


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2006 – 0312-E</b></p> <p><b>Date: 13 October 2006</b></p>
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>Type Approval Holder:</b>	<b>Type/Model Designation(s):</b>
Société de Motorisations Aéronautiques (SMA)	SR305-230
TC Number: EASA E.076	
Foreign AD Number: None	
Supersedure: None	
<b>ATA 76</b>	<b>Engine Controls - Engine Electronic Control Unit (ECU) – Replacement</b>
<b>Manufacturer(s):</b>	Société de Motorisations Aéronautiques (SMA)
<b>Applicability:</b>	All aircraft with a SMA SR305-230 or SR305-230-1 engine equipped with an ECU having a serial number (S/N) of 131 and below, except S/N 70, 71, 83 and 88. This engine is installed on, but not limited to, the Cessna C182.
<b>Reason:</b>	Over a period of time, the alteration of one ECU electronic component can cause a rapid uncontrolled power increase. Several occurrences have already been reported during engine start or during engine warm-up. This could result in loss of control of the aircraft.
<b>Effective Date:</b>	16 October 2006
<b>Compliance:</b>	<ol style="list-style-type: none"> <li>1) Before next flight, determine the serial number of the ECU installed on the aircraft. Do not operate the engine if the ECU serial number is 131 and below, except S/N 70, 71, 83 and 88;</li> <li>2) If the ECU serial number is 131 and below, except S/N 70, 71, 83 and 88, remove and replace the ECU with an ECU having a serial number of 132 and above, in accordance with the SMA Service Bulletin in reference;</li> <li>3) One ferry flight to a location capable of completing the ECU replacement is allowed. The pilot should be ready to react appropriately to a sudden power increase.</li> </ol>
<b>Ref. Publications:</b>	SMA Service Bulletin No. SB-01-76-004 dated October 10, 2006 or later approved revisions.

Remarks:	<ol style="list-style-type: none"><li>1. If requested and appropriately substantiated, the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.</li><li>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</li><li>3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a></li><li>4. For any questions concerning the technical content of the requirements in this AD, please contact: Société de Motorisations Aéronautiques, 10-12 Rue Didier Daurat, F-18021 Bourges, France Phone: +33 (0) 2 4867 5600 - Fax: +33 (0) 2 4850 0141 E-mail : <a href="mailto:customer_services@smasr.com">customer_services@smasr.com</a></li></ol>
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