


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2010-0180</p> <p>Date: 27 August 2010</p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>	
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>		
<p>Type Approval Holder's Name : ISSOIRE AVIATION</p>		<p>Type/Model designation(s) : APM 20 and APM 30 aeroplanes</p>
<p>TCDS Number : EASA A.306</p>		
<p>Foreign AD : Not Applicable</p>		
<p>Supersedure : Not applicable</p>		
ATA 28		Fuel – Engine Fuel Hoses – Operational Limitation
<p>Manufacturer(s): ISSOIRE AVIATION</p>		
<p>Applicability:</p>		<p>APM 20 Lionceau and APM 30 Lion aeroplanes, all serial numbers except those on which Issoire Aviation modification N°26- 09 is embodied.</p> <p>Note: Issoire Aviation modification N°26-09 consists of installing new teflon fuel hoses compatible with unleaded automobile fuel EN 228 (E5)</p>
<p>Reason:</p>		<p>The APM20 is equipped with a Rotax 912A2 engine and APM30 with 912S2 engine. Both are approved with unleaded automobile fuel EN 228 (E5) or AVGAS 100LL.</p> <p>The composition of unleaded automotive fuels has changed. Addition of alcohol is now widely used.</p> <p>The manufacturer of the engine fuel hoses installed on the APM20 and APM30 aeroplanes has confirmed that they are not compatible with these new unleaded automobile fuel compositions. Usage of these new unleaded automobile fuels with original fuel hoses constitutes an unsafe condition.</p> <p>To address this unsafe condition, this AD requires prohibiting use of the unleaded automobile fuel, revising the Aeroplane Flight Manual (AFM) and revising the installed placards on the fuselage.</p>

Effective Date:	10 September 2010
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) After the effective if this AD, do not use unleaded automobile fuel (EN 228).</p> <p>(2) Within 1 month after the effective date of this AD, revise the AFM and the placards on the fuselage to prohibit use of unleaded automobile fuel in accordance with paragraph 7 a) of Issoire Aviation Service Bulletin N52.</p>
Ref. Publications:	<p>ISSOIRE AVIATION Service Bulletin No. 52 dated 26 May 2010.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 22 July 2010 as PAD 10-077 for consultation until 19 August 2010. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any questions concerning the technical content of the requirements in this AD, please contact: <p>ISSOIRE AVIATION BP 1 63501 Issoire Cedex FRANCE Tel : + 33 4 73 89 01 54 Fax : + 33 4 73 89 54 59 jav@issoire-aviation.com</p>