



INFORMATION LETTER

407-24-129

10 June 2024

TO: All owners and operators of Model 407 helicopters

SUBJECT: MAIN ROTOR BLADE BOLTS, OVERHAUL REQUIREMENT CLARIFICATION.

Bell received questions from owners/operators and maintainers regarding the requirement to perform Magnetic Particle Inspection (MPI) of the main rotor blade bolts. The blade bolts are listed in Table 62-3 of the Component Repair and Overhaul manual (BHT-407-CR&O) for the type of Non-Destructive Inspection (NDI) to be performed on the main rotor hub assembly parts at the time of overhaul.

However, the blade bolts are not part of the main rotor hub assembly per the CR&O configuration tables. Therefore, facilities performing the overhaul of the assembly may not consider the blade bolts MPI as part of maintenance requirement for certification of the overhaul performed on the main rotor hub assembly. Consequently, the blade bolts MPI would be performed only if the owner/operator elected to send them with the main rotor hub assembly.

To clarify the intent of performing the MPI on the main rotor blade bolts, they are now listed in the Maintenance Planning Information Manual (407-MPI), in the Table 1 of the COMPONENT OVERHAUL SCHEDULE, (DMC-407-A-05-10-00-02A-281A-A), with a 2500-hour interval.

For blade bolts in service that were not MPI per the above schedule, the MPI can be performed at the next 2500 hour scheduled interval.

The maintenance requirement from the 407-MPI, where the blade bolts are removed, cleaned, and inspected at every 600-hour or 12-month, remains unchanged.

For any questions regarding this letter, please contact:

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