

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

Serial number applicability: A) All ASK 21, Data Sheet no.L-339, serial no.s 21001 thru 21554; this is factory-standard as of serial no.21555.
B) All ASK 21, Data Sheet no.L-339, as of serial no.21001.

Compliance: A) By the next annual C. of A. inspection, but not later than Dec. 31, 1994.
B) Prior to reaching a service life of 3000 hours.

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 21, 25, 31, and 43 c must be exchanged for new pages with the same page no., but with the revision entry & date "TN 24 / 04.05.92". The new Maintenance Manual pages 43 d thru 43 f and 58 as well as the Maintenance Instructions must be inserted. The accomplishment of the change /supplement to the Manual must be documented on Page 2 "Amendments Record". The instructions and notes given in these amended and new pages respectively must be regarded!
For the FAA-approved US-Edition of the manual "Instructions for Continued Airworthiness" this applies equivalently to the following pages 2, 3, 25, 27, 34, 35, and 45b which must be exchanged for pages with the new date "May 4, 1992" and the rev. entry "TN 24"; in addition the new pages 45 c thru 45 e and 61 as well as the Maintenance Instructions must be inserted. The exchange of /supplement to the Manual must be documented on the page "Log Of Revisions".

Material & drawings: The Manual pages, the Maintenance Instructions, as well as the "Inspection Program To Increase The Service Life" can be obtained from Messrs.SCHLEICHER or from the SCHLEICHER agency in your country.

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 log-book and in the glider inspection certificates. The amendment /supplement to the Manual can be done by the owner of the glider himself.

Poppenhausen, May 4, 1992

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The German original of this Technical Note has been approved by the LBA under the date of OCTOBER 1, 1992 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

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