


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2014-0067</p> <p>Date: 18 March 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:</p> <p>FIBERGLAS-TECHNIK RUDOLF LINDNER GmbH & Co. KG</p>	<p>Type/Model designation(s):</p> <p>GROB G 102 and G 103 sailplanes and powered sailplanes</p>	
<p>TCDS Number:</p>	<p>EASA.A.250</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Supersedure:</p>	<p>None</p>	
<p>ATA 27</p>	<p>Flight Controls – Rudder Control Unit Cable Pulleys – Inspection / Replacement</p>	
<p>Manufacturer(s):</p>	<p>GROB Werke GmbH & Co KG (formerly Burkhart Grob Flugzeugbau, Burkhardt Grob Luft- und Raumfahrt GmbH & Co. KG)</p>	
<p>Applicability:</p>	<p>GROB G 102 Standard Astir III (with letter „S“), G 102 Club Astir III (with letter „C“), and G 102 Club Astir IIIb, (with letter „Cb“) sailplanes, serial numbers (s/n) 5501 to 5652 inclusive.</p> <p>GROB G 103 TWIN II and G 103 A TWIN II ACRO (with letter „K“) sailplanes, s/n 3730 to 34078 inclusive.</p> <p>GROB G 103 C TWIN III ACRO sailplanes, s/n 34101 to 34203 inclusive.</p> <p>GROB G 103 C TWIN III sailplanes, s/n 36001 to 36014 inclusive.</p> <p>GROB G 103 C TWIN III SL powered sailplanes, s/n 35002 to 35051 inclusive.</p>	
<p>Reason:</p>	<p>Control cable pulleys made from plastic (white or brown material) in the rudder control unit were reported to develop cracks due to aging. In one case, jamming of the rudder control unit was reported.</p> <p>This condition, if not detected and corrected, could cause cable pulleys to break, potentially jamming the rudder control unit and resulting in loss of control of the sailplane.</p> <p>To address this potential unsafe condition, Fiberglas-Technik issued Technische Mitteilung/Service Bulletin TM-G05/SB-G05 and Anweisung/Instructions A/I-G05 (one document) to provide instructions for the replacement of plastic cable pulleys with pulleys made from aluminium.</p>	

	<p>For the reason described above, this AD requires identification and replacement of plastic cable pulleys in the rudder control unit.</p> <p>Plastic cable pulleys may also be installed in the cable circuits of pedal adjustment and/or tow hook actuation, their replacement is not required by this AD.</p>						
Effective Date:	01 April 2014						
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the compliance time defined in Table 1 of this AD, inspect the rudder control unit and, if plastic cable pulleys are installed, replace the plastic cable pulleys with aluminium cable pulleys in accordance with the instructions of Fibreglas-Technik TM-G05/SB-G05 and A/I-G05.</p> <p style="text-align: center;">Table 1: Compliance time for replacement</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Rudder control unit configuration</th> <th>Compliance time (after the effective date of this AD)</th> </tr> </thead> <tbody> <tr> <td>Open cable cage</td> <td>Within 1 month</td> </tr> <tr> <td>Closed cable cage</td> <td>Within 3 months</td> </tr> </tbody> </table> <p>Note: All G 103 C (TWIN III, TWIN III ACRO) sailplanes and G 103 C (TWIN III SL) powered sailplanes have closed cable cages.</p> <p>(2) From the effective date of this AD, do not install any plastic control cable pulley in the rudder control unit of a sailplane or powered sailplane.</p>	Rudder control unit configuration	Compliance time (after the effective date of this AD)	Open cable cage	Within 1 month	Closed cable cage	Within 3 months
Rudder control unit configuration	Compliance time (after the effective date of this AD)						
Open cable cage	Within 1 month						
Closed cable cage	Within 3 months						
Ref. Publication:	<p>Fibreglas-Technik TM-G05/SB-G05 and A/I-G05 original issue, dated 17 January 2014.</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 30 January 2014 as PAD 14-027 for consultation until 27 February 2014. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: E-mail: info@LTB-Lindner.com. 						