Airworthiness Directive

AD No.: 2025-0142R1

Issued: 27 August 2025

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I Part M.A.301, or Annex Vb Part ML.A.301, as applicable, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I Part M.A.303, or Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

LEONARDO S.p.A.

Type/Model designation(s):

A109 and A119 helicopters

Effective Date: Revision 1: 03 September 2025
Original issue: 21 July 2025

TCDS Number(s): EASA.R.005

Foreign AD: Not applicable

Revision: This AD revises EASA AD 2025-0142 dated 07 July 2025.

ATA 67 – Rotors Flight Control – Cyclic Control System / Pitch and Roll Actuators Attaching Bolt – Inspection

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Manufacturer(s):

Leonardo S.p.A. Helicopters, formerly Finmeccanica S.p.A., AgustaWestland S.p.A., Agusta S.p.A.; and AgustaWestland Philadelphia Corporation, formerly Agusta Aerospace Corporation

Applicability:

A109A, A109AII, A109C, A109K2 and A119 helicopters, all serial numbers (s/n); and

AW119MKII helicopters having s/n from 14701 to 14999 (inclusive), from s/n 15001 to s/n 15035 (inclusive), from s/n 15521 to S/N 15535 (inclusive) and from s/n 15801 to s/n 15927 (inclusive), except s/n 15809 and s/n 15810.

Definitions:

For the purpose of this AD, the following definitions apply:

Affected part: Bolts that attach the pitch (longitudinal) actuator assembly having Part Number (P/N) 109-0020-86-3 and the roll (lateral) actuator assembly having P/N 109-0020-86-1, respectively to the pitch (longitudinal) bellcrank assembly P/N 109-0020-69-9 or P/N 109-0020-69-113, as applicable and the roll (lateral) bellcrank assembly P/N 109-0020-55-9 or P/N 109-0020-55-113, as applicable.

Serviceable part: An affected part which is new (never previously installed).

The ASB: Leonardo Alert Service Bulletin (ASB) 109-165 (for A109A, A109AII and A109C helicopters), 109K-084 (for A109K2 helicopters) and ASB 119-156 (for A119 and AW119MKII helicopters).

Reason:

Incorrect installation of an affected part was identified. Subsequent investigation determined that the maintenance instructions to install the affected part included potentially misleading information.

This condition, if not detected and corrected, could lead to reduced range of the helicopter cyclic control resulting in reduced control of the helicopter.

To address this potential unsafe condition, Leonardo issued the ASB providing one-time inspection instructions. Leonardo also updated maintenance instructions related to installation of the affected part. Consequently, EASA issued AD 2025-0142 to require a one-time inspection of each affected part to verify the direction of their installation and, depending on finding(s), corrective action. This AD also prohibited use of the maintenance instructions providing potentially misleading part installation instructions.

Since that AD was issued comments were received highlighting typographical inaccuracies and, in response, this AD is revised to correct the typographical errors.

Required Action(s) and Compliance Time(s):

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Inspection(s):

(1) Within 25 flight hours after 21 July 2025 [the effective date of the original issue of this AD] inspect the orientation of the installation of each affected part in accordance with the instructions of the ASB.

Corrective Action(s):

(2) If, during the inspection as required by paragraph (1) of this AD, incorrect installation orientation of an affected part is identified, before next flight, inspect the incorrectly installed affected part and support assembly P/N 109-0020-70-105 in accordance with the instructions of the ASB.

(3) If, during the inspection as required by paragraph (2) of this AD, interference and/or damage is identified between an affected part and the support assembly P/N 109-0020-70-105, before next flight contact Leonardo for approved corrective action instructions and accomplish those instructions accordingly.

(4) If, during the inspection as required by paragraph (2) of this AD, no interference and no damage is identified between an affected part and the support assembly P/N 109-0020-70-105, before next flight inspect the incorrectly installed affected part in accordance with the instructions of the ASB.

(5) If, during the inspection as required by paragraph (4) of this AD, a damaged affected part is detected, before next flight replace that part with a serviceable part in accordance with the instructions of the ASB.

Additional Maintenance Requirements:

(6) From 21 July 2025 [the effective date of the original issue of this AD], do not accomplish any maintenance action on a helicopter in accordance with Leonardo maintenance instructions as listed in Table 1 of this AD.

Table 1 – Maintenance Instructions NOT TO BE USED (see Note 1 of this AD)

	MM	**Revision**	
A109A and A109AII	27-20-1H	6 and earlier	
	27-20-1M		
	27-20-08		
A109C	67-12-25I		
	67-12-25J		
	67-12-25S		
	67-12-25T		
	67-12-31		
A109K2	67-12-25I	7 and earlier	
	67-12-25J		
	67-12-25S		
	67-12-25T		
	67-12-30		
	67-12-31		
A119 and AW119MKII	**AMP DM**	**Issue**	**IETP Issue**
	19-A-67-10-00-00A-271A-A	008 and earlier	31 and earlier
	19-A-67-12-07-00A-520A-A		
	19-A-67-12-07-00A-720A-A		
	19-A-67-12-10-00A-520A-A		
	19-A-67-12-10-00A-720A-A		
	IPD DM		
	19-A-67-12-00-010-941A-A	007 and earlier	

Note 1:
Abbreviations used in Table 1 of this AD:
AMP DM: Aircraft Maintenance Publication Data Module

IPD: Illustrated Parts Data publication
IETP: Interactive Electronic Technical Publications
MM: Maintenance Manual

Ref. Publications:

Leonardo ASB 109K-084 original issue dated 01 July 2025.

Leonardo ASB 119-156 original issue dated 01 July 2025.

Leonardo ASB 109-165 original issue dated 01 July 2025.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.

2. Based on the required actions and the compliance time, the original issue of this AD was posted on 07 July 2025 as Final AD with Request for Comments, postponing the public consultation process until 04 August 2025. The Comment Response Document can be found in the EASA Safety Publications Tool, in the compressed ('zipped') file, attached to the record for this AD.

3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.

4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the EU aviation safety reporting system. This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.

5. For any question concerning the technical content of the requirements in this AD, please contact: Leonardo S.p.A. Helicopters, E-mail: engineering.support.lhd@leonardocompany.com.