


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2010-0230</p> <p>Date: 05 November 2010</p> <p>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.</p>
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 : Reims Aviation Industries	Type/Model designation(s) : F406 aeroplanes
TCDS Number :	EASA.A.109
Foreign AD :	Not Applicable
Supersedure :	This AD supersedes DGAC France AD F-2005-080 dated 25 May 2005, EASA approval 2005-4020.
ATA 27	Flight Controls – Rudder Pulley Bracket – Inspection / Replacement
Manufacturer(s):	Reims Aviation Industries, formerly Reims Aviation, S.A.
Applicability:	F406 aeroplanes, serial numbers (s/n) as listed in Reims Aviation Industries Service Bulletin (SB) F406-58 Revision 2 dated 27 July 2010.
Reason:	<p>In early 2005, several reports had been received regarding discovery of cracks in rudder pulley brackets installed on Reims F406 aeroplanes. This pulley bracket, Part Number (P/N) 6015511-1, is installed on aeroplanes with the optional "Camera Hole" modification.</p> <p>This condition, if not detected and corrected, could result in the loss of rudder control on the airplane.</p> <p>To address this unsafe condition, DGAC France issued Emergency (Urgent) AD UF-2005-080, followed by the final AD F-2005-080, requiring repetitive inspections of the P/N 6015511-1 rudder pulley bracket and replacement of the bracket with a modified bracket, P/N 4061-2701-1, as terminating action.</p> <p>Recently, Reims discovered that aeroplane s/n F406-0091 had inadvertently not been included in the SB and this has been revised to correct the omission.</p> <p>For the reasons described above, this AD retains the requirements of DGAC France AD F-2005-080, which is superseded, and adds aeroplane s/n F406-0091 to the Applicability of the AD, by referencing Revision 2 of the Reims Aviation Industries SB F406-58.</p>
Effective Date:	19 November 2010

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) For all affected aeroplanes, except s/n F406-0091: Before next flight after 04 May 2005 [the effective date of DGAC France AD F-2005-080] and thereafter at intervals not exceeding 50 flight hours (FH) or 1 month, whichever occurs first, inspect the P/N 6015511-1 rudder pulley bracket in accordance with the instructions of Reims Aviation Industries SB F406-58. (2) For aeroplane s/n F406-0091: Within 30 days after the effective date of this AD, and thereafter at intervals not exceeding 50 flight hours (FH) or 1 month, whichever occurs first, inspect the P/N 6015511-1 rudder pulley bracket in accordance with the instructions of Reims Aviation Industries SB F406-58. (3) If, during any inspection as required by this AD, cracks are found, before next flight, install the modified pulley bracket P/N 4061-2701-1 in accordance with the instructions of Reims Aviation Industries SB F406-58. (4) Within the next 100 FH or 2 months after 04 May 2005 [the effective date of DGAC France AD F-2005-080], or after the effective date of this AD for aeroplane s/n F406-0091, replace the P/N 6015511-1 rudder pulley bracket with a modified bracket, P/N 4061-2701-1, in accordance with the instructions of Reims Aviation Industries SB F406-58. (5) Modification of an aeroplane as required by paragraph (4) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (6) After modification of an aeroplane as required by paragraph (4) of this AD, do not install a P/N 6015511-1 rudder pulley bracket on that aeroplane.
<p>Ref. Publications:</p>	<p>Reims Aviation Industries SB F406-58 Revision 2 dated 27 July 2010</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 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 Telephone + 33 3 26 48 46 65, Fax + 33 3 26 49 18 57, E-mail Jn.siro@reims-aviation.fr.