

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2008 – 0034 [Corrected: 21 February 2008] Date: 20 February 2008
No person may operate an aircraft to which an Airworthiness Directive applies except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
Type Approval Holder's Name : AIRBUS	Type Model designation(s): A318, A319, A320 and A321 aircraft
TCDS Number: EASA A.064	
Foreign AD: Not applicable	
Supersedure: None	
ATA 29	Hydraulic Power – Auxiliary Hydraulic Power – Ram Air Turbine (RAT) Gerotor Pump - Replacement
Manufacturer(s):	AIRBUS (formerly AIRBUS INDUSTRIE)
Applicability:	AIRBUS A318, A319, A320 and A321 aircraft, all certified models, all serial numbers equipped with HAMILTON SUNDSTRAND (formerly DOWTY) Ram Air Turbine (RAT) Part Number (P/N) 680203037 with a Serial Number (S/N) between 0101 and 0354 inclusive. Aircraft having received AIRBUS modification 27189 in production or AIRBUS Service Bulletin (SB) A320-29-1100 in service, and without having received AIRBUS modification 28413 in production, are not affected by the requirements of this AD. Reminder: It is the responsibility of the operator to ensure that any RAT replaced on aircraft after having complied with this AD, still complies with the requirements of this AD.
Reason:	In-service experience has shown that a fracture of the gerotor pump of the A320 RAT may occur. This may lead to the non-operation of the RAT in case of an in-flight deployment. The Non-Deployment or Non-Pressurization of the RAT, associated with a double engine failure or a total loss of normal electrical power generation constitutes an unsafe condition.

	This AD mandates the replacement of the affected gerotor pump assembly, which will provide the required improved reliability of the RAT. The implementation of this modification was originally managed by an AIRBUS monitoring campaign. However the rate of installation of the modification by operators has not met the predicated target. As such and to ensure continued compliance with the certification requirements it is considered necessary to require compliance by use of AD. This AD has been republished to correct the contact E-mail address of the TC holder in the Remarks section.
Effective Date:	05 March 2008.
Compliance:	Before 31 May 2009, in accordance with the instructions given in AIRBUS SB A320-29-1122, perform the following actions: - Identify the P/N and S/N of the RAT. - If the S/N is included in the affected batch, replace the gerotor pump assembly, re-identify the RAT and report to Airbus, - If the S/N is not included in the affected batch, no further action is required.
Ref. Publications:	AIRBUS Service Bulletin A320-29-1122 original issue. The use of later approved revisions is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. This AD was posted on 14 November 2007 as PAD 07-207 for consultation until 12 December 2007. No comments were received during this period. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - 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 – Airworthiness Office – EAS; Fax +33 5 61 93 44 51; E-mail: account.airworth-eas@airbus.com .