AIRBUS HELICOPTERS

Airbus Helicopers, Inc.
Technical Support
2701 Forum Drive
Grand Prairie, TX 75052

April 15, 2014

Subject: **GLOBAL AMOC for AD 2014-05-06**
Attachments: AD 2014-05-06 Dated March 10, 2014
GLOBAL AMOC Dated April 15th, 2014
ASB EC135-67A-019 Rev 03 dated December 16, 2009
ASB MBB BK117 C-2-67A-010 Rev 03 dated February 08, 2010

To all EC135 and BK117C2 Operators,

On Friday March 10, 2014, AD 2014-05-06 was issued for the Eurocopter EC135, all models with effective serial numbers 0005 to 0829 concerning inspection of flight control bearings for correct installation. This AD also covers the Eurocopter BK117C2 model with effective serial numbers 9004 to 9310 concerning inspection of flight control bearings for correct installation.

ASB EC135-67A-019 Rev 03 introduces a recurrent inspection after compliance to inspect these bearings at the Periodical inspection that is now 1000 hours or 36 months with a 10% tolerance, whichever occurs first.

ASB MBB BK117 C-2-67A-010 Rev 03 introduces a recurrent inspection after compliance to inspect these bearings at the Periodical inspection now at 800 hours or 24 months with a 10% tolerance, whichever occurs first.

The FAA has granted the attached AMOC as of April 15, 2014 to increase the inspection requirement for the EC135 from 800 hours to the new requirement of **1000 hours** and for the BK117C2 model helicopters from 600 to **800 hours.**

The letter is to bring to our customer's attention that the current periodical inspection time limits may be used for compliance with AD 2014-05-06.

Best Regards,

Mark Jones
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April 15, 2014

Mr. Mark Jones
Director, Technical Support
Airbus Helicopters
2701 Forum Dr. Grand Prairie,
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Dear Mr. Jones,

We received your proposal for an Alternate Means of Compliance (AMOC) to Airworthiness Directive (AD) 2014-05-06 paragraph (e)(1) (E) and paragraph (e)(2)(E) dated March 10, 2014, which is applicable to the following models:
(1) Airbus Helicopter Deutschland GmbH (AHD) Model EC135 P1, P2, P2+, T1, T2, and T2+ helicopters, serial number (S/N) 0005 through 00829, with a tail rotor control lever, part number (P/N) L672M2802205 or L672M1012212; cyclic control lever, P/N L671M1005250; collective control lever assembly, P/N L671M2020108; or collective control plate, P/N L671M5040207; installed; and
(2) Model MBB-BK 117 C-2 helicopters, S/N 9004 through 9310, with a tail rotor control lever assembly, P/N B672M1007101 or B672M1807101; tail rotor control lever, P/N B672M1002202 or L672M2802205; or lateral control lever assembly, P/N B670M1008101, installed.

The following Alert Service Bulletins (ASB) were issued by AHD with respect to the tail rotor control lever, cyclic control lever and collective control lever.
ASB EC135-67A-019 Rev 3 was released on December 16, 2009 to inspect the tail rotor, cyclic and collective controls
ASB MBB BK117 C-2-67A-010 Rev 3 was released on February 08, 2010 to Inspect the tail rotor-and lateral control

We evaluated the inspection requirements on the EC-135 for the tail rotor, cyclic and collective controls. Since the issuance of the AD, AHD has increased their periodic inspection from 800 Time in Service (TIS) up to 1000 TIS on the EC135 models listed above. The intent of ASB EC135-67A-019 Rev 3 was to perform the bearing inspection during the periodic inspection. Since the periodic inspection increased to 1000 hours TIS it is a reasonable assumption that the inspection of the bearing can also be increased to 1000 TIS to correspond with the periodic inspection. The increase in inspection time is supported by evidence of no reported failed bearings after compliance with the ASB. Increasing the inspection interval requirements listed in the ASB provides an acceptable level of safety. The original first inspection is unchanged at 50 hours TIS and with the reoccurring inspection increased to 1000 hours TIS after the first inspection and every 1000 hours TIS thereafter.

We evaluated the inspection requirements on the MBB BK117 C-2 for the tail rotor and lateral controls. Since the issuance of the AD, AHD has increased their periodic inspection from 600 Time in Service (TIS) up to 800 TIS on the MBB BK-117 C-2 models listed above. The intent of ASB MBB BK117 C-2-67A-010 Rev 3 was to perform the bearing inspection during the periodic inspection. Since the periodic inspection increased to 800 hours TIS it is a reasonable assumption that the inspection of the bearing can also be increased to 800 TIS to correspond with the periodic inspection. The increase in inspection time is supported by evidence of no reported failed bearings after compliance with the ASB. Increasing the inspection interval requirements listed in the ASB provides an acceptable level of safety. The original first inspection is unchanged at 50 hours TIS and with the reoccurring inspection increased to 800 hours TIS after the first inspection and every 800 hours TIS thereafter.

The FAA approves your AMOC to AD 2014-05-06 paragraph (e)(1)(E) to revise the compliance times from 800 hours TIS to 1000 hours TIS (plus 100 TIS or 3 calender months past 36 months) for the EC-135 model helicopter (for the specific models listed above). The FAA approves your AMOC to AD 2014-05-06 paragraph (e)(2)(E) to revise the compliance times from 600 hours TIS to 800 hours TIS (plus 80 TIS or 3 calender months past 36 months) for the MBB BK117C2 model helicopter (for the specific models listed above).

This FAA AMOC is transferable with the aircraft to an operator who operates the aircraft under U.S. registry.

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 2014-05-06 that are not specifically referenced above remain fully applicable and must be complied with accordingly.

If there are any questions regarding this approval, please contact Matthew Fuller by mail, telephone (817) 222-5161, or email matthew.fuller@faa.gov.

Thank you.

for James A. Grigg
Manager, Safety Management Group
Aircraft Certification Service

Cc: Fort Worth FSDO, Fort Worth AEG