

**ALERT SERVICE BULLETIN**

REVISION NOTICE



A Textron Company

DATE Feb 04, 2009

**TO: All Owners/Operators of Bell 206B Helicopters**

**SUBJECT: REVISION "C" TO ALERT SERVICE BULLETIN ASB 206-07-115:  
POWER TURBINE RPM (N2) STEADY STATE OPERATION  
AVOIDANCE, INTRODUCTION OF.**

Revision "C" to this bulletin introduces a new decal removing the "60 SEC MAX" wording.

AN APPROPRIATE ENTRY SHOULD BE MADE IN THE AIRCRAFT LOGBOOK UPON ACCOMPLISHMENT  
IF OWNERSHIP OF AIRCRAFT HAS CHANGED PLEASE FORWARD TO NEW OWNER

# ALERT SERVICE BULLETIN

NO. 206- 07-115

DATE MAY 21, 2007

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**MODEL AFFECTED:** 206B

**SUBJECT:** POWER TURBINE RPM (N2) STEADY STATE OPERATION AVOIDANCE, INTRODUCTION OF.

**HELICOPTERS AFFECTED:** PART I

All 206B helicopters.

PART II

206A serial number 004 through 660 and 672 through 715 converted to 206B as per Service Instruction 206-80.

206B serial number 661 through 671 and 716 through 4675 and TH-67 s/n: 5101 through 5313. | C

[206B helicopters serial number 4676 and subsequent and TH-67 helicopters serial number 5314 and subsequent will have the intent of this bulletin accomplished prior to delivery]. | C

**COMPLIANCE:** PART I

In accordance with Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB-A-1400 Revision 2 dated October 13, 2008. | C

PART II

Within 7 days after receipt of this bulletin.

**DESCRIPTION:**

**Part I**

As a result of a recent third stage turbine wheel investigation, Rolls-Royce Corporation has revised the Speed Limit Tables for all series II engines (250 C-20). The new tables have been revised to include the Speed Avoid Range between 75% and 88%. Refer to Rolls-Royce CEB A-1400 Revision 2; the speed avoid range is not applicable for engine operation at or below 85 shaft horsepower (equivalent to 33% torque).

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**Part II**

The accomplishment of part II of this bulletin includes the addition of a decal to the instrument panel to ensure crew awareness of the N2 avoidance range and a Flight Manual Revision.

**APPROVAL:**

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

**MANPOWER:**

**PART I**

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400 Revision 2 dated October 13, 2008.

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**PART II**

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

**WARRANTY:**

Bell Helicopter warranty does not apply.

**MATERIAL:**

**Required Material:**

**PART I**

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400 Revision 2 dated October 13, 2008.

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**PART II**

The following material is required for the accomplishment of this Alert Service Bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
230-075-213-125	Decal (note 1, 2)	1

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Notes:

1. One decal is provided with this bulletin.
2. The decal may be locally manufactured using lettering of white color (No. 17875) on black background color (No. 17038). Characters to be 10 point Spartan blackfont. Color per FED STD 595. The text for the decal is detailed in Figure 1 and should be in capital letters. It is permissible to use existing decal provided the "60 SEC MAX" wording is cut and removed.

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**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.

**PART II**

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>	<u>Reference</u>
3950 Scotchcal	Sealer	AR	C-349

**-NOTE-**

The "C" REF. NO. above is a cross-reference found in the Standard Practice Manual (BHT-ALL-SPM).

**SPECIAL TOOLS:**

None required.

**WEIGHT AND BALANCE:**

Not affected.

**ELECTRICAL LOAD DATA:**

Not affected.

**REFERENCES:**

BHT-ALL-SPM – Standard Practices Manual  
Chapter 13 – Consumable Materials

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400  
Revision 2 dated October 13, 2008.

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**PUBLICATIONS AFFECTED:**

BHT-206A/B-SERIES-IPB – Illustrated Parts Breakdown  
Chapter 11 – Placard

BHT-206B-FM-1 – Flight Manual

BHT-206B3-FM-1 – Flight Manual

**ACCOMPLISHMENT INSTRUCTIONS:**

**PART I**

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400 Revision 2 dated October 13, 2008.

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**PART II**

1. Remove previously installed 230-075-213-121 decal and discard.
2. Install 230-075-213-125 decal on the instrument panel as shown in Figure 1 below the NR/N2 dual tachometer. Sealer C-349 shall be applied over the installed decal.

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**-NOTE-**

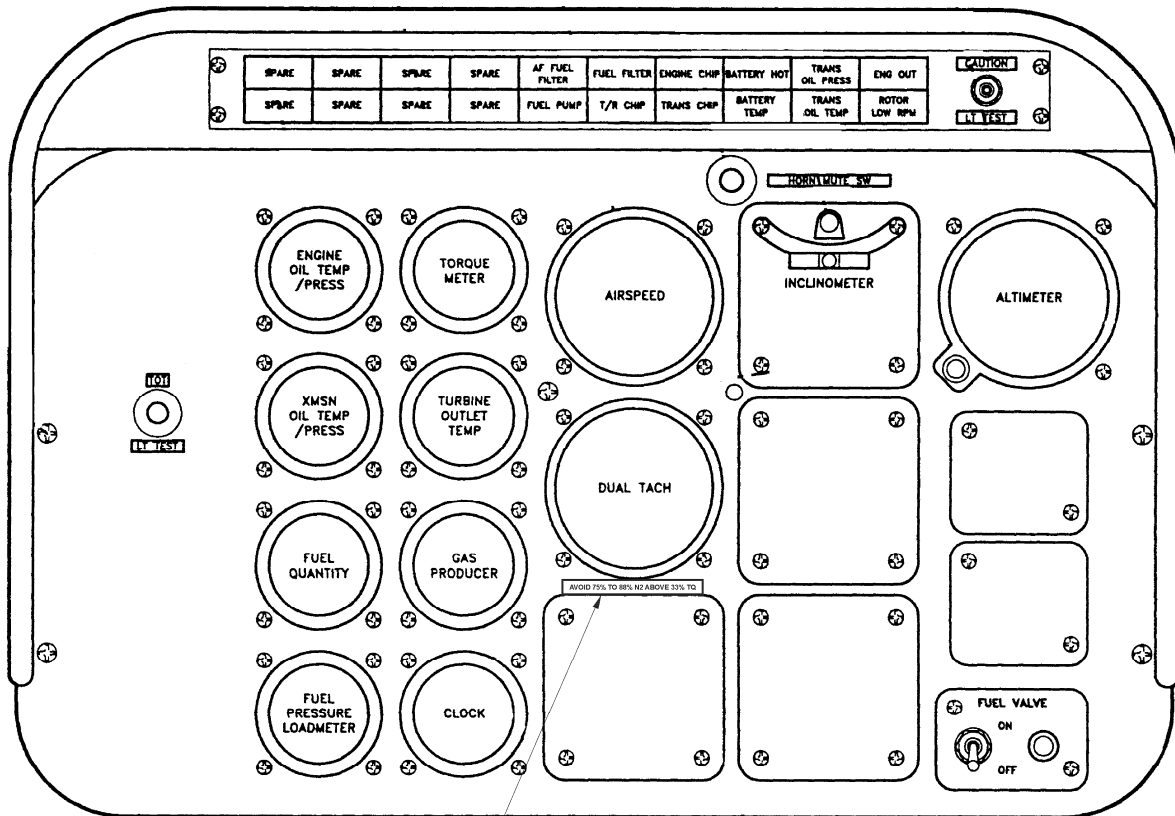
The previous Flight Manual temporary revision covering CEB A-1174 will still remain in effect (if applicable).

**-NOTE-**

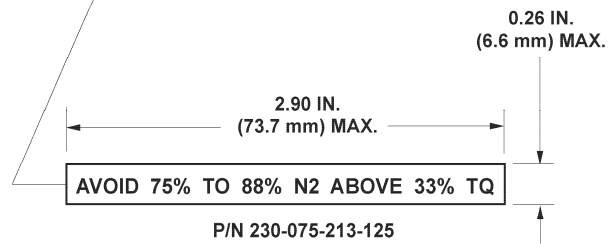
The required Flight Manual Revision is being mailed concurrently with this bulletin (separate mailing).

3. Insert the Flight Manual revision B-50 dated 8 December, 2008 into BHT-206B-FM-1 (if applicable).
4. Insert the Flight Manual revision 11 dated 8 December, 2008 into BHT-206B3-FM-1 (if applicable).
5. Annotate the helicopter records indicating compliance with this bulletin.

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Figure 1- Typical 206B Instrument Panel Layout  
 (May vary depending on model and serial number applicability)