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
GmbH & Co.

by order
(Lutz-W. Jumtow)

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