	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-081</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>None</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>55</b>	Subject: <b>Stabilizers - Rudder brackets inspection and hinges bearings lubrication</b>				

**1. EFFECTIVITY:**

This Airworthiness Directive (AD) is applicable to F406 aircraft ranging from serial number SN 0001 thru 0092 inclusive.

**2. REASONS:**

This AD is issued following several reports regarding an important corrosion on the bearings with propagation to the bracket-hinge of the rudder. This corrosion has been discovered after rudder removals.

This condition, if left uncorrected, could result in the loss of the 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:

- Within the next 100 flight hours or 3 months after the effective date of this AD, whichever occurs first, perform the REIMS AVIATION INDUSTRIES Service Bulletin No F406-57.

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

**4. REFERENCE PUBLICATION:**

REIMS AVIATION INDUSTRIES Service Bulletin No F406-57 dated April 2005  
 (Any subsequent approved revision of this document is acceptable).

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5. **EFFECTIVE DATE:**

On receipt, as from May 25, 2005.

6. **REMARK:**

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

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Tél.: + 33 3 26 48 46 65 - Fax: + 33 3 26 49 18 57.

7. **APPROVAL:**

This AD is approved under EASA reference No 2005-4318 dated May 18, 2005.