00
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DATE 07-13-01

REV A

MODEL AFFECTED: 430

SUBJECT: ROLLS-ROYCE 250-C-40B ENGINE, INSPECTION OF THE SELF-SEALING MAGNETIC CHIP DETECTORS

HELICOPTERS AFFECTED: All model 430 helicopters with self-sealing magnetic chip detectors as specified in Rolls-Royce Alert Commercial Engine bulletin CEB A-72-5027

COMPLIANCE: In accordance with Rolls-Royce Allison Alert Commercial Engine Bulletin CEB A-72-5027 and Cancellation Notice. | A

DESCRIPTION:

Rolls Royce has advised Bell Helicopter Textron that there have been some reports from the field indicating that during a scheduled inspection, self sealing magnetic chip detectors were removed and found to contain enough metal that should have illuminated the chip detector warning light in the cockpit. However, there was no engine chip light reported.

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

Rolls Royce Alert Commercial Engine Bulletin CEB A-72-5027 provides instructions for initial and recurring 50 hour inspection of the self-closing magnetic chip detectors.

Revision A of this bulletin is issued to advice that Rolls-Royce Allison has issued a Cancellation Notice to CEB A-72-5027. A copy of the Cancellation Notice is attached. | A

7851 55192 REV/ 1199

AN APPROPRIATE ENTRY SHOULD BE MADE IN THE AIRCRAFT LOG BOOK UPON ACCOMPLISHMENT
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APPROVAL:

Not required

MANPOWER:

Approximately 3 man-hours are required to accomplish bulletin at the initial inspection and 1 man-hour at recurring 50 hour inspections. Man-hours are based on hands-on time and may vary with personnel and facilities available.

MATERIAL:

Required Material:

None required

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

Rolls Royce Alert Commercial Engine Bulletin CEB A-72-5027

Rolls Royce Commercial Engine Bulletin CEB 72-5002

Rolls Royce Cancellation Notice to CEB A-72-5027

PUBLICATIONS AFFECTED:

None affected

| A

ACCOMPLISHMENT INSTRUCTIONS:

- NOTE -

Bulletin applies only to aircraft equipped with self-sealing magnetic chip detectors. Rolls Royce CEB 72-5002 introduced the self-sealing magnetic chip detectors for engines S/N 844001 through S/N 844033. Engines S/N 844034 and subsequent were delivered from Rolls Royce with the self-sealing magnetic chip detectors.

- A** | 1. Comply with Rolls-Royce Cancellation Notice to CEB A-72-5027.

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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