

# Scale Soaring UK

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## Old Gliders SZD-22 Mucha 1/4 Scale

<https://scalesoaring.co.uk/phpBB3/viewtopic.php?f=12&t=2769>

### Re: Old Gliders SZD-22 Mucha 1/4 Scale

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by **Psdudley**

Posted: **17 Oct 2019, 03:23**

Okay, here's a cool method for hinge slotting- I ground down a blade for my Fein multi-sander, which has saved many a furniture or cabinet job in its life. An angled block of maple trimmed to just the right height makes a stable and repeatable guide for the blade, and voila! Perfectly angled (almost perfectly!) slots ready for hinges! The full length of the hinges actually poked out the other side, but were easily trimmed flush for gluing after the covering went on.





## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **17 Oct 2019, 03:16**

Next batch, from June: Shaping leading edges with a little block plane, The sanded fuse with test-covered rudder, then fitting wing root blocking, and some glass work after sanding.





## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **17 Oct 2019, 03:10**

Mark, yours looks great! Here's some more progress shots, from late April and into May, planking, shaping, lots of pins. I used a deburring tool after trimming the joiner tubes to final length. It's a cheap and simple tool, but once you've used one you'll wonder how you lived without it! I buried as much lead in the nose plug as I could around the tow release. Not nearly enough, but a good start.





## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Mark Wilcockson**

Posted: **14 Oct 2019, 16:53**

Some photos







## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Mark Wilcockson**

Posted: **14 Oct 2019, 16:47**

I built the Old Gliders quarter scale Mucha for a review in QEFI. Easy to build and flies even better. I still fly it on a regular basis.

Enjoy

## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **paulj**

Posted: **14 Oct 2019, 10:40**

Looking great - many thanks for sharing!

## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **14 Oct 2019, 03:25**

Late March, beginning fuselage planking, rudder blocking, noseblock and tow release. Sheeting the fin, Doublers on the skid, etc.





## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **14 Oct 2019, 03:10**

Mid-February, binding spar boxes, d-tube sheeting, cap strips, and a view of the bottom before

sheeting.



## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **14 Oct 2019, 03:04**

Early February, first trial assembly. It's huge!(biggest plane I've built in my 40 years of flying!  
Needless to say, not a lot of furniture work happening in the shop at this moment...





## Re: Old Gliders SZD-22 Mucha 1/4 Scale

by **Psdudley**

Posted: **14 Oct 2019, 02:58**

January still, more wing parts, aileron spars, servo layout and spoiler fitting. Lots of little ribs to make the ailerons nice and stiff. Shear webs added on either side of the spars, not yet at the root. Lots of pins!





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