

SHEET:
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ASH 25 E
Technical Note
No. 1

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Subject: Improvement mod to the spar caps.

Serial number applicability: ASH 25 E, powered sailplane, serial no. 25077. This is factory-standard as of serial no.25098.

Compliance: None.

Reason: The stress analysis of the ASH 25 showed that the thickness of the spar caps at $y = 1,5$ m was slightly thinner than intended. In fact this was taken into account when calculating the safety factors and is covered, but it means a reduction of the safety factors at this area.

Action: In order to obtain a more even distribution of the spar cap stress this area was thickened in the spar cap mold.

Material & drawings: The change to the spar caps was entered into the drawing "Spar Inner Wing" 221/250.51/52.S5, Sheet 1.

Mass and C.G.: Negligible.

Notes: This modification is only applicable to new constructions.

Poppenhausen, March 6, 1990

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(Dipl.Ing. Martin Heide)

The German original of this Technical Note has been approved by the LBA under the date of April 24, 1990 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

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