

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2014-0212</p> <p>Date: 19 September 2014</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 EU 748/2012, Part 21.A.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 AD applies, except in accordance with the requirements of that AD, 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>Design Approval Holder's Name: GROB AIRCRAFT AG</p>	<p>Type/Model designation(s): G 115 and G 120 aeroplanes</p>
<p>TCDS Numbers: EASA.A.364 and EASA.A.075</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
<p>ATA 80</p>	<p>Starting – Starter Solenoid – Inspection</p>
<p>Manufacturer(s):</p>	<p>GROB Aircraft AG (formerly Grob Aerospace GmbH, Grob Werke GmbH & Co. KG).</p>
<p>Applicability:</p>	<p>GROB G 115E and G 115EG aeroplanes, all serial numbers (S/N) up to and including S/N 82323/E, and GROB G 120A and G 120A-I aeroplanes, all S/N up to and including S/N 85063.</p>
<p>Reason:</p>	<p>An operator of a G 115E aeroplane experienced a total loss of electrical power in flight. The root cause was found to be a defective starter solenoid causing an internal short circuit, which resulted in breakdown of the system voltage.</p> <p>This condition, if not detected and corrected, could result in reduced control of the aeroplane.</p> <p>To address this potential unsafe condition, GROB Aircraft AG issued Service Bulletin (SB) MSB1078-196 for G 115 aeroplanes and SB MSB1121-144 for G 120 aeroplanes to provide instructions for inspection and corrective action.</p> <p>For the reason described above, this AD requires a one-time inspection of the starter solenoid and, depending on findings, replacement of the starter.</p> <p>A technical solution is currently under development and further AD action may follow.</p>
<p>Effective Date:</p>	<p>03 October 2014</p>

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 30 days after the effective date of this AD, inspect the starter solenoid in accordance with the instructions of GROB SB MSB1078-196 or MSB1121-144, as applicable to aeroplane type. In addition, for G 115E aeroplanes, install a placard « IFR operation in VMC only » on the instrument panel in full view of the pilot in accordance with the instructions of GROB SB MSB1078-196. (2) If, during the inspection as required by paragraph (1) of this AD, any damage to the starter is found, before next flight, replace the affected starter with a serviceable part in accordance with the instructions of GROB SB MSB1078-196 or MSB1121 144, as applicable to aeroplane type.
<p>Ref. Publications:</p>	<p>GROB Aircraft AG SB MSB1078-196 original issue dated 14 July 2014 (for G 115E and G 115EG).</p> <p>GROB Aircraft AG SB MSB1121-144 original issue dated 14 July 2014 (for G 120A and G 120A-I).</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<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 29 July 2014 as PAD 14-123 for consultation until 26 August 2014. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: GROB Aircraft AG, Product Support E-mail: productsupport@grob-aircraft.com.