



AIRWORTHINESS DIRECTIVE

Issue 1

TYPE AFFECTED:

ASW 19 ASW19B

SUBJECT:

Inspection to verify that the release knob has 12mm of freeplay with the release in the fully locked position.

BACKGROUND:

Alexander Schleicher Technical Note 18 requests inspection and rectification if necessary. Technical Note 18 forms part of this A.D.

REQUIRED ACTION:

(1) Before next flight

- (a) Carry out the requirements of TN 18
- (b) Record work done in the log book

IMPLEMENTATION:

Final rigging of the system to be checked against T.N. requirements by a DoA 1109 holder, endorsed C. of A. any type.

COMPLIANCE:

The requirements of this Airworthiness Directive are mandatory. This Directive is issued pursuant to Air Navigation Regulations under the delegated authority of the Secretary of the Department of Aviation.

Issued by:

Chief Technical Officer,
Airworthiness

14/2/1985

For and on behalf of:

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14/2/1985,

Sheet 2 of 2

Sheet 1
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ASW 19 / 19 B
Technical Note
No. 18

Alexander Schleicher
Segelflugzeugbau
6416 Poppenhausen

Subject:

Possible incorrect mounting of the tow release cable guiding fittings, resulting in malfunction.

Affected gliders:

All ASW 19 and ASW 19 B,
serial numbers 19001 thru 19405.

Compliance:

Prior to the next take-off.

Reason:

Following a case of unintended release of the tow hook during take-off (which possibly was caused by an incorrect mounting of the tow release cable guiding fittings), an inspection of the neutral travel at the actuating cable line of the tow release is required.

Background: With older ASW 19 and ASW 19 B the cable guiding fittings were mounted in front of the control bulkhead (as shown in Fig. 1), while with newer gliders the fittings were mounted as standard rear of the control bulkhead (See Fig. 2).

Now the following error may arise:

If the cable guiding fittings are mounted in front of the control bulkhead with sufficient neutral travel, the neutral travel disappears in case that the fittings are mounted by mistake rear of the control bulkhead.

Therefore, all ASW 19 and ASW 19 B must be changed as standard to the mounting of the cable guiding fittings to the rear of the control bulkhead, with sufficient neutral travel (Fig. 2).

Action:

1. Check whether the cable guiding fittings are mounted in front of the bulkhead (Fig. 1) or rear of it (Fig. 2).
2. If the fittings are mounted in front of the bulkhead, they must be remounted to the rear!
3. Now you have to check whether sufficient neutral travel is left, as indicated in Fig. 2. With too little neutral travel the plastic tube at the ball grip may be shortened accordingly and/or the neutral travel may be extended by turning in the turnbuckle (Fig. 2).

Notes:

The actions 1. thru 3. can be accomplished by an expert and must be documented in the logbook.

Poppenhausen, July 3, 1984

ALEXANDER SCHLEICHER
GmbH & Co.
Alexander Schleicher

The German original of this TN has been approved by the LBA under the date of July 10, 1984, and is signed by Mr. SCHMALJOHANN. The translation into English has been done by best knowledge and judgement. In any case of doubt the German original is authoritative.

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ASW 19 / 19 B
Technical Note
No. 18

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Fig. 1

Cable guiding fittings mounted in front!

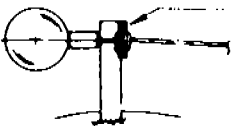


Fig. 2

12 mm neutral travel
Cable guiding fittings mounted rear of the bulkhead!

