

SERVICE BULLETIN #37A

DATE: 17 February 1984

TO: R22 Owners and Operator

SUBJECT: Washer installed at M.R. Pitch Rod End

ROTORCRAFT AFFECTED: R22 Serial No. 0002 through 0333

TIME OF COMPLIANCE: Within 50 hours or by 31 March, whichever occurs first.

BACKGROUND: Without this change, it is possible for a mechanic to tilt the rotor head during ground handling to an extreme which could exceed the rod end bearing misalignment capability and possibly damage the bearing or bend the pitch link.

COMPLIANCE PROCEDURE:

NOTE

Bolt lengths indicated in the following procedure must be installed when adding AN960-416 or 416L washers to ensure proper thread engagement. If your helicopter is not equipped with these bolt lengths you may order RHC Kit KI-32 at no charge.

1. Install one each AN960-416L washer on each blade, between the A115-1 spacer and M.R. Blade Pitch horn if not already installed. Use NAS1304-17 bolt at locations indicated in figure on page two.
2. Check that two each AN960-416L washers or one AN960-415 washer are installed between the five large AN970-4 washers and A115-1 spacer on the lower rod end. Use NAS1304-21 bolt at location indicated in figure on page two.
3. Visual inspect M.R. Pitch Link is not bent.

KIT CONTENTS:

2ea. NAS1304-17 Bolt
1ea. NAS1304-21 Bolt
6ea. AN960-416L Washer
1ea. Copy of SB-37A

Approximate Cost: Material: Minimal
Labor: ½ hour

