



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 25-154**

**Issued: 30 September 2025**

Note: This Proposed Airworthiness Directive (PAD) 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.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Design Approval Holder's Name:**

AIRBUS S.A.S.

**Type/Model designation(s):**

A318, A319, A320 and A321 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**TCDS Number(s):** EASA.A.064

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 32 – Landing Gear – Nose Landing Gear Sliding Tube – Inspection

**Manufacturer(s):**

Airbus, formerly Airbus Industrie.

**Applicability:**

Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A319-151N, A319-153N, A319-171N, A319-173N, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A320-251N, A320-252N, A320-253N, A320-271N, A320-272N, A320-273N, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232, A321-251N, A321-251NX, A321-252N, A321-252NX, A321-253N, A321-253NX, A321-271N, A321-271NX, A321-272N, and A321-272NX, aeroplanes, all manufacturer serial numbers (MSN).

**Definitions:**

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

**Affected part:** Nose landing gear (NLG) sliding tube having part number (P/N) 50-3752016-00 and a serial number (s/n) listed in Appendix 1 of this AD, except those which have been re-identified with the letters 'MPI' in the vicinity of the P/N on the sliding tube in accordance with the instructions of the AOT.



**Serviceable part:** NLG sliding tube eligible for installation in accordance with Airbus instructions which is not an affected part.

**The AOT:** Airbus Alert Operators Transmission (AOT) A32N037-25.

**Aeroplane reference date:** The date of transfer of title (ownership) of the aeroplane upon delivery by Airbus to the first operator, which is referenced in Airbus documentation.

**Groups:**

Group 1 aeroplanes are those having an affected part installed.

Group 2 aeroplanes are those which are not Group 1 aeroplanes.

Aeroplanes having the aeroplane reference date after the effective date of this AD are considered Group 2 aeroplanes.

**Reason:**

Occurrences were reported of affected parts having widespread overheat damage and multiple cracks on the base metal during shop visits. The investigation revealed that this results from overheat damage that occurred during the chrome grinding phase during manufacturing.

This condition, if not detected and corrected, may induce multiple cracks on the entire sliding tube which could result in an NLG failure.

To address this potential unsafe condition, Airbus issued the AOT, providing instructions to accomplish a special detailed inspection (SDI) of the affected parts.

For the reason described above, this AD requires accomplishment of the SDI of the affected parts, and in case of findings, replacement of the affected part.

**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) For Group 1 aeroplanes: Unless otherwise required by paragraph (4) of this AD, within the compliance time as specified in Table 1 of this AD, as applicable, accomplish an SDI of the affected part in accordance with the instructions of the AOT.



Table 1 – Compliance Time

<b>Flight Cycles (FC) accumulated by the affected part since new on the effective date of this AD</b>	<b>Compliance Time (after the effective date of this AD)</b>
More than 12 000 FC	Within 4 months
More than 8 000 FC, but less than or equal to 12 000 FC	Within 8 months
Less than or equal to 8 000 FC	Within 12 months

**Corrective Action(s):**

- (2) If, during the inspection of an affected part as required by paragraph (1) of this AD, any discrepancy is detected, before next flight, replace that affected part with a serviceable part in accordance with the instructions of the AOT.
- (3) If, during the inspection of an affected part as required by paragraph (1) of this AD, no discrepancy is detected, before next flight, re-identify that part with the letters 'MPI' in the vicinity of the P/N in accordance with the instructions of the AOT.
- (4) For an affected part which, before the effective date of this AD, passed an inspection (no discrepancy found) in accordance with the instructions of the AOT, but has not been re-identified as required by paragraph (3) of this AD, within 4 months after the effective date of this AD, re-identify that part with the letters 'MPI' in the vicinity of the P/N in accordance with the instructions of the AOT.

**Part(s) Installation:**

- (5) For Group 1 and Group 2 aeroplanes: From the effective date of this AD do not install an affected part, or any higher assembly having an affected part installed, on any aeroplane (see Note 1 of this AD).

Note 1: Removing an affected part from an aeroplane and, during the same maintenance visit, re-installing that part on the same aeroplane, is not considered "install" as specified in paragraph (5) of this AD.

**Ref. Publications:**

Airbus AOT A32N037-25 original issue dated 27 August 2025.

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

**Remarks:**

1. This Proposed AD will be closed for consultation on 28 October 2025.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).



3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, 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 PAD 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.
4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – Airworthiness Office – 1IASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).



## Appendix 1 – List of Affected Part s/n

16MDC01984	17MDC05964	17MDC10523	17MDC18399	19MDC07284	19MDC19493	21MDC04899
16MDC10769	17MDC05966	17MDC10922	17MDC18401	19MDC07285	19MDC20169	21MDC06788
16MDC17496	17MDC05968	17MDC10925	17MDC19071	19MDC07289	19MDC20171	21MDC08595
16MDC19560	17MDC06334	17MDC10927	17MDC19072	19MDC07468	19MDC20817	21MDC09051
17MDC00261	17MDC06337	17MDC11401	17MDC19074	19MDC07469	19MDC21530	21MDC09817
17MDC02272	17MDC07384	17MDC11692	17MDC19076	19MDC08063	19MDC21531	21MDC09823
17MDC02501	17MDC07385	17MDC11694	17MDC19455	19MDC09157	19MDC24226	21MDC18026
17MDC02507	17MDC07386	17MDC11698	17MDC19460	19MDC09158	20MDC00263	22MDC02566
17MDC02508	17MDC07387	17MDC12035	17MDC20039	19MDC09159	20MDC02536	22MDC04530
17MDC02509	17MDC07517	17MDC12036	17MDC20043	19MDC09160	20MDC03270	22MDC04534
17MDC02513	17MDC07521	17MDC12179	17MDC20361	19MDC09170	20MDC03272	22MDC04535
17MDC02908	17MDC07719	17MDC12181	17MDC20363	19MDC10633	20MDC03273	22MDC04536
17MDC02909	17MDC07721	17MDC12182	17MDC20364	19MDC10639	20MDC03529	22MDC04869
17MDC02910	17MDC07723	17MDC12733	17MDC21968	19MDC10640	20MDC03530	22MDC04870
17MDC02911	17MDC07967	17MDC12734	17MDC22227	19MDC10641	20MDC03927	22MDC04872
17MDC03264	17MDC07969	17MDC12737	17MDC22228	19MDC10642	20MDC03928	22MDC06022
17MDC03268	17MDC08448	17MDC12743	17MDC22586	19MDC10648	20MDC03933	22MDC07174
17MDC03982	17MDC08455	17MDC13430	17MDC22588	19MDC11679	20MDC04525	22MDC07175
17MDC04024	17MDC08458	17MDC13927	17MDC22589	19MDC12425	20MDC04526	22MDC07850
17MDC04025	17MDC08965	17MDC13930	17MDC23506	19MDC12479	20MDC05192	22MDC07869
17MDC04026	17MDC08966	17MDC14893	17MDC23507	19MDC12480	20MDC05193	22MDC08589
17MDC04027	17MDC08967	17MDC14894	17MDC23513	19MDC12482	20MDC07217	22MDC08593
17MDC04029	17MDC08970	17MDC15307	17MDC23516	19MDC12486	20MDC13431	22MDC08594
17MDC04034	17MDC08975	17MDC15308	18MDC00656	19MDC13305	20MDC13432	22MDC08596
17MDC04702	17MDC09341	17MDC15309	18MDC00750	19MDC13306	20MDC13946	22MDC09009
17MDC04703	17MDC09343	17MDC15322	18MDC00751	19MDC14037	20MDC13947	22MDC09010
17MDC04707	17MDC09345	17MDC15736	18MDC00752	19MDC14046	20MDC13948	22MDC09766
17MDC05051	17MDC09349	17MDC15740	18MDC00753	19MDC14047	20MDC14646	22MDC09767
17MDC05231	17MDC09858	17MDC15744	18MDC02051	19MDC14049	20MDC14647	22MDC10209
17MDC05235	17MDC09859	17MDC15745	18MDC02053	19MDC14086	20MDC14659	22MDC10210
17MDC05238	17MDC09860	17MDC15928	18MDC14604	19MDC14087	20MDC14660	22MDC10211
17MDC05501	17MDC09867	17MDC15929	18MDC14605	19MDC14089	21MDC00393	-
17MDC05502	17MDC10512	17MDC15931	19MDC02327	19MDC14160	21MDC01643	-
17MDC05835	17MDC10514	17MDC15936	19MDC03473	19MDC14161	21MDC01644	-
17MDC05960	17MDC10519	17MDC15937	19MDC05999	19MDC19068	21MDC01866	-
17MDC05962	17MDC10520	17MDC16076	19MDC06000	19MDC19490	21MDC01868	-
17MDC05963	17MDC10521	17MDC18398	19MDC06007	19MDC19491	21MDC02433	-

