

ALERT SERVICE BULLETIN

REVISION NOTICE



A Textron Company

DATE JAN 15, 2008

TO: All Owners/Operators of Bell 206L Helicopters

**SUBJECT: REVISION "A" TO ALERT SERVICE BULLETIN ASB 206L-07-146:
POWER TURBINE RPM (N2) STEADY STATE OPERATION
AVOIDANCE, INTRODUCTION OF.**

Revision "A" to this bulletin introduces a new decal to show the speed avoid range is not applicable for engine operation at or below 85 shaft horsepower (equivalent to 20% torque).

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



A Textron Company

NO. 206L-07-146

DATE MAY 21, 2007

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DATE	JAN 15, 2008
REV	A

MODEL AFFECTED: 206L

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

HELICOPTERS AFFECTED: All 206L helicopters.
206L s/n 45001 through 45153 and 46601 through 46617.

COMPLIANCE: **PART I**
In accordance with Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400 Revision 1 dated August 20, 2007.

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 series). The new tables have been revised to include the Speed Avoid Range between 75% and 88%. Refer to Rolls-Royce CEB A-1400 Revision 1; the speed avoid range is not applicable for engine operation at or below 85 shaft horsepower (equivalent to 20% torque).

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 1 dated August 20, 2007.

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 1 dated August 20, 2007.

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>
230-075-213-123	Decal (note 1, 2)	1

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.

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>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 Practice Manual
Chapter 13 – Consumable Materials

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400
Revision 1 dated August 20, 2007.

PUBLICATIONS AFFECTED:

BHT-206L-SERIES-IPB – Illustrated Parts Breakdown
Chapter 11 – Placard

BHT-206L-FM-1 – Flight Manual

ACCOMPLISHMENT INSTRUCTIONS:

PART I

Refer to Rolls-Royce Corporation Alert Commercial Engine Bulletin CEB A-1400
Revision 1 dated August 20, 2007.

PART II

1. Remove previously installed 230-075-213-119 decal and discard.
2. Install decal 230-075-213-123 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.

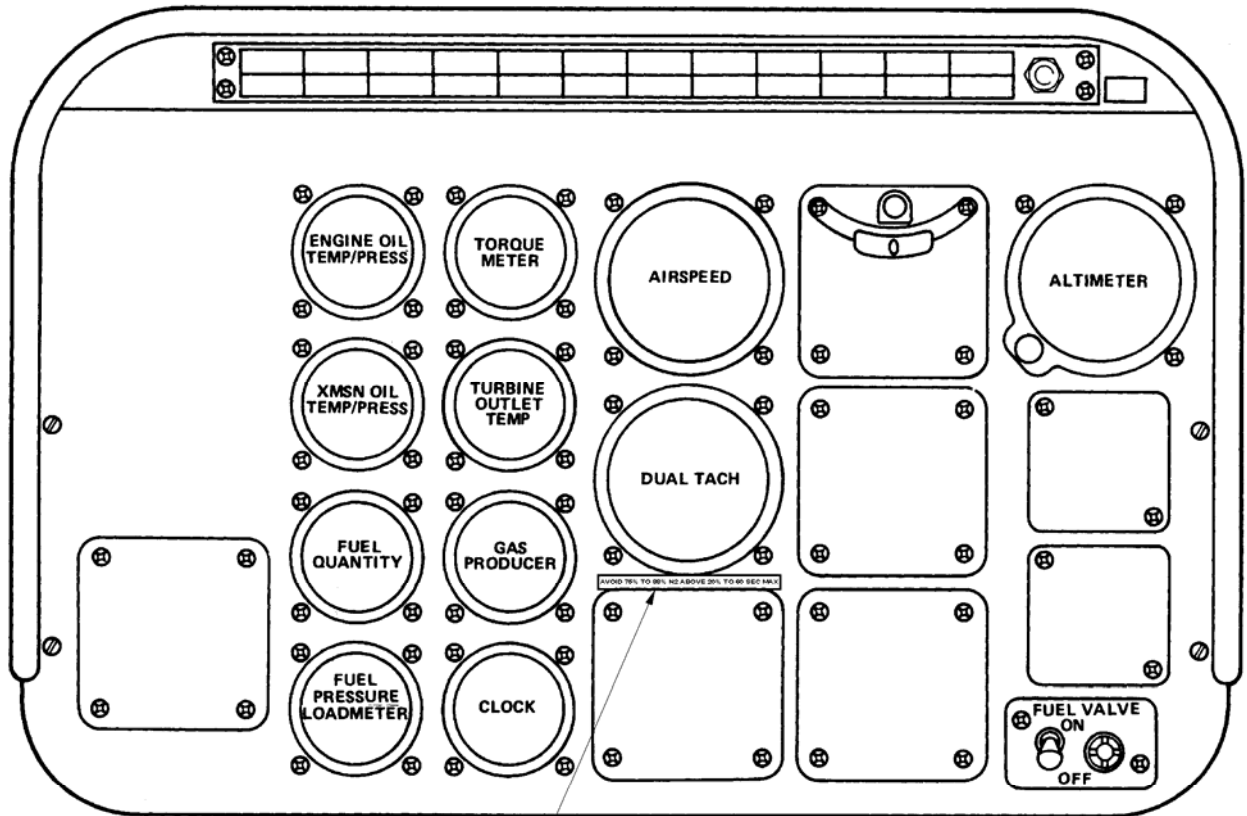
-NOTE-

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 new Flight Manual Revision 27 dated November 5, 2007 into BHT-206L-FM-1.
4. Annotate the helicopter records indicating compliance with this bulletin.



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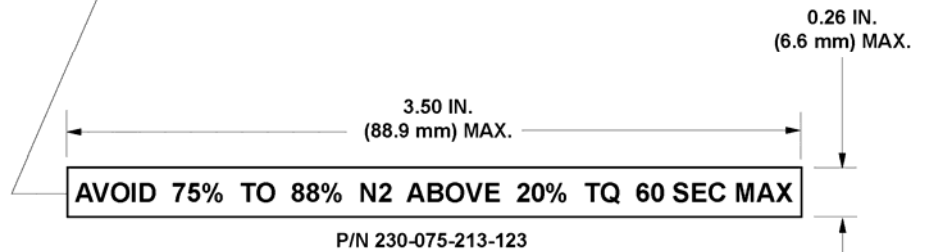


Figure 1 – Typical 206L Instrument Panel Layout
(May vary depending on model and serial number applicability)