

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2012-0100 Date: 06 June 2012 Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, 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 EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 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 [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Design Approval Holder's Name : AIRBUS	Type/Model designation(s) : A318, A319, A320 and A321 aeroplanes
TCDS Number :	EASA.A.064
Foreign AD :	Not applicable
Supersedure :	None
ATA 54	Nacelles/Pylons – Aft Pylon Moveable Fairing Rib 5 – Inspection / Repair
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, A320-111, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers.
Reason:	<p>An operator of A320 family aeroplanes reported an in-flight loss of the Right Hand (RH) pylon moveable fairing tail cone. The investigation results indicate that the incident was caused by cracks in the aft pylon moveable fairing Rib 5. Similar cracks were reported on A320 aeroplanes post modification (mod) 33844, mod 33847 or mod 33687 (improved aerodynamic pylon shape).</p> <p>This condition, if not detected and corrected, could lead to loss (i.e. detachment from the aeroplane) of the pylon moveable fairing tail cone, possibly resulting in injuries to persons on the ground.</p> <p>For the reasons described above, this AD requires repetitive detailed visual inspections of the aft pylon moveable fairings and, depending on findings, accomplishment of the applicable corrective actions.</p>
Effective Date:	20 June 2012

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

Required as indicated, unless accomplished previously,

- (1) Initially, within the compliance time indicated in Table 1 of this AD, as applicable, and thereafter at intervals not to exceed 2 250 flight cycles (FC) or 3 000 flight hours (FH), whichever occurs first, accomplish the following actions concurrently on the Left-Hand (LH) and RH pylons in accordance with the instructions of Airbus Service Bulletin (SB) A320-54A1026:
 - (1.1) Determine the gap between the aft pylon moveable tail cone having a Part Number (P/N) as listed in Appendix 1 of this AD and the lateral door,
 - (1.2) Perform a detailed visual inspection of the 18 fasteners that attach the cone having a P/N as listed in Appendix 1 of this AD to the fairing, and
 - (1.3) Perform a detailed visual inspection of the LH and RH upper corners of the aft pylon moveable fairing Rib 5 having a P/N as listed in Appendix 1 of this AD to detect cracks.

Table 1 – Initial Inspection Threshold

FC or FH accumulated by the aeroplane since its first flight, on the effective date of this AD	Threshold
Less than 5 000 FC and Less than 5 000 FH	Within 750 FC or 750 FH, whichever occurs first after the effective of this AD, without exceeding 5 350 FC or 5 350 FH, whichever occurs first after the aeroplane first flight
Equal to or exceeding 5 000 FC or 5 000 FH	Within 350 FC or 350 FH, whichever occurs first after the effective of this AD

- (2) If, during any inspection as required by paragraph (1) of this AD, any discrepancy (as defined in Airbus SB A320-54A1026) is found, accomplish the applicable corrective actions (repair and/or further inspections) in accordance with the instructions and within the applicable compliance time(s), as defined in Airbus SB A320-54A1026.
- (3) Repair of the aft pylon moveable fairing Rib 5 on a pylon as required by paragraph (2) of this AD does not constitute terminating action for the repetitive inspections required by paragraph (1) of this AD for that pylon.
- (4) Within 90 days after accomplishment of each inspection as required by paragraph (1) of this AD, as applicable, report the results, including no findings, to Airbus.
- (5) Aeroplanes on which Airbus mod 33687, mod 33844 and mod 33847 have not been embodied in production, and on which no aft pylon moveable fairing Rib 5 replacements with a P/N as listed in Appendix 1 of this AD have been made since first flight, are not affected by the requirements of paragraph (1) of this AD.
- (6) From the effective date of this AD, do not install an aft pylon moveable fairing Rib 5 having a P/N as listed in Appendix 1 of this AD on an aeroplane, unless the aft pylon moveable fairing Rib 5 has passed the inspection as required by paragraph (1.3) of this AD, and thereafter is inspected in compliance with the requirements of this AD.

Ref. Publications:	<p>Airbus SB A320-54A1026 Original issue dated 19 April 2012.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. 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.

Appendix 1 – Affected Parts

Part Name	P/N
Aft pylon moveable tail cone	D545-18808-000
	D545-18808-001
	D545-18802-000
	D545-18802-001
Cone	D545-18862-200
	D545-18862-201
Aft pylon moveable fairing Rib 5	D545-18835-200
	D545-18835-201