



A Textron Company

TECHNICAL BULLETIN

505-18-16

PSL 700000302

14 December 2018

MODEL AFFECTED: 505

SUBJECT: NEW EXHAUST PIPE COVER, INTRODUCTION OF

HELICOPTERS AFFECTED: Serial numbers 65011 through 65074, 65077 through 65081, 65083 through 65122, 65124 through 65132, 65134 through 65137, 65139 through 65141, 65143, 65144, 65151 through 65160, 65163, 65166, 65169 and 65170 equipped with ground support equipment kit 505-100-001.

[Serial numbers 65075, 65076, 65082, 65123, 65133, 65138, 65142, 65145 through 65150, 65161, 65162, 65164, 65165, 65167, 65168, 65171 and subsequent will have the intent if this bulletin accomplished prior to delivery.]

COMPLIANCE: At customer's option.

DESCRIPTION:

Bell has received field reports of exhaust pipe covers found hard to install and displayed difficulties to hold once fitted into position. This bulletin introduces a new and improved exhaust cover assembly that offers added stretch to help with the slip fit and offers a bungee that hooks onto the aircraft to hold in position. This TB applies to those aircraft delivered with ground support equipment kit 505-100-001, fitted with the exhaust cover UAA6505-070-401 that is found difficult to install and/or not holding in position once installed.

Applicability of this bulletin to any spare part shall be determined prior to its installation on an affected 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 Product Support Engineering - Light Helicopters
Tel: 450-437-2862 / 1-800-363-8023 / productsupport@bellflight.com

MANPOWER:

Approximately 0.25 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 receive replacement part as applicable, listed in the bulletin. Bell Helicopter has recently introduced enhancements to the VISTA Portal which allocates specific warranty entitlement for an aircraft 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: NO

To receive parts, labor, 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 aircraft. Please ensure 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 the **13th December 2019** will not be eligible for the special warranty listed above.

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>Qty (Note)</u>
UAA6505-070-401-1	Exhaust cover	1

Consumable Material:

None required

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-505-MM, Maintenance Manual

PUBLICATIONS AFFECTED:

BHT-505-IPC, Illustrated Parts Catalogue
BHT-505-MM, Maintenance Manual

ACCOMPLISHMENT INSTRUCTIONS:

WARNING

DO NOT TOUCH THE EXHAUST PIPE IMMEDIATELY AFTER AN ENGINE SHUTDOWN. THE EXHAUST PIPE BECOMES HOT DURING ENGINE OPERATION. LET THE TEMPERATURE OF THE EXHAUST PIPE DECREASE SUFFICIENTLY TO DECREASE BURNS.

1. Prepare the helicopter for maintenance.

- a. Remove as applicable the exhaust cover assembly UAA6505-070-401 ([DMC-505-A-10-40-02-00A-913](#), BHT-505-MM, Maintenance Manual, Chapter 78).
- b. Install new exhaust pipe cover UAA6505-070-401-1 ([DMC-505-A-10-10-02-00A-913](#)). In addition, once exhaust pipe cover is fitted on aircraft, hook the bungee cord into the R/H side mesh screen of the aftwards engine cowling.

Make an entry in the helicopter logbook and historical service records indicating compliance with this Technical Bulletin.