



**Airworthiness
Directive
97-244**

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

Schleicher

Effective Date: August 28, 1997

Affected:

Kind of aeronautical product:	Sailplane
Manufacturer:	Schleicher, Poppenhausen, Germany
Type:	ASK 23 and ASK 23B
Models affected:	ASK 23 and ASK 23B
Serial numbers affected:	all
German Type Certificate No.:	353

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 Maintenance Manual.

Compliance:

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

Technical publication of the manufacturer:

Alexander Schleicher ASK 23 / ASK 23B Technical Note No. 12 dated June 16, 1997 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 log book by a licensed inspector.