

**Subject:** A) Installation of a tail wheel cover  
B) Installation of covers on the rudder  
C) Replacement of the covers on the aileron and flap actuators  
D) Modification of the blow hole system, Maintenance Instruction B Issue 2

**Applicability:** ASW 27, Type-Certificate EASA.A.220  
A) Models ASW 27, ASW 27-18 (ASG 29), ASW 27-18 E (ASG 29 E)  
B) Models ASW 27, ASW 27-18 (ASG 29), ASW 27-18 E (ASG 29 E)  
C) Models ASW 27-18 (ASG 29), ASW 27-18 E (ASG 29 E)  
D) Models ASW 27-18 (ASG 29), ASW 27-18 E (ASG 29 E)

**Classification:** Minor Change

**Urgency:** Optional

**Reason:** Product improvement / Investigations have shown, that a modification of the blow hole system on the outer wing reduces the drag and thus the flight performance of the ASW 27-18 can be improved.

**Action:** A) For a better covering of the tail wheel a new fairing is fitted on the outside of the fuselage.  
B) Mounting profiles are affixed on the rudder for screwing on a cover of the rudder actuator.  
C) The covers on aileron and flap "Hutzen II für WK und QR (290.31.0312, 290.53.0303)" replace the former covers. The covers "Hutzen II" don't have a flange for affixing on the surface of aileron and flap. The covers "Hutzen II" are screwed to the actuating fittings of aileron and flap (Antriebsböcke II für QR und WK / 290.31.0014, 290.53.0010). Therefore the new actuating fittings have threaded bushings, else they are equal to the former ones.  
  
This action is standard from serial No. 29092 (ASW 27-18) or 29702 (ASW 27-18 E).  
D) The new drawing 290.31.9008 / 53.9004 replaces the former drawing 290.31.9007 / 53.9003.

The modification of existing aircraft is possible with little effort. Drawings and parts can be ordered from the manufacturer Alexander Schleicher.

**ASW 27-18 (ASG 29):**

Exchange page 12.11 of the Maintenance Manual, Revision TN 06 on 20.11.2015  
Exchange Maintenance Instruction B by issue 2 on 20.11.2015.

**ASW 27-18 E (ASG 29 E):**

Exchange page 12.11 of the Maintenance Manual, Revision TN 14 on 20.11.2015  
Exchange Maintenance Instruction B by issue 2 on 20.11.2015.

**ASW 27-18 E according TN 13 (ASG 29 Es):**

Exchange page 12.11 of the Maintenance Manual, Revision TN 14 on 20.11.2015  
Exchange Maintenance Instruction B by issue 2 on 20.11.2015.

**Material and Drawings:**

See Action

**Mass and Balance:**

A new weighing is not necessary.

**Notes:**

The structural measures must only be accomplished by the manufacturer Alexander Schleicher or by a maintenance organisation according to European Union Commission Regulation (EC) 1321/2014 Part M / Section A / Subpart F.

All actions are to be inspected by certifying staff according to European Union Commission Regulation (EC) 1321/2014 Part M / Part 66 in the scope of a modification and have to be certified in the sailplane inspection documents and in the sailplane logbook. The change to the manual is considered being eligible for release by the Pilot-owner pursuant to M.A.801(b)3 and must be entered on the page „Record of Revisions“ and in the „List of effective pages“.

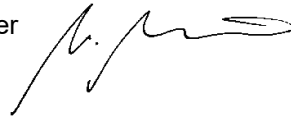
In countries outside the scope of EC 1321/2014 the corresponding national rules shall apply.

Poppenhausen, 20.11.2015

**Alexander Schleicher**

GmbH & Co.

by order



(M. Münch)

This change was approved by the EASA on 18.04.2016 with the Minor Change Approval 10058159.