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

Serial number 
appliability:  
A) All ASK 21, Data Sheet no.L-339, serial no. 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  
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. inspec-  
tions) 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 exchang-  
ed for new pages with the same page no., but with the revision  
entry & date "TN 24 / 04.06.92". 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 re-  
spectively must be regarded!  
For the FAA-approved US-Edition of the manual "Instructions for  
Continued Airworthiness" this applies equivalently to the follow-  
ing 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 accom-  
plished by the manufacturer or by a technical aviation service  
station holding an appropriate license; the accomplishment must  
b 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  
ALEXANDER SCHLEICHER  
Gmbh & Co.  
i.A. (Lutz-W. Jurand)  
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.