

ALERT SERVICE BULLETIN



NO. 204-09-65
DATE July 14, 2009
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DATE
REV

MODEL AFFECTED: 204B

SUBJECT: ELEVATOR HORN P/N 204-001-937,
ASSIGNMENT OF SERIAL NUMBER

HELICOPTERS AFFECTED: Model 204B helicopters serial number 2001 through 2070, 2196 through 2199 and all spares.

[Future spare Horn Assemblies will have the intent of this bulletin accomplished prior to delivery.]

COMPLIANCE: No later than 12 months from the release of this bulletin.

DESCRIPTION:

Bell Helicopter has been made aware that some Elevator Horn Assemblies P/N 204-001-937-005 and/or 204-001-937-101 were delivered without a serial number. The absence of a serial number may complicate tracking of the airworthiness life. This bulletin describes how to create a serial number, if the Horn Assy is not already serialized.

APPROVAL:

The engineering design aspects of this bulletin are FAA/ODA approved.

MANPOWER:

Approximately 1.0 man-hour is 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 provided for this bulletin.

MATERIAL:

None required

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-204B-M&O Maintenance & Overhaul Instructions
TB 204-00-46 Elevator Assy and Elevator Horn Assy, Increase in Retirement Life of.

PUBLICATIONS AFFECTED:

None affected

ACCOMPLISHMENT INSTRUCTIONS:

1. Make helicopter ready for maintenance.
2. Gain access to Horn Assy P/N 204-001-937-005 or -101 inside the tailboom.
3. Inspect Horn Assy dataplate for presence of a serial number matching the Historical Service Record.

4. If no serial number is present on the dataplate, create a unique serial number for each Horn Assy using one or two letters, a dash and 4 or 5 digits. Use prefix letters that are consistent with the company name of the operator or repair facility. Use random numbers over more obvious choices like "0001".

For example, Papa Tango Aviation Inc. could have picked "PT-54825".

If a serial number is present on the dataplate, use that number and go to step 6.

5. Using 1/8" (3 mm) alphanumeric stamps, mark the dataplate on the Horn Assy with the serial number obtained above. Care must be taken not to damage the base material of the Horn Assy.
6. If accumulated flight-hours are unknown, calculate as follows:
 - a. If the installation date is known but not the flight-hours, assume 900 hours per year since installation.
 - b. If neither the installation date nor the flight-hours are known, replace the Horn Assy.
7. If no Historical Service Record exists for the Horn Assy, create one as follows:
 - a. Print a blank form from www.bellhelicopter.net.
 - b. Enter the Horn Assy part number and the serial number created above.
 - c. Add the following note beside the serial number: "Serial number created as per ASB 204-09-65."
 - d. Enter the actual flight-hours or the flight-hour value calculated above.
8. Replace the Horn Assy when reaching its life limit of 5000 flight-hours, as stated in the 204B Maintenance & Overhaul Manual, Paragraph 1-106 Airworthiness Limitations Schedule and increased per TB 204-00-46.
9. Make an entry in the helicopter service records indicating compliance with this bulletin.