

Subject: Inspection and exchange of the rudder pedal support fitting.

Affected gliders: All ASK 21 serial numbers 21001 thru 21312; as of serial number 21313 this is factory standard.

Compliance:

1. Check the rudder pedal support fitting prior to the next take-off.
2. If cracks are found in this fitting, it must be immediately exchanged for a new one. If cracks are not yet visible, the support fitting must be exchanged in any case by April 1, 1987.

Reason: On three ASK 21s which each have flown more than 1300 hours and more than 6000 take-offs respectively, this support fitting showed cracks or was broken (see Fig.1).

Action:

1. Order a new support fitting from the manufacturer; P/N 99.000.2174.
2. Remove the old support fitting; for this purpose the $\varnothing 4$ mm blind rivets must be drilled off.
3. Measure the position of the $\varnothing 4$ mm rivet holes on the removed fitting and transfer them accordingly onto the new fitting.
4. Install the new fitting and fix the upper pedal guide tube to the fitting using $\varnothing 5$ mm blind rivets.

Material & drawings: See drawing 99.000.2174.
2 (two) $\varnothing 5$ mm blind rivets, 8 mm long, made from aluminium alloy.

Mass and C.G.: Neglectable.

Notes: The exchange of the fittings can be accomplished by a qualified person. The accomplishment of the action must be certified in the glider logbook and in the inspection certificates by an aviation inspector holding an appropriate license.

Poppenhausen, October 22, 1986

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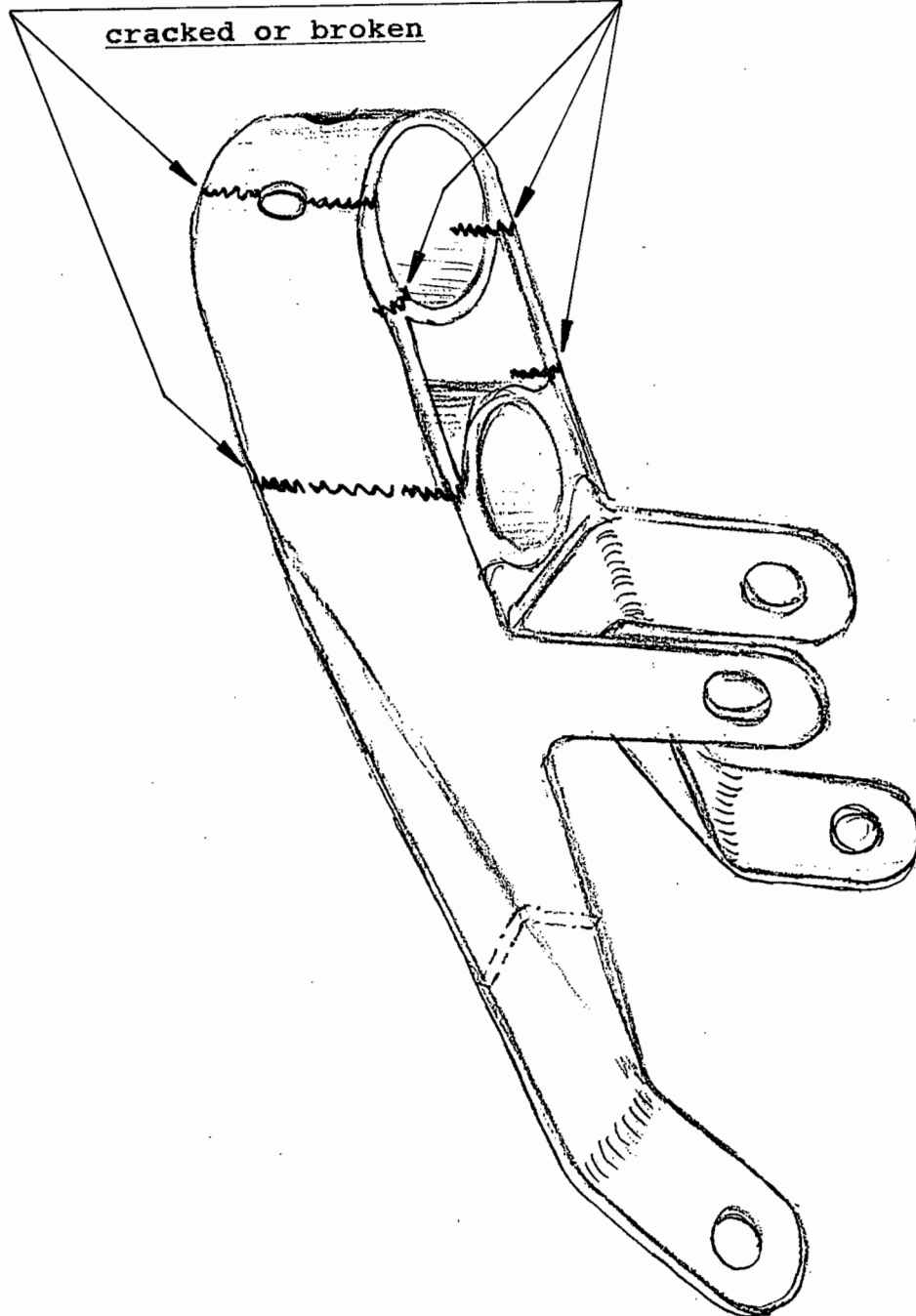
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The German original of this Technical Note has been approved by the LBA under the date of Oct.29, 1986 (signature: FRIEß). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

Fig. 1

angerissen bzw. durchgebrochen

cracked or broken



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