


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0128</p> <p>Date: 18 June 2009</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 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	
Supersedure: None	
ATA 32	Landing gear - Emergency Blowdown Bottle - Rework
Manufacturer(s):	Reims Aviation Industries (formerly Reims Aviation).
Applicability:	Model F 406 aeroplanes, all serial numbers, that are equipped with part number 4063700-1 landing gear emergency blowdown bottle as identified in table 1 of this AD.
Reason:	<p>The AD 2007-0190 was issued following several reports for leakage of the landing gear emergency blowdown bottles p/n 9910154-4 to mandate the replacement of blowdown bottles P/N 9910154-4 by redesigned bottles p/n 4063700-1.</p> <p>Since the date of issuance of AD 2007-0190, some leakages of the new blowdown bottle p/n 4063700-1 have been reported. Tests have been conducted and identified some defective bottles. The cause of this leakage is due to a manufacturing process which has been solved since; therefore AD 2007-0190 remains valid.</p> <p>If left uncorrected, the internal pressure of the bottle could not be maintained to the necessary level and could result in a malfunction and failure to extend the undercarriage during emergency situations.</p> <p>For the reasons stated above, this new AD mandates the rework of bottles with the affected serial numbers.</p>
Effective Date:	02 July 2009

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 4 Months after the effective date of this AD, rework the landing gear emergency blowdown bottles P/N 4063700-1, as identified in table 1 of this AD, in accordance with the accomplishment instructions of the Reims Aviation Industries Service Bulletin F406-69, initial issue.</p> <table border="1" data-bbox="719 394 1219 553"> <tr> <th colspan="3">serial numbers to be reworked</th></tr> <tr> <td>23</td><td>25</td><td>27</td></tr> <tr> <td>31</td><td>32</td><td>36</td></tr> <tr> <td>37</td><td>38</td><td>39</td></tr> </table> <p>Table 1: serial numbers for blowdown bottles P/N 4063700-1 to be reworked</p> <p>(2) After the effective date of this AD, do not install on any model F 406 aeroplanes emergency blowdown bottles P/N 4063700-1 that are listed in table 1 of this AD, unless they have been previously reworked in accordance with the initial issue of the Reims Aviation Industries Service Bulletin F406-69.</p>	serial numbers to be reworked			23	25	27	31	32	36	37	38	39
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23	25	27											
31	32	36											
37	38	39											
<p>Ref. Publications:</p>	<p>Reims Aviation Industries Service Bulletin No. F406-69, initial issue dated 26 March 2009; 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. This AD was posted on 15 May 2009 as PAD 09-070 for consultation until 12 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: <p style="text-align: center;">Reims Aviation Industries Aérodrome de Reims-Prunay 51360 Prunay, France Tel : + 33 3 26 48 46 65 - Fax : + 33 3 26 49 18 57</p> 												