

EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2012-0202	
	Date: 01 October 2012	
<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>		
<p>This AD is issued in accordance with EU 748/2012, Part 21.A.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].</p>		
Design Approval Holder's Name:	Type/Model designation(s):	
REIMS AVIATION INDUSTRIES	F 406 aeroplanes	
TCDS Number:	EASA.A.109	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 53	Fuselage – Nose Landing Gear Attachment Bracket – Inspection / Replacement	
Manufacturer(s):	Reims Aviation industries (RAI), formerly Reims Aviation, S.A.	
Applicability:	F 406 aeroplanes, all serial numbers.	
Reason:	<p>During the manufacturing process, RAI found that some of the nose landing gear (NLG) attachment brackets, Part Number (P/N) 6013119-1, were made of aluminium alloy, instead of steel. The results of the investigation showed that some of these aluminium alloy brackets are likely to be installed on aeroplanes currently in service.</p> <p>This condition, if not detected and corrected, could lead to failure of the NLG attachment bracket and jamming of NLG extension/retraction mechanism, possibly resulting in a runway excursion and consequent damage to the aeroplane and injury to the occupants.</p> <p>For the reasons described above, this AD requires inspection of the NLG attachment bracket P/N 6013119-1 and, depending on findings, replacement with a serviceable bracket made of steel.</p> <p>In addition, as some aluminium alloy P/N 6013119-1 NLG attachment brackets may have been supplied as spares, this AD also requires determination that the part is made of steel, prior to installation.</p>	
Effective Date:	08 October 2012	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 25 flight hours or 30 days, whichever occurs first after the effective date of this AD, inspect the NLG attachment brackets P/N 6013119-1 in accordance with the instructions of RAI Service Bulletin (SB) N° F406-74. (2) If, during the inspection as required by paragraph (1) of this AD, a bracket made of aluminium alloy is found to be installed, as described in RAI SB N° F406-74, before next flight, replace each aluminium alloy bracket with a serviceable part made of steel. (3) From the effective date of this AD, do not install on any aeroplane a NLG attachment bracket P/N 6013119-1, unless it has been determined that the part is made of steel, which can be done in accordance with the instructions of RAI SB N° F406-74.
<p>Ref. Publications:</p>	<p>Reims Aviation Industries SB N°F406-74 dated 26 September 2012.</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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive 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.sirot@reims-aviation.fr.