

R44

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SERVICE BULLETIN SB-66
(supersedes Service Bulletin SB-45)

DATE: 18 March 2008

TO: R44 Owners, Operators, and Service Centers

SUBJECT: D202-2 Bracket Replacement

ROTORCRAFT AFFECTED: R44 Helicopters S/N 0001 thru 1879 with hydraulically-boosted main rotor flight controls. R44 II Helicopters S/N 10001 thru 12242.

TIME OF COMPLIANCE: Within next 100 flight hours or by 30 June 2008, whichever occurs first.

BACKGROUND: RHC has received reports of cracked D202-2 brackets. D202-2 revision G brackets incorporate design changes for increased durability. This service bulletin requires all D202-2 revision F and prior brackets be replaced.

COMPLIANCE PROCEDURE:

1. Order replacement D202-2 revision G (or subsequent) bracket from RHC Customer Service.
2. Remove C706-1 tailcone cowling and open mast fairing to access bracket.
3. Refer to R44 Illustrated Parts Catalog (IPC) Figure 7-55. Remove D202-2 bracket by removing NAS6604 bolt and MS27039C08 screws.
4. Install D202-2 revision G (or subsequent) bracket per R44 IPC Figure 7-55. Change washer thickness at bolt if required for two-four thread exposure beyond self-locking nut. Torque fasteners per R44 Maintenance Manual (MM) Section 1.320, and torque stripe per R44 MM Figure 2-1.
5. Reinstall C706-1 tailcone cowling and close mast fairing.
6. Make appropriate maintenance record entries.

Approximate Cost:

Parts: No charge for D202-2 revision G bracket if ordered before 30 June 2008. Order must include helicopter serial number.

Labor: 1.0 man-hour.