



## 適航指令發布單

### Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2022-12-015	發布日期 Date issued	2022/12/26
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A350-941 aeroplanes, all manufacturer serial numbers.		
主旨摘要 Subject	Landing Gear - Main Landing Gear Bogie Pivot Pin - Greasing		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">           民航局 CAA   <input type="checkbox"/> 本國產品 Native product   <input type="checkbox"/> 其他個案 Other         </div> <div style="width: 70%;"> <div style="text-align: center;">設計國民航主管機構 Original Authority</div> <div style="display: grid; grid-template-columns: 1fr 1fr; gap: 5px;"> <div><input type="checkbox"/> FAA</div> <div><input type="checkbox"/> Germany LBA</div> <div><input checked="" type="checkbox"/> EASA</div> <div><input type="checkbox"/> CAA-NL</div> <div><input type="checkbox"/> Brazil</div> <div><input type="checkbox"/> UK CAA</div> <div><input type="checkbox"/> Transport Canada Civil Aviation</div> <div><input type="checkbox"/> Japan CAB</div> <div><input type="checkbox"/> DGAC</div> <div><input type="checkbox"/> CAA of Israel</div> <div><input type="checkbox"/> Other _____</div> </div> </div> </div>			
	設計國 AD 編號 Original AD number	2022-0263	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	ATA 32. Ref. Publications: Airbus AOT A32P028-22 original issue dated 29 November 2022.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.:** 2022-0263

**Issued:** 21 December 2022

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:**

AIRBUS S.A.S.

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

A350 aeroplanes

**Effective Date:** 04 January 2023

**TCDS Number(s):** EASA.A.151

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 32 – Landing Gear – Main Landing Gear Bogie Pivot Pin – Greasing

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**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A350-941 aeroplanes, all manufacturer serial numbers.

**Definitions:**

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

**The AOT:** Airbus Alert Operators Transmission (AOT) A32P028-22.

**Affected part:** Main landing gear (MLG) bogie pivot pin on right-hand and left-hand MLG.

**Reason:**

An occurrence was reported where, during a maintenance inspection, High Velocity Oxygen Fuel (HVOF) coating damage was observed on bare material of the MLG bogie pivot pins. The root cause investigation is still on-going. At this stage, the investigation shows that this HVOF coating damage was the result of material heating caused by friction between MLG bogie pivot pin and the bushes.

This condition, if not corrected, could lead to MLG collapse, possibly resulting in damage to the aeroplane and injury to occupants.



To address this potential unsafe condition, Airbus issued the AOT providing updated greasing instructions for the affected parts.

For the reason described above, this AD requires a repetitive greasing of each affected part.

This AD is considered to be an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

#### **Repetitive Greasing:**

- (1) Within 30 days after the effective date of this AD, and, thereafter, at intervals not exceeding 50 flight cycles or 4 months, whichever occurs first, accomplish greasing of each affected part in accordance with the instructions of the AOT.
- (2) Greasing of an affected part, accomplished before the effective date of this AD in accordance with Aircraft Maintenance Manual task A350-A-32-XX-XX-00001-240A-A is an acceptable method to comply with the initial requirements of paragraph (1) of this AD for that affected part.

#### **Terminating Action(s):**

- (3) None.

#### **Ref. Publications:**

Airbus AOT A32P028-22 original issue dated 29 November 2022.

The use of later approved revisions of the above-mentioned document 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, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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: AIRBUS S.A.S. A350 XWB (1IAK), E-mail: [continued-airworthiness.a350@airbus.com](mailto:continued-airworthiness.a350@airbus.com).

