



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

Aviation Safety

1600 Stewart Avenue, Suite 410
Westbury, New York 11590

December 20, 2024

Letter Number: 733-24-00349

Mike May
Sr. Technical Representative
Airbus Helicopters
2701 Forum Drive
Grand Prairie, TX 75052-7099

Subject: Alternative Method of Compliance (AMOC) to Federal Aviation Administration (FAA) Airworthiness Directive (AD) 2021-09-07

Dear Mr. May:

This letter cancels and supersedes FAA letter number AIR-730-22-037 dated January 24, 2022. The FAA received your email dated 25 November 2024 requesting an amendment to Global AMOC letter number AIR-730-22-037 to approve use of the latest revisions of documentation cited in that letter. AD 2021-09-07 was issued in correspondence to European Union Aviation Safety Agency (EASA) AD 2020-0105 and was prompted by a hard landing of an Airbus Helicopters Model EC135 helicopter and the discovery of a ruptured and displaced tie bar inside the piston of the longitudinal single-axis actuator of the MRA. Global AMOC letter AIR-730-22-037 approved changes to paragraphs (h)(5) and (h)(7) of AD 2021-09-07, and approved use of the following documents to address Airbus EC135 P3 and T3 models equipped with the Helionix avionics suite:

1. Airbus Service Bulletin EC135H-67A-011, Rev. 2
2. Airbus Service Bulletin EC135H-67-012, Rev. 1
3. Liebherr ref. no. L-1643MTA-002 issue 03
4. Liebherr ref. no. L-1643MTA-003 issue 03

Your AMOC proposal requested updating the previous AMOC approval to include the following revised material:

1. Liebherr ref. no. L-1643MTA-0002 issue 05 approved 8 November 2024
2. Liebherr ref. no. L-1643MTA-0003 issue 05 approved 8 November 2024

The International Validation Branch approves your global AMOC proposal to comply with the abovementioned revised documents for compliance with paragraphs (h)(5) and (h)(7) of AD 2021-09-07 and grants credit for your continual inspection/maintenance program, manufacturer specialized training, and previous compliance to the following Airbus Service Bulletins:

- Service Bulletins: EC135-67A-039 Rev. 2 or later approved revision

- Service Bulletin EC135-67-040 Rev. 1 or later approved revision
- Service Bulletin EC135H-67A-011, Rev. 2 or later approved revision
- Service Bulletin EC135H-67-012, Rev. 1 or later approved revision

This AMOC approval applies to Airbus Helicopters Deutschland GmbH Model EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, and EC135T3 helicopters certificated in any category, with any of the following part numbers as specified in Paragraphs (c)(1) through (c)(3) of AD 2021-09-07:

- Longitudinal single-axis actuator Part Number (P/N) L673M20A1008 or P/N L673M30A2111
- Collective single-axis actuator P/N L673M20A1012, P/N L673M30A1211, or P/N E673M30A1201
- Lateral single-axis actuator P/N L673M20A1011 or P/N L673M30A2311

The following material provides the data used to establish the level of safety which was the basis for approving the AMOC.

1. Airbus Helicopters AMOC proposal email dated 25 November 2024
2. FAA Letter number AIR-730-22-037
3. Liebherr ref. no. L-1643MTA-0002 issue 05 approved 8 November 2024
4. Liebherr ref. no. L-1643MTA-0003 issue 05 approved 8 November 2024

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.

All provisions of AD 2021-09-07 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

This FAA AMOC is transferable with the aircraft to another operator.

If you have any questions or need additional information, please contact Dan McCully at william.mccully@faa.gov.

Sincerely,

for
John Yoo
Manager, International Validation Branch
Compliance and Airworthiness Division
Aircraft Certification Service