

R44

Page 1 of 1

SERVICE BULLETIN SB-71
(supersedes Service Bulletin SB-58A)

DATE: 25 March 2009

TO: R44 II Owners, Operators, and Service Centers

SUBJECT: R44 II Throttle Link

ROTORCRAFT AFFECTED: R44 II Helicopters S/N 10001 thru 12529.

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 July, whichever occurs first.

BACKGROUND: B564-2 revision C throttle links have Teflon-lined steel bearing races, designed to prevent race separation from link body. This bulletin requires replacing earlier revision links having aluminum-bronze races. Large-diameter safety washers will remain installed to prevent loss of throttle control if a bearing race separates.

COMPLIANCE PROCEDURE:

1. Order B564-2 revision C (or subsequent) link from RHC Customer Service (via RHC web site or by phone).
2. Remove engine right cowling and air intake hose.
3. Refer to R44 Illustrated Parts Catalog Figure 4-19B dated JUL 2008. Remove B564-2 revision B link or D853-1 link assembly. Install B564-2 revision C (or subsequent) link. Verify A141-17 safety washers are installed per R44 SB-62. Standard torque nuts to 50 in.-lb, palnuts to 10 in.-lb, and torque stripe per R44 Maintenance Manual (MM) Figure 2-1.
4. Verify throttle correlation rigging per R44 MM Section 10.150.
5. Install air intake hose.
6. Install engine right cowling.
7. Make appropriate maintenance record entries.

Approximate Cost:

Parts: R44 II Helicopters S/N 12100 and subsequent, are under warranty. No charge if ordered by 31 July 2009.

B564-2 revision C link: R44 II Helicopters S/N 10001 thru 12099, \$32 if ordered by 31 July 2009.

Order must include helicopter serial number.

Labor: 0.5 man-hour.

THE DESIGN ENGINEERING ASPECTS OF THIS BULLETIN HAVE BEEN SHOWN TO COMPLY WITH APPLICABLE FEDERAL AVIATION REGULATIONS AND ARE FAA APPROVED.