


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 15-076</p> <p>Date: 08 June 2015</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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.</p>
<p>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 closing date indicated.</p>	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A330 and A340 aeroplanes
TCDS Number:	EASA.A.004, EASA.A.015
Foreign AD:	Not applicable
Supersedure:	None
ATA 05	Fuel - Fuel Tanks Safety – Inspection Modification
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	<p>Airbus A330-201, A330-202, A330-203, A330-223, A330-243, A330-223F, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, all Manufacturer Serial Numbers (MSN).</p> <p>Airbus A340-211, A340-212, A340-213, A340-311, A340-312, A340-313, A340-541, A340-542, A340-642 and A340-643 aeroplanes, all MSN.</p>
Reason:	<p>When Airbus published ALS Part 5, it was decided to incorporate into that document many modifications, related to FUEL TANK SAFETY, which were previously required by AD (issued by EASA or DGAC France). Consequently, when EASA issued AD 2012-0168 to require compliance with the tasks contained in ALS Part 5, the AD retained the modification requirements of those past ADs, which were superseded.</p> <p>Since EASA AD 2012-0168 was issued, upon operator requests it was decided that these modifications should be removed from an ALS Part because the nature of which are one-time rather than repetitive. Consequently, Airbus will remove "sub-part 5-2 CHANGES TO TYPE DESIGN" from ALS Part 5 at Revision 01.</p> <p>For the reasons described above, this AD requires the implementation of the inspections/modifications as previously required by those superseded ADs.</p>
Effective Date:	14 days after final AD issue date

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Within the compliance time as defined in Appendix 1 of this AD, as applicable, inspect and modify the aeroplane in accordance with the instructions of each Airbus Service Bulletin (SB), as applicable, as specified in Appendix 1 of this AD.</p>
Ref. Publications:	<p>Airbus SB A330-21-3096 Revision 01 dated 10 October 2005.</p> <p>Airbus SB A330-21-3148 original issue dated 30 January 2009.</p> <p>Airbus SB A330-28-3092 Revision 01 dated 14 December 2005.</p> <p>Airbus SB A330-28-3044 Revision 01 dated 25 November 1997.</p> <p>Airbus SB A330-28-3053 original issue dated 25 November 1997.</p> <p>Airbus SB A330-28-3101 Revision 01 dated 11 October 2006.</p> <p>Airbus SB A330-28-3082 original issue dated 14 June 2004, Revision 01 dated 2 March 2005, Revision 02 dated 11 August 2006, Revision 03 dated 15 November 2006 and Revision 04 dated 3 August 2007.</p> <p>Airbus SB A330-28-3113 original issue dated 19 July 2011.</p> <p>Airbus SB A330-31-3146 original issue dated 2 February 2010.</p> <p>Airbus SB A340-21-4107 Revision 01 dated 10 October 2005.</p> <p>Airbus SB A340-21-4147 original issue dated 30 January 2009.</p> <p>Airbus SB A340-28-4107 Revision 01 dated 14 December 2005.</p> <p>Airbus SB A340-28-4054 Revision 01 dated 25 November 1997.</p> <p>Airbus SB A340-28-4118 Revision 02 dated 10 July 2007.</p> <p>Airbus SB A340-28-4097 original issue dated 14 June 2004, Revision 01 dated 3 March 2005, Revision 02 dated 16 August 2006, Revision 03 dated 03 July 2007, Revision 04 dated 15 September 2008 and Revision 05 dated 3 June 2010.</p> <p>Airbus SB A340-28-4129 original issue dated 19 July 2011.</p> <p>Airbus SB A340-28-4078 original issue dated 17 March 2000.</p> <p>Airbus SB A340-28-4073 original issue dated 14 May 1998.</p> <p>Airbus SB A340-31-4125 original issue dated 27 October 2008.</p> <p>Airbus SB A330-55-3016 Revision 01 dated 12 February 1997.</p> <p>Airbus SB A340-55-4017 Revision 01 dated 12 February 1997.</p> <p>Airbus SB A340-57-5007 original issue dated 20 July 2005.</p> <p>Airbus SB A340-92-5010 original issue dated 31 March 2004.</p> <p>Airbus SB A340-28-5051 original issue, dated 01 September 2011.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 06 July 2015. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – Airworthiness Office – EIAL, E-mail: airworthiness.A330-A340@airbus.com.

Appendix 1 – Fuel Tank Safety Inspections / Modifications

Note 1: Each applicable SB defines the aeroplanes and configuration(s) for which the actions are (or were) required, and which configurations are excluded.

Action	Applicable SB (Equivalent Production Modification)	Previously required by AD	Compliance Time (not later than)	Limitations Applicability
Install heat shields in belly fairing to segregate air system.	A330-21-3096 R01 A340-21-4107 R01 (49520)	2006-0191	31 October 2008	A330-200 A340-200 A340-300
Modify heat shields	A330-21-3148 A340-21-4147 (58551)	2009-0150	23 July 2011	A330-200 (1) A340-200 (1) A340-300 (1)
Inspect P-clips in wings and center fuel tanks	A330-28-3092 R01 A340-28-4107 R01 (none)	2007-0278	31 December 2009	A330-200 (2) A330-300 (2) A340-200 (2) A340-300 (2)
Install modified densitometer electrically bonded to aeroplane structure	A330-28-3044 R01 A340-28-4054 R01 (42969)	F-1998-099-066 F-1998-103-082	During the first scheduled inner fuel tank opening after the effective date of DGAC AD F-1998-099-066 or F-1998-103-082 as applicable, but no later than 72 months since Airbus date of manufacture	A330-301 A330-321 A330-322 A330-341 A330-342 A340-200 A340-300
Improve electrical bonding of densitometer to aeroplane structure	A330-28-3053 A340-28-4069 (45580)	F-1998-099-066 F-1998-103-082	During the first scheduled inner fuel tank opening after the effective date of DGAC AD F-1998-099-066 or F-1998-103-082 as applicable, but no later than 72 months since Airbus date of manufacture	A330-301 A330-321 A330-322 A330-341 A330-342 A340-200 A340-300
Bonding of fuel diffuser support bracket to wing structure	A330-28-3101 R01 A340-28-4118 R02 (55118)	2007-0278	31 December 2009	A330-200 (3) A330-300 (3) A340-200 (3) A340-300 (3)
Revise the electrical bonding of the equipment in the fuel tanks	A330-28-3082 R01 A340-28-4097 R03 (49135, 51825, and 50104)	2007-0278	31 December 2009	A330-200 (3)(4) A330-300 (3)(4) A340-200 (3)(4) A340-300 (3)(4)
Introduce ground fault into main fuel transfer system, and install	A330-28-3113 A340-28-4129 A340-28-5051	2011-0196	21 October 2015	A330-200 A330-200F PRE 58623 POST 200281

interrupters to center tank fuel pump control circuit	(200242)			A340-200 A340-300 A340-500 A340-600
Revise electrical bonding in Additional Center Tank (ACT)	A340-28-4078 (47215)	2007-0278	31 December 2009	A340-200 (5) A340-300 (5)
Install additional bonding lead in fuel jettison system	A340-28-4073 (46142)	2007-0278	31 December 2009	A340-200 A340-300
Revise the electrical bonding of the equipment in the fuel tanks.	A340-28-4097 R05 (none)	2010-0232	26 November 2012	A340-200 (6) A340-300 (6)
Install flight warning computer (FWC) standard T3-0	A330-31-3146 (58751)	2010-0089	24 November 2010	A330-200 (7) A330-300 (7)
Install new FWC standard L11-0	A340-31-4125 (51791)	2010-0089	24 November 2010	A340-200 A340-300
Rework of some metallic parts of horizontal stabilizer for improvement of lightning strike protection	A330-55-3016 R01 A340-55-4017 R01 (44848)	2007-0278	31 December 2009 (see Note 2 below)	A330-301 (8) A330-321 (8) A330-322 (8) A330-341 (8) A330-342 (8) A340-200 (8) A340-300 (8)
Introduce new fastener positions in wing box ribs for improved electrical bonding	A340-57-5007 (52649, 53507)	2006-0187	31 December 2009	A340-541 A340-642
Improve APU feeder route installation	A340-92-5010 (52251)	F-2005-030	31 December 2009	A340-541 A340-642

- (1) All Manufacturer Serial Numbers (MSN) on which Airbus modification (mod) 49520 has been embodied in production or on which Airbus Service Bulletin (SB) A330-21-3096 Revision 01 or SB A340-21-4107 Revision 01 has been embodied in service.
- (2) All MSN except those on which Airbus mod 47634 has been embodied in production.
- (3) All MSN except those on which Airbus mod 49135 and 49630 and 51825 and 55118 have been embodied in production or except those which have been modified in-service through Airbus SB A330-28-3082 Revision 04 and SB A330-28-3101 Revision 01 or SB A340-28-4097 Revision 03 and SB A340-28-4118 Revision 02.
- (4) All MSN which have been modified in-service through Airbus SB A330-28-3082 at original issue or Airbus SB A340-28-4097 at any previous issue preceding Revision 03. Not later than December 31st, 2011, perform the additional work in accordance with the instructions of SB A330-28-3082 at Revision 04 or SB A340-28-4097 Revision 03.
- (5) All MSN on which Airbus mod 42612 or mod 44002 or mod 44005 have been embodied in production or those which have been modified in-service through Airbus SB A340-28-4047 or Airbus SB A340-28-4066 or Airbus SB A340-28-4067 (installation of ACT).
- (6) All MSN on which Airbus mod 41600 has been embodied in production or those which have been modified in-service through Airbus SB A340-28-4097 at original issue or a later revision up to Revision 03, except those on which Airbus mod 49135 has been embodied in production.

- (7) All MSN except those on which Airbus mod 51790 has been embodied in production or except those which have been modified in-service through Airbus SB A330-31-3066 or Airbus SB A330-31-3082 or Airbus SB A330-31-3093 or Airbus SB A330-31-3105.
- (8) All MSN except those on which AIRBUS mod 44252 has been embodied in production.

Note 2: For aeroplanes on which the improvement of the THS lighting strike protection modification has already been accomplished in accordance with the instructions of Airbus AOT 55-03 dated 22 August 1996 ("solution A"), as previously required by DGAC France AD 1996-178-049(B) R1 and AD 1996-177-038(B) (original compliance time not later than 15 November 1996), it is allowed to increase the distance between metallic parts on the THS Trim Tank in accordance with the instructions of Airbus SB A330-55-3016 or SB A340-55-4017, as applicable, when, for any reason (fuselage stress jacking, repair) after 31 December 2009, the THS is removed from the aeroplane and put on a ground support Tool (Lifting and Resting points Fittings must be installed) , or when a maintenance task requires the use of THS Lifting and Resting points Fittings.