



JAN 20, 2010

**TO: All Owners/Operators of Bell 206L Series Helicopters**

**SUBJECT: REVISION "A" TO TECHNICAL BULLETIN 206L-95-180:  
FUEL CELL VENT DECAL, INSTALLATION OF.**

Revision "A" to this bulletin is to identify a new decal P/N and to change helicopter effectivity. It also specifies clearer instructions on where to locate the decal. This bulletin has been reformatted in its entirety to the new style of bulletin.

TECHNICAL BULLETIN  
**Bell** Helicopter

A Textron Company

No. 206L-95-180

Date Jul 08, 1995

Page 1 of 5

DATE JAN 20, 2010

REV A

**MODEL AFFECTED:** 206L, 206L-1, 206L-3, 206L-4

**SUBJECT:** FUEL CELL VENT DECAL, INSATALLATION OF

**HELICOPTERS AFFECTED:** 206L Helicopters serial number 45004 through 45153 and 46601 through 46617.

206L-1 Helicopters serial number 45154 through 45790.

206L-3 Helicopters serial number 51001 through 51612.

206L-4 Helicopters serial number 52001 through 52391.

[206L-4 S/N 52392 and subsequent have had the intent of this bulletin accomplished.]

**COMPLIANCE:** At Customer's Option

**DESCRIPTION:**

This bulletin is being issued to recommend installation of the fuel cell vent decal. Installation of the decal will provide operators the means of positively identifying the fuel cell vent line.

The installation recommendation is based on data gained from an investigation concerning an in-flight flame out caused by water ingestion. The water ingestion and subsequent flame out stemmed from water being inadvertently sprayed up the fuel cell vent line and into the fuel cell, while attempting to clear a clogged engine pan drain line.

It is also recommended that helicopters delivered from Bell Helicopter with the fuel cell vent decal, be inspected to ensure the presence of the subject decal.

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**APPROVAL:**

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

**MANPOWER:**

Approximately .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:**

There is no warranty credit applicable for parts or labor associated with this Bulletin.

**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>
31-123-1	Fuel Cell Vent Decal	1

**Consumable Material:**

The following material is required to accomplish this bulletin; however this material is considered consumable (bench stock) material and may not require ordering depending on the operators 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 1 GAL	Aliphatic Naphtha	A/R	C-305
Note 1	Polyurethane Enamel Clear	A/R	C-233

Note 1: Available commercially

**SPECIAL TOOLS:**

None required

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**WEIGHT AND BALANCE:**

Not Affected

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

BHT-ALL-SPM, Standard Practices Manual  
BHT-206L-MM-1, BHT-206L1-MM-1, BHT-206L3-MM-1, BHT-206L4-MM-1  
BHTP206L-SERIES-IPB, Chapter 11

**PUBLICATIONS AFFECTED:**

BHT-206L-MM-1, BHT-206L1-MM-1, BHT-206L3-MM-1, BHT-206L4-MM-1  
BHTP206L-SERIES-IPB, Chapter 11

**ACCOMPLISHMENT INSTRUCTIONS:**

1. Positively identify fuel cell vent on right side of the helicopter (Refer to Figure 1, Detail A).

-NOTE-

The receiving surface will be free off dirt, grease, wax and other contaminants.

2. Thoroughly clean the receiving surface with a cloth wetted with aliphatic naphtha (C-305). Wipe dry with a clean cloth before the naphtha evaporates.

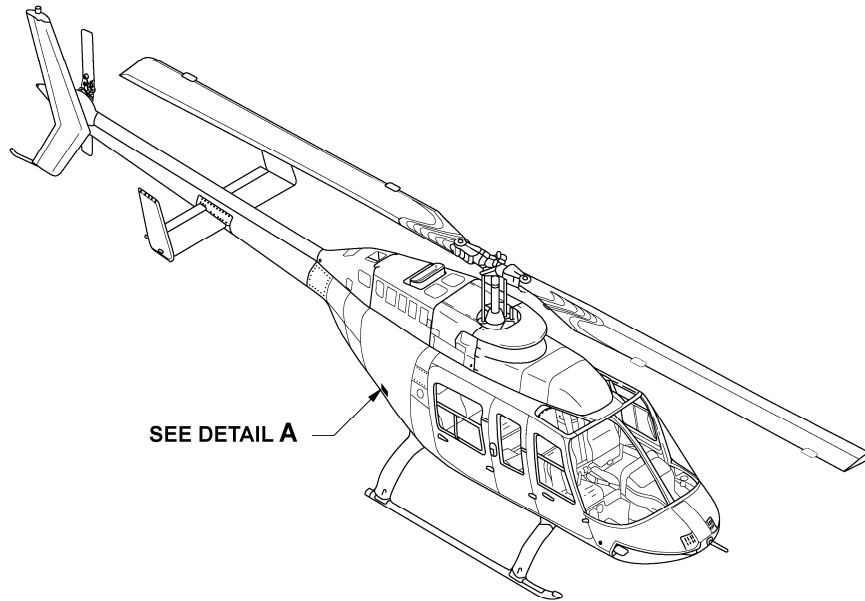
-NOTE-

For best adhesion apply decal at temperatures above 16°C (60°F).

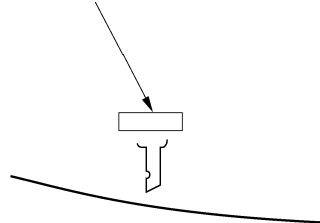
3. Peel back a portion of the protective liner from the adhesive backing, align the decal with the arrow directly above the proper vent then press the peeled section to the receiving surface with firm finger pressure. Continue to peel off the liner and apply finger pressure until the decal is securely applied.

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4. Using a pin, puncture any blisters caused by trapped air. Work out air using thumb or finger pressure.
  5. Mask area around decal perimeter leaving a 1/8 inch gap between edge of decal and tape line. Lightly scuff 1/8 painted surface around decal with 320 grit abrasive cloth or paper, taking care not to lift edge of decal or masking tape. Remove sanding residue using clean, dry, lint free cloth. Wipe surface with tack rag.
  6. Apply one coat of clear polyurethane enamel (C-233) over masked off area. Allow paint to set up and remove tape.



FUEL CELL VENT  
↓  
DECAL, FUEL CELL VENT  
(31-123-1)



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Figure 1. Fuel Cell Vent Decal Location