

Message started by swarrans on 10. Dec 2011 at 11:13

Title: **1/3rd Scale Fox Interior**

Post by **swarrans** on **10. Dec 2011 at 11:13**

I've been meaning to build an interior for my Purbeck Fox ever since I had it and have finally got round to it.
It doesn't bear comparison to some of the amazing interiors I've seen but I wanted to do it all myself and not spend a fortune.

I made the seats by laminating 3 layers of glass around a tin of paint and then cutting them to shape and making a frame with ply. Here they are after I've painted them with "stone effect" paint



The front and rear instrument binnacles I made by carving lumps of foam to (about!) the right shape and then glassing them. I drew the panels themselves by scaling photographs and doing a CAD drawing. Luckily my local school has a laser cutter that I can use so they were cut from perspex direct from the CAD drawing. The instrument jewels are thinner so that they give a 3D effect. The instruments themselves are just prints from photographs stuck to the back of the lenses. Unfortunately I couldn't find any really high quality ones (without paying!) so they are a little blurry.



Here's a picture of the front binnacle and seat in situ:-



And one of the rear:-



Both together:-



And finally with the (cheap!) pilot seated and ready to fly!



I enjoyed doing it in the end and it cost almost nothing except for the pilot and whilst it's not super accurate it only took me a week and looks better (I think) than having no interior at all.

Regards

Simon

Editor note:- I had one of those, and he melted.....

Title: **Re: 1/3rd Scale Fox Interior**
Post by **stephen spittle** on **11. Dec 2011 at 10:00**

Hi
looks great, is there any chance of a close up of the hinge system please

stephen

Title: **Re: 1/3rd Scale Fox Interior**
Post by **swarrans** on **11. Dec 2011 at 10:06**

Stephen Spittle wrote on 11. Dec 2011 at 10:00:

Hi
looks great, is there any chance of a close up of the hinge system please

stephen

Do you mean the canopy struts Stephen? I didn't do that bit and I'm not sure I could get better pictures of it than these but I'll try if you like..

Simon

Title: **Re: 1/3rd Scale Fox Interior**
Post by **Jolly Roger Brown** on **11. Dec 2011 at 11:04**

I think that creates a great overall effect Simon and there's that extra satisfaction knowing you did it yourself. :) Like many members here I guess, I cut my teeth on Airfix kits and I still get a kick trying to make things look realistic.

Rog

Title: **Re: 1/3rd Scale Fox Interior**
Post by **stephen spittle** on **11. Dec 2011 at 23:05**

Yes the opening hinges,im always interested in how poeple do this

Title: **Re: 1/3rd Scale Fox Interior**
Post by **swarrans** on **13. Dec 2011 at 12:05**

Stephen Spittle wrote on 11. Dec 2011 at 23:05:

Yes the opening hinges,im always interested in how poeple do this

Here's a couple of pictures showing the canopy hinge and the closing system - it works really well but is also simple. I'm not sure where the original builder got the "gas" struts from but they are very nice and work well (albeit a bit large to be scale!).





Regards

Simon

Title: **Re: 1/3rd Scale Fox Interior**
Post by **stephen spittle** on **13. Dec 2011 at 14:32**

Thanks for that

Title: **Re: 1/3rd Scale Fox Interior**
Post by **swarrans** on **18. Dec 2011 at 09:38**

I need to make some buckles and harnesses and in keeping with my penny-pinching approach don't want to spend the £30 it appears I would have to pay for ready made 1/3rd scale bits.

Can someone provide the following information for a full size glider seat harness please? (assuming it is relatively standard)

1. Width of seat belt webbing
2. Diameter of the buckle where the 4 or 5 point belts attach

Many thanks

Simon

Title: **Re: 1/3rd Scale Fox Interior**
Post by **swarrans** on **22. Dec 2011 at 11:10**

I decided to just go ahead and use some lipo straps I had lying around for the seat belts (63p each!) and then I made a release clasp from a bit of thin aluminium sheet and perspex cut/glued and painted gold. It's a bit too big for scale but what the hey!





Need to make a proper joystick next and then I'll leave it at that and just fly the thing! (assuming the wind ever swings round to SW)

Simon