

- Subject:** New resin system for laminating glass, carbon, and Aramid fiber cloth
- Applicability:** All AS aircraft - sailplane and powered sailplane types - for which resin laminating systems are used.
- Compliance:** None.
- Reason:** The resin manufacturer Martin G. Scheufler has developed a laminating resin L 335 with the hardeners H 335, H 335 - 340 and H 340 which can be used instead of the resin system Epikote 162 with hardeners Epikure 113 or Laromin C 260 respectively. Production of the resin system Epikote / Epikure will be discontinued.
- This laminating resin system is qualified by the tests as prescribed by the Luftfahrt-Bundesamt (LBA) in the Guidelines for Resin Fiber Composite Structures (German: RHV) and has been certified by the LBA for the aviation industry.
- Action:** For all fiber composite components which were built using the resin system Epikote 162 with hardeners Epikure 113 or Laromin C 260 respectively, now the laminating resin L 335 with the hardeners H 335, H 335 - 340 and H 340 can be used when the components are new built or repaired.
- Spars **must not** be repaired or new built with the laminating resin L 335 and the hardeners H 335, H 335 - 340 and H 340. In case of doubt it is required to contact the company Alexander Schleicher.
- Components which have been repaired or new built with the resin L 335 must be cured for 15 h at a temperature of 55 - 60 C°.
- This TN must be inserted as annex into the AS Repair Manual.
- Notes:** The resin system L 335 can be obtained from :  
Alexander Schleicher GmbH & Co.  
P.O. Box 60  
D-36161 Poppenhausen/Wasserkuppe  
Tel 06658 - 890 or Fax 06658 - 8940 or email AS-sailplanes@Fulda.net

Poppenhausen, March 12, 1999

**Alexander Schleicher**  
GmbH & Co.

by order

(Lutz-W. Juntow)

The German original of this Technical Note has been approved by the LBA under the date of March 16, 1999, (signature: JUNG ). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.