

ALERT SERVICE BULLETIN



A Textron Company

NO. 407-09-87

DATE March 27, 2009

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| DATE |
| REV |

MODEL AFFECTED: 407

SUBJECT: ANTI-DRIVE LINK ASSEMBLY P/N 406-010-432-101, ONE TIME INSPECTION OF

HELICOPTERS AFFECTED: 407 Helicopters serial number 53000 through 53887, 53890 through 53916, 53918, 53920, 53921, 53923 through 53926, 53928.

407 helicopters serial number 53888, 53889, 53917, 53919, 53922, 53927, 53929 and subsequent will have the intent of this bulletin accomplished prior to delivery.

COMPONENT AFFECTED: Anti-drive link assembly P/N 406-010-432-101 with serial number prefix TI or TIFS

COMPLIANCE: Before next flight, inspect all spares and installed lever assemblies.

DESCRIPTION:

Bell Helicopter has received a report concerning bearing P/N 406-310-403-101 incorrectly installed in the swashplate anti-drive link assembly P/N 406-010-432-101. Investigation revealed that, although the inspection witness mark was applied on the part, the bearing had not been staked during manufacture.

This bulletin requires a one time inspection of all anti-drive link assembly P/N 406-010-432-101 with a serial number prefix TI or TIFS in spare or installed on the aircraft.

APPROVAL:

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

MANPOWER:

Approximately 0.5 man-hour is required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

Owners / Operators of Bell Helicopters who comply with the instructions in this Bulletin will be eligible to receive a credit towards the replace part link assembly 406-010-432-101.

To receive this credit:

- Comply with the instructions contained in this Bulletin no later than the applicable hours in the “compliance section” of this ASB, or before April 30, 2009.
- Purchase a replacement part from a Bell approved source.
- Submit an MMIR to the Bell Warranty Department referencing this ASB.

Customers who fail to comply with the instructions in this Bulletin after the April 30, 2009 are not eligible for the special warranty credit listed above. There is no labor associated with this bulletin.

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.

None required

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.

None required

WEIGHT AND BALANCE:

Not affected

SPECIAL TOOLS:

None required

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-407-IPB Illustrated Parts Breakdown
BHT-407-MM Maintenance Manual
BHT-ALL-SPM Standard Practices Manual

PUBLICATIONS AFFECTED:

None affected

ACCOMPLISHMENT INSTRUCTIONS:

1. Gain access to swashplate anti-drive link assembly.
2. Using a 10X magnifying glass inspect anti-drive link assembly P/N 406-010-432-101 to ensure that bearing P/N 406-310-403-101 is correctly and securely staked in the link assembly. Refer to BHT-407-CR&O for correct bearing installation/inspection procedure. If in doubt, disconnect and remove anti-drive link assembly 406-010-432-101 and inspect the bearing for correct staking. Replace the bearing if required.
3. Should you find a link assembly with a loose bearing, please advise Product Support Engineering.
4. Annotate aircraft records to reflect compliance with this bulletin.