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|                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>AIRWORTHINESS DIRECTIVE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EASA AD No.: 2011-0213<br><b>GFA AD 673 Issue 1</b><br><b>CANCELLED 12.09.2018</b><br><b>Refer EASA AD 2011-0213</b><br><br><b>Date: 02 November 2011</b><br><br>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.                                                                                                                                                                                                                             |  |
| 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 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]. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Type Approval Holder's Name:</b><br><br>Glasfaser Flugzeug-Service GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Type/Model designation(s):</b><br><br>Glasflügel Sailplanes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TCDS Number: EASA.A.241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Foreign AD: Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Supersedure: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
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| <b>ATA 27</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Flight Controls -Elevator Control Rod in the Vertical Fin – Inspection / Replacement</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Manufacturer(s):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fa. Glasflügel, Glasflügel Segelflugzeugbau, Glasflügel Deutsch-Brasilianische Flugzeug-und Fahrzeugbau GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Applicability:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Standard Libelle 201b, serial number (S/N) 169<br>Standard Libelle 203, all S/N<br>Standard Libelle 204, S/N 1<br>Club Libelle 205, all S/N<br>Hornet, all S/N, except S/N 36<br>Hornet C, all S/N<br>Mosquito, all S/N Mosquito B, all S/N<br>Glasflügel 304, all S/N<br>Kestrel, all S/N, except S/N 85, 110, 125<br>Glasflügel 604, all S/N<br>BS 1, all S/N.                                                                                                                                                                                                                                                                                                                         |  |
| <b>Reason:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A broken elevator control rod in the vertical fin on a Kestrel sailplane has been reported. The technical investigation revealed that water had soaked into the elevator control rod through a control bore hole and resulted in corrosion damage. The investigation concluded as well that the corrosion cannot be detected from outside the elevator control rod. This condition, if not detected and corrected, could lead to failure of the elevator control rod, possibly resulting in loss of control of the sailplane. To address this unsafe condition, Glasfaser Flugzeug-Service GmbH have developed and published Technical Note (TN) TN 201-40 TN 205-27 TN 206-26 TN 303-25 |  |