

ALERT SERVICE BULLETIN

ASB 222-16-113

PSL 7000000161

13 May 2016

MODEL AFFECTED: 222/222B

SUBJECT: Swashplate rotating ring assembly pins, replacement of.

HELICOPTERS AFFECTED: Serial numbers 47008 through 47089 and 47131 through 47156.

COMPLIANCE: 600 flight hours or before May 13, 2018

DESCRIPTION:

This bulletin introduces new drive pins 222-010-555-101 and -103. Installation of the new drive pins requires rework of the rotating ring which can only be accomplished by Bell Helicopter. All rotating ring assemblies 222-010-403-005/-113 and -117 must be sent through Customer Property Return (CPR) for upgrade. The upgraded rotating rings will be reidentified as 222-010-403-119FM. Applicability of this bulletin to any spare part shall be determined prior to its installation on an effected helicopter

APPROVAL:

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

CONTACT INFO:

For any questions regarding this bulletin, please contact:

Bell Helicopter Product Support Engineering - Intermediate Helicopters
Tel: 450-437-2077 / 1-800-463-3036 / pseinter@bh.com

MANPOWER:

Approximately 6 man-hours are required to complete this bulletin. This estimate is 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 return their ring assembly to Bell Helicopter Piney Flats for repair under warranty.

Bell Helicopter has recently introduced enhancements to the VISTA Portal which allocates specific warranty entitlement for a helicopter by serial number. The Product Service Letter (PSL) number, which will be listed below the bulletin number on the introduction page, is going to be a required field when submitting a claim for replacement parts, labor, and/or freight. If you receive an ASB or TB that does not have a PSL number, then there is no warranty entitlement for that bulletin.

Labor entitlement: Yes \$510.00 USD

To receive an RMA number and freight under warranty:

- Comply with the instructions contained in this bulletin no later than the applicable date in the Compliance Section.
- If there is a PSL number identified in the bulletin, you will be required to enter this PSL number which will validate warranty entitlement for the selected helicopter. Please make sure that you use the Bulletin tab on the warranty section in VISTA to file your claim.

NOTE: Customers who fail to comply with the instructions in this bulletin before May 13, 2018 will not be eligible for the special warranty listed above.

MATERIAL:**Required Material:**

None required.

Consumable Material:

None required.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-222-IPB, Illustrated Parts Breakdown
BHT-222-MM, Maintenance Manual
BHT-222-CR&O, Component Repair and Overhaul Manual

PUBLICATIONS AFFECTED:

BHT-222-IPB, Illustrated Parts Breakdown

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove the swashplate assembly from the helicopter (BHT-222-MM-6).
2. Disassemble the swashplate assembly (BHT-222-CR&O-2). The swashplate rotating ring must be sent to Bell Helicopter CPR for repair and new pin installation.
3. Reassemble the swashplate assembly using the upgraded 222-010-403-119FM rotating ring (BHT-222-CR&O-2).
4. Reinstall the swashplate assembly on the helicopter (BHT-222-MM-6).
5. Make an entry in the helicopter logbook and historical service records indicating compliance with this Alert Service Bulletin.