



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2020-03-011	發布日期 Date issued	2020/3/20
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	Exhaust - Pressure Relief Latch Access Doors - Modification		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> FAA  <input checked="" type="checkbox"/> EASA  <input type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC             </div> <div> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other _____             </div> </div>		
	設計國 AD 編號 Original AD number	2020-0060	
	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 78. Ref. Publications: Airbus SB A350-78-P009 original issue dated 08 June 2018. and Goodrich SB RA35078-030 original issue dated 08 June 2018, or revision 1 dated 11 November 2019.		
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)2349-6331~3, 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)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.:** 2020-0060

**Issued:** 16 March 2020

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, 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 agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

**Design Approval Holder's Name:**

AIRBUS

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

A350 aeroplanes

**Effective Date:** 23 March 2020

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

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 78 – Exhaust – Pressure Relief Latch Access Doors – Modification

**Manufacturer(s):**

Airbus

**Applicability:**

Airbus A350-941 aeroplanes, all manufacturer serial numbers.

**Definitions:**

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

**The SB:** Airbus Service Bulletin (SB) A350-78-P009.

**The Goodrich SB:** Goodrich SB RA35078-030.

**Affected TR / LAD:** Thrust reversers (TR) and latch access doors (LAD), having a Part Number (P/N) as listed in Table 1 of this AD and not marked or stamped, as applicable, with the Goodrich SB reference.

**Groups:** Group 1 aeroplanes are those that have an affected part installed. Group 2 aeroplanes are those that do not have an affected part installed. An A350 aeroplane that has embodied Airbus modification (mod) 111025 in production is a Group 2 aeroplane, provided that the aeroplane remains in that configuration.



**Reason:**

A fire test revealed that the latches for the forward and aft pressure relief doors could be opened during exposure to fire, leading to a breach in the engine core firewall. Further investigation results revealed that the spring rate of the washers could deviate under fire.

This condition, if not corrected, could lead to an uncontained engine fire, possibly resulting in reduced control of the aeroplane.

To address this unsafe condition, Airbus developed production mod 111025 to improve thermal protection of the affected TR, and issued the SB to provide in-service modification instructions.

For the reasons described above, this AD requires modification and re-identification of the affected TR / LAD.

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

Required as indicated, unless accomplished previously:

Table 1 – Affected TR / LAD

	<b>P/N</b>
TR Right Hand (RH) Engine 1	351-3002-511, 351-3002-513, 351-3002-515, 351-3002-517, 351-3002-519, 351M3010-503, 351M3010-537, 351M3010-519 and 351M3010-525
TR RH Engine 2	351-3004-507, 351-3004-509, 351-3004-511, 351-3004-513, 351-3004-515, 351M3010-507, 351M3010-541, 351M3010-523 and 351M3010-527
TR Left Hand (LH) Engine 1	351-3001-511, 351-3001-513, 351-3001-515, 351-3001-517, 351-3001-519, 351M3010-535, 351M3010-501, 351M3010-517, 351M3010-543 and 351M3010-531
TR LH Engine 2	351-3003-507, 351-3003-509, 351-3003-511, 351-3003-513, 351-3003-515, 351M3010-505, 351M3010-539, 351M3010-521, 351M3010-545 and 351M3010-533
Forward LAD	351-3531-517 and 351-3531-521
Aft LAD	351-3536-515 and 351-3536-519

**Modification:**

- (1) For Group 1 aeroplanes: Within 3 months after the effective date of this AD, accomplish concurrently the actions as required by paragraphs (1.1), (1.2) and (1.3) of this AD, in accordance with the instructions of the SB.

(1.1) Modify each affected LAD.

(1.2) Replace the lower aft thermal blanket on each affected TR.

(1.3) Mark the Goodrich SB reference on the identification plate of the affected TR / LAD.



**Parts Installation:**

(2) Do not install an affected TR / LAD on any aeroplane, as required by paragraph (2.1) or (2.2) of this AD, as applicable.

(2.1) For Group 1 aeroplanes: After modification of the aeroplane as required by paragraph (1).

(2.2) For Group 2 aeroplanes: From the effective date of this AD.

**Ref. Publications:**

Airbus SB A350-78-P009 original issue dated 08 June 2018.

Goodrich SB RA35078-030 original issue dated 08 June 2018, or revision 1 dated 11 November 2019.

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. This AD was posted on 28 January 2020 as PAD 20-021 and republished as PAD 20-021R1 on 25 February 2020 for consultation until 10 March 2020. 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 Programming and Continued Airworthiness 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](#)
5. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS XWB, E-mail: [continued-airworthiness.a350@airbus.com](mailto:continued-airworthiness.a350@airbus.com).

