

R44 SERVICE LETTER SL-58

R66 SERVICE LETTER SL-20

DATE: 30 January 2017

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

SUBJECT: C258-5 Pitch Link Assembly

BACKGROUND: Part number C258-1 pitch link assembly, main rotor, is no longer available and is superseded by new part number C258-5 pitch link assembly. C258-5 link assembly features a separately replaceable lower rod end. This service letter provides instructions for adjustment of the new C258-5 assemblies.

C258-5 USAGE AND ADJUSTMENTS: (refer to illustration on page 2)

1. C258-5 pitch link assembly directly replaces C258-1 pitch link assembly, and may be installed singly or in pairs; there is no weight change.
2. When replacing pitch link assembly or pitch link parts, keep overall length within plus/minus 0.005 inch of removed link prior to disassembly.
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. Apply torque stripes for maximum preflight visibility after torquing nuts.
5. Due to a self-locking thread insert, lockwire is not required.
6. Similar to C258-1 pitch link assembly, blade tracking fine adjustment is accomplished by rotating barrel with rod ends remaining connected to pitch horn and swashplate; one full turn of barrel is equivalent to one-half turn of upper rod end.
7. Apply light coat of A257-2 or A257-22 oil to threads when replacing rod ends.

Approximate Cost:

Parts: \$651 for complete C258-5 link assembly

