

- Subject:** A) New software versions of the power-plant instrument
B) Changes to mechanical control unit and propeller stopper
C) Alternative threaded end for decompression bowden cable
- Applicability:** All ASW 28-18E, Type certificate EASA.A.034, all S/N
- Urgency:** None
- Classification:** Minor modification
- Reason:** A1) New software-version for the power-plant instrument:
The current software-version has the following No.: S1.18
A2) Software-version S1.15 and the following change the condition at which the electric fuel pump is running. Therefore, manual pages have to be changed.
B1) Detail-modifications at the engine control unit (Drawings 850.72.0001 new revision 02.06.05; 850.72.1001 new revision 11.05.05).
B2) Modification of the parts 850.72.0002 (new revision 06.09.05) and 850.67.0100 (new drawing 850.67.0103), so that the propeller stopper can be operated more easily.
C) A copper part (part no. 99.333.0039) can alternatively be used as thread end.
- Action:** A1) Power-plant instruments with software version S1.15 or lower should be updated.
A2) With software-version S1.15 and the following, the Flight Manual pages 7.22; 7.24 have to be exchanged.
B1) None, the slotted side plates of the mechanical control unit may only be exchanged in pairs.
B2) None, new designs are compatible with parts so far.
C) None
- Material and Drawings:** See Action. Manual pages can be ordered by Messrs. ALEXANDER SCHLEICHER GmbH & Co., Phone +49 (06658) 89-0, Fax +49 (06658) 89-40 or E-mail: sales@alexander-schleicher.de
- Mass and C.G.:** Mass differences are so small, that a new weight and C.G. determination is not necessary.

Notes:

Actions A) until D) may be accomplished independently.

Changes of the software/hardware-version may only be accomplished by Messrs Alexander Schleicher GmbH & Co. (AS) or by the manufacturer of the engine control unit, ILEC. For this, the engine control unit must be sent to Messrs AS or the manufacturer, **Messrs ILEC**.

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| <p>Alexander Schleicher GmbH & Co Alexander-Schleicher-Str. 1 D-36163 Poppenhausen (Wasserkuppe) Telefon: +49 (0) 6658 / 89-0 Telefax:+49 (0) 6658 / 89-40 Email: info@alexander-schleicher.de</p> | <p>ILEC GmbH Friedrich-Puchta-Str. 6 D-95444 Bayreuth Telefon: +49 (0) 921 / 13733 Telefax: +49 (0) 921 / 82731 Email: ILECgmbh@t-online.de</p> |
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The exchange of the power-plant instrument may be accomplished by a competent person.

To display the version numbers, switch on the power-plant instrument and retract the engine. A after a short latency text moves across the display. The software-version is marked with a 'S' and the hardware-version is marked with a 'H' (i.e.: H1.03 S1.12).

The actions C) and D) may be accomplished by the manufacturer Alexander Schleicher GmbH & Co. or by a technical aviation repair station holding an appropriate license. Exchange of Manual pages by a competent person.

The accomplishment of all actions must be examined and certified in the aircraft's inspection documents by a licensed aviation inspector.

Poppenhausen, 29 August 2006

Alexander Schleicher
GmbH & Co.

i. A.



(M. Greiner)

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The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.