


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2013-0163</p> <p>Date: 24 July 2013</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 EU 748/2012, Part 21.A.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>	
<p>Design Approval Holder's Name: AIRBUS</p>	<p>Type/Model designation(s): Airbus A300, A300-600, A300-600ST and A310 aeroplanes</p>
<p>TCDS Numbers: France No. 145, EASA.A.014</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
<p>ATA 28</p>	<p>Fuel – Fuel Pumps / Power Supply Circuit Breakers – Functional Test / Replacement</p>
<p>Manufacturer(s):</p>	<p>Airbus (formerly Airbus Industrie)</p>
<p>Applicability:</p>	<p>Airbus model A300 series, A300-600 series, A300-600ST series and A310 series aeroplanes, all manufacturer serial numbers.</p>
<p>Reason:</p>	<p>Two successive failures have been reported of a Right Hand # 1 inner tank fuel pump, Part Number 2052Cxx series (with placeholder “xx” indicating numerals). The fix consisted in the replacement of the pump, the associated circuit breaker and the AC bus load relay.</p> <p>Investigations determined that, in case of loss of one phase on the pump supply and the associated circuit breaker failing to trip, the fuel pump thermal fuses may not operate as quickly as expected.</p> <p>This condition, if not detected and corrected, would result in an overheat condition of the fuel pump in excess of 200°C and could lead to a fuel tank explosion.</p> <p>To address this potential unsafe condition, Airbus issued Alert Operator Transmission (AOT) A28W002-13 providing instructions for a functional test of circuit breakers and corrective action.</p> <p>For the reasons described above, as a temporary measure until further notice, this AD mandates functional tests of the affected fuel pump power supply circuit breakers, and, depending on findings, replacement of circuit breakers.</p> <p>This AD will be followed by further AD action.</p>

Effective Date:	07 August 2013								
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 6 months or 500 flight hours (FH) after the effective date of this AD, whichever occurs first, and, thereafter, at intervals not to exceed 6 months or 500 FH, whichever occurs first, accomplish a functional test of the fuel pump power supply circuit breakers as listed in Table 1 of this AD, as applicable to aeroplane model, in accordance with the instructions of Airbus (AOT) A28W002-13.</p> <p style="text-align: center;">Table 1: Circuit breakers to be tested</p> <table border="1" data-bbox="531 568 1442 1021"> <thead> <tr> <th data-bbox="531 568 836 622">Aeroplane model</th> <th data-bbox="836 568 1442 622">Circuit breakers to be tested</th> </tr> </thead> <tbody> <tr> <td data-bbox="531 622 836 701">A300B2 series</td> <td data-bbox="836 622 1442 701">- Inner and outer pump, No. 1 and No. 2, Left Hand (LH) side and Right Hand (RH) side</td> </tr> <tr> <td data-bbox="531 701 836 864">A300B4/C4/F4 series, A300-600 series, A300-600ST series, A310-200 series</td> <td data-bbox="836 701 1442 864">- Inner and outer pump, No. 1 and No. 2, LH and RH - Centre pump LH and RH</td> </tr> <tr> <td data-bbox="531 864 836 1021">A300-600R series, A310-300 series</td> <td data-bbox="836 864 1442 1021">- Inner and outer pump, No. 1 and No. 2, LH and RH - Centre pump LH and RH - Trim tank pump No. 1 and No. 2</td> </tr> </tbody> </table> <p>(2) If, during any functional test as required by paragraph (1) of this AD, any finding is made, before next flight, replace the affected circuit breaker with a serviceable part in accordance with the instructions of Airbus AOT A28W002-13.</p> <p>(3) The replacement of one or more circuit breakers as required by paragraph (2) of this AD does not constitute terminating action for the repetitive functional tests required by paragraph (1) of this AD.</p>	Aeroplane model	Circuit breakers to be tested	A300B2 series	- Inner and outer pump, No. 1 and No. 2, Left Hand (LH) side and Right Hand (RH) side	A300B4/C4/F4 series, A300-600 series, A300-600ST series, A310-200 series	- Inner and outer pump, No. 1 and No. 2, LH and RH - Centre pump LH and RH	A300-600R series, A310-300 series	- Inner and outer pump, No. 1 and No. 2, LH and RH - Centre pump LH and RH - Trim tank pump No. 1 and No. 2
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Ref. Publications:	<p>Airbus AOT A28W002-13 dated 23 July 2013.</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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until 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 SAS – EIAW (Airworthiness Office) Email: continued.airworthiness-wb.external@airbus.com 								