



SERVICE LETTER

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PAGE 1 OF 2

MAIN ROTOR BLADE RETENTION BOLT CHECK

MODELS AFFECTED: MD900 helicopters serial numbers 900-00008 and subsequent with 900R3100001-103 main rotor blade retention bolts installed.

This Service Letter is issued to recommend that operators do a visual check of the main rotor blade retention bolt before or after each flight. An operator with at least a private pilot certificate can do the visual check.

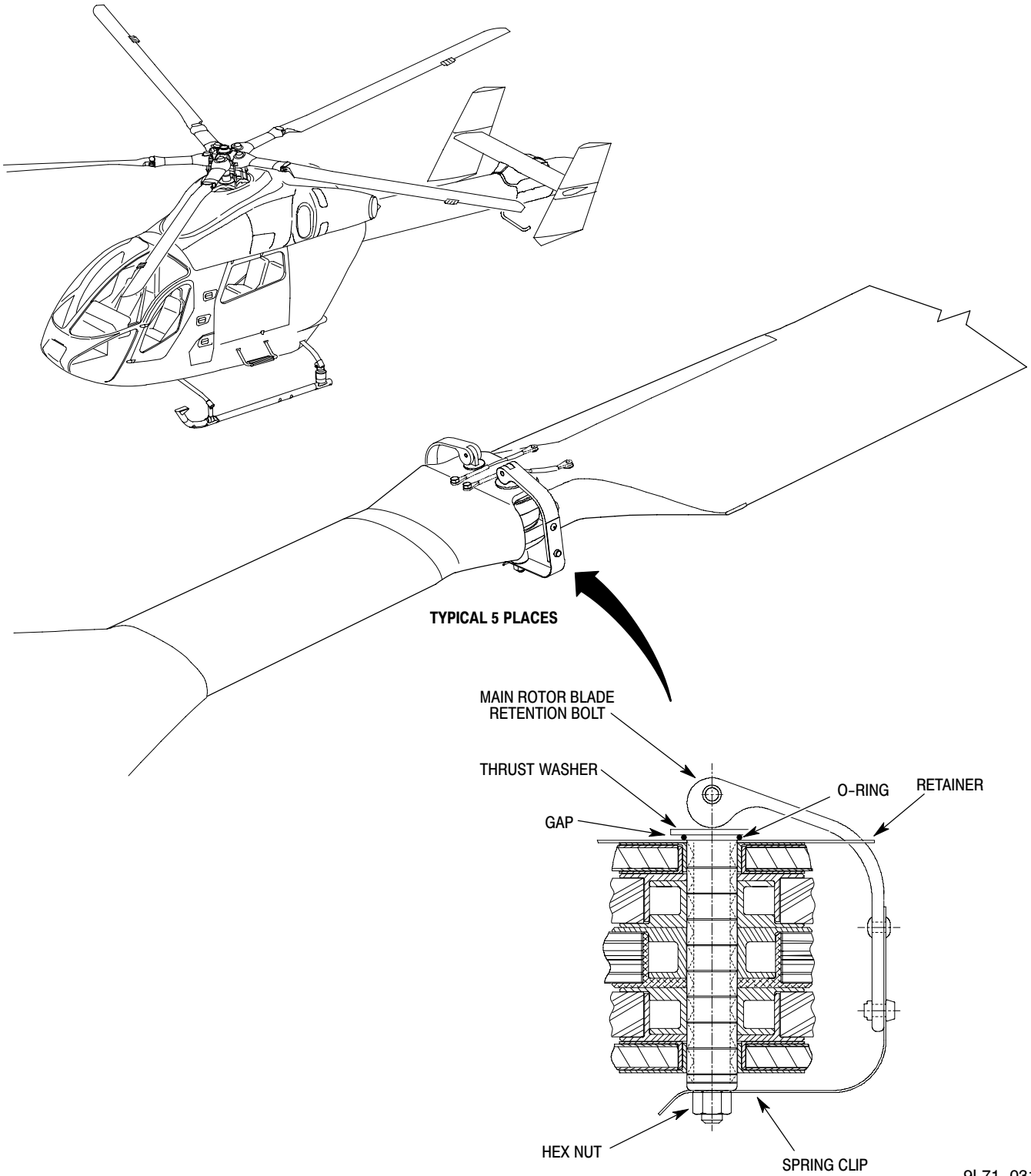
(Ref. Figure 1)

Visually examine the area around the hex hole in the spring clip for cracks. Make sure spring clip hex hole is fully engaged on hex nut. Visually examine the position of each main rotor blade retention bolt to make sure it has not moved up in the pitchcase. Make sure there is a gap between the main rotor blade retention bolt thrust washer and the retainer. Compare the gap between the main rotor blade retention bolt thrust washer and retainer to the gap at the other nine bolts. Each of the ten gaps must be almost the same.

If you think a main rotor blade retention bolt has cracks around the spring clip hex hole, spring clip hex hole is not fully engaged on hex nut, has moved up, or there is no gap under the thrust washer, have a certificated maintenance technician remove bolt and do a detailed inspection of the bolt (Ref. CSP-900RMM-2, Section 62-10-00). If no defects are found, install bolt (Ref. CSP-900RMM-2, Section 62-10-00).

For further assistance, contact the Field Service Department at MDHI, Mesa, Arizona. Telephone 1-800-388-3378 or (480) 346-6387. DATAFAX: (480) 346-6813.

SERVICE LETTER



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Figure 1. Main Rotor Blade Retention Bolt

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