

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0127R1 Date: 23 October 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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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 : Reims Aviation Industries	Type/Model designation(s) : F 406 aeroplanes
TCDS Number : EASA A.109	
Foreign AD : Not Applicable	
Revision: This directive revises AD 2009-0127 dated 18 June 2009	
ATA 27	Flaps - Push Rod Assemblies - Replacement
Manufacturer(s):	Reims Aviation Industries (formerly Reims Aviation).
Applicability:	Model F 406 aeroplanes with serial numbers 0093 and 0095.
Reason:	During a scheduled maintenance check, the rod end (MS21152-1) of the flap push rod assembly has been found distorted. If left uncorrected, this condition could lead to a blockage of the flap mechanism which could seriously impair the aircraft handling and potentially result in loss of control of the aeroplane. For the reasons stated above, this new AD mandates the replacement of the push rod assemblies Part Number (P/N) 5865101-1, -7, and -9 by new push rod assemblies of improved design with P/N 4061-2721-1, -2, and -3. Revision 1 of this AD has been published to delete the paragraph (2) of the original AD. Because of a manufacturing change, only the rod assemblies P/N 5865101-1, -7, and -9 that were installed on aeroplanes 0093 and 0095 have been fitted with the MS21152-1 rod end, which is subject to failure.
Effective Date:	06 November 2009
Required action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) At the next scheduled maintenance check but not later than 2 Months after the 02 July 2009 (The effective date of the original AD), replace the push rod assemblies P/N 5865101-1, -7 and -9 by push rod assemblies

	P/N 4061-2721-1, -2, and -3 in accordance with the accomplishment instructions of the Reims Aviation Industries Service Bulletin No. F406-68, initial issue.
Ref. Publications:	Reims Aviation Industries Service Bulletin No. F406-68, initial issue dated 20 March 2009; The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 14 May 2009 as PAD 09-069 for consultation until 11 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: Reims Aviation Industries Aérodrome de Reims-Prunay 51360 Prunay, France Tel : + 33 3 26 48 46 65 - Fax : + 33 3 26 49 18 57