


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2006 - 0134 Date: 22 May 2006
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 :	Type/Model designation(s):
REIMS AVIATION INDUSTRIES	F 406
TCDS Number: DGAC N° 175	
Foreign AD Nr: None	
Supersedure: None	
ATA 24	Electrical Power - Avionics bus circuit breaker switches – Inspection / Replacement.
Manufacturers:	REIMS AVIATION - REIMS AVIATION INDUSTRIES.
Applicability:	F406 aircraft, ranging from serial number F406-0001 and subsequent.
Reason:	<p>The FAA has issued AD 2005-20-25 concerning CESSNA 400 series equipped with an avionics bus Circuit Breaker (CB) switch, part number (P/N) CM3589-50, 593-250-101, 593-250-12, W31-X2M5A-50 or W31-X1000-50.</p> <p>REIMS AVIATION INDUSTRIES has determined that the avionics bus CB switch P/N CM3589-50 is also installed on the F406 model.</p> <p>This AD intends to prevent failure of the avionics bus CB switch, which could result in smoke and a burning smell in the cockpit and lead to a reduced ability to control the airplane.</p> <p>The AD mandates first to check the date code of the CM3589-50 avionics bus CB switches and a replacement of the CB switches as necessary. It also introduces an improved design switch P/N 4061-2400-1 and a 1 000 hour life-limit for CM3589-50 avionics bus CB switches with a date code earlier than 0434.</p>
Effective Date:	05 June 2006

Compliance:	<p>The following measures are rendered mandatory from the effective date of this AD, unless previously accomplished.</p> <p>Within the next 200 flight hours or 12 months after the effective date of this AD or at the next scheduled inspection whichever occurs first :</p> <ol style="list-style-type: none"> 1. Remove the avionics bus switches P/N CM3589-50 so as to check & record their date codes . 2. Before any further flight,replace switches with no date code, by improved design ones P/N 4061-2400-1 or by CM3589-50 switches that have a date code equal or superior to 0434. 3. Replace switches P/N CM3589-50 featuring a date code earlier than 0434 before they reach their 1 000 hour life limit by improved design P/N 4061-2400-1 switches or by CM3589-50 switches that have a date code equal or superior to 0434. 4. Do not install a P/N CM3589-50 switch anylonger that does not have a date code or has a date code earlier than 0434,as of 2 May 2006,the effective date of this AD. <p>Do all actions in accordance with the accomplishment instructions of the REIMS AVIATION INDUSTRIES Service Bulletin No F406-62.</p>
Ref. Publications:	REIMS AVIATION INDUSTRIES Service Bulletin No F406-62 original issue or later approved revisions.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-067 for consultation on 21 March 2006 with a comment period until 17 April 2006. No comment was raised during the consultation period. 3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.eu.int 4. For any questions concerning the technical content of the requirements in this AD, please contact: REIMS AVIATION INDUSTRIES - Aérodrome de Reims Prunay - 51360 PRUNAY Tél: + 33 3 26 48 46 65 - Fax : + 33 3 26 49 18 57