Subject: Revision of the Flight Manual (FM).

Serial number Applicability: All ASK 21 S/N 21001 through 21495 inclusive. From S/N 21496 onwards the ASK 21 will be delivered with the revised Flight Manual.

Compliance: Exchange of the revised FM-pages for the next annual inspection.

Reason: The USAF uses the ASK 21 to educate their student test pilots and flight inspectors in spins. As most of these flights are outside the range of load and balance covered by the standard Flight Manual the USAF performed extensive flight tests. The results of these flight tests allow for a more precise description of the spins themselves as well as of spin entry and of recovery from spins. Therefore the description of the relevant flight conditions in the FM were amended.

Action: Pages 13, 15, 25 and 26 of the English translation of the FM or pages 2, 22, 24, 33 and 34 of the US/FAA version of the FM must be exchanged against the new pages with the same number however with the footnote TN 23 dated Jan 1991.

Notes: The pages of the manual may be exchanged by the owner of the sailplane himself. For the next annual inspection the action must be documented by the inspector in section I.1 (Log of revisions) of the FM.

Poppenhausen, 29 Jan. 1991

Alexander Schleicher GmbH & Co.

The German original of this Technical Note has been approved by the LBA under the date of 08. April 1991 (signature: [signature]). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

FAA approval of this TN 23 by , FAA Bruxelles, dated