



**Airworthiness
Directive
2002-086**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Schleicher

Effective Date: March 07, 2002

Affected:

Kind of aeronautical product: Sailplane
Manufacturer: Schleicher, Poppenhausen, Germany
Type: ASW 27
Models affected: ASW 27
Serial numbers affected: 27105, 27109, 27110, 27113, 27115, 27116 and 27119 up to 27177
German Type Certificate No.: 389

Subject:

Wings with integrated (wet inner surface) water ballast tanks - correction of the forward empty weight CG-Limits

Reason:

Water ballast in the integral wing water ballast tanks causes a stronger nose heavy moment than the soft water ballast bags. To compensate this, heavy pilots must only use the rearmost back rest position.

Action / Compliance:

1. Installation of a warning placard: before the next flight
2. Exchange pages in the Flight- and Maintenance Manual to correct the forward empty weight CG-Limits: within the next 14 days
3. check forward empty weight CG: before the next annual inspection

Action to be accomplished in accordance with the Technical Notes of the manufacturer.

Technical publication of the manufacturer:

Schleicher ASW 27 Technical Note No. 9 dated February 02, 2002 which becomes herewith part of this AD and may be obtained from Messrs.:

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Segelflugzeugbau

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Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.