

AIRWORTHINESS DIRECTIVE

89-115 Schleicher

Date of issue:

6. JULI 1989

Affected sailplanes:

German Type Certificate No. 259

ASW 12 all gliders

German Type Certificate No. 282

ASW 17 all gliders

Subject:

Wing spar

Reason:

Following penetration of water into the spar interior it is possible that under certain conditions a wood destroying mould fungus develops in the spar inside. This mould fungus may affect and destroy the balsawood spar webs and the plywood blocks of the spar to such an extent that the supporting function of the spar webs is no longer sufficient. This may lead eventually to the premature failure of the wing.

Action:

In accordance with the appropriate Technical Note the wing spar must be visually inspected for penetrated moisture, mould fungi and/or swelling up! Mould fungi attack shows as discoloration of the wood into blue, brown or grey hues or as white mold fungi in lumpy shape or in cobweb-shaped, but irregular threads.

Compliance:

ASW 12.

Action as per point 1.1 through 1.4 of Technical Note, prior to July 31, 1989. All further action before December 31, 1989, at the latest.

ASW 17.

Action as per point 1.1 through 1.3 of Technical Note, prior to July 31, 1989. All further action before December 31, 1989, at the latest.

Technical publications of the manufacturer:

Alexander Schleicher, ASW 12 Technical Note No. 4 of May 10, 1989 and

ASW 17 Technical Note No. 12 of May 8, 1989

which become herewith part of this AD and may be obtained from Messrs.

Alexander Schleicher GmbH & Co. Segelflugzeugbau, D-6416 Poppenhausen, Wasserkuppe, Federal Republic of Germany.

Accomplishment and log book entry:

The "Action points 1.1 thru 3.2" must only be carried out by the manufacturer or a technical aviation service station holding an appropriate license.

"Action point 4." can be carried out by the owner.

The accomplishment of this AD must be certified by a licensed inspector in the glider's inspection documents and in the log-book.