	AIRWORTHINESS DIRECTIVE No F-2005-177	Distribution: A	Issue date: November 09, 2005	Page : 1/2
	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>
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.				
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: REIMS AVIATION INDUSTRIES		Type(s): F406 aircraft		
Type certificate(s) No. 175 TCDS No 175				
ATA chapter: 57	Subject: Wings - Inspection and lubrication of ailerons bearings			

1. **EFFECTIVITY:**

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

2. **REASONS:**

This AD is issued following reports, on several aircraft, of important corrosion found on the ailerons bearings.

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


3.1. Inspect the ailerons brackets and perform the lubrication of the ailerons bearings in accordance with the accomplishment instructions of the REIMS AVIATION INDUSTRIES Service Bulletin No F406-59.

3.2. Update the AMM Chapter 5-10-01 by inserting the Temporary Revision No 6 and amend consequently the operator maintenance program.

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

4. **REFERENCE PUBLICATION:**

REIMS AVIATION INDUSTRIES Service Bulletin No F406-59 dated October 2005.
 (Any subsequent approved revision of this document is acceptable).

	AIRWORTHINESS DIRECTIVE No F-2005-177	Distribution: A	Issue date: November 09, 2005	Page: 2/2
---	--	---------------------------	---	---------------------

5. **EFFECTIVE DATE:**

November 19, 2005.

6. **REMARK:**

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.

7. **APPROVAL:**

This AD is approved under EASA reference No 2005-6388 dated November 02, 2005.