



R44 SERVICE LETTER SL-95

R66 SERVICE LETTER SL-54

DATE: 9 October 2025

TO: R44, R44 II, and R66 Owners, Operators, and Maintenance Personnel

SUBJECT: C258-8 Pitch Link Assembly

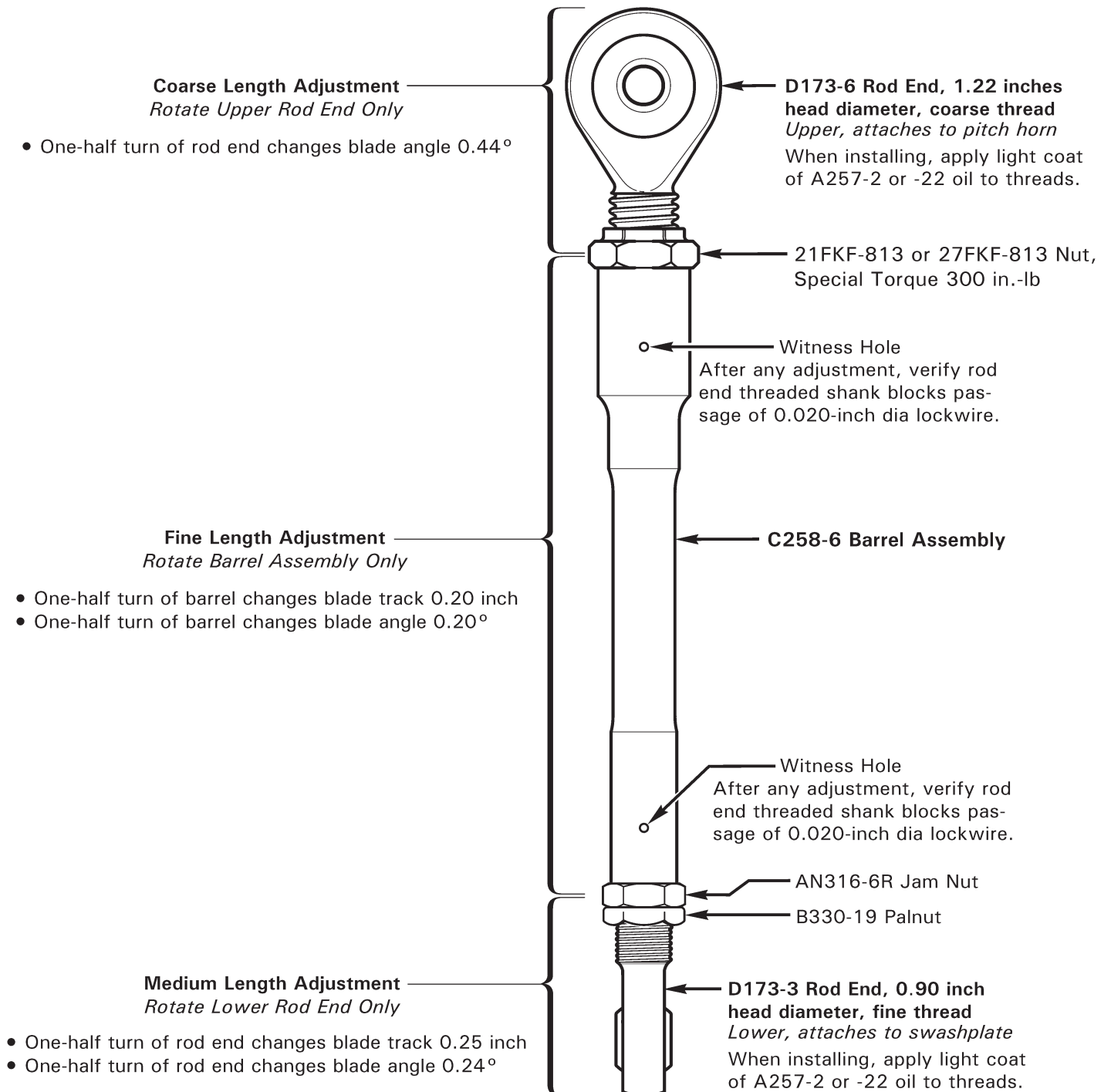
BACKGROUND: Part number C258-8 pitch link assembly for the main rotor is now being supplied on new R44-series and R66 helicopters. The C258-8 pitch link assembly features a larger, more durable upper rod end. This service letter provides instructions for installation and adjustment of C258-8 pitch link assemblies.

C258-8 USAGE AND ADJUSTMENTS: (refer to illustration on page 2)

1. C258-8 pitch link assembly replaces C258-1 & C258-5 pitch link assemblies, and must be installed in pairs. The larger rod end must attach to the MRB pitch horn using a longer NAS6605-23 bolt in conjunction with a larger, 1.03-inch diameter C141-27 safety washer under the bolt head. Weight change is negligible.
2. When replacing pitch link assembly or pitch link parts, measure & record original link's rod end center-to-center dimension prior to disassembly; maintain recorded dimension within plus/minus 0.005 inch after installation.
3. After pitch link installation or adjustment, verify both rod end threaded shanks block passage of 0.020 inch diameter lockwire at witness holes in barrel assembly.
4. Blade tracking fine adjustment is accomplished by rotating barrel assembly while rod ends remain connected to pitch horn and swashplate.
5. Apply torque stripes for maximum preflight visibility after torquing nuts.
6. Due to a self-locking thread insert, lockwire is not required.
7. Apply light coat of A257-2 or A257-22 oil to rod end threads before installing rod end.

Approximate Cost:

Parts: \$850 for one complete C258-8 link assembly



C258-8 PITCH LINK ASSEMBLY