

Swiss Mods

H. G. Schmid of Switzerland has just started his O-235 to O-320 Long-EZ conversion. He has a much more difficult problem than we do in such conversion as he must be very noise conscious.

The Swiss FAA is requiring him to run mufflers. Presently, it appears he will have to route the exhaust stacks out on top of the upper cowlings and attach mufflers there. It will be interesting to see how all this is done as I feel the U.S. will, someday, be requiring such noise limitations also.

H. G. is very satisfied with his baggage pods as well as the Klaus Savier wheel pants. He was not always satisfied with the Muhlbauer electric prop, however, so a fixed pitch wooden prop will be on the O-320.

He is looking into installing an oil cooler type heating system in the nose but needs an engineering report by an approved DER to get approval. If any of you have access to such reports I feel H. G. would appreciate getting it.

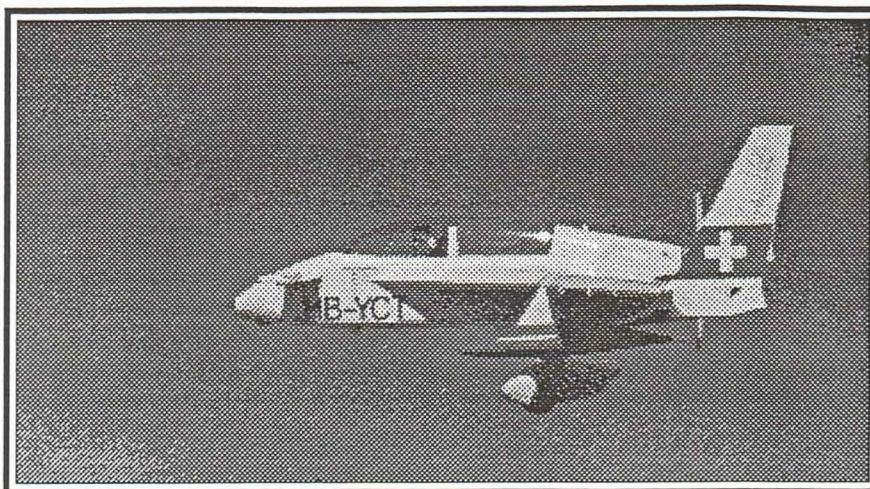
If you ever feel our FAA requires too much paper work consider it took 50 pages of paperwork to approve H. G.'s baggage pods.

Clark Foam & Vacuum Bagging

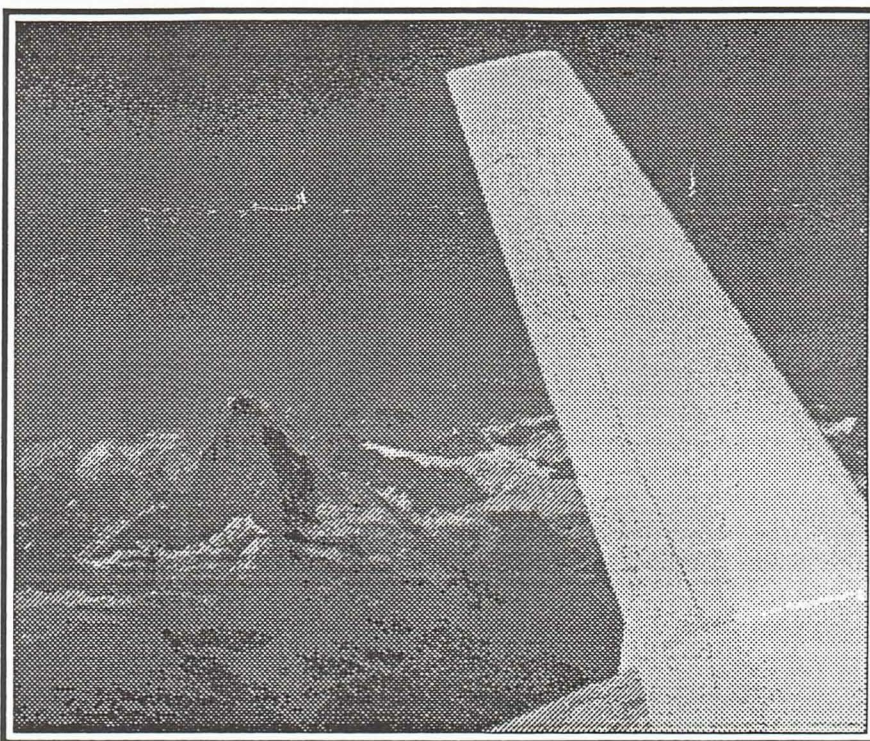
At an Oshkosh forum on composite material I learned Clark foam is no longer available for aircraft use. The speaker, from Alexander Aircraft, suggested you might substitute Glastafoam. (The spelling might not be correct on this as I've not heard of it. The speaker was too hard to get to after the forum for me to verify the spelling.)

He also talked a little about vacuum

H. G. reports he painted his baggage pods after severe encounters of the third kind. (Mirage, Phantom, Hawker Hunter . . .)
They also act as anti-collision devices.



Long-EZ HB - YCT passes the famous Swiss Matterhorn.



bagging to improve layup quality and made some low cost tips I found interesting.

To remove excess resin from the layup a bleeder cloth made from old carpet padding or burlap may be layed over the peel ply. The vinyl plastic sheeting used to cover the

layup may be cut from a plain garbage bag. He further suggested using 20" of vacuum (7 psi pressure) when vacuum bagging layups. Some people have used more pressure and sucked the resin right out of the layup. Less than 5 psi does not get all the excess resin out of the layup, however.