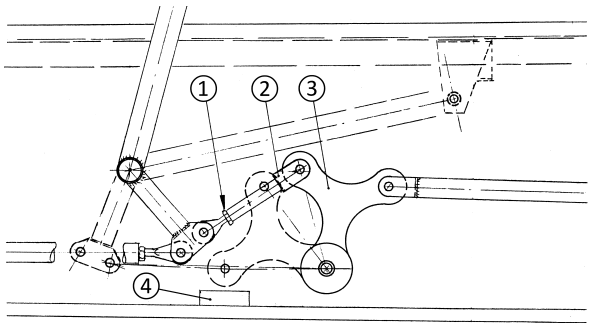


- Subject:** Re-adjusting the airbrakes
- Applicability:** All ASK 21 B, Data Sheet No. EASA.A.221
- Urgency:** If required
- Reason:** If it is noted that the air brake locking is too weak, the over center lock of the control system in the airbrake box of the wing can be adjusted.
- Action:**
1. First of all the stop block (4) can be peeled off a little by removing some layers carefully with a punch, but it should be not more than 1.5 mm [0.06"].
 2. If the action 1.) did not produce the desired results, the joint head of the short pushrod (2) can be screwed out by 1/2 to 1 turn. For this the pushrod (2) is to be disconnected from the toggle lever (3) and the lock nut must be loosened. Re-connect in the reverse order.



Note:

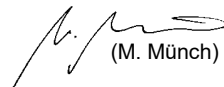
This action should be done on both wings. Subsequently it must be checked in rigged condition, that the airbrakes on both wings are moving parallel.

If the over center lock is too strong, the hand forces for locking and unlocking the airbrakes can be increased markedly. A max. hand force of 20 da/N is permissible according to the airworthiness requirements.

Material: New safety nut M 6, DIN 982 - 6, if needed

Poppenhausen, 15.06.18

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