



**Airworthiness  
Directive  
97-010**

**Luftfahrt-Bundesamt**  
Airworthiness Directive Section  
Lilienthalplatz 6  
38108 Braunschweig  
Federal Republic of Germany

**Schleicher**

Effective Date: January 30, 1997

**Affected:**

Kind of aeronautical product:	Sailplane
Manufacturer:	Schleicher, Poppenhausen, Germany
Type:	ASW 19
Models affected:	all
Serial numbers affected:	all
German Type Certificate No.:	308

**Subject:**

- a) Amendment- of the Maintenance Manual
- b) Inspection Program to increase the service life

**Reason:**

The results of fatigue tests on fiber composite wings and wing spars have demonstrated that a service life of 12000 hours can be reached for these structural components. As the fatigue tests did not cover the entire (fiber composite) glider, the service life of 12000 hours can be granted only if the airworthiness of each individual glider (beyond the obligatory annual C of a Inspections) is demonstrated in a special multi-step inspection program for the purpose of increasing the service life.

**Action:**

Exchange of some pages into the AFM.

**Compliance:**

- a) Prior at the next annual inspection, but not later than March 31, 1997
- b) Prior to reaching a total service life of 3000 flight hours and 6000 flight hours respectively

**Technical publication of the manufacturer:**

Alexander Schleicher ASW 19 Technical Note No. 25 dated October 21, 1996 which becomes herewith part of this AD and must be obtained from Messrs.:

Alexander Schleicher GmbH & Co.  
Segelflugzeugbau

D-36163 Poppenhausen

Federal Republik of Germany

**Accomplishment and log book entry:**

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