

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 11-099 Date: 08 September 2011 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.
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.	
Type Approval Holder's Name :	Type/Model designation(s) :
AIRBUS	A330 and A340-200/-300 aeroplanes
TCDS Number :	EASA.A.004, EASA.A.015
Foreign AD :	Not applicable
Supersedure :	None
ATA 29	Hydraulic Power – Ram Air Turbine (RAT) Pump – Anti-Stall Device – Inspection / Replacement
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-201, A330-202, A330-203, A330-223, A330-223F, A330-243, 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, and Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aeroplanes, all manufacturer serial numbers.
Reason:	During a test flight before delivery from production, an A330 aeroplane experienced a RAT pump failure, as a result of which it was not possible to fully pressurize the green hydraulic system. Investigations concluded that this malfunction was due to poor installation of the anti-stall valve sleeve, causing a shift in the anti-stall speed setting and leading to an inability of the hydraulic pump Part Number (P/N) 5909522 to provide enough hydraulic pressure. This condition, if not detected and corrected, could lead to the in-flight loss of the RAT-Pump pressurization which, in case of a total engine flame out, could have consequences for the hydraulic circuits, possibly resulting in reduced control of the aeroplane. A340-500/-600 series aeroplanes are not affected by this issue because they are fitted with a different hydraulic pump P/N. For the reasons described above, this AD requires a check to ensure correct setting of the RAT anti-stall valve in the pump housing, followed by an RAT functional ground test, and application of the associated corrective actions, depending on findings.

Effective Date:	[14 days after final AD issue date]						
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within the compliance time as specified in Table 1 of this AD, as applicable, accomplish the following actions, in accordance with the instructions of Airbus Service Bulletin (SB) A330-29-3117 or SB A340-29-4090, as applicable to the aeroplane type: - check the RAT pump anti-stall valve to ensure correct setting, - re-identify the RAT pump, and - accomplish a functional ground test of the RAT. Table 1 <table border="1" style="width: 100%;"> <thead> <tr> <th>Affected aeroplanes</th><th>Compliance time</th></tr> </thead> <tbody> <tr> <td>Aeroplanes on which the A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type, has not yet been accomplished</td><td>Within 3 000 flight hours or 7 months, whichever occurs first after the effective date of this AD</td></tr> <tr> <td>Aeroplanes on which the A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type, has already been accomplished</td><td>Within 24 months after the last accomplishment of A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type</td></tr> </tbody> </table> (2) If the functional ground test of the RAT, as required by paragraph (1) of this AD, is not successful, before next flight, replace the RAT pump or the RAT assembly with a serviceable part in accordance with the instructions of Airbus SB A330-29-3117 or SB A340-29-4090, as applicable to the aeroplane type. Note: For the purpose of this AD, a serviceable part is a RAT Hydraulic Pump or RAT Assembly that has been inspected, corrected and successfully tested in accordance with the instructions of Airbus SB A330-29-3117 or SB A340-29-4090, as applicable to the aeroplane type. (3) An aeroplane equipped with an RAT hydraulic pump marked with an "X" or a date (month/year) in the amendment cell C of the identification plate, which has been successfully tested prior to the effective date of this AD, is considered compliant with the requirements of paragraphs (1) and (2) of this AD. (4) After the effective date of this AD, do not install on an aeroplane any RAT Hydraulic Pump or RAT Assembly, unless it has been inspected, corrected and successfully tested in accordance with the requirements of this AD.	Affected aeroplanes	Compliance time	Aeroplanes on which the A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type, has not yet been accomplished	Within 3 000 flight hours or 7 months, whichever occurs first after the effective date of this AD	Aeroplanes on which the A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type, has already been accomplished	Within 24 months after the last accomplishment of A330 CMR task 292000-00001-1-C, or A340-200/-300 CMR task 292000-A0001-1-C, or A330/A340 MRBR Task 29.20.00/06, as applicable to the aeroplane type
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Ref. Publications :	Airbus SB A330-29-3117 original issue, dated 19 July 2011. Airbus SB A340-29-4090 original issue, dated 19 July 2011. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.						

Remarks:	1. This Proposed AD will be closed for consultation on 06 October 2011. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive 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 – EAL; E-mail: airworthiness.A330-A340@airbus.com.
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