

**Subject:** Replacement for polyester fleece PKM 80, Molton or Flanell 406

**Applicability:**

<b>ASW 19</b>	Type-Certificate LBA 308
<b>ASW 20</b>	Type Certificate LBA 314
<b>ASW 22</b>	Type-Certificate EASA.A.217
<b>ASW 24</b>	Type-Certificate LBA 366
<b>ASW 24 E</b>	Type-Certificate LBA 859
<b>ASH 25 (incl. ASH 30)</b>	Type-Certificate EASA.A.213
<b>ASH 26</b>	Type-Certificate LBA 383
<b>ASH 26 E</b>	Type-Certificate LBA 883
<b>ASW 27 (incl. ASG 29)</b>	Type-Certificate EASA.A.220
<b>ASW 28</b>	Type-Certificate EASA.A.017
<b>ASW 28-18 E (incl. AS 34 Me)</b>	Type-Certificate EASA.A.034
<b>ASH 31 Mi</b>	Type-Certificate EASA.A.538
<b>AS 33</b>	Type-Certificate EASA.A.656

all models/variants and serial numbers

**Classification:** Major Change

**Urgency:** optional

**Reason:** The PKM material was used in some designs of Alexander Schleicher Company to gain wall thickness between the load carrying layers. This material is no longer available.

**Action:** If PKM 80 is specified in the drawing, alternatively the following material can be used:

specified in drawing	replaced by
PKM 80	LANTOR nonwovens quality 383 015

**The following paragraph applies only to ASW 19 and ASW 20:**

In the drawing set of the ASW 19 and ASW 20 a cotton fabric is listed as "Flanell No. 406" or shortened as "Molton". This cotton fabric has a grammage of 200 g/m<sup>2</sup> (dry) and is also used to gain wall thickness between the load carrying layers. As this cotton fabric was also no longer available, PKM 80 was used for repairs and manufacturing of parts for the newer models of the ASW 20. Refer also to the TN 24 of the ASW 20.

Flanell No. 406 (Molton) can be replaced by LANTOR nonwoven 383 015, too. Additionally, a successor of Molton can be used. The cotton fabric product code "1310 Molton Flanell" of the company Setex Textil GmbH or every comparable fabric can be used as follows:

For repairs or spare parts for ASW 19 and ASW 20 the following applies:

<i>ailerons and/or flaps</i>	<i>1 layer nonwoven 383 015 replaces 1 layer Molton</i>
<i>rudder and fuselage</i>	<i>2 layers nonwoven 383 015 replace 1 layer Molton or 1 layer Setex 1310 Molton Flanell (or comparable fabric) replaces 1 layer Molton</i>

**Material and Drawings:** See Action


**Notes:** The structural measures must only be accomplished by the manufacturer Alexander Schleicher or by qualified staff according to applicable law (European Union Commission Regulation (EC) 1321/2014).

All actions have to be inspected as non-complex maintenance by certifying staff according to EC 1321/2014 and have to be certified in the sailplane inspection documents and in the sailplane logbook.

In countries outside the scope of EC 1321/2014 the corresponding national rules shall apply.

Poppenhausen, 21.02.2023

**Alexander Schleicher**  
GmbH & Co.

by order   
(Name)

This modification is initially based on a change, which has been approved by the EASA with the Minor Change Approval 10059170.

The issue III of this Technical Note (dated 21 February 2023) has been approved by the EASA under the Minor change approval EASA 10081311.