	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-080</b>	Distribution: <b>A</b>	Issue date: <b>May 25, 2005</b>	Page : <b>1/2</b>
Direction générale de l'aviation civile France  GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
	<b>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.</b>			
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>UF-2005-080</b>		
Person in charge of airworthiness: <b>REIMS AVIATION INDUSTRIES</b>		Type(s): <b>F406 aircraft</b>		
Type certificate(s) No. <b>175</b> TCDS No <b>175</b>				
ATA chapter: <b>27</b>	Subject: <b>Flight controls - Inspection of the rudder pulley bracket</b>			

**1. EFFECTIVITY:**

This Airworthiness Directive (AD) is applicable to F406 aircraft with serial numbers SN 0002, 0003, 0004, 0006, 0008, 0009, 0010, 0012, 0013, 0017, 0024, 0025, 0039, 0042, 0044, 0045, 0066, 0070, 0073, 0074, 0075, 0077, from 0080 thru 0090 and 0092.

**2. REASONS:**

This AD is issued following several reports regarding discovery of cracks about the rudder pulley bracket part number 6015511-1. This pulley bracket is installed with the "Camera Hole" option.


This condition, if left uncorrected, could result in the loss of rudder control on the airplane.

**3. MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following measures are rendered mandatory from the effective date of this AD, unless previously accomplished:

- 3.1.** Prior to the next flight, perform initial inspection as specified in the REIMS AVIATION INDUSTRIES Service Bulletin No F406-58.
- 3.2.** If no cracking is found following the 3.1 initial inspection, repeat the inspection every 50 flight hours or 1 month whichever occurs first **and** at the latest within the next 100 flight hours or 2 months after the effective date of this AD whichever occurs first, install the modified pulley bracket as specified in the REIMS AVIATION INDUSTRIES Service Bulletin No F406-58.
- 3.3.** If any cracking is found, prior to next flight, install the modified pulley bracket as specified in the REIMS AVIATION INDUSTRIES Service Bulletin No F406-58.

These actions must be done in accordance with the manufacturer's technical Publications.

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**4. REFERENCE PUBLICATION:**

REIMS AVIATION INDUSTRIES Service Bulletin No F406-58 dated May 03, 2005  
(Any subsequent approved revision of this document is acceptable).

**5. EFFECTIVE DATE:**

On receipt of the emergency AD, as from May 04, 2005.

**6. REMARKS:**

This AD has been the subject of an emergency diffusion on May 04, 2005.

For any questions concerning the technical content of the requirements in this AD, please contact:

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**7. APPROVAL:**

This AD is approved under EASA reference No 2005-4020 dated May 04, 2005.

**SUPERSEDED**