

**Subject:** Modification of a glider ASG 29 according to TCDS EASA.A.220 into a powered sailplane ASG 29E under the same data sheet.

**Applicability:** All ASW 27-18 (ASG 29), TCDS EASA.A.220, which are prepared for subsequent engine installation (engine bay).

**Classification:** –

**Compliance:** None, optional on customer request.

**Reason:** Installation of a power plant system with all airframe related components.

**Action:** An ASG 29 according to drawing list 297 is available (with preparation for power plant installation). The power plant system manufactured according to the valid drawing list 851 is fitted into the engine bay. On the basis of the drawings of the valid drawing list of the powered sailplane ASG 29E (drawing list 298) the airframe related components are installed. The aircraft now corresponds to the type definition of the variant ASG 29E, TCDS EASA.A.220.

The flight and maintenance manuals of the ASG 29E in their valid issue are effective.

The airspeed indicator markings must be changed according to the specifications of the maintenance manual.

The fire-proof type plate of the sailplane must be replaced with the type plate of the model „ASW 27-18E“.

If a powered sailplane requires a different registration, the registration markings have to be applied according to the national regulations.

**Material and Drawings:**

See Action. Manual pages can be ordered by Messrs. ALEXANDER SCHLEICHER GmbH & Co., Phone +49 (06658) 89-0, Fax +49 (06658) 89-40 or E-mail: [sales@alexander-schleicher.de](mailto:sales@alexander-schleicher.de)

**Mass and C.G.:**

A new weight and C. G. determination is necessary and for this purpose a weighing has to be done.

**Notes:**


The structural measures must only be accomplished by the manufacturer Alexander Schleicher GmbH & Co. From the factory-side the serial number 29520 was already prepared so far that this modification can be accomplished by a technical aviation repair station holding an appropriate license.

After accomplishment of the modification the airworthiness of the aircraft must be documented in a re-inspection certificate to be in compliance with TCDS EASA.A.220.

A registration as powered sailplane has to be requested.

Poppenhausen, den 28.02.08

**Alexander Schleicher**  
GmbH & Co.

By order. 

(M. Greiner)

The ASW 27-18E is approved by EASA according to the TCDS EASA.A.220.  
The translation into English has been done by best knowledge and judgment, in any case of doubt the German original is controlling.