



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety

Compliance & Airworthiness Division
Los Angeles ACO Branch
3960 Paramount Boulevard, Suite 100
Lakewood, CA 90712-4137

March 16, 2020

In reply, refer to: 790-20-3198

Robinson Helicopter Company
Attn: Mr. Dale Taft
2901 Airport Drive
Torrance, California 90505

Reference: (1) Robinson Helicopter Company Request Letter 44-20-03-01, dated
March 05, 2020
(2) Robinson R44 Service Letter (SL)-37, dated June 18, 2010
(3) Robinson R44 SL-37C, dated March 05, 2020

Dear Mr. Taft:

Subject: Approval of Alternative Method of Compliance (AMOC) to Airworthiness
Directive (AD) 2014-23-16 for Robinson R44

The Federal Aviation Administration (FAA) has received the reference (1) letter requesting an AMOC to AD 2014-23-16. AD 2014-23-16 requires inspection of certain main rotor blades and eventual replacement in accordance with the reference (2) SL.

The reference (3) SL is an updated version of the reference (2) SL. The changes in this service letter include an added reference to an upgrade kit to aid in the upgrade to the hydraulics flight controls required for the replacement rotor blade as well as additional part numbers that can be used for the dual tachometer and the main rotor gear box. You are requesting to use the reference (3) SL as an AMOC to the use of the reference (2) SL required by paragraph (f)(6)(iii) of AD 2014-23-16.

We have reviewed your reference (1) request and find that your proposal provides an acceptable level of safety with regards to the requirements by paragraph (f)(6)(iii) of AD 2014-23-16.

We have completed our review and approve the use of the reference (3) SL as an AMOC to the use of the reference (2) SL required by paragraph (f)(6)(iii) of AD 2014-23-16.

The following limitations apply to this AMOC:

1. All provisions of AD 2014-23-16 not specifically referenced above remain fully applicable and must be complied with accordingly.

2. This approval is applicable to Robinson Helicopter Company Model R44 Series Helicopters.
3. This FAA AMOC is transferable with the aircraft to another owner/operator.
4. Before using this AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local Flight Standards District Office/Certificate Holding District Office.

The preceding paragraph also applies to any applicable foreign-registered aircraft upon transfer of the aircraft to the U.S. registry if compliance with the AMOC has not been accomplished.

5. This AMOC only applies to the FAA AD listed above. The FAA does not have the authority to approve this as an AMOC to any AD issued by another civil aviation authority (CAA). Approval of an AMOC to another CAA's AD must come from that CAA. A copy of this response will be forwarded to the CAA where this aircraft is registered for their consideration.

If you have any questions, or need additional information, please contact Mr. James Guo at (562) 627-5357, fax (562) 627-5210, or email at james.guo@faa.gov.

Sincerely,



For Gregory S. DiLibero
Aviation Safety
Manager, Los Angeles ACO Branch

cc: eng3@robinsonheli.com
EASA: ads@easa.europa.eu
Transport Canada: cawwebfeedback@tc.gc.ca