	AIRWORTHINESS DIRECTIVE No F-2005-205	Distribution: A	Issue date: December 21, 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>	
	<p align="center">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.</p>			
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: ISSOIRE AVIATION		Type(s): APM 20 aircraft		
Type certificate(s) No. 191 TCDS No 191				
ATA chapter: 77	Subject: Engine indicating - Modification / Replacement of the coolant temperature indicator			

1. EFFECTIVITY:

This Airworthiness Directive (AD) is applicable to APM 20 Lionceau, from serial number (SN) 4 to SN 16 inclusive.

2. REASONS:

The ROTAX Service Bulletin SB 912-043 - also addressed in the Austro Control AD A-2004-004R1 - requires the replacement of the coolant on all engines type 912A, whose APM20 is powered by.

The present AD requires modification of the coolant temperature indicator markings, Airplane Flight Manual (AFM) and Aircraft Maintenance Manual (AMM) to take into account the new coolant type EVANS NPG+ and the new temperature limits as defined in the aforementioned ROTASB and Austro Control AD.

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 50 flight hours:

Modify the coolant temperature indicator markings & update the AFM and AMM, as instructed in the ISSOIRE AVIATION Service Bulletin No 45.

4. REFERENCE PUBLICATION:

ISSOIRE AVIATION Service Bulletin No 45 dated December 2005
(Any subsequent approved revision of this document is acceptable).

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5. EFFECTIVE DATE:

On receipt, as from December 21, 2005.

6. REMARKS:

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 2005-6431 dated December 13, 2005.