

## ALERT SERVICE BULLETIN

REVISION NOTICE

**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

DATE 12-06-00

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

**SUBJECT: REVISION "B" TO ALERT SERVICE BULLETIN 206L-98-114:  
TAILBOOM 206-033-004-ALL, INSPECTION OF.**

Revision "B" to this bulletin is a complete revision to this Alert Service Bulletin. It makes the changes that follow:

- Changes the subject block of the bulletin to add the part number of the tailbooms assemblies affected.
- Corrects the helicopters affected block to show the new serial number affected by the bulletin.
- Adds a list of the serial numbers modified in production that meet intent of ASB206L-99-115 .
- Adds a statement that indicates that the accomplishment of ASB 206L-99-115 is considered a terminating action to this bulletin.

Replace your existing copy of the ASB, with the attached revised Alert Service Bulletin.

7851 60046 REV 1198

AN APPROPRIATE ENTRY SHOULD BE MADE IN THE AIRCRAFT LOG BOOK 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. 206L-98-114  
DATE 11-25-98  
PAGE 1 of 4

DATE 12-06-00

REV "B".

**MODELS AFFECTED:** 206L SERIES

**SUBJECT:** TAILBOOM 206-033-004-003, /-011, /-103, /-045, /-143, /-175 AND /-177 INSPECTION OF. B.

**HELICOPTERS AFFECTED:** Helicopters affected: 206L, S/N 45004 thru 45153 and 46601 thru 46617; 206-L1, S/N 45154 thru 45790; 206L-3, S/N 51001 thru 51612 and 206L-4, S/N 52001 thru 52216. B.

[Helicopters 206L-4, S/N 52217 thru 52228, and S/N 52230 thru 52232, delivered from factory with tailboom 206-033-004-177, have a riveted doubler installed and are not affected by this bulletin.]

**COMPLIANCE:** Before the next flight, and before the first flight of the day thereafter until you have completed ASB 206L-99-115. B.

## DESCRIPTION:

Bell Helicopter has received seven reports of cracks to the tailboom skin in the area of the horizontal stabilizer since ASB 206L-97-107 was published. The cracks were found by normal visual inspection. The average time accumulated on the tailbooms was more than 2000 hrs. Bell Helicopter is now developing a remedy to prevent this condition.

Until ASB 206L-99-115 is completed, Bell Helicopter has determined that it is prudent to do a daily inspection to detect cracks in the area of the horizontal stabilizer. B.

This bulletin introduces a daily inspection of the tailboom in the area of horizontal stabilizer. This inspection is visual only, does not need the operator to use any tools and can be done by a pilot, as part of the Preflight Check.

## APPROVAL:

The engineering design aspects of this Service Bulletin are Transport Canada approved.

7851 55192 REV 1199

**MANPOWER:**

No additional time is needed if this check is done as part of the Preflight Check.

**MATERIAL:**

No material required.

**SPECIAL TOOLS:**

Not needed.

**WEIGHT AND BALANCE:**

Not affected.

**ELECTRICAL LOAD DATA:**

Not affected.

**REFERENCES:**

ASB 206L-97-107 Rev.A, Tailboom, Modification of, Inspection of.

ASB 206L-87-47 Rev.C, Tailboom 206-033-004-All, Inspection of.

OSN 206L-90-28, Tailboom Periodic Inspection and Modification – ASB 206L-87-47 Rev.C.

OSN 206L-84-10, Tailboom Skin Compression Wrinkles.

OSN 206L-84-4, Tailboom Skin compression Wrinkles.

**PUBLICATIONS AFFECTED:**

None.

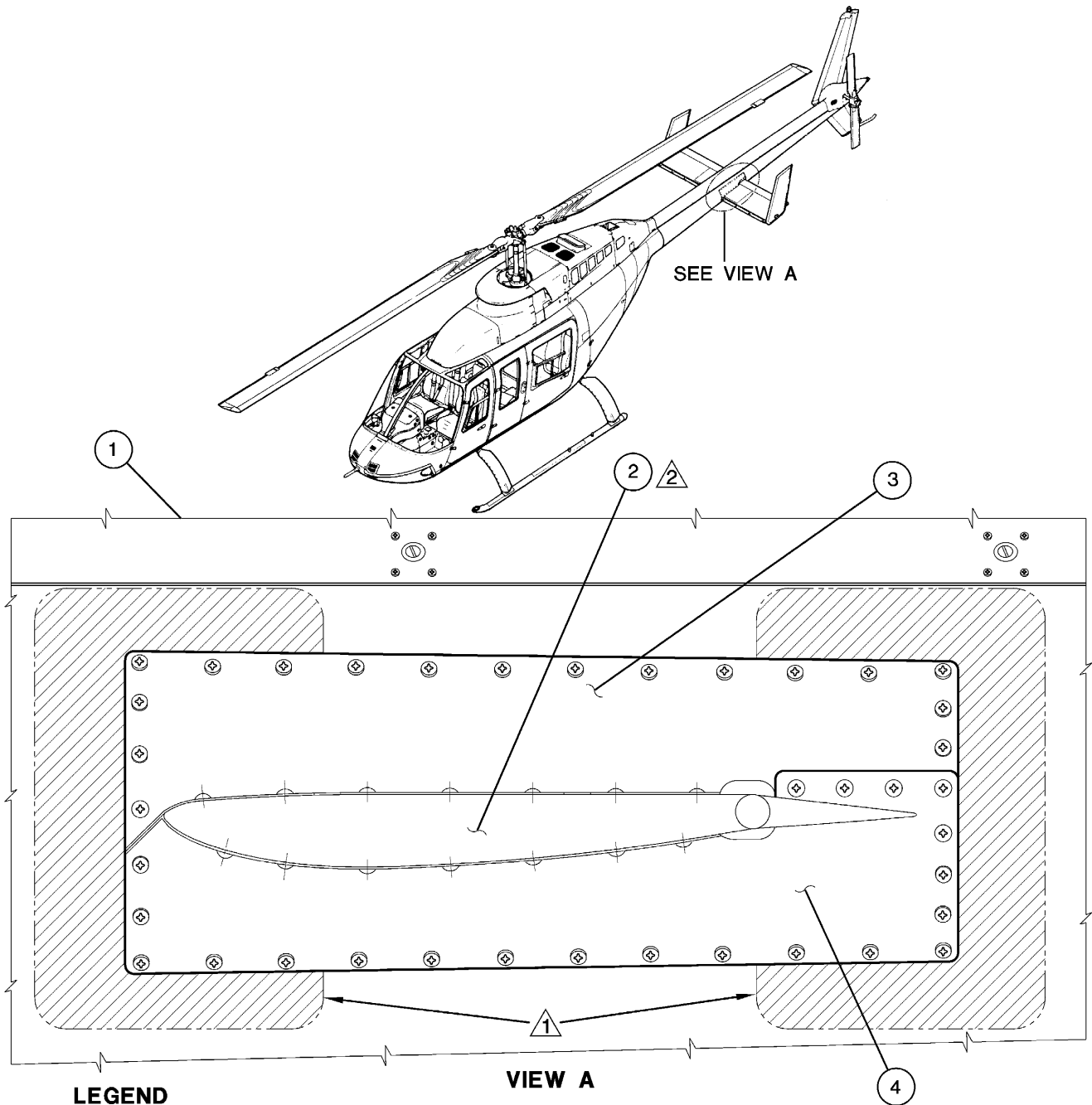
**ACCOMPLISHMENT INSTRUCTIONS:**

1. Do this check before the next flight and before the first flight of every day.

**- NOTE -**

The check given below can be done as part of the pilot's preflight check of the tailboom structure.

2. Before the first flight of the day, do a check of the tailboom assembly for cracks (Figure 1).
  - a. If there is a crack on the tailboom skin, replace the tailboom before the next flight.
  - b. If no crack is found, the aircraft is serviceable.
3. Make an entry in the helicopter historical records to show that this bulletin is completed.



**LEGEND**

- 1. Tailboom assembly
- 2. Horizontal stabilizer
- 3. Upper support
- 4. Lower support

**NOTES**

- △1 Inspect these two areas for cracks on both sides of the tailboom.
- △2 Horizontal stabilizer not shown for clarity.

QAB00301

**Figure 1. Inspection of the Tailboom Assembly**