

Subject: Cracks in the bonding of the wing root rib

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

Urgency: Action 1 "Inspection for Cracks" until 31.12.2019 at the latest, afterwards annual
Actions 2 and 3 if necessary

Reason: Inspection for cracks in the bonding of spar and wing shell (in the area of the root rib), resp.
root rib and repair of the bonding, if necessary

Action: 1. Inspection for cracks
Inspect the bondings between the wing root ribs and the wing spar or respective wing shell
for cracks according to the working instruction 210.90.9016.

2. Assessment and repair of cracks
If cracks were found during the inspection under action 1 an assessment and, if required,
the repair has to be done according to the working instruction 210.90.9016.

Material and Drawings: 210.90.9016 Working instruction "Inspection and repair of cracks in the bonding of
the wing root ribs"

Mass and Balance: The change in mass and C. of G. position is negligible.

Notes: The inspection have to be considered as a pilot-owner maintenance task regarding aviation
law. The respective regulations must be applied.
Possible repairs have to be considered as a complex maintenance task regarding aviation
law. The respective regulations must be applied.

Poppenhausen, 07.08.2023

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i.A. 
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This Technical Note bases on a change, which was approved by EASA under the minor change approval EASA
10082506.