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ASH 25  
Technical Note  
No. 5

**Alexander Schleicher**  
GmbH & Co.  
Segelflugzeugbau  
D-6416 Poppenhausen

Subject: Installation of a nose tow release coupling.

Serial number applicability: All serial no.s ASH 25 and "ASH 25 according to TN 1".

Compliance: None; optional only.

Reason: Some countries require the installation of an aero tow release coupling which means a tow release coupling which is installed significantly in front of the C.G.

Action:

1. In accordance with the production drawing 250.01.S6 the following parts are built and installed :  
P/N 250.01.0014  
250.01.0015  
250.01.0016 (99.000.3471)  
250.01.0017  
250.01.0107  
250.01.0153  
250.01.0154  
250.01.0155

The aero tow release coupling to be installed is the TOST model "nose tow release coupling E 85" (Data Sheet no. 60.230/1). As replacement also the TOST models "nose tow release coupling E 75" or "nose tow release coupling E 72" may be used.

2. The following pages in the manuals must be exchanged for new pages with the revision entry "TN 5" and the date "Oct.90" :

Flight Manual pages: 4.8, 4.10, 4.11, 7.7, 7.14  
Maintenance Manual pages: 2.35, 4.4, 7.3, 12.5.

- 2.1 The accomplishment of the exchange of the manual pages must be entered in the "Record Of Revisions" (page 0.2 or 0.3) in both manuals, i.e. starting in the first column (Rev.No.) with the entry "TN 5". On pages 0.4 and 0.5 the dates of the exchanged pages have to be corrected in writing to the new date "10.10.90".

- 2.2 If the mod "TN 1" was already accomplished on one of these gliders, then those manual pages (Flight Manual p.7.14 & 7.15 and Maintenance Manual p.7.3) must be used which regard both Technical Notes (TN 1 and TN 5) in their Rev.No.

Material & drawings: See the drawings mentioned under point "Action".

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Mass and C.G.:

Owing to the installation of this tow release coupling the mass of the non-lifting parts is increased by about 2 kg. Also the empty mass C.G. is moved forwards by about 10 mm. Therefore, it is necessary to redetermine the mass and C.G. data.

Notes:

1. The parts can be obtained from Messrs. Schleicher.
2. This modification must only be accomplished by the manufacturer or by a technical aviation service station holding an appropriate license; the accomplishment must be certified in the glider's logbook and in its inspection reports.
3. This Technical Note supersedes TN 4 dated January 17, 1990.

Poppenhausen, October 10, 1990

ALEXANDER SCHLEICHER  
GmbH & Co.

  
Dipl.-Ing. Martin Heide

The German original of this Technical Note has been approved by the LBA under the date of Oct.17, 1990 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case the German original is controlling.

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