

Subject: Wheel brake improvement.
Modification of the mechanical drum brake into a hydraulic disc brake system.

Affected gliders: All ASK 16s; optional modification.

Compliance: None; optional.

Reason: To improve the maneuverability during ground run and the effectiveness of the wheel brake, a hydraulic disc brake system can be installed into the main landing gear.

Action:

1. The parts are made according to drawings 160.21/22.0060 thru 0066 and the installation is done according to drawing 160.21.S8.
2. The Maintenance Manual must be supplemented with the pages 7a thru 7c and on page 7 the first three lines must be cancelled. The accomplishment of this action must be certified on page 2 of the Flight Manual.

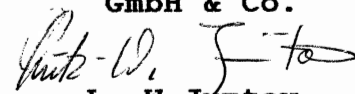
Material & drawings: See the drawings detailed in the above para "Action".

Mass and C.G.: Owing to the modification, the empty mass is increased by about 4 kg (8,8 lb). Therefore, it is necessary to redetermine the mass and C.G. data.

Notes: This modification must be accomplished only by the manufacturer; the accomplishment of this modification must be certified in the glider logbook and in the inspection certificates.

Poppenhausen, June 12, 1985

ALEXANDER SCHLEICHER
GmbH & Co.


L.-W. Juntow.

The German original of this Technical Note has been approved by the LBA under the date of July 12, 1985 (signature: Frieß). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.