

R44 SERVICE LETTER SL-49

DATE: 10 September 2014

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

SUBJECT: C016-7 Main Rotor Blades

BACKGROUND: Aluminum skin C016-7 main rotor blades do not require compliance with FAAAD 2011-12-10. Stainless steel skin C016-2 or C016-5 blades may be replaced with aluminum skin blades for a discounted price. The C016-7 blade is part of the C005-12 blade and spindle assembly and a set may be installed on any helicopter that complies with R44 Service Letter SL-37A.

COMPLIANCE PROCEDURE:

For R44 & R44 II owners and operators wanting to exchange C016-2 or C016-5 blades for C016-7 blades:

1. Verify helicopter complies with R44 Service Letter SL-37A.
2. Remove C005-6 or C005-8 blade and spindle assemblies (with C016-2 or C016-5 blades) per R44 Maintenance Manual (MM).
3. Cut off root section of blades (just outboard of blade data plate), leaving spindles installed and data plates with serial numbers attached. Return root sections to RHC with a completed Component Return Authorization Form requesting a set of **exchange C005-12R blade and spindle assemblies, referencing R44 SL-49.**
4. Install replacement main rotor blade and spindle assemblies per R44 MM.
5. Enter new blade and spindle serial numbers in aircraft maintenance records.
6. Revise Weight and Balance Record located in helicopter's Pilot's Operating Handbook.
 - a. There is a 2 pound decrease at FS 100 when replacing C016-2 blades with C016-7 blades.
 - b. There is a 3 pound decrease at FS 100 when replacing C016-5 blades with C016-7 blades.

(OVER)

COST:

Discounted Blade and Spindle Assemblies: RHC will exchange airworthy C005-6 or C005-8 blade and spindle assemblies which are **not more than 8 years old AND have less than 1800 hours time in service** for C005-12 blade and spindle assemblies at a discounted price. List price of \$46,000 discounted to \$23,000 (\$11,500 per blade and spindle assembly) for a **C005-12R blade and spindle set** (includes two new blades with new spindles).

For advance orders, full list price will be charged and a \$23,000 credit will be issued upon receipt of acceptable cut-off blade and spindle cores.

Discounts not available for blades over 8 years old, having more than 1800 hours time in service, or, in the opinion of RHC, were not airworthy when they were removed from service. Normal Service Center discounts do not apply.