


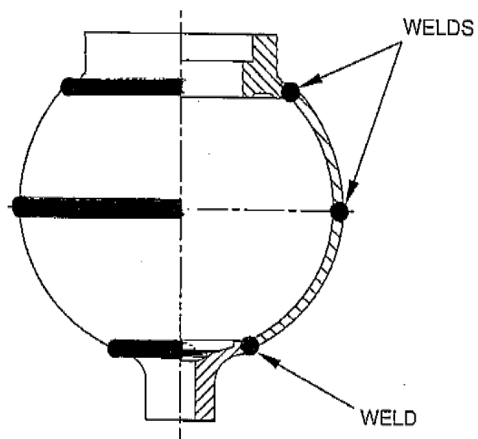
EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 10-122</p> <p>Date: 15 December 2010</p> <p>Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance / cancellation 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.	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A300, A310, A300-600 and A300-600ST aeroplanes
TCDS Number : France No.145 and EASA.A.014	
Foreign AD : Not applicable	
Supersedure : None	
ATA 29	Hydraulic Power – Hydraulic Accumulator – Inspection / Replacement / Placards Installation
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	A300, A310 and A300-600 aeroplanes, all certified models, all serial numbers, and A300F4-608ST aeroplanes, all serial numbers.
Reason:	<p>Since 1984, the design of the hydraulic accumulator installed on all the affected Airbus types has changed. The Part Number (P/N) remained the same, but the manufacturer did not record the serial number of the part that was the first to be manufactured to the changed design specification.</p> <p>The new design hydraulic accumulator is manufactured with 2 pieces unit welded, instead of 4 pieces unit with 3 welds (old design) as pictured in Appendix 1 of this AD. The welding process of the new design hydraulic accumulator provides a higher strength shell material and more reliability.</p> <p>A recent analysis conducted by the manufacturer showed a particular risk for explosive failure of the old design hydraulic accumulator.</p> <p>This condition, if not detected and corrected, might, for some aeroplane installations, lead to damage to all three hydraulic circuits, possibly resulting in loss of control of the aeroplane or could, for certain other aeroplane installations, lead to an undetected fire in the wheel bay.</p> <p>For the reasons explained above, this AD requires a one time detailed visual inspection to identify the old design accumulators installed on certain hydraulic systems, the replacement of those accumulator by new design accumulator and, irrespective of findings, the installation of warning</p>

	placards to avoid installation of old design accumulator on the affected hydraulic systems.										
Effective Date:	[TBD: 14 days after final AD issue date]										
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Within 30 months or 6 000 flight hours (FH), whichever occurs first after the effective date of this AD, accomplish the following actions:</p> <p>(1) Perform a detailed visual inspection of each type 5 hydraulic accumulator, P/N 3059103-1, P/N 3059103-2, P/N 3059103-8 and P/N 3059103-9, to detect if an old design accumulator is installed on the affected hydraulic circuits indicated in Table 1 of this AD, as applicable to aeroplane model, in accordance with the instructions of Airbus Service Bulletin (SB) A300-29-0126 Revision 01, SB A310-29-2099, SB A300-29-6063, or SB A300-29-9012, as applicable to aeroplane model.</p> <p style="text-align: center;">Table 1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Affected Aeroplanes</th><th>Affected Hydraulic Circuit(s)</th></tr> </thead> <tbody> <tr> <td>A300 PRE mod 02447</td><td>Blue and Green</td></tr> <tr> <td>A300 POST mod 2447</td><td>Blue</td></tr> <tr> <td>A300-600 and A300F4-608ST</td><td>Blue</td></tr> <tr> <td>A310</td><td>Green</td></tr> </tbody> </table> <p>(2) If, during the visual inspection as required by paragraph (1) of this AD, an old design hydraulic accumulator is found installed on any of the affected hydraulic circuits as indicated in Table 1 of this AD, as applicable to aeroplane model, replace each affected old design accumulator with a new design accumulator in accordance with the instructions of Airbus SB A300-29-0126 Revision 01, SB A310-29-2099, SB A300-29-6063, or SB A300-29-9012, as applicable to aeroplane model.</p> <p>(3) Irrespective of findings during the visual inspection as required by paragraph (1) of this AD, install placards at the designated locations of the affected hydraulic circuits indicated in Table 1 of this AD, as applicable to aeroplane model, in accordance with the instructions of Airbus SB A300-29-0127, SB A310-29-2100, SB A300-29-6064, or SB A300-29-9013, as applicable to aeroplane model.</p>	Affected Aeroplanes	Affected Hydraulic Circuit(s)	A300 PRE mod 02447	Blue and Green	A300 POST mod 2447	Blue	A300-600 and A300F4-608ST	Blue	A310	Green
Affected Aeroplanes	Affected Hydraulic Circuit(s)										
A300 PRE mod 02447	Blue and Green										
A300 POST mod 2447	Blue										
A300-600 and A300F4-608ST	Blue										
A310	Green										
Ref. Publications:	<p>Airbus SB A300-29-0126 Revision 01 and SB A300-29-0127 original issue.</p> <p>Airbus SB A310-29-2099 and SB A310-29-2100, both original issue.</p> <p>Airbus SB A300-29-6063 and SB A300-29-6064, both original issue.</p> <p>Airbus SB A300-29-9012 and SB A300-29-9013, both original issue.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>										
Remarks :	<p>1. This Proposed AD will be closed for consultation on 12 January 2011.</p> <p>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu.</p> <p>3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS – EAW (Airworthiness</p>										

	Office, Telephone: + 33 5 61 93 36 96, Fax: + 33 5 61 93 44 51).
--	------------------------------------------------------------------

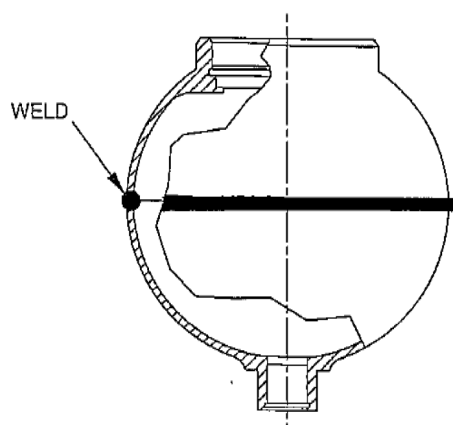
Appendix 1

HYDRAULIC ACCUMULATOR : designed with 4 parts and 3 welds



OLD DESIGN

HYDRAULIC ACCUMULATOR : designed with 2 parts and 1 weld



NEW DESIGN