

ALERT SERVICE BULLETIN

Bell Helicopter **TEXTRON**
A Subsidiary of Textron Inc.

NO. 206L-01-120

DATE 07-26-01

PAGE 1 of 5

DATE
REV

MODEL AFFECTED: 206L4

SUBJECT: Tail Rotor Output Shaft 206-040-949-101 By Serial Number Recall Of.

HELICOPTERS AFFECTED: Model 206L4 helicopters with High Altitude Tail Rotor Kit, P/N 206-704-722-101, /-111, /-103.

COMPLIANCE: Upon receipt of this bulletin, perform a search of all existing spares stock, helicopters records, and physically inspect the aircraft to identify suspected listed part number and serial number.

For the part already in service, within the next 25 hours after you get this bulletin but not later than August 31, 2001 remove suspected part from service.

DESCRIPTION:

Bell Helicopter has investigated the result of an internal audit and found that there is a potential of parts having been distributed to the field that may not meet our internal Bell Helicopter data recording requirements. In the interest of minimizing any concerns it is necessary to recall the above parts. Although Bell Helicopter believes this to be a documentation problem, this is the prudent action to take. Bell Helicopter has issued this bulletin requiring the inspection of aircraft and spares stock for the serialized part numbers indicated.

APPROVAL:

Not required

MANPOWER:

Approximately two (2) man-hours are required to accomplish this inspection; man-hours are based on "hands-on" time. Elapsed time to accomplish this task may vary according to the manpower and facilities available.

7851 55192 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

WARRANTY:

The owners/operators of 206L4 Helicopters who identify the discrepant parts and comply with the instructions outlined in this bulletin will receive a special 100% warranty credit for the replacement parts contained in the "Required Material" section of this bulletin.

To receive this credit:

- Purchase the required part from an approved BHTI supply source.
- Comply with the instructions contained in this bulletin no later than August 31, 2001.
- Submit a completed malfunction report to BHTI Warranty no later than 30 days after completion of this bulletin.

****NOTE**** Customers who fail to comply with the instruction in this bulletin after August 31, 2001 are not eligible for the special warranty credit provisions listed above.

MATERIAL:

Required Material:

The following material may be required for the accomplishment of this bulletin only if suspect part is found and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
M83248/1-244	Packing	1
206-040-410-101	Bearing	1
AS3085-38	Packing	1
206-340-401-101	Wear sleeve	1
206-040-949-101	Shaft	1

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>Reference</u>
MIL-C-16173,GR1 2OZ	Corrosion Preventive Compound	C-104
ACETONE GALLON	Solvent	C-316
MILS8784CLB2,3.5OZ	Sealing Compound	C-328

SPECIAL TOOLS:

As required dependant on the work that needs to be performed.

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-206-SI-2054

BHT-206-SI-2057

PUBLICATIONS AFFECTED:

None affected

ACCOMPLISHMENT INSTRUCTIONS:

1. Upon receipt of this Bulletin check spares stock and helicopters records to identify suspected output shaft part number and serial number (Refer to Table 1)
2. If the listed output shaft is not found in your spare system or records, within the next 25 hours, proceed as follows:
 - a) Remove the tail rotor hub and blade assembly (1, Figure 1) (BHT-206-SI-2054 or BHT-206-SI-2057).
 - b) Examine shaft splined area to make sure that both master splines (2) are aligned.
3. If master splines are not aligned, remove the tail rotor gearbox output shaft cover and check for output shaft part number and serial number (BHT-206-SI-2054 or BHT-206-SI-2057). To locate part number and serial number, refer to Figure 1.

4. If the output shafts master splines are not aligned and/or the part number and serial number match the number in Table 1. Remove the shaft from service and contact Bell Helicopter Product Support Engineering

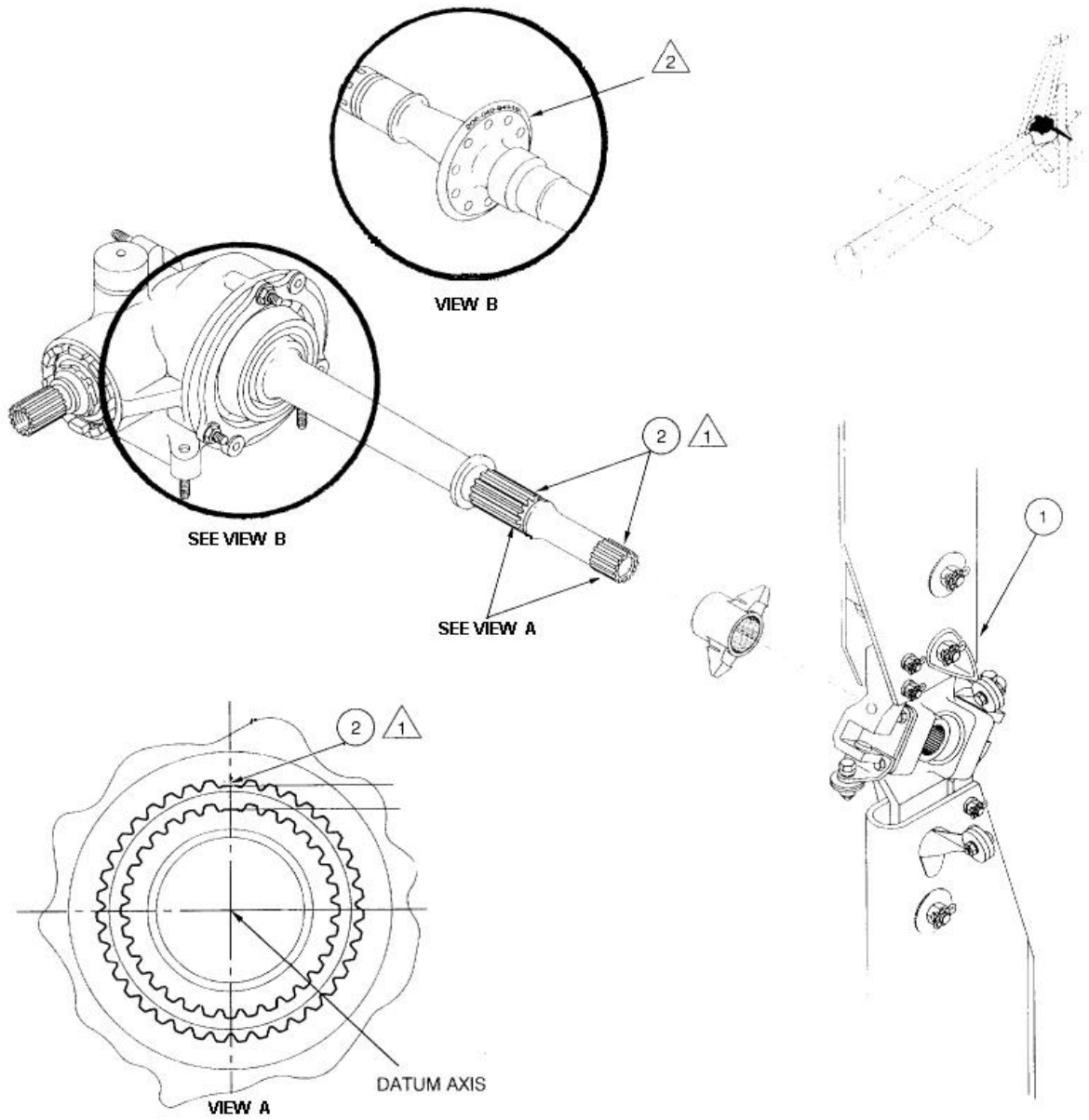
Fax: (450) 4333-0272 or Email: pselight@bellhelicopter.textron.com

5. If the output shaft master splines are aligned no further action is required. Install tail rotor hub and blade assembly (BHT-206-SI-2054 or BHT-206-SI-2057).

6. Annotate aircraft records to indicate compliance with this bulletin.

TABLE 1- Part description



NOMENCLATURE	PART NUMBER	SERIAL NUMBER
T/R Gearbox Output Shaft	206-040-949-101	A-85



LEGEND

- 1. Tail rotor assembly
- 2. Master spline

NOTE

-  Master splines of cross head and tail rotor trunnion shall be in line.
-  Part number and serial number located to this surface.

01595001

Figure 1. Output Shaft Master Splines - Inspection