



**Airworthiness  
Directive  
2002-076**

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

**Schleicher**

Effective Date: April 04, 2002

**Affected:**

Kind of aeronautical product: Sailplane  
Manufacturer: Schleicher, Poppenhausen, Germany  
Type: ASW 22  
Models affected: ASW 22  
Serial numbers affected: 22001 up to 22022, 22024 up to 22027, 22029 up to 22033, 22035 up to 22037, 22039 up to 22046  
German Type Certificate No.: 351

**Subject:**

Amendment of the Maintenance and Repair Manual / Extension of the service time

**Reason:**

The results of fatigue tests on fiber composite wings and wing spars have demonstrated that the time in service may be extended to 12000 hours, provided the airworthiness of each individual aircraft is evidenced by a special multi-stage inspection program.

**Action/Compliance:**

- a) before the next annual inspection, but not later than December 31, 2002:  
Amendment of the Maintenance and Repair Manual
- b) before reaching a total service life of 6000 flight hours  
Perform an inspection according to the „Inspection program for extending the service time“

The action must be done in accordance with the Technical Notes of the manufacturer.

**Technical publication of the manufacturer:**

Schleicher ASW 22 Technical Note No. 13 dated January 15, 2002 which becomes herewith part of this AD and may be obtained from Messrs.:

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GmbH & Co.  
Segelflugzeugbau

D- 36163 Poppenhausen  
Federal Republic of Germany  
Phone: ++ 49 6658 89-0, Fax: ++ 49 6658 89-40  
Mail: sales@alexander-schleicher.de

**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.

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!