

TECHNICAL BULLETIN
Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

No. 407-04-56

Date March 5, 2004

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DATE
REV

MODEL AFFECTED: 407

SUBJECT: EXHAUST DUCT ASSEMBLY 407-063-001-103,
INTRODUCTION OF.

HELICOPTERS AFFECTED: Model 407 helicopters serial number 53000
through 53588.

[Model 407 helicopters serial number 53589 and
subsequent will have the intent of this bulletin
accomplished prior to delivery]

COMPLIANCE: At Customer's Option

DESCRIPTION:

This bulletin introduces an improved exhaust duct assembly 407-063-001-103. The aft side of the duct is now fitted with a beaded panel that allows for metal expansion resolving the recurring cracking experienced in the past.

The new exhaust duct assembly, which is a direct part replacement to the existing duct assembly, is now available through Bell Helicopter Textron Supply Center.

APPROVAL:

The engineering design aspects of this bulletin are Transport Canada approved.

MANPOWER:

No additional man-hours are required when this bulletin is performed during normal maintenance.

SPECIAL PRICING POLICY:

Bell Helicopter is offering the improved exhaust duct 407-063-001-103 at a special introductory price of \$3,975.00, for a limited time only.

This price is valid only until December 1, 2004 and is limited to one (1) exhaust duct per eligible helicopter.

To receive this special price:

1. Customers must order the new exhaust duct 407-063-001-103 from a BHT-approved spares supply source.
2. Order parts no later than December 1, 2004.
3. The owner / operator must make sure to specify he is completing this Technical Bulletin. You will be asked to give the serial number of the helicopter on which the exhaust duct will be installed.

- NOTE -

Customers must have parts on order by December 1, 2004 to receive this SPECIAL PRICE of U.S. \$ 3,975.00

MATERIALS:

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>
407-063-001-103	Exhaust duct assembly	1

Consumable Material:

None required.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-407-MM-5 Maintenance Manual
Chapter 53- Fuselage

BHT-407-MM-9 Maintenance Manual
Chapter 71- Powerplant

PUBLICATIONS AFFECTED:

BHT-407-IPC Illustrated Parts Breakdown
Chapter 71- Powerplant

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove the exhaust duct assembly 407-063-001-101 (Refer to BHT-407-MM-9, Chapter 71).

-NOTE-

Retain the hardware removed during the following step for
re-installation later

2. Install new exhaust duct assembly 407-063-001-103 using the previously removed hardware. (Refer to BHT-407-MM-9, Chapter 71).
3. Make an entry in the helicopter log book to show that this Technical Bulletin has been completed.