



A Textron Company

ALERT SERVICE BULLETIN

206-11-127

2 May 2011

**MODEL AFFECTED:** 206A/B (TH-67)

**SUBJECT:** CONTROL BOX ASSEMBLY P/N 206-375-017-101,  
RECALL OF.

**HELICOPTERS AFFECTED:** Serial number 4 and subsequent.

**COMPLIANCE:** No Later Than 1 May 2012

**DESCRIPTION:**

This Bulletin only applies to helicopters equipped with an engine auto-relight kit. During a design review, it was found that control box assembly P/N 206-375-017-101, part of the engine auto-relight kit, was released with a chipset that does not meet the intent of the designed temperature range requirements. For this reason, Bell Helicopter is upgrading all control box assemblies to address this matter. Applicability of this Bulletin to any spare part shall be determined prior to its installation on an affected aircraft.

**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 - Light Helicopters  
Tel: 450-437-2862 / 1-800-363-8023 / [pselight@bellhelicopter.textron.com](mailto:pselight@bellhelicopter.textron.com)

**MANPOWER:**

Approximately 2 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 a credit for the replacement control box P/N 206-375-017-105.

To receive this credit:

- Comply with the instructions contained in this Bulletin no later than the applicable date in the "COMPLIANCE" section of this ASB.
- Purchase replacement parts as required in the materials section of this Bulletin from a Bell approved source.
- Submit a Maintenance Malfunction Information Report (MMIR) to the Bell Warranty Department.

Customers who fail to comply with the instructions in this Bulletin before 1 May 2012 are not eligible for the special warranty credit listed above. There is no warranty coverage for 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.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty</u>
206-375-017-105 (1)	Control box assembly	1

(1) Required only if a Bell P/N 206-375-017-101 control box assembly is found installed on the aircraft.

### 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.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Reference</u> *
MIL-C-16173,GR1 2OZ	Corrosion preventive compound Grade 1	AR	C-101

\* C-XXX numbers refer to the consumables list in BHT-ALL-SPM Standard Practices Manual

## SPECIAL TOOLS:

None required.

**WEIGHT AND BALANCE:**

Not affected.

**ELECTRICAL LOAD DATA:**

Not affected.

**REFERENCES:**

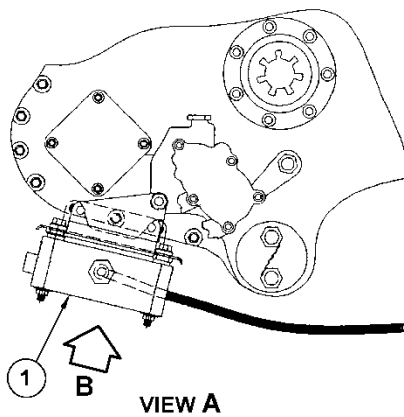
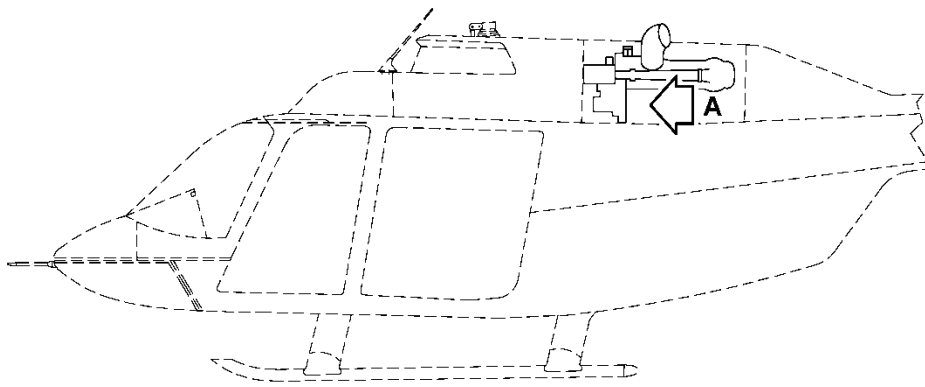
BHT-206-SI-92 Service Instruction

**PUBLICATIONS AFFECTED:**

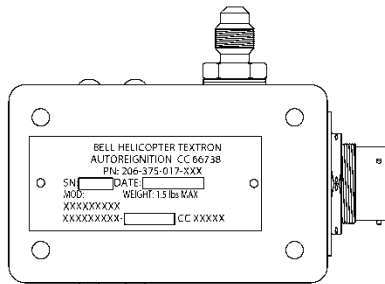
BHT-206A/B-SERIES-IPB Illustrated Parts Breakdown  
BHT-206-SI-92 Service Instructions

**ACCOMPLISHMENT INSTRUCTIONS:**

1. Prepare helicopter for maintenance.
  - a. Access L/H side of powerplant.
2. Locate control box assembly. Refer to Figure 1 Item 1.
  - a. Verify part number on control box assembly View B. If the part number identified on the unit is P/N 206-375-017-101 (206A/B), then this unit is affected by the intent of this Bulletin. Proceed to step 3.
  - b. If an original Rolls Royce control box assembly P/N 23050521, 23052372, 6877138 or 6877142 is found installed, no further action is required. Proceed to step 5.
3. Install replacement control box assembly P/N 206-375-017-105. Refer to the Installation Instruction BHT-206-SI-92.
4. Test engine auto-relight system for proper functioning. Refer to the Installation Instruction BHT-206-SI-92.
5. Make an entry in helicopter historical service records indicating compliance with this Alert Service Bulletin.



1. Auto-reignition control box assembly



VIEW B

10571/10572\_001

Figure 1. Control Box Assembly Location