

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0144 Date: 03 July 2009 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].	
Type Approval Holder's Name : AIRBUS SAS	Type/Model designation(s) : A300-600 and A300-600R aeroplanes
TCDS Number : France N° 145	
Foreign AD : Not applicable	
Supersedure : None	
ATA 28	Fuel – Fuel Tank Level Sensors and Harness Connectors – Replacement
Manufacturer(s): Airbus (formerly AIRBUS INDUSTRIE)	
Applicability: AIRBUS A300-600 aeroplanes, all certified models, all serial numbers; and AIRBUS A300F4-608ST aeroplanes, all serial numbers.	
Reason:	<p>Results of investigations conducted by Airbus have shown that if a short circuit occurs outside of the fuel tanks in the wiring (115V AC) that is routed with the fuel level sensor harnesses, the sensing element in the fuel level sensors could overheat.</p> <p>This condition, if not corrected, could cause the sensing element to reach the self-ignition threshold of the fuel vapour in the tank, possibly resulting in fuel tank explosion and consequent loss of the aeroplane.</p> <p>For the reasons described above and to maintain safety objectives as per SFAR 88 (Special Federal Aviation Regulation 88) and equivalent EASA policy D 2005/CPRO, this AD requires the replacement of the affected sensors and their harness connectors with modified units.</p>
Effective Date:	17 July 2009

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless already accomplished:</p> <p>Within 24 months after the effective date of this AD, replace the high level, low level and overflow sensors, and their harness connectors, with fused sensors and new harness connectors in accordance with the instructions of Airbus Service Bulletin (SB) A300-28-6095 original issue or A300-28-9013 original issue, as applicable to type design.</p>
Ref. Publications:	<p>AIRBUS SB A300-28-6095 and SB A300-28-9013, both at original issue.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p> <p>The EASA Policy statement EASA D 2005/CPRO on Fuel Tank System ignition source prevention can be found on the EASA website: www.easa.europa.eu (Search for CPRO).</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. This AD was posted on 26 May 2009 as P 2009-0144 for consultation until 23 June 2009. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification 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 – EAW (Airworthiness Office, Telephone: + 33 5 61 93 36 45 Fax: + 33 5 61 93 44 51).

CANCELLED