


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2010-0177</b></p> <p><b>Date: 30 August 2010</b></p> <p>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.</p>
<p>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].</p>	
<b>Type Approval Holder's Name :</b>	<b>Type/Model designation(s) :</b>
AIRBUS	A319, A320 and A321 aeroplanes
TCDS Number :	EASA.A.064
Foreign AD :	Not applicable
Supersedure :	This AD supersedes DGAC France AD F-2004-038 dated 17 March 2004, EASA Approval No. 2004-2110.
<b>ATA 28</b>	<b>Fuel System – Additional Centre Tanks Manhole Cover Seal – Replacement</b>
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	<p>Airbus A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, 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 serial numbers, if equipped with one or more Additional Centre Tank(s) (ACT(s)) with a Part Number (P/N) listed in Appendix 1 of this AD.</p> <p>This AD does not apply to aeroplanes fitted with ACT having received Airbus Modification 38036 in production.</p>
Reason:	<p>Following an automatic ACT fuel transfer failure on an A319, it was noted that the ACT manhole cover seals were extruded, allowing leakage.</p> <p>This condition, if not corrected, can lead to fuel and/or vapour leakage, possibly resulting in a combustible fuel vapour/air mixture in the cargo compartment, which would constitute a fire risk.</p> <p>DGAC France AD F-2004-038 was issued to require the replacement of the ACT manhole cover and its seal in accordance with SB A320-28-1105, but this modification has proved not to be fully effective. Therefore, it is necessary to replace the seal material and to change the installation process in order to prevent such seal deformation and possibility of leakage.</p> <p>For the reasons described above, this AD supersedes DGAC France AD F-2004-038 (EASA approval 2004-2110) and requires the replacement of the existing manhole seal with a new seal.</p>
Effective Date:	13 September 2010

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless already accomplished:</p> <ol style="list-style-type: none"> <li>(1) Within 3 000 flight cycles or 24 months, whichever occurs first after the effective date of this AD, modify the affected ACT by replacing the manhole seal in accordance with the instructions of Airbus Service Bulletin (SB) A320-28-1162 Revision 01.</li> <li>(2) After the effective date of this AD, do not install an ACT whose P/N is listed in Appendix 1 of this AD on an aeroplane, unless it has been modified prior to its installation in accordance with the instructions of Airbus SB A320-28-1162 original issue or Revision 01.</li> </ol>
<p>Ref. Publications:</p>	<p>Airbus Service Bulletin A320-28-1162 Revision 01.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 22 June 2010 as PAD 10-061 for consultation until 20 July 2010. The Comment Response Document can be found at <a href="http://ad.easa.europa.eu">http://ad.easa.europa.eu</a>.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any questions concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EAS Fax +33 5 61 93 44 51, E-mail: <a href="mailto:account.airworth-eas@airbus.com">account.airworth-eas@airbus.com</a>.</li> </ol>

## Appendix 1

List of Additional Centre Tank (ACT) Part Numbers, affected by this AD:

D2827091100000	D2827091100200	D2827091100400
D2827091100600	D2827091100800	D2827091101000
D2827091300000	D2827091300200	D2827091300400
D2827091300600	D2827091300800	D2827105100000
D2827105100200	D2827105100400	D2827105100600
D2827105100800	D2827105200000	D2827105200200
D2827105200400	D2827105200600	D2827105200800
D2827105300000	D2827105300200	D2827105300400
D2827105300600	D2827105300800	D2827105400000
D2827105400200	D2827105400400	D2827105400600
D2827105400800	D2827105401000	D2827105401200
D2827105401400	D2827105500000	D2827105500200
D2827105500400	D2827105500600	D2827105500800
D2827105600000	D2827105600200	D2827105600400
D2827105600600	D2827105600800	D2827107500000
D2827107500200	D2827107500400	D2827107500600