

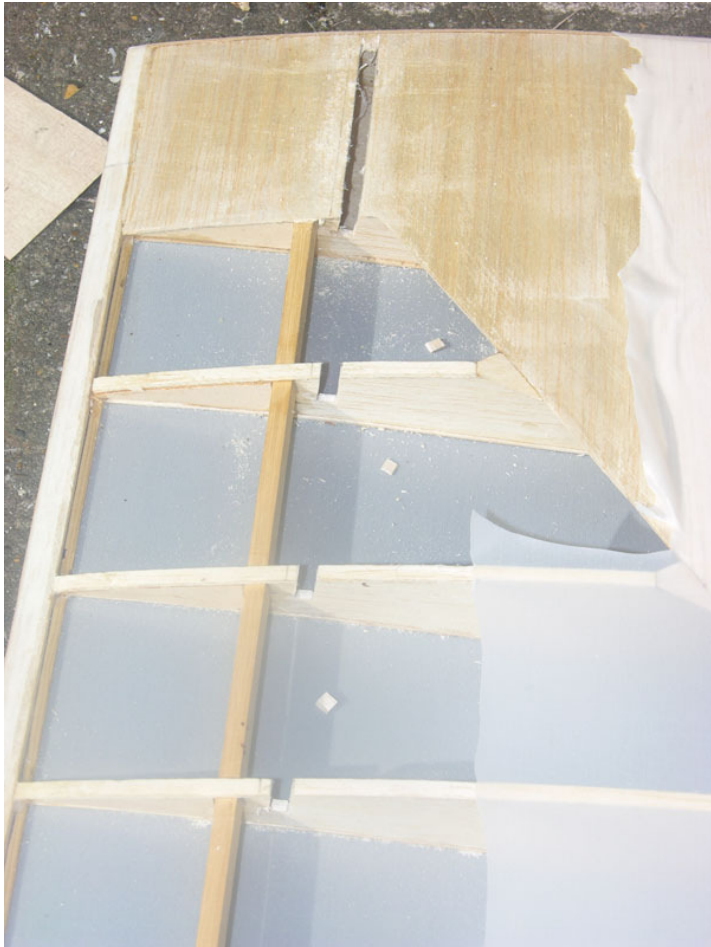
**Message started by Peter Chaffe on 04. Sep 2010 at 22:26**

Title: **Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **04. Sep 2010 at 22:26**

Less of a build thread - more a Minimoa conversion Mainly for Idigbo (Ian) This is 1:3.5 scale from Chris's plan!

Top view: Cut the depth of rear spar for Flaps = 96mm from te of inner panel to le of new spar



Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **04. Sep 2010 at 22:27**

View from under the panel, Top spar can be seen sunk in about 2/3rds with a capping strip 15mm wide consisting of 1/64th ply grain fore & aft laminated to 1/16th balsa grain span-wise, all glued and dried before cutting in from the bottom. Lower capping strip was 10mm wide to allow plenty of travel

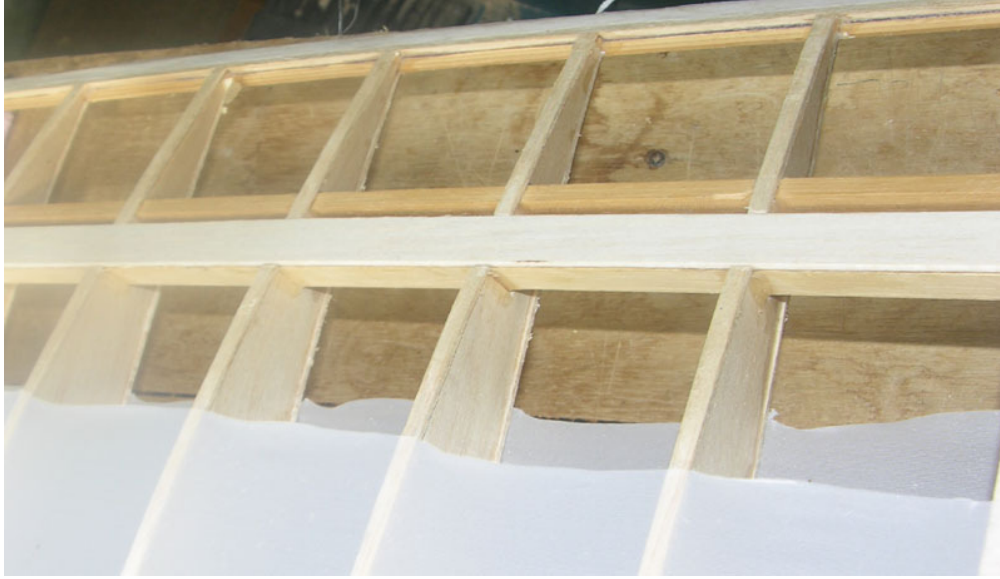
 DSCN4069.JPG (97 KB | )

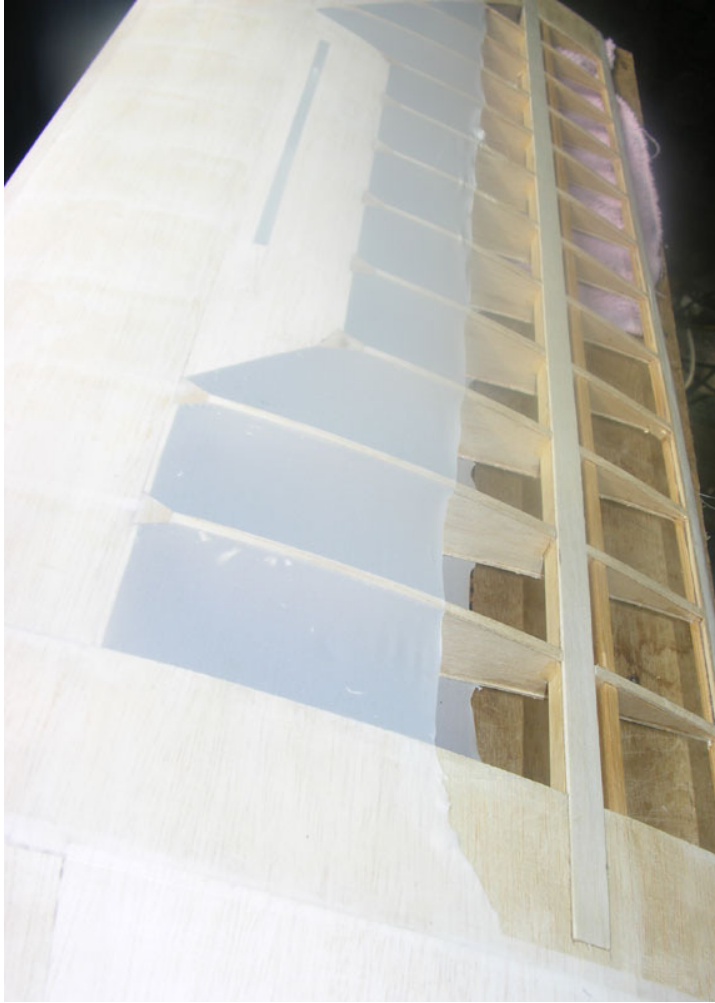


Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **04. Sep 2010 at 22:27**

Once it is all dry its easy to cut out the Flaps with everything keeping its shape!





Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **crash** on **08. Sep 2010 at 04:21**

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Are you recovering the wings once finished or do you have a secret to cover the join?

Chris

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **08. Sep 2010 at 09:12**

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All wasted!

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **26. Sep 2010 at 20:13**

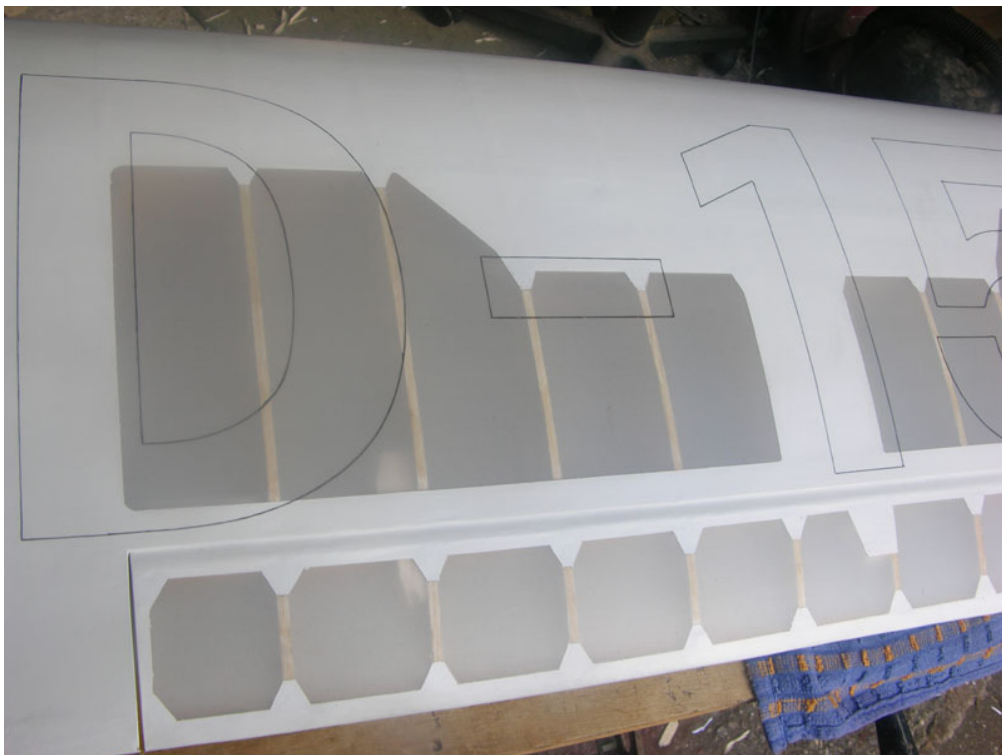
Sorry Crash, I was a bit abrupt!

Yes the inner panel covering was wasted but luckily was originally put on after the tip panels so not a big deal to replace! Full size for that time period they would just fold the covering back in position and dope on strips over the joins. Of course if we mimicked that it would look ghastly...

Here is the finished panel completed, just starting the reg numbers! completed today and looks very nice!

Will upload a finished results tomorrow!

Peter.



Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **crash** on **27. Sep 2010 at 03:33**

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Not abrupt whatsoever, it does look absolutely beautiful.

Congratulations on a fine job. Don't forget to post a pic with the numbers done :-)

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **27. Sep 2010 at 18:21**

Here you are! Also finished the Rudder...

Might give the numbers a coat of satin varnish for protection, or just buff them up once they are completely hardened.

Note the varnished tip on the rudder (the red has colour shifted in the pic). Time to get back to the fuselage!





Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **chris williams** on **27. Sep 2010 at 20:42**

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Nice, Peter...how do you plan to maiden: slope or aerotow?

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **27. Sep 2010 at 20:59**

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I'll throw it off Coxtor, Dartmoor. will rephrase that, I will get Steve to throw it! Its a good slope for westerly winds. If all goes well then I might well turn up at WS sometime with it!

Just need to get some practice in on the MPX tx. Not used to those long sticks! Even the short ones are long to me!

Peter

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **VinceC** on **27. Sep 2010 at 21:30**

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Nice work Peter. Look forward to the fuselage

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **chris williams** on **27. Sep 2010 at 21:57**

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Steve can't do it, he'll be taking the photographs...

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **27. Sep 2010 at 22:08**

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Frank will be there as well, but I know they will want to fly it, Frank will fly it inverted and steve will be looping it...

Should hopefully get some video

Peter

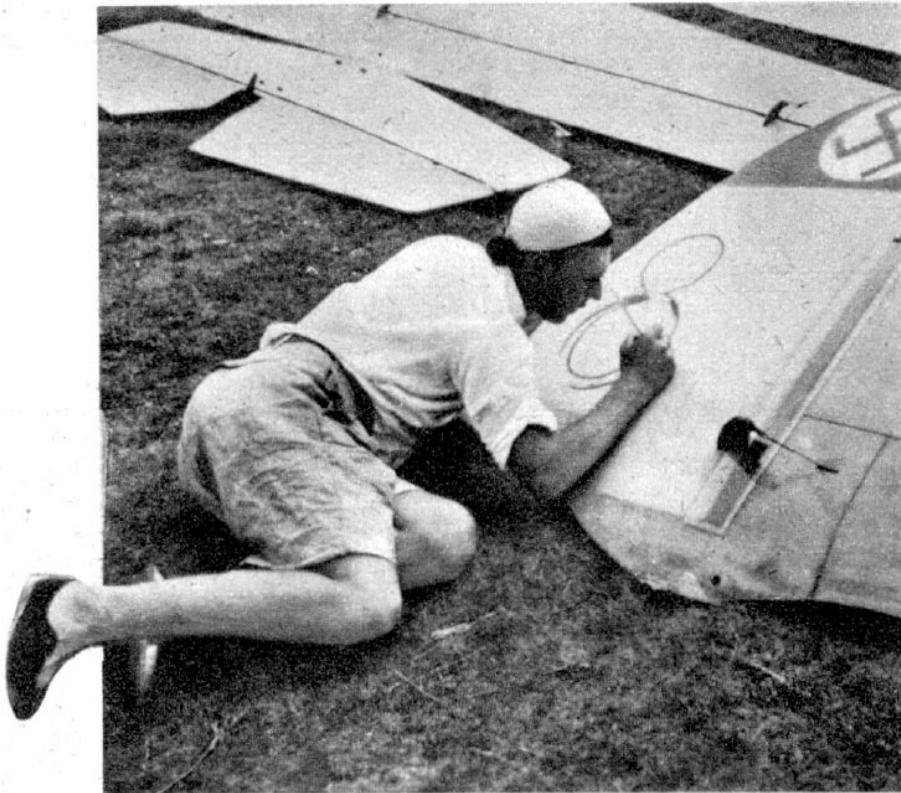
Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **VinceC** on 28. Sep 2010 at 22:53

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Peter - did you paint the registrations on?

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Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on 29. Sep 2010 at 00:21

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Vince,  
Yes I've always brush painted on reg numbers, the few exceptions being non scale where I sometimes cut the numbers/designs from solartrim!

I use acad or whatever program is available, to scale and print out the design full-size then use carbon paper to transfer the lines to solartrim by hand, it leaves a feint ink deposit on the trim (plus

In the case of brush painting, carbon paper wont transfer to cellulose finish! I use the scalpel to cut out the corners of the letters, also cut the curves in sections leaving a small space to hold the paper in one piece. Tape the paper in place and use a sharp pencil to use the paper as a kind of stencil. take the paper off and join the spaces with a pencil.

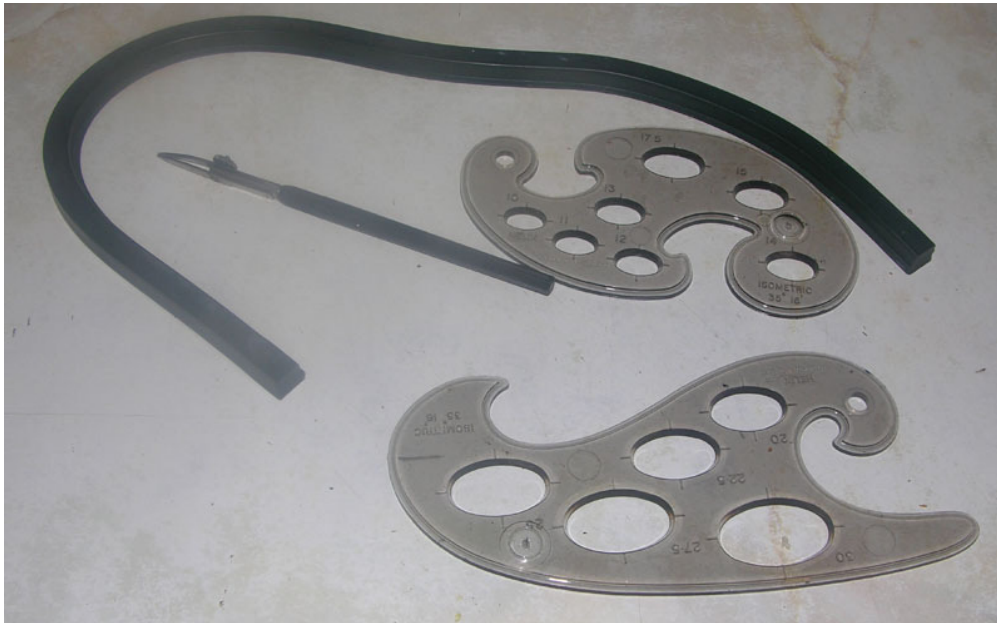
Then I use an adjustable pen loaded with paint (humbrol matt black no 33) French curves, ruler and bendy curve thingy made by Faber-Castell (all available from places like Ham & Sewel, artists stuff). Can draw the lines in paint as thin as you like but better to have them slightly thicker, makes it easier to fill in after!

Once dry then fill in with a soft brush, the good thing about humbrol matt is that it flattens down (no brush marks) I leave it to dry in the shade gives longer chance to flatten! Humbrol gloss is not very good, shows brush marks and stays sticky too long.

I have good spray gear but always paint the numbers by hand because I would be frightened that paint would get under any masking tape, with high contrast numbers any imperfections would show up too much!

Must admit that humbrol matt does not get a perfect key on cellulose, hence the remark that I might give them a covering of satin varnish (never liked full gloss anything on a model, makes it look to plastic)

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Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **VinceC** on **29. Sep 2010 at 13:10**

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Have you done the "Minimoa" on the underside?

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **29. Sep 2010 at 13:50**

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Ah well I held back on that one mainly because I thought it might have been added during one of the repaints! Can always add it as and when!

Sent you some pics as promised for the German guy! was a fairly large file size, let me know if you receive them!

Here are a couple here of it cobbled together after painting!

Still a fair amount of finishing to do to the fuselage but getting there!

Peter

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Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **VinceC** on **29. Sep 2010 at 13:57**

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Nice work Peter. I am quite envious. I also received the email-thanks.  
Unfortunately :( the "Minimoa" was from day one

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Steve Fraquet** on **29. Sep 2010 at 18:44**

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Looks terrific Peter, I'd be delighted to throw it of the hill for you but as Chris said I'll be taking quite a few photos aswell.  
Maybe it'll be ready for WS sometime in October?  
Well done mate, your photos have inspired me to get on with the Racek 3.....how's the Rhonsperber coming along Chris?



Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Allan Boyles** on **29. Sep 2010 at 19:18**

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Steve told me you were good that is fantastic well done Peter.

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **29. Sep 2010 at 21:11**

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Thanks Guys much appreciated, yet I couldn't have done it with the detail help from Vince!

Something about white paint and varnished wood, always looks nice, with just a splash of colour to add some contrast!

Steve thanks mate, when the time arrives I'll bring my video camera as well, not that I know how to use it!

Peter.

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **chris williams** on **29. Sep 2010 at 21:47**

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Ah, I didn't realise you were a member of the Western Alliance, Peter. Have you undergone the initiation ceremony yet?  
The Mini looks gorgeous, I hope Steve can persuade you to bring it to White Sheet, then he can launch it and I can operate the camera :D

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Steve Fraquet** on **29. Sep 2010 at 22:27**

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Now there's an offer you can't refuse Pete :D

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **30. Sep 2010 at 11:02**

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Ok will let you know when things near completion!  
There's still some fiddly work to do around the fuselage!

Chris yes, Passport is all stamped up to date! should get me over the Wiltshire border with small bribe!

Peter

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **03. Oct 2010 at 15:03**

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Vince, I ended up using your writing as it seemed the closest!

Peter

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Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **VinceC** on **03. Oct 2010 at 18:39**

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Excellent. You will have to tale up sign writing

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **03. Oct 2010 at 19:11**

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Maybe the name should be a bit higher for the length!  
I drafted several taller ones but just wasn't happy about the overall look!

Small note about yours, I can see a short horizontal where the top of the R spouts from the upright...

Peter

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **07. Oct 2010 at 21:24**

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Added the headlight to the nose. Vince suggested I should upload this mini article, so here it is but beware it needs access to a lathe...

Peter

Title: **Re: Less of a build thread - more a Minimoa conversion**

Post by **Peter Chaffe** on **16. Oct 2010 at 12:36**

Well this is the finished Fuselage, Just the Cockpit area to do, this is the part that's going to be tricky I think! waiting on micro screws from MR, and need to get the pilots before fitting out the floor and seats etc..







Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Steve Fraquet** on **16. Oct 2010 at 19:03**

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Looks great Peter.....and I should know as I've seen it in the flesh so as to speak :D

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Allan Boyles** on **21. Oct 2010 at 19:32**

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I was in Plymouth today on a bit of buisness and i met up with my old mate SF and he took me to meet Pete Chaffe and see that Minimoa it's brilliant well done Peter, it was good to meet you.

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **22. Oct 2010 at 09:06**

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Nice to meet you too Allan! Drop in anytime for a cuppa if your in the area!  
Hope you didn't get lost in all the temporary one way systems!!!

Peter

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **idigbo** on **22. Oct 2010 at 19:04**

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Peter, I'm embarassed to say I've just found this thread!!! :-[

You have made a truly superb job on your conversion, very inspiring work indeed. So neat and tidy.

Many thanks for sharing the process.

Cheers, Ian.

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **idigbo** on **11. Feb 2011 at 22:48**

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Hows progress Peter :-?

Ian.

Title: **Re: Less of a build thread - more a Minimoa conversion**  
Post by **Peter Chaffe** on **12. Feb 2011 at 18:14**

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Hi Ian,

When the weather turned cold I switched back to my other hobby!

Minimoa is still waiting a pilot and cockpit detail.

Will get back to it soon, just grappling with casting Pilot heads atm...

Peter.