

**ASW 27 & ASW 28**  
Repair Instruction for cockpit area  
following belly/gear up landings

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**Subject:** Damage of the fuselage in the overlap joint area because of belly landings with retracted landing gear.

**Serial number applicability:** All ASW 27, Document No. 389;  
All ASW 28, Document No. 423

**Reason:** Repairs in the cockpit area near the overlap joint of the fuselage : Replacement of the Dyneema/ Carbon hybrid weave CCC-Style 681 by pure glass fibre tissue is uncritical for the crashworthiness design of the cockpit.

**Action:** When the damage of the Dyneema/ Carbon hybrid weave in the area of the fuselage overlap joint area is small, i. e. about 100 x 50 mm (4 by 2 inch), one layer of glass fibre tissue style 92140 (8.4554.6) may be used as a replacement. As the Dyneema fibre does not allow a proper scarf joint, a 40 mm wide overlap joint must be provided.

Amend this Repair Instruction to the Annex of the Repair Manuals for the ASW 27 and ASW 28.

**Material and drawings:** See fuselage layer scheme (Rumpf - Laminierplan) 270.11.9002 or 280.11.9002 respectively and chapter „Action“ above.

**Notes:** A repair has to be done according to the instructions given by the Repair Manual by a person competent for such work.

Poppenhausen, Dec. 17, 2001

**Alexander Schleicher**  
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by order  
(Lutz-W. Juntow)

The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.