

ALERT SERVICE BULLETIN

Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

NO. 206-01-97

DATE 07-26-01

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DATE
REV

MODEL AFFECTED: 206A/B Series

SUBJECT: Strap Fittings P/N 206-011-140-001, Tail Rotor Gearbox Input Pinions, P/N 206-040-405-101, Inspection and Recall of Specific Serial Number Part

HELICOPTERS AFFECTED: **PART I: Strap Fittings, P/N 206-011-140-001**

206A, S/N 004 through 660, and 672 through 715;
206B, S/N 661 through 671, and 716 through 3216.

-NOTE-

The shipping dates, provided in the ACCOMPLISHMENT INSTRUCTIONS block of this bulletin, help determine applicability. Main rotor hub assembly that have had strap fitting replaced after these dates are affected by this bulletin,

[Model 206 B helicopters serial numbers 3217 and subsequent have a an improved main rotor hub with a different strap fitting installed.]

PART II: Tail Rotor Gearbox Input Pinion, P/N 206-040-405-101

206A, S/N 004 through 660, and 672 through 715;
206B, S/N 661 through 671, and 716 through 4004.

-NOTE-

The shipping date, provided in the ACCOMPLISHMENT INSTRUCTIONS block of this bulletin, help determine applicability. Tail rotor gearbox assembly that has had input pinion gear replace after that date is affected by this bulletin.

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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

[Model 206 B helicopters serial numbers 4005 and subsequent have a an improved tail rotor gearbox with a different input pinion installed.]

COMPLIANCE:

Upon receipt of this bulletin, perform a search of all existing spares stock, helicopters records, and physically inspect the aircraft to identify suspected listed part numbers and serial numbers.

For parts already in service, within the next 25 hours after you get this bulletin but not later than August 31, 2001 remove suspected parts from service.

DESCRIPTION:

Bell Helicopter has investigated the result of an internal audit and found that there is a potential of parts having been distributed to the field that may not meet our internal Bell Helicopter data recording requirements. In the interest of minimizing any concerns it is necessary to recall the above parts. Although Bell Helicopter believes this to be a documentation problem, this is the prudent action to take. Bell Helicopter has issued this bulletin requiring the inspection of aircraft and spares stock for the serialized part numbers indicated.

APPROVAL:

Not required

MANPOWER:

Approximately two (2) man-hours are required to accomplish this inspection; man-hours are based on "hands-on" time. Elapsed time to accomplish this task may vary according to the manpower and facilities available.

WARRANTY:

The owners/operators of 206 Helicopters who identify the discrepant parts and complies with the instructions outlined in this 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 part from an approved BHTI supply source.
- Comply with the instructions contained in this bulletin no later than August 31, 2001.
- Submit a completed malfunction report to BHTI Warranty no later than 30 days after completion of this bulletin.

****NOTE**** Customers who fail to comply with the instruction in this bulletin after August 31, 2001 are not eligible for the special warranty credit provisions listed above.

MATERIAL:

Required Material:

The following material may be required for the accomplishment of this bulletin only if suspect parts are found and may be obtained through your Bell Helicopter Textron Supply Center.

PART I

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
206-011-140-001	Strap fitting	1
206-011-114-001	Inboard fitting stop	1

PART II

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
206-040-405-101	Pinion Gear	1
M83248/1-213	Packing	1
M83248/1-230	Packing	1
NAS1443-7P	Washer	1
206-340-103-101	Seal	1

SPECIAL TOOLS:

Refer to applicable manuals.

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

206A/B Maintenance Manual

PUBLICATIONS AFFECTED:

None affected

ACCOMPLISHMENT INSTRUCTIONS:

1. Upon receipt of this Bulletin check spares stock, helicopters records and physically inspect the aircraft to identify suspected part numbers and serial numbers listed.
2. Within the next 25 hours, replace affected parts and serial number listed in accordance with applicable Manuals.

The following parts are suspected:

PART I: Strap Fittings

<u>Part Number</u>	<u>Serial Number</u>	<u>Shipping Date</u> (1)
206-011-140-001 (2)	AFS-22669	5 July 1994
206-011-140-001 (2)	AFS-22745	30 June 1994
206-011-140-001 (2)	AFS-24285	23 June 1996
206-011-140-001 (2)	AFS 28748	29 July 1999

NOTES:

1. The shipping date is provided to help determine applicability. Only main rotor hub assemblies that have had strap fitting replaced after these dates are affected by this bulletin. Other main rotor hub assembly are not affected

2. This strap fitting is used with the main rotor hub assembly 206-010-100-ALL and 206-011-100-021 and previous.

PART II: Tail Rotor Gearbox Input Pinion Gear

<u>Part Number</u>	<u>Serial Number</u>	<u>Shipping Date (1)</u>
206-040-405-101 (2)	A-2421	6 April 1995

NOTES:

1. The shipping date is provided to help determine applicability. Only tail rotor gearbox assembly that has had input pinion gear replaced after that date is affected by this bulletin.
2. This input pinion gear is used with tail rotor gearbox assembly 206-040-400—011, /-013, /-105, and /-107. Other tail rotor gearbox not affected.
3. Only part and serial number items listed are affected. A part with a serial number that is close to, or has a serial number prefix that is different from the ones listed is not affected and does not require removal from service. Non-serialized parts are not affected.
4. Return affected parts with a completed Discrepancy Malfunction Report to

Bell Helicopter Textron, Inc.
Attention: Customer Property Return
3000 S. Norwood and Trinity Blvd.
Fort Worth, Texas 76053
5. Annotate aircraft records to indicate compliance with this bulletin.