

R22 SERVICE LETTER SL-81C

(supersedes R22 Service Letter SL-81B)

R44 SERVICE LETTER SL-67C

(supersedes R44 Service Letter SL-67B)

R66 SERVICE LETTER SL-25C

(supersedes R66 Service Letter SL-25B)

DATE: 25 June 2018

REV C: 4 December 2023

TO: R22-series, R44-series, & R66 Dealers and Service Centers

SUBJECT: Component Maintenance Course

SUMMARY: Service Centers desiring to perform specialized Component Maintenance must meet following eligibility requirements:

- RHC-authorized R22, R44, or R66 Service Center
- FAA Part 145 Repair Station, or foreign equivalent, with at least a Limited Airframe rating for R22-series, R44-series, and/or R66 helicopters
- Own the Component Maintenance special tools listed in [KI-5502](#) (tools are only available to Service Centers meeting preceding requirements)
- Employ technician listed on Repair Station Personnel Roster with following qualifications:
 - Repairman's certificate, Airframe-rated licensed technician, or foreign equivalent
 - Completed Component Maintenance course, or previously completed both Session I & Session II "Component Overhaul" courses

The 3-day Component Maintenance Course provides training for the following:

- R22 Clutch maintenance procedures and 12-year inspection
- R44 Clutch upgrade (tapered-roller bearings) and 12-year inspection
- R22, R44 Main gearbox upper sealed bearing replacement and 12-year inspection
- R22, R44, R66 MR blade assembly replacement procedures and 12-year inspection
- R22, R44, R66 Spindle & bearing assembly removal from, & installation in, MR blade
- R22, R44, R66 Spindle bearing replacement
- R44, R66 Hydraulic servo upper seal replacement

(OVER)

Changes to Instructions for Continued Airworthiness (ICA):

- R22 (DEC 2007) & R44 (FEB 2008) Component Overhaul Manuals (COMs) are cancelled.
- One Component Maintenance Manual (CMM) will be emailed to the Repair Station/Service Center upon completion of technician training. A binder with appropriate tabs is included in KI-5502 for use with a paper manual, if desired.
- Paper CMM revisions will not be distributed by mail. Digital CMM revisions will be distributed to the Repair Station/Service Center email address on file. To verify CMM is current, refer to the issue or revision date in bold at the top of a CMM Revision Log page, then visit <https://robinsonheli.com> to verify the revision date is current. Email subscriptions@robinsonheli.com if Repair Station/Service Center email address requires updating.

For further information regarding tuition, scheduling, and applications, contact Mallory Kohler, Course Administrator at courses@robinsonheli.com or (310) 539-0508 ext. 151.