



**Airworthiness  
Directive  
1999-283**

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

**Alexander Schleicher**

**Effective Date: September 09, 1999**

**Affected:**

Kind of aeronautical product: Sailplane  
Manufacturer: Alexander Schleicher, Poppenhausen, Germany  
Type: ASW 27  
Models affected: All  
Serial numbers affected: 27002 up to 27104  
German Type Certificate No.: 389

**Subject:**

Check of control circuit clearance inside the fuselage tail boom to fin intersection

**Reason:**

One ASW 27 owner reported slight jamming in one flight and abandoned the take-off. Rubbing of the 90° lever with its attached mass balance lead weights and connecting bolt against the cut-out of the lower fin rib has been determined as the only likely cause.

**Action:**

1. Check the distance left and right of the mass balance weights.
2. If necessary, increase the distance of the mass balance and
3. Check / adjust the elevator deflections.

The actions must be done in accordance with the Technical Note of the manufacturer.

**Compliance:**

The actions must be done not later than October 31, 1999.

**Technical publication of the manufacturer:**

Alexander Schleicher Technical Note No. 5 dated July 16, 1999 which becomes herewith part of this AD and may be obtained from Messrs.:

Alexander Schleicher  
GmbH & Co.  
Segelflugzeugbau

D- 36163 Poppenhausen  
Federal Republic of Germany  
Phone: ++ 49 6658 89-0  
Fax: ++ 49 6658 89-40

**Accomplishment and log book entry:**

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

Note: Action 1. can be done by the owner himself

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

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

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

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

**Instructions about Available Legal Remedies:**

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.