

Subject: A) Amendment of the Maintenance and Repair Manual.
B) Inspection Program To Increase The Service Life.

Serial number applicability: All ASW 22, Document No. 351, Serial Number 22001 until 22022, 22024 until 22027, 22029 until 22033, 22035 until 22037, 22039 and 22046

Compliance: A) Prior to the next annual C. of A. inspection, but before or on Dec. 31, 2002, at the latest.
B) Prior to reaching a total service life of 6000 flight hours respectively.

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: The Maintenance Manual pages 1, 6, 60 and 61 must be exchanged for pages with the revision entry & date "TN 13 / 15.01.2002 Juw" and the new page 76 must be inserted. The Repair Manual must be exchanged for the amended issue from April 1999. The Maintenance Instructions and other papers that are stated on the amended page 76, including this Technical Note itself, must be inserted into the Appendix of the Maintenance Manual. The instructions and notes given in the amended manual pages must be regarded! The accomplishment of the change to the Manual must be documented on the respective Page "Index of Corrections" in the Maintenance Manual.

For Manual amendments please regard the following information :

When an existing Manual page which should be exchanged against a new one according to this TN is already an amended one because of an earlier TN, both pages remain in the Manual.

Material and drawings:

The manual pages, Repair Manual, Maintenance Instructions, Technical Notes, AD-Notes, as well as the "Inspection Program To Increase The Service Life" Issue 1, dated 24.11.94 can be obtained from Messrs. SCHLEICHER (Tel +49-6658-890, Fax +49-6658-8940 or e-mail: sales@alexander-schleicher.de), or from the SCHLEICHER agency in your country. You always need to state the glider serial number.

Notes: The "Inspection To Increase The Service Life" must only be accomplished by the manufacturer or by a technical aviation service station holding an appropriate license; the accomplishment must be certified by a licensed aviation inspector in the glider logbook and in the glider inspection certificates.

The amendment to the Manual can be done by the operator of the glider himself.

Poppenhausen, January 15, 2002

Alexander Schleicher
GmbH & Co.

by order
(Lutz-W. Juntow)

The German original of this Technical Note has been approved by the LBA under the date of Jan. 29, 2002 (signed by Ronig).

The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.