

ALERT SERVICE BULLETIN
Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

NO. 430-05-33

DATE FEB 16, 2005

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DATE
REV

MODEL AFFECTED: 430

SUBJECT: INTRODUCTION OF RETIREMENT LIFE FOR THE SERVO ACTUATOR TO ACTUATOR SUPPORT BOLTS P/N 50-047C8-31

HELICOPTERS AFFECTED: Model 430 helicopters serial number 49001 through 49106.

[Model 430 helicopters serial number 49107 and subsequent will have the intent of this bulletin accomplished prior to delivery]

COMPLIANCE: Within 150 hours following the receipt of this bulletin.

DESCRIPTION:

The purpose of this bulletin is to introduce an airworthiness limitation life of 5,000 hours to the servo actuator to actuator support attachment bolts. Since these bolts have not previously been listed in the Helicopter Component Replacement record, it is difficult to determine with accuracy the actual number of hours accumulated on fielded bolts.

Bell Helicopter has therefore elected to replace all the fielded actuator to actuator support bolts.

APPROVAL:

The engineering design aspects of this bulletin are T.C.C.A. approved.

MANPOWER:

Approximately 2.0 man-hours are required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

Warranty:

Owner Operators of the affected helicopters who comply with the instructions outlined in the bulletin will receive a special 100% warranty credit for the replacement parts contained in the " Required Material" section of this bulletin.

To receive this credit:

Purchase the required parts from an approved BHTI supply source. Submit a completed MMIR to BHTI Warranty Dept. no later than 30 days after the completion of this bulletin or no later than December 31, 2005.

MATERIAL:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
50-047C8-31	Bolt	3 per A/C

Consumable Material:

The following material is required to accomplish this bulletin, but may not require ordering, depending on the operator's consumable material stock levels. This material may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>	<u>Reference</u>
MIL-C-16173, Grade 1	C. P.C.	As Req'd	C-101
MIL-C-16173, Grade 2	C. P.C.	As Req'd	C-102

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not Affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-430-MM-4, Chapter 29

PUBLICATIONS AFFECTED:

BHT-430-MM-2, Chapters 4 and 5

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove and discard all three servo actuator to servo support bolts (Figure 1 Item 1) P/N 50-047C8-31, refer to BHT-430-MM-4 Chapter 29.
2. Install three new servo actuator to servo support bolts (Figure 1 Item 1) P/N 50-047C8-31. Refer to BHT-430- MM-4 Chapter 29.
3. Annotate the Helicopter Component Replacement record to reflect the bolts replacement.
4. Annotate the helicopters technical records to reflect compliance with this bulletin.
5. Insert the attached revised chapters 4 and 5 into the BHT-430-MM-2.

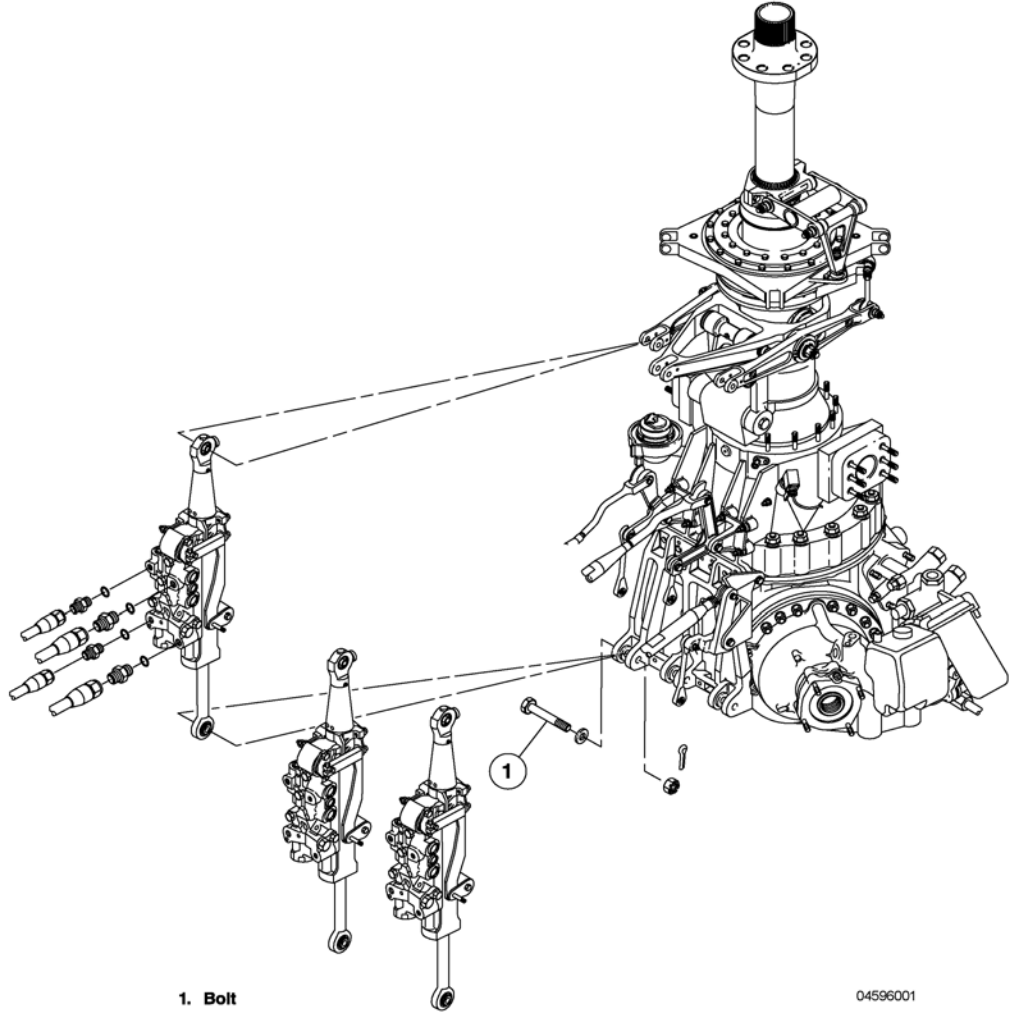


Figure 1.

Note:

The revised chapters 4 and 5 were not attached to ASB 430-05-33 due to its large file size.

Revision 10 of BHT-430-MM-2 will be mailed with ASB 430-05-33 through normal distribution procedures. However, you may view the revisions at this time by downloading from the following location:

[430 MM Chap 4 & 5 Rev 10](#)

Be advised this is a large file and may require extended downloading time depending on connection speed.