

R44

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SERVICE BULLETIN SB-20

DATE: 16 April 1997

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: C315 Collective Support Weldment

ROTORCRAFT AFFECTED: R44 Helicopters S/N 0001 thru 0321 excluding S/N 0301, 0306, 0307, 0311, 0312, 0314, and 0319.

TIME OF COMPLIANCE: Within next 50 flight hours or by 31 May 1997, whichever occurs first.

BACKGROUND: Although no in-service failures have occurred, RHC testing indicates that the C315 Revision E or prior collective support weldment does not have the same fatigue strength margin of safety as the other control system components. The support has been redesigned to increase its fatigue strength to the same margins as the other primary control system components. The KI-120 kit also includes the adjustable collective friction assembly to upgrade aircraft prior to S/N 0201. The adjustable friction allows the mechanic to reduce collective friction to an optimum value for the pilot.

COMPLIANCE PROCEDURE:

1. Reference helicopter serial number, and order one KI-120 kit.
2. Install strengthened support per kit instructions.

Note: Insure that R44 Service Bulletin SB-13 has been complied with.

Approximate Cost:

Labor: 5 manhours

Parts: KI-120 Kit \$200.00 if ordered by 31 May 1997.
\$800.00 if ordered after 31 May 1997.
No charge for aircraft S/N 0201 and on.