

**Subject:** Adjusting the drive belt

**Affected:** ASW 22 BE Type Certificate LBA 834 Series ASW 22 BE 50R and BLE 50R  
ASH 26 E Type Certificate LBA 883  
ASH 25 E Type Certificate LBA 858 Series ASH 25 M und Mi

**Classification:** Minor modification

**Urgency:** before the next annual C. of A. inspection

**Reason:** Since the development of the belt drive, belt manufacturers have introduced new measuring methods for adjusting the belt to the correct pre-load. In the past the deflection of the belt has been measured with a given load. Nowadays the resonance frequency on a free oscillating length will be measured. This has proven to be a more precise method.

Tests have shown much less spread in pre-load when applying the frequency method, and a smoother running belt is achieved. For this reason a new maintenance instruction "Adjusting the drive belt" has been created. This instruction also shows a cheap measuring method applicable for the belt drive of the rotary engines.

The much more precise belt pre-load implies a longer operating life. It is recommended to accomplish the maintenance instruction before the next annual C. of A. Inspection.

**Action:** The adjustment of the belt drive happens according the specification of the maintenance instruction "**Adjusting the drive belt**"

The maintenance instruction "**Adjusting the drive belt**" will be included into chapter 12.6 of the maintenance manual.

The following Manual pages must be exchanged against new ones with the revision status dated "Jan. 08" and the corresponding "TN No.". The exchange must be documented in the „Table of Revisions" of the manuals.

**ASW 22 BLE 50 R** note: TM 12  
Flight Manual: 4.13  
Maintenance Manual: 2.13 2.14 2.15 2.57 12.9

**ASH 25 M** note: TM 27  
Flight Manual: 4.10  
Maintenance Manual: 2.13 2.14 2.15 2.57 12.9

**ASH 25 Mi** note: TM 27  
Flight Manual: 4.10  
Maintenance Manual: 2.13 2.14 2.15 2.64 12.9

**ASH 26 E** note: TM 15  
Flight Manual: 4.8  
Maintenance Manual: 2.13 2.14 2.15 2.16 2.68 12.8

Important general note for revisions to the manuals:  
in case that any manual page referred to herein, has already been changed in your manual by a previously issued revision (eg: by a Technical Note); then the previous manual page revision remains valid. And the pages under this TN must be inserted in addition!

**Material and Drawings:**

Maintenance instruction “**Adjusting the drive belt**” and exchanging pages for the manuals (see under action).

**Mass and C.G.:**

unconcerned

**Notes:**

The Manual pages may be exchanged by the owner/operator of the sailplane himself.

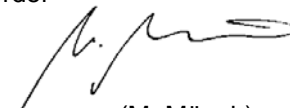
The action “Adjusting the belt drive” may be executed by a competent person.

All action has to be documented by an inspector authorised for such work in the sailplane’s log book, Flight and/or Maintenance Manual and the records of inspections.

Poppenhausen, den 08.01.08

**Alexander Schleicher**  
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on order



(M. Münch)

The German Original has been approved by the EASA on **29 January 2008** under the EASA project number **EASA.A.C.08918**.

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