

 適航指令發布單 Airworthiness Directive Issuance Form			
民航局 AD 編號 AD number	CAA-2015-12-002	發布日期 Date issued	2015/12/11
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A319-115, A319-132, A320-214, A320-216, A320-232, A321-211, A321-213 and A321-231 aeroplanes, manufacturer serial numbers (MSN) as listed in Airbus Service Bulletin (SB) A320-52-1167.		
主旨摘要	Doors - Main Landing Gear Door Tie Rod Assembly - Inspection		
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	2015-0234	
	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 52. Ref. Publications: Airbus SB A320-52-1167 original issue, dated 06 August 2015.		
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: adcaa@mail.caa.gov.tw 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: adcaa@mail.caa.gov.tw			



Airworthiness Directive

AD No.: 2015-0234

Issued: 08 December 2015

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

AIRBUS

Type/Model designation(s):

A319, A320 and A321 aeroplanes

Effective Date: 22 December 2015

TCDS Number(s): EASA.A.064

Foreign AD: Not applicable

Supersedure: None

ATA 52 – Doors – Main Landing Gear Door Tie Rod Assembly – Inspection

Manufacturer(s):

Airbus (formerly Airbus Industrie)

Applicability:

Airbus A319-115, A319-132, A320-214, A320-216, A320-232, A321-211, A321-213 and A321-231 aeroplanes, manufacturer serial numbers (MSN) as listed in Airbus Service Bulletin (SB) A320-52-1167.

Reason:

A production quality issue was identified concerning tie rod assemblies, having Part Number (P/N) starting with D52840212000 or D52840212002, which are installed on the main landing gear (MLG) hinged fairing assembly. This quality issue affects the cadmium plating surface treatment which was inadvertently omitted from the rod end threads of the assembly. The absence of cadmium plating reduces the corrosion protection scheme.

This condition, if not detected and corrected, could lead to galvanic corrosion of the tie rod end threads, possibly resulting in rod end failure, loss of a MLG door, and consequent injury to persons on ground.



To address this unsafe condition, Airbus identified the affected MSN and issued SB A320-52-1167 to provide inspection instructions.

For the reason described above, this AD requires a one-time inspection of the affected MLG hinged fairing tie rod assemblies, and, depending on findings, replacement of the affected tie rod assembly.

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

Required as indicated, unless accomplished previously:

Within 80 months after aeroplane first flight, accomplish the actions as specified in paragraphs (1) and (2) of this AD.

- (1) Accomplish a detailed inspection (DET) of each MLG hinged fairing tie rod assembly, having the P/N starting with D52840212000 or D52840212002, in accordance with the instructions of Airbus SB A320-52-1167.
- (2) If, during the DET as required by paragraph (1) of this AD, a tie rod assembly is identified without any cadmium plating (silver threads surface finish), replace the tie rod assembly with a serviceable part (same P/N), determined to have cadmium plating (gold threads surface finish), in accordance with the instructions of Airbus SB A320-52-1167.

Ref. Publications:

Airbus SB A320-52-1167 original issue, dated 06 August 2015.

The use of later approved revisions of this 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. This AD was posted on 04 November 2015 as PAD 15-136 for consultation until 02 December 2015. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EIAS; Fax +33 5 61 93 44 51; E-mail: account.airworth-eas@airbus.com.

