

Subject: (A) Hand-operated rudder control in the front cockpit
(B) Additional hand-operated rudder control in the rear cockpit

Applicability: **ASK 21 B**; Type-Certificate EASA.A.221; all serial numbers

Classification: Major Change

Urgency: none, optional modification

Reason: (A) Pilots, who are handicapped or disabled with their legs, shall be enabled to do gliding. Therefore, a hand-operated rudder control is installed in the front cockpit of the ASK 21 B.

(B) Instructors, who are handicapped or disabled with their legs, shall be enabled to give training flights. Therefore, in addition a hand-operated rudder control can be installed in the rear cockpit.

Action (A) can be carried out independently of Action (B). Action (A) is required to accomplish Action (B).

Action: (A) Hand-operated rudder control in the front cockpit:
The drawing list "*Seitenrunder-Handsteuerung*" of the ASK 21 B, section "*Seitenrunder-Handsteuerung im vorderen Cockpit*" applies.

Supplementing the **Flight Manual:**

Insert document "C" (TN 3 - Hand-operated rudder control) in section 9 at the end of the Flight Manual and register it in the list on page 9.2

Supplementing the **Maintenance Manual:**

Insert document "A" (TN 3 - Hand-operated rudder control) in section 13 at the end of the Flight Manual and register it in the list on page 13.2

(B) Additional hand-operated rudder control in the rear cockpit:
The drawing lists "*Seitenrunder-Handsteuerung*" of the ASK 21 B, Section "*Seitenrunder-Handsteuerung im vorderen Cockpit*" and "*Zusätzliche Seitenrunder-Handsteuerung im hinteren Cockpit*" apply.

Supplementing the **Flight and Maintenance Manual:**

The supplement of Action (A) already includes Action (B).

Material and Drawings: See Action

Mass and Balance: A new weighing has to be made for all actions.

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 Part M).

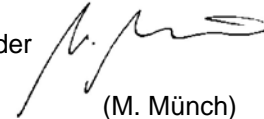
All actions have to be inspected as complex maintenance by certifying staff according to M.A.801 (EC 1321/2014) and have to be certified in the sailplane inspection documents and in the sailplane logbook. The change to the manual is considered being eligible for release by the pilot-owner pursuant to M.A.801(b)3 and must be entered on the page „Record of Revisions“ and in the „List of effective pages“.

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

Poppenhausen, 05.09.2019

Alexander Schleicher
GmbH & Co.

by order



(M. Münch)

This Technical Note bases on a change, which was approved by EASA under the minor / major change approval EASA 10071096.