

**ALERT SERVICE BULLETIN**

REVISION NOTICE



A Textron Company

DATE Nov. 17,2008

**TO: All Owners/Operators of Bell 407 Helicopters**

**SUBJECT: REVISION "A" TO ALERT SERVICE BULLETIN 407-08-82:  
NG LIMITATION AT A GIVEN TEMPERATURE, ABOVE 10000 FT  
DECAL, ADDITION OF.**

Revision "A" to this bulletin introduces a change to the **HELICOPTERS AFFECTED** section.

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**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

NO. 407-08-82

DATE May 19, 2008

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DATE Nov. 17, 2008

REV A

**MODEL AFFECTED:** 407

**SUBJECT:** NG LIMITATION AT A GIVEN TEMPERATURE,  
ABOVE 10000 FT DECAL, ADDITION OF

**HELICOPTERS AFFECTED:** 407 Helicopters serial number 53000 through 53862.

[407 helicopters serial number 53863 through 53900 and 53911 and subsequent will have the intent of this bulletin accomplished prior to delivery]

A

**COMPLIANCE:** 30 Days upon receipt

**DESCRIPTION:**

The installation of this decal is to establish a means for crew awareness of an impending engine topping under cold conditions and high altitude.

**APPROVAL:**

The engineering design aspects of this bulletin are Transport Canada Civil Aviation (TCCA) approved.

**MANPOWER:**

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:**

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>
407-070-008-101	Decal	1

**Note:** Copy of decal will be delivered in envelope with hard copy of this bulletin.

**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>
TT-N-95,TYII 1GAL	Aliphatic Naphtha	A/R	C-305
3950 SCOTHCAL	Edge Sealer	A/R	C-349

**SPECIAL TOOLS:**

None required

**WEIGHT AND BALANCE:**

Not affected

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

BHT-407-MM-2 Chapter 11 Placards and Markings

**PUBLICATIONS AFFECTED:**

BHT-407-MM-2 Chapter 11 Placards and Markings  
BHT-407-IPB Chapter 11 Placards and Markings  
BHT-407-FM-1 Section 1 Limitations

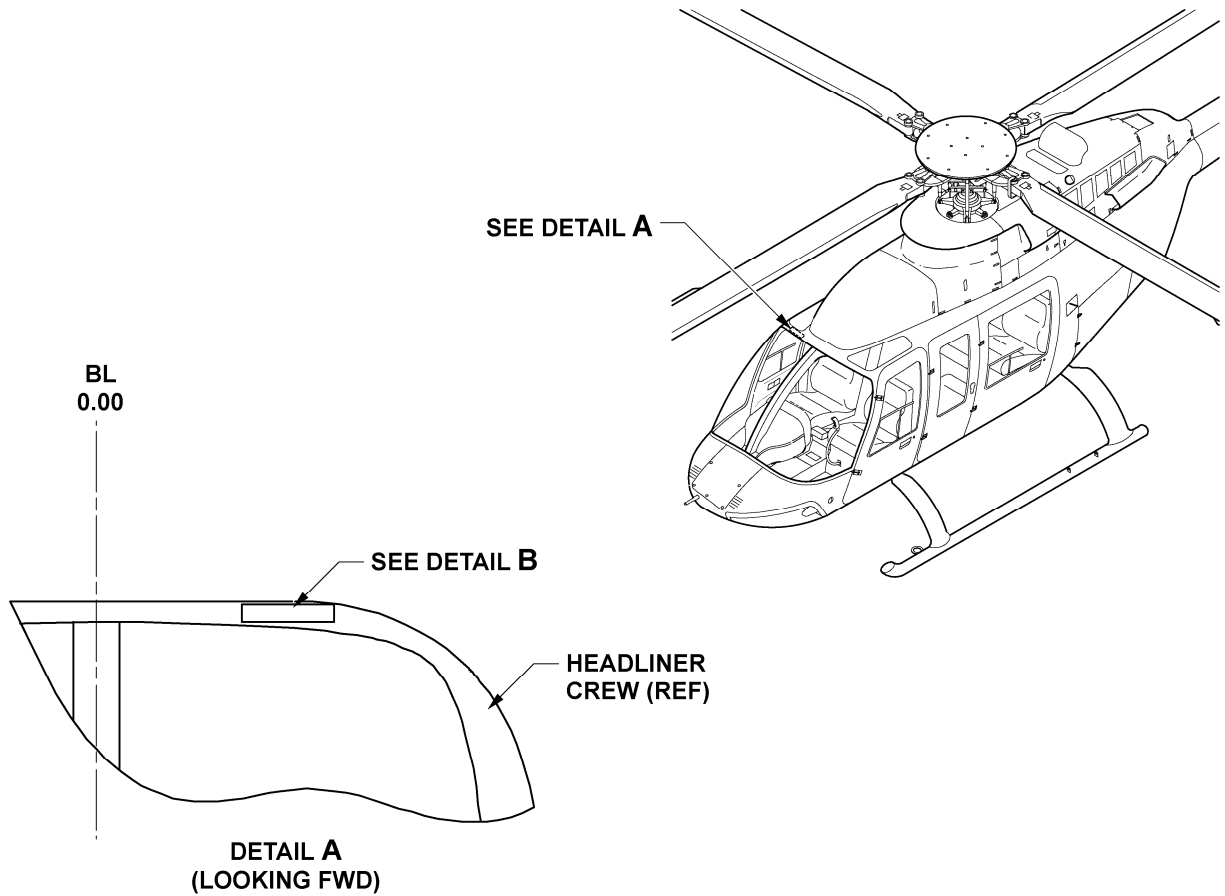
**ACCOMPLISHMENT INSTRUCTIONS:**

1. Using Figure 1, locate and clean area where decal will be installed, using aliphatic naphtha (C-305) (Refer to BHT-407-MM-2 Chapter 11 Application of decals).

**-NOTE-**

For best bond, install decal at temperatures above 60°F  
(16°C).

2. Install decal (Detail B) in location previously determined and seal using edge sealer (C-349).
3. Insert Flight Manual Revision into the BHT-407-FM-1:
  - Revision 7 dated July 30, 2008
4. Make an entry in the helicopter records to show that this Alert Service Bulletin has been accomplished.



GAS PRODUCER RPM (NG) LIMIT											
WHEN ABOVE 10,000 FT HP											
MAXIMUM Ng % RPM WITH OAT IS AS FOLLOWS											
OAT °C	-40	-39	-38	-37	-36	-35	-34	-33	-32	-31	-30
MAX Ng %	99.0	99.2	99.4	99.6	99.8	100.0	100.2	100.4	100.6	100.8	101.1

DETAIL B  
DECAL

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Figure 1. Placard Location