

Scale Soaring UK

The forum for all your modelling requirements relating to scale gliders
<https://scalesoaring.co.uk/phpBB3/>

4.4 meter MDM fox-BC Sorting

<https://scalesoaring.co.uk/phpBB3/viewtopic.php?f=12&t=1539>

Re: 4.4 meter MDM fox

by **roo Hawkins**

Page 1 of 1

Posted: **19 Apr 2019, 14:22**

Thanks all the nice words.



I have now managed to add the graphics light work.

Re: 4.4 meter MDM fox

by **Barry_Cole**

Posted: **03 Apr 2019, 16:03**

Get well soon.



BC

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **03 Apr 2019, 13:13**

Thanks guys the op is for a damaged groin from windsurfing a few years ago. 6 days to go.

Re: 4.4 meter MDM fox

by **B Sharp**

Posted: **02 Apr 2019, 09:45**

Get well and stay well mate.

Brian 😊

Re: 4.4 meter MDM fox

by **RobbieB**

Posted: **01 Apr 2019, 23:43**

Good luck Roo (having epoxy glass surgically removed by any chance.....?)

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **01 Apr 2019, 18:46**

Looks very nice Roo.

Get well soon 🙏

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **01 Apr 2019, 18:02**

Wings covered Plan to leave for a bit as I am having a small operation in hospital so will be recovering for a bit.



Get well soon 🙏🙏

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **21 Mar 2019, 16:14**

Tips done airbakes fitted ready for filling and sanding.



Tips done airbakes fitted ready for filling and sanding.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **20 Mar 2019, 18:54**

Veneered



wings

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **19 Mar 2019, 20:04**

Carbon leading edge and bottom veneer done.



Will do top veneer tomorrow.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **11 Mar 2019, 19:03**

A bit more work done.





I have managed to save the spars and joiners from the old wing

Re: 4.4 meter MDM fox

by **Barry_Cole**

Posted: **06 Mar 2019, 19:38**

Barry_Cole wrote: ↑28 Dec 2018, 22:46

I plan to start cutting the wings the same time as I cut the Grob wings .

Tomorrow.....



BC

Or maybe in two months time...

BC

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **06 Mar 2019, 18:45**

Started to cut



new set of wings

Re: 4.4 meter MDM fox

by **Barry_Cole**

Posted: **28 Dec 2018, 22:46**

I plan to start cutting the wings the same time as I cut the Grob wings .

Tomorrow.....



BC

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **28 Dec 2018, 21:35**

Thanks guys. Hopefully it maybe done sometime at the end of the year. I have outhter gliders to do first I am just doing bits on it when I have space between builds. I plan to start cutting the wings the same time as I cut the grob wings .

Re: 4.4 meter MDM fox

by **B Sharp**

Posted: **28 Dec 2018, 17:44**

Good work Roo. I told you it was fixable! 😊

Will it be ready for a maiden at Buckminster again. 😊 😊

Brian.

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **27 Dec 2018, 20:24**

Looks super Roo.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **27 Dec 2018, 19:24**

Canopy finished just



now need a pair of wings.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **18 Dec 2018, 14:02**

I pulled a new canopy this



week and started the frame.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **08 Nov 2018, 13:32**

Fuz is now repaired



and painted

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **25 Sep 2018, 16:56**

Thanks terry for your suggestions. But I still do not know if I am rebuilding it yet. I am using some old epoxy up that I have. . I have outhr gliders like my pt asw 20 and a 1/3 scale ash 31

to finish first. The Fox if I carry on will be done in between jobs. And when there spare time so not in a hurry to do.

Re: 4.4 meter MDM fox

by **terry white**

Posted: **25 Sep 2018, 15:37**

Hi Roo, As I mentioned in our Facebook discussions, Why fly your plugs when with a little more work (at the rate that you work) you could make a mold from it then make as many as you wish. Then a disaster become just a mishap and you may also sell a few. 😊

So my suggestion for what its worth is to repair the fox fus to a plug value only. I.E. don't worry about added weight and make it strong to help its release from the mold. Use the rest of your saved time to make a quality mold. Then applying any alterations needed having learnt from the first model make a superb second and subsequent models.

Im sure Cliff Evens will put his name down for one maybe two. 😊

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **25 Sep 2018, 14:29**

Glassed the outside



of the Fox today.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **19 Sep 2018, 18:15**

Yes

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **19 Sep 2018, 17:21**

I have been looking at this egg shell for a few months. I have decided to have a go and rebuild it. The fuz I think I can rebuild.





The rudder and tail are OK. But the wings have to be binned. I am fixing the fuz first then I will decide if I want to carry on. It will be at the back of my build pile so may be a long time if it does fly again. I must be mad.

Re: 4.4 meter MDM fox

by **jimbo**

Posted: **17 May 2018, 09:13**

Sorry to hear about your crash. It must be a 2018 thing, i put mine in a few weeks ago, flying in a 40mph wind, foxes dont crash lightly, mine is also bad but im going to attempt to repair it, it needs a wing box repair, a new wing tip, new joiner, fuze repairs, new canopy. Whose gonna be the third?

Re: 4.4 meter MDM fox

by **Nigel Argall**

Posted: **16 May 2018, 18:21**

Drew, so, SO sorry to see the demise of the Fox - I don't expect models to last forever but it is nice to get a few fights in before a 'major'. My old model shop proprietor used to say 'there are two sorts of modellers, those that have crashed and those that are going to crash' - actually I think we are all in the latter category. It is easy to forget when you haven't had a bad one for a while that nature does not give up flight easily and we are always one weak link away from a crash. Mick Reeves has written models off on the first flight so it can happen to the best. I think the wisdom of putting the broken bits away for a while is commendable - get some distance from the event and you may well feel like resurrecting it. As others have said, well done for your commendable attitude to the whole thing.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **16 May 2018, 16:34**

That was not nice, but it did move well before hitting the ground!

Re: 4.4 meter MDM fox

by **John Vella**

Posted: **16 May 2018, 09:54**

That is not that funny Cliff.

Re: 4.4 meter MDM fox

by **terry white**

Posted: **15 May 2018, 21:50**

Hi Roo, takes a man to admit his mistake for all to see. We have all heard "it was radio failure, I was shot down, I was flying some one else's model, but very few it was my own mistake, I will have to up my game. Respect from me Roo.
See you at M.W. I hope. Ter

Re: 4.4 meter MDM fox

by **Antonia**

Posted: **15 May 2018, 13:45**

So sorry to hear of this Roo, been there.... got the tee shirt... my heart goes out to you 

Hopefully see you at MW this weekend

Re: 4.4 meter MDM fox

by **chris williams**

Posted: **15 May 2018, 13:03**

Bad luck, Roo...it's worth remembering that the forces on the control surfaces increase with the square of the airspeed (I read it somewhere)

Re: 4.4 meter MDM fox

by **Simon WS**

Posted: **15 May 2018, 12:48**

Yes it was horrible to see it in person Roo and it was going at a hell of a lick when the horn broke. As you say, a learning experience - the huge size of the Fox elevator coupled with the speed it can travel at are going to put enormous loads on the horn. Whilst the loads won't be the same on your DG and ASW I think you are absolutely right in replacing them with something more substantial.

RIP Foxy...

Simon

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **15 May 2018, 12:21**

Thanks guys for the kind regards but it is my mistake by skimping on the fittings. So I have to up the game a bit. So I am replacing the fittings on the dg 800 and the asw 27 ready hopefully for middle wallop .some times you have to learn the hard way. I am not planning to build it again as I want to build something else instead. Simon w Smith did say keep it for a bit and look at it later maybe in a year or two. I am not gutted more p. about my own stupidity. 8 glass gliders in 4 years and the first one not to work. So have to look on the bright side. Roo

Re: 4.4 meter MDM fox

by **terry white**

Posted: **15 May 2018, 11:54**

Sorry to hear that Roo, Devastating.

Re: 4.4 meter MDM fox

by **John Vella**

Posted: **15 May 2018, 10:51**

Terrible end for a stunning looking Fox, and especially after all your work Roo. Comiserations from John.

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **15 May 2018, 09:52**

What a shame Roo, it really looked the part.
Are you going to try again?
Peter

Re: 4.4 meter MDM fox

by **Martynk**

Posted: **15 May 2018, 09:04**

oh no. 🙄

that must be soul destroying for you Roo

So sorry

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **14 May 2018, 20:25**

Bad news the maiden did not go well. I have to admit that it is all my fault by filling a substandard horn on the elevator that gave way 5 m after release. It is beyond repair. So will have to do better.



Fox R.I.P. but at least the asw 27 works.

Re: 4.4 meter MDM fox

by **catwok**

Posted: **14 Mar 2018, 21:03**

Nice work Rooster! Keep in touch about your Mynd trip!

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **13 Mar 2018, 20:42**

It looks good Roo,
Is it the Devils ship 666 😈

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **13 Mar 2018, 13:06**

Looks great Roo,
Good luck with the maiden flight.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **13 Mar 2018, 12:30**

Nearly finished about 1 to 2 weeks work to do.



Only small stuff to do so this is the last build post before the maiden . all up weight is 12 kg.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **05 Mar 2018, 16:21**

thanks Roger,Rob,Phill, simon and mark. just ordered the coloured vinyl so will be finished in 2 to 3 weeks with luck . ROO 😊😊

Re: 4.4 meter MDM foxby **Jolly Roger**Posted: **01 Mar 2018, 14:14**

Hey Roo,

Yeah I love how you crack on with your builds and your enthusiasm is tangible. I'm also guilty of being one of the many modellers that enjoy and learn from your threads but often don't quite get round to saying thanks. So.... "thanks!"

Good luck for the first flight.

Rog

Re: 4.4 meter MDM foxby **Mark Richards**Posted: **01 Mar 2018, 11:53**

Hi Roo,

Thanks for posting this build thread, full of interesting stuff and truly inspirational - even for an ardent balsa basher like me!

Looking forward to seeing it in the air when the fields turn green again.

All the best,

Mark

Re: 4.4 meter MDM foxby **Phill Tadman**Posted: **27 Feb 2018, 20:02**

Great stuff Roo!

Looking forward to seeing it fly.

Phill

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **27 Feb 2018, 12:16**

Thanks Rob and Simon. It has been one step back this week as I have been having problems with the air brakes. So I have ripped them out and rebuilt them and are now working. Hopefully will maiden at the end of march or in April .

Re: 4.4 meter MDM foxby **Simon WS**Posted: **25 Feb 2018, 23:12**

Ditto and when are you going to maiden it Roo?

Simon

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **22 Feb 2018, 15:27**

Work has been slow this last 2 weeks



but all the servos are fitted and some of the cockpit has been done.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **10 Feb 2018, 19:19**

Sprayed



Sprayed

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **10 Feb 2018, 19:17**



Seats made out pvc foam and glassed

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **22 Jan 2018, 18:44**

Eh up me fox!

Looking good Roo

Re: 4.4 meter MDM foxby **Peter Balcombe**Posted: **22 Jan 2018, 11:04**

Well done Roo.

I'm sure it will fly as good as it looks.

Peter

Re: 4.4 meter MDM foxby **terry white**Posted: **21 Jan 2018, 22:02**

Looking good Roo,cant wait to see it in the flesh, Cheddar or M.W. perhaps. Ter

Re: 4.4 meter MDM foxby **B Sharp**Posted: **21 Jan 2018, 17:23**

Looking good Roo, now for the colour?

Brian. 😊

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **20 Jan 2018, 18:47**

Some more photos. Still a lot of work to do need to fit servos and related plus pilot and cockpit.



I was going to do the citizens logo but the guy doing it is ill so I may do a simpler logo then change it later?????

Re: 4.4 meter MDM fox

by **catwok**

Posted: **20 Jan 2018, 02:54**

My wings are veneered with antique oak laminate flooring and were quite dark though! 😊

Re: 4.4 meter MDM fox

by **B Sharp**

Posted: **19 Jan 2018, 23:15**

I applied white vinyl directly onto the wings of my ASW20 from the PTM kit and I have often been complimented on it's glassed finish! I did spend a bit of time fine sanding the veneer but there was no need to coat the bare wood. I used a good quality automotive (laid) vinyl but it was still cheaper than "oracover".

Brian. 😊

Re: 4.4 meter MDM fox

by **catwok**

Posted: **19 Jan 2018, 20:09**

Like Mr Roo said, it is necessary to put a base coat of white on the veneer to hide the grain. I did it with water based emulsion, 1 applied 2 thin coats & rubbed down between each coat. I then gave it a coat of gloss varnish as the vinyl sticks better to a smooth, shiny surface.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **19 Jan 2018, 17:07**

I have used vinyl in the past, which I got from my friend who does van signs and covers. It's a bit heavier but a very good hard wearing finish , and not too expensive

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **19 Jan 2018, 14:48**

hi peter the wings are glassed for added strength only but if you do use vinyl you do need to paint the wings first has the vinyl will show any dark bits like filler and different coloured woods ect .plus it helps it to stick has it is no very good sticking to wood. also your wing needs to be near perfect has it will show any bumps and imperfections . I use a dark wood dye or acrylic white household paint then sand it down flat. do not use water based emulsion paint as this can delaminate the veneer from the foam if a latex glue has been used it did happen to me. the vinyl I use Ri-mark brand it is the cheapest brand out there it costs me £9 for 5 meters or £ 17 for 10 meters inc posting from ebay the ebay shop I use is zoom sign supplies. it is very quick to put on two people helps .you need to cut it a lot larger than you would with heatshrink film has once you lay it on the wing you will not be able to remove it to reuse it again. I press it down from the middle out wards to remove the air with cloth . if the viny lifts you can heat it up with a hairdryer but do NOT use a heat gun . you can stretch it around tips with a small amount of heat but you can not shrink it. I thnk it is alot lighter than paint and is a lot more durable than film plus I thck the finish is better than profilm. I have covered 7 gliders in it with no probs. ri-mark film is a good match to glass fuselarges. paul watkins has coverd his dg 800 in it plus brian sharp covered his pt asw 20 in vinyl and did a excellent job and you can not tell it from glass . he may give some imput. hope that helps ROO 😊😊😊

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **19 Jan 2018, 00:16**

Roo,

Maybe I will have to try using vinyl on my modern glider wings then.

It sounds as if you glassed & primed the wings (as if to prepare for painting) & then put the vinyl on. Is that correct?

Looking at the vinyl application method described in the glass model hints & tips section, the vinyl appears to be fairly cheap & straightforward to apply, unless there are hidden pitfalls waiting to catch the New Member.

Do you think the vinyl is heavier than a couple of paint coats?

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **18 Jan 2018, 23:33**

Yes Peter the wings are in vinyl as well

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **18 Jan 2018, 20:34**

Roo,

Very nice indeed.

Is the wing covered in vinyl, or just the tailplane?

Peter

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **18 Jan 2018, 17:41**



Work now restarted now I almost have two hands to work with. I have started to fit out the fuz push rods wheel plus canopy. The wings and flappy bits have been also covered.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **18 Jan 2018, 00:36**

catwok wrote: ↑17 Jan 2018, 22:13

Could be the season for many maidens!

Don't count on me, too old to catch one 😊

Re: 4.4 meter MDM fox

by **catwok**

Posted: **17 Jan 2018, 22:13**

Could be the season for many maidens!

Re: 4.4 meter MDM fox

by **Barry_Cole**

Posted: **17 Jan 2018, 19:26**

Don't you guys know that fox hunting has been banned????????????????



BC

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **17 Jan 2018, 18:54**

hi guys mayby we should have it in leicestershire the home of fox hunting at the b.m.f.a.n.f.c

ROO 😊😊

Re: 4.4 meter MDM fox

by **terry white**

Posted: **17 Jan 2018, 17:12**

Excellent idea Simon, I'm all for it, we could call it the fox hunt.!! Terry

Re: 4.4 meter MDM fox

by **Simon WS**

Posted: **17 Jan 2018, 09:36**

Looking fabulous - maiden plans? Perhaps we should try and get together with a bunch of Foxes of different sizes?...

Simon

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **16 Jan 2018, 22:25**



Thanks cliff. I have just covered the last bit in vinyl

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **16 Jan 2018, 14:01**

Work now restarted now I almost have two hands to work with. I have started to fit out the fuz push rods wheel plus canopy. The wings and flappy bits have been also covered.

Re: 4.4 meter MDM foxby **Geoff Pearce**Posted: **18 Dec 2017, 19:02***john greenfield wrote: ↑18 Dec 2017, 10:21**roo Hawkins wrote: ↑16 Dec 2017, 16:29*

Not much work done the last 4 weeks because of a hand out of action has I had a accident with a battery screw driver in the workshop. 🙄🙄 Today I managed to paint the fox and asw 27 lucky I can spray with one hand should be back in action after Christmas.

Roo

Glad to hear I am not the only one with a hand out of action !!!?

Merry Christmas

AEB

Sorry to hear your hand is still giving you grief. I'm sure when you need paying for Cheddar and Binham we can use the good hand 😄😄😄😄

Have a good Christmas

Geoff

Re: 4.4 meter MDM foxby **john greenfield**Posted: **18 Dec 2017, 10:21***roo Hawkins wrote: ↑16 Dec 2017, 16:29*

Not much work done the last 4 weeks because of a hand out of action has I had a accident with a battery screw driver in the workshop. 🙄🙄 Today I managed to paint the fox and asw 27 lucky I can spray with one hand should be back in action after Christmas.

Roo

Glad to hear I am not the only one with a hand out of action !!!?

Merry Christmas

AEB

Re: 4.4 meter MDM foxby **Geoff Pearce**Posted: **16 Dec 2017, 20:32**

The picture makes it look proper dumpy!

Is there any runs ? Good work Roo one handed, keep your finger moist 😄😄😄😄😄😄😄😄😄



G

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **16 Dec 2017, 16:29**

Not much work done the last 4 weeks because of a hand out of action has I had a accident with a battery screw driver in the workshop. 🙄🙄



Today I managed to paint the fox and asw 27 lucky I can spray with one hand should be back in action after Christmas.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **29 Nov 2017, 14:25**

maybe you need to buy a very large block of foam and some epoxy 😊

Re: 4.4 meter MDM fox

by **Simon WS**

Posted: **29 Nov 2017, 12:49**

roo Hawkins wrote: ↑29 Nov 2017, 10:35

go on si just buy it. 😊😊

It's the cost of the divorce which would make it extra expensive though!....

Si

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **29 Nov 2017, 10:35**

go on si just buy it. 😊😊

Re: 4.4 meter MDM fox

by **terry white**

Posted: **29 Nov 2017, 01:52**

Hi Simon, I think you should make that swift purchase for a number of reasons:-

- 1) Since the demise of your 29, your launcher appears to becoming more and more flabby in parts due to the want of a good session of weight lifting!! 😊
- 2) Large models suite your stile of flying. 😊
- 3) New season, new model. 😊
- 4) I just might get to fly it 😊
- 5) Buy yourself an early Chrimbo pressy and tell the Mrs that Eric Friend bought it for you. 😊

Regards to Kent, Terry

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **28 Nov 2017, 20:33**

Simon WS wrote: ↑28 Nov 2017, 19:05

roo Hawkins wrote: ↑10 Nov 2017, 18:58

Canopy frames nearly made catches copied from Simon W Smith's fox .

..and a very fine design it is too - courtesy of Terry and Rick!....

(still trying to decide whether to buy that 1/2 scale ASW28!.....)

Si

Yea go on Si , you know you want to , at least for your pilots sake 😊😊😊

Geoff

Re: 4.4 meter MDM fox

by **Simon WS**

Posted: **28 Nov 2017, 19:05**

roo Hawkins wrote: ↑10 Nov 2017, 18:58

Canopy frames nearly made catches copied from Simon W Smith's fox .

..and a very fine design it is too - courtesy of Terry and Rick!....

(still trying to decide whether to buy that 1/2 scale ASW28!.....)

Si

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **28 Nov 2017, 16:51**

Tail flappy bits made ready for sanding. Plus fixing done the end of the tail was 25 mm to long so it was cut off.





I then heated it up with a heat gun till the epoxy went soft then re glassed . I will then fill and sand to shape.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **14 Nov 2017, 19:15**

Rudder



and stab

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **13 Nov 2017, 15:31**

Tail cut



Tail cut

Re: 4.4 meter MDM fox

by **Phill Tadman**

Posted: **10 Nov 2017, 21:08**

Great stuff Roo!

Are you coming out to play on Sunday?

Phill

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **10 Nov 2017, 18:58**

Canopy frames nearly made catches



copied from Simon W Smith's fox .

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **01 Nov 2017, 22:47**

Back windows



cut out

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **31 Oct 2017, 12:40**

Undercarriage fixed



in the also tow hook.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **29 Oct 2017, 20:30**

Looks like Zebedeee with no head 🤪🤪🤪🤪

G

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **29 Oct 2017, 17:56**

Undercarriage



made.

Re: 4.4 meter MDM fox

by **Martynk**

Posted: **19 Oct 2017, 10:05**

Mine is from Wales. Definitely a Dragon.. 🐉

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **18 Oct 2017, 21:53**

hi geoff your wife and my wife are from leicestershire and from the same town so are foxes. 😊
😊

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **18 Oct 2017, 18:17**

Terry loves foxes so much, he married a foxy lady (Linda) 😄😄😄

Re: 4.4 meter MDM fox

by **terry white**

Posted: **18 Oct 2017, 15:00**

'WOW' brilliant work Roo,sure looks like Fox wings to me.I love Foxes, did I ever tell you? Ter.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **18 Oct 2017, 13:25**

Wings are now



sanded and primed .

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **16 Oct 2017, 11:32**

Started to



glass with 100 gm

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **20 Sep 2017, 17:45**

Work is still going on. So far the fuz formers have been fixed and carbon tube for the wing. The

wings have also been filled and sanded.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **13 Sep 2017, 16:31**

All the wings and flappy



bits are now ready for filling a and sanding.

Re: 4.4 meter MDM fox

by **Peter Balcombe**

Posted: **03 Sep 2017, 17:32**

Keep it up Roo. Hope to see you next weekend.
Peter

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **03 Sep 2017, 16:26**

Thanks Terry Geoff and phill for the encouragement . I am really enjoying this build.



I will be hopefully be at m.w not sure what day?. I have just made the air brakes and have also fitted them in to the wings.

Re: 4.4 meter MDM fox

by **Phill Tadman**

Posted: **31 Aug 2017, 19:24**

Great stuff Roo!

Phill

Re: 4.4 meter MDM fox

by **terry white**

Posted: **31 Aug 2017, 18:51**

Hi Roo, I've said it before but I have to say it again, you're speed of build is just amazing. Well done mate.

Are you down for M.W. this time? Ter.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **31 Aug 2017, 17:18**

Looking good Roo

G

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **31 Aug 2017, 15:16**

Thanks mark.



A bit more work done today.

Re: 4.4 meter MDM fox

by **Mark Richards**

Posted: **31 Aug 2017, 13:41**

Great to see the wings made up Roo, nice work.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **30 Aug 2017, 18:52**

Wing skinning finished .



I now have a pair of wings one fuz and canopy 😊😊

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **29 Aug 2017, 12:32**

Bottom veneer finished



and carbon tows for leading edge.

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **26 Aug 2017, 11:43**

Carbon tubes fixed in with carbon then a layer of carbon tape epoxyed along the shear wab 1/2 the length.



Then a ply 1.5 mm web is epoxyed on .when set another length of carbon will be added along the length and then I fix the foam leading edge on.

Re: 4.4 meter MDM foxby **roo Hawkins**Posted: **25 Aug 2017, 19:50**

Wing joiner 18 mm steel and carbon tube.





The tube I could have bought but I made it in the end as I have carbon spare . it was harder than I thought so next time I will buy one.

Re: 4.4 meter MDM fox

by **Martynk**

Posted: **03 Aug 2017, 15:26**

Ho Roo

I may have missed it, but what thickness do you use?

Re: 4.4 meter MDM fox

by **SP250**

Posted: **03 Aug 2017, 12:56**

Thanks Roo

Will give them a call.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **03 Aug 2017, 12:52**

Hi john the ptge is from <http://www.eagleplastics.co.uk/PETG.html>. . and are in Leicester I paid around £13 for 3 sheets of around 2 x 5 foot . I think the price for post is around £10 a bit expensive but if you buy a bulk amount it is worth it. I pick mine up when back in Leicester visiting family.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **03 Aug 2017, 12:52**

Hi john the left is from <http://www.eagleplastics.co.uk/PETG.html>. . and are in Leicester I paid around £13 for 3 sheets of around 2 x 5 foot . I think the price for post is around £10 a bit expensive but if you buy a bulk amount it is worth it. I pick mine up when back in Leicester visiting family.

Re: 4.4 meter MDM fox

by **SP250**

Posted: **02 Aug 2017, 21:06**

Roo

Who supplies the sheet PETG?
Local to you, or mail order?

Cheers John M

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **02 Aug 2017, 18:15**

no vac form it is petg plastic fixed with 4 wood battens and then heated with a gas camping

cooker. it is then pulled over the plug. This was the hardest one I have done and was the second go. I tried to do it in one go but in the end I made it in two parts. ROO 😊

Re: 4.4 meter MDM fox

by **Martynk**

Posted: **02 Aug 2017, 15:01**

Roo

Did you vacform your own canopy? it looks superb

Re: 4.4 meter MDM fox

by **terry white**

Posted: **02 Aug 2017, 14:56**

Brill work Roo.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **02 Aug 2017, 13:37**

The wings are on hold at the moment as I am waiting for carbon to come back in stock at easy composites.



So I have made a start on the canopy's for the fox and asw 27 plus a new one for my dg 800 has I

cracked it at the Baldock aero tow.

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **01 Aug 2017, 19:22**

A they tend to do that.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **01 Aug 2017, 14:40**

Geoff Pearce wrote:

roo Hawkins wrote:

Spar slots now cut. The spars will now be glued in with gorilla grip then a 4 mm ply web will be epoxyed in then a overlay of carbon tape.

What no duck feathers for strength 😄😄😄

Looking good Roo, see you soon

G

no geoff the fox eat them 😄

Re: 4.4 meter MDM fox

by **Geoff Pearce**

Posted: **31 Jul 2017, 17:38**

roo Hawkins wrote:

Spar slots now cut. The spars will now be glued in with gorilla grip then a 4 mm ply web will be epoxyed in then a overlay of carbon tape.

What no duck feathers for strength 😄😄😄

Looking good Roo, see you soon

G

Re: 4.4 meter MDM fox

by **Jolly Roger**

Posted: **30 Jul 2017, 22:27**

Thanks for explaining what you're doing with the photos. Worth a thousand words. 😊

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **30 Jul 2017, 17:57**

Spar slots now cut.





The spars will now be glued in with gorilla grip then a 4 mm ply web will be epoxyed in then a overlay of carbon tape.

Re: 4.4 meter MDM fox

by **steve dowell**

Posted: **27 Jul 2017, 23:28**

ROO DONT STOP POSTING KEEP IT UP MATE

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **27 Jul 2017, 14:14**

jimbo wrote:

roo Hawkins wrote:

Terry the ailerons will be made slightly longer and will be split for flap aileron mix. I have started to make the spars carbon wood . I am this time laminating the carbon tow on to the wood first to get a good fix instead of laying the tow in the foam first then wood.

Purely a flying point of view, my expeience with my 4.2m, airbrakes are sufficent. If you are trying to land on a postage stamp, you wont with a fox, they dont fly slow, except in a 50mph headwind, its a scale approach with a proper touchdown. I would keep the scale look. Cheers,

it will be very near to scale the ailerons are only slightly longer and are split the flap part gives me a option when needed like at aerotows.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **27 Jul 2017, 14:06**

Jolly Roger wrote:

Shaping up nicely Roo.

I can see carbon tows bonded to wood strips. How are these arranged in the wing - are the carbon tows flat and near the top and bottom wing skins, or are they vertical, like a web? I love to know how others do stuff like this.

Rog

the spars are flat on the top and bottom when a 4mm ply web is added and then carbon and glass cloth along the web.

Re: 4.4 meter MDM fox

by **jimbo**

Posted: **26 Jul 2017, 22:12**

roo Hawkins wrote:

Terry the ailerons will be made slightly longer and will be split for flap aileron mix. I have started to make the spars carbon wood . I am this time laminating the carbon tow on to the wood first to get a good fix instead of laying the tow in the foam first then wood.

Purely a flying point of view, my experience with my 4.2m, airbrakes are sufficient. If you are trying to land on a postage stamp, you wont with a fox, they dont fly slow, except in a 50mph headwind, its a scale approach with a proper touchdown. I would keep the scale look. Cheers,

Re: 4.4 meter MDM fox

by **Jolly Roger**

Posted: **26 Jul 2017, 18:07**

Shaping up nicely Roo.

I can see carbon tows bonded to wood strips. How are these arranged in the wing - are the carbon tows flat and near the top and bottom wing skins, or are they vertical, like a web? I love to know how others do stuff like this.

Rog

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **26 Jul 2017, 14:29**

Terry the ailerons will be made slightly longer and will be split for flap aileron mix.



I have started to make the spars carbon wood . I am this time laminating the carbon tow on to the wood first to get a good fix instead of laying the tow in the foam first then wood.

Re: 4.4 meter MDM fox

by **terry white**

Posted: **24 Jul 2017, 18:23**

Hi Roo,are you departing from true scale and fitting flaps to slow it down when landing on the slope,They sure slip on by when you don't want them too. 🙄

What did you think of Simon's Fox at the Mynd the week end? Stunning performance hey. 🤖
Terry

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **24 Jul 2017, 16:13**

The wing panels are now cut . cut out of floormate pink foam this is one of the best foams to cut but is not now available .



I got these sheets from Simon w Smith and was left over from his asg build he only had two sheets left so I did not want to mess the cutting up. The section is HQ 1.5 and rg 14 at the tip.
Thanks Simon 😊

Re: 4.4 meter MDM fox

by **RobbieB**

Posted: **19 Jul 2017, 12:55**

roo Hawkins wrote:

'..... I too think the forum is not being used much if it is not used more, members will stop using it. I already no of 3 members who have stopped posting. I too have cut my posts down down to a lack of feedback. If we do not use it we may lose it. this maybe a subject for a diff thread .'

Another quote from Mark Twain springs to mind: *"The reports of my death are greatly exaggerated."*

Re: 4.4 meter MDM fox

by **Barry_Cole**

Posted: **19 Jul 2017, 11:09**

It always goes a bit quiet this time of year, as people are on holiday, and most building goes on in the Winter.

Keep building and posting Roo, we all like your builds.

BC

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **19 Jul 2017, 10:13**

Hi Simon the fox and the asw 27 builds are both taking a short rest. I have collected my veneer and petg and also the pink foam that I got from you. I too think the forum is not being used much if it is not used more, members will stop using it. I already no of 3 members who have stopped posting. I too have cut my posts down down to a lack of feedback. If we do not use it we may lose it. this maybe a subject for a diff thread .

Re: 4.4 meter MDM fox

by **Simon WS**

Posted: **18 Jul 2017, 12:42**

Looking good Roo!

I'm mainly posting as we observed that there isn't a lot of feedback on the site at the moment so hopefully this will encourage you to keep posting your build threads.
It'll be really interesting to see your Fox next to my Purbeck one....

Simon

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **27 Jun 2017, 18:36**

Fuz now nearly finished.



Fuz now nearly finished.

Re: 4.4 meter MDM fox

by **roo Hawkins**

Posted: **04 Jun 2017, 16:00**

Fuz plug now finshed



will hopefully glass in 2 to 3 weeks time.

4.4 meter MDM fox-BC Sorting

by **roo Hawkins**

Posted: **01 Jun 2017, 15:18**

Started to shape a fox fuz at 4.4 span I think this is just under 1/3 scale?? . I will not post all the fuz build has I do not want to repeat all my other build threads .



so I will post pics when the fuz is finished.

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