

R22

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SERVICE BULLETIN SB-87

DATE: 15 December 1999

TO: All R22 Owners, Operators, and Service Centers

SUBJECT: Seat Belt Anchor Upgrade

ROTORCRAFT AFFECTED: R22 Helicopters S/N 0002 thru 1979 unless factory overhauled November 1991 or later.

TIME OF COMPLIANCE: By 31 March 2000

BACKGROUND: Since 1991, A348-1 revision I and subsequent seat belt anchors have been heat treated to provide additional strength. Although the earlier non-heat-treated anchors met FAA strength requirements, RHC is requiring all anchors be upgraded to reduce any possibility of a future failure.

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COMPLIANCE PROCEDURE:

NOTE: Use R22 Maintenance Manual (MM) change 19 dated 30 June 1999 or later.

1. Reference helicopter serial number and order one A348-1 seat belt anchor from RHC Customer Service.
2. Remove A445-2 cover between seat bottoms.
3. Disconnect A333-1 collective stop from A348-1 seat belt anchor. (If seatback panels are removed, restrain collective from moving beyond normal up limit.)
4. Remove A348-1 seat belt anchor with attached seat belt buckle halves.
5. Transfer seat belt buckle halves to new seat belt anchor.
6. Install new seat belt anchor.
7. Connect A333-1 collective stop to seat belt anchor per R22 MM Section 8.212(e).
8. Verify collective friction is adjusted per R22 MM Section 8.225. Move collective thru full range of travel and verify no binding.
9. Install A445-2 cover.
10. Enter installation of A348-1 anchor, including revision letter, in aircraft maintenance records.

-OVER-

**Approximate Cost:**

- Parts:     \$312 deposit, fully refunded if old A348-1 anchor, or photographic evidence of its destruction, is received by RHC prior to 1 June 2000.
- Labor:     0.5 manhour.