



08-05-2009, 03:29 AM

#1 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 443

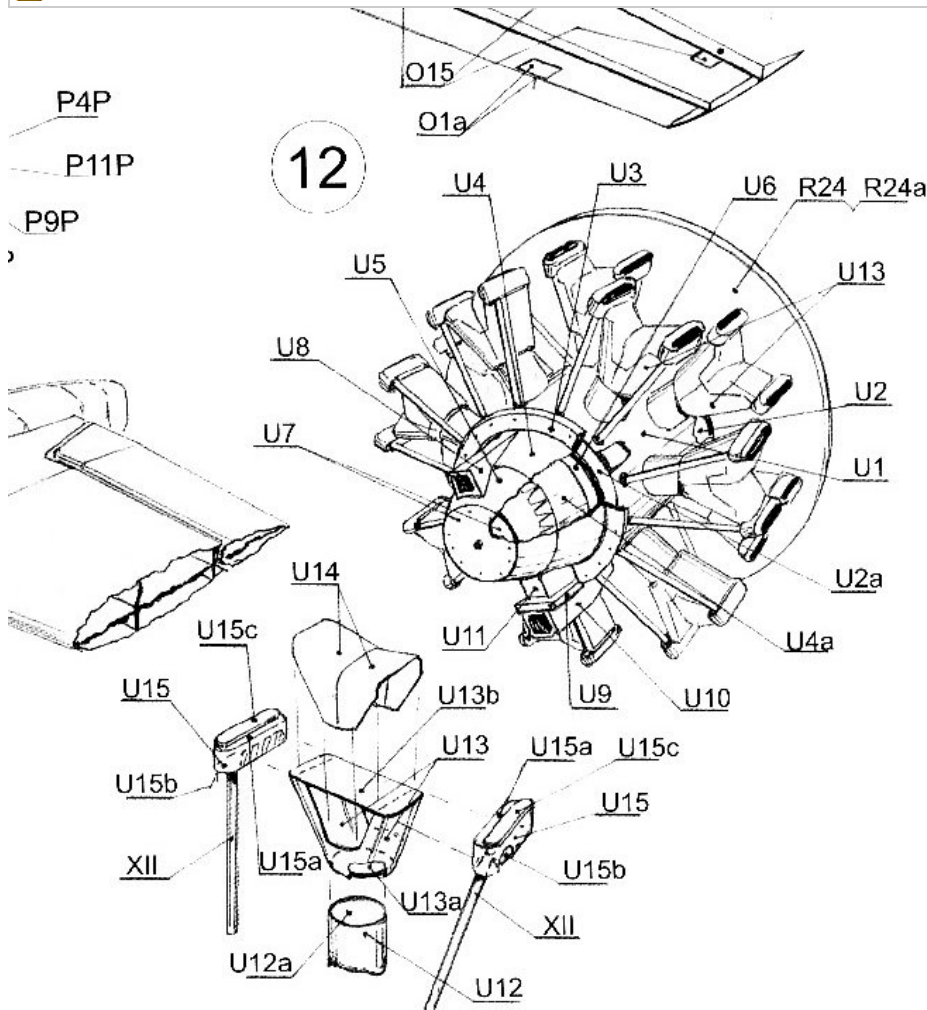
Orlik PBJ-1H Mitchell

I'm going in....

Well, I threatened I was going to do a long term build, and this kit really got me excited, so here goes nothing.


Even though it's step 12 in the instructions, I decided to start with the engines. I figured if I can get past those successfully, it would spur me on to the next level. Here's what I have to work with:

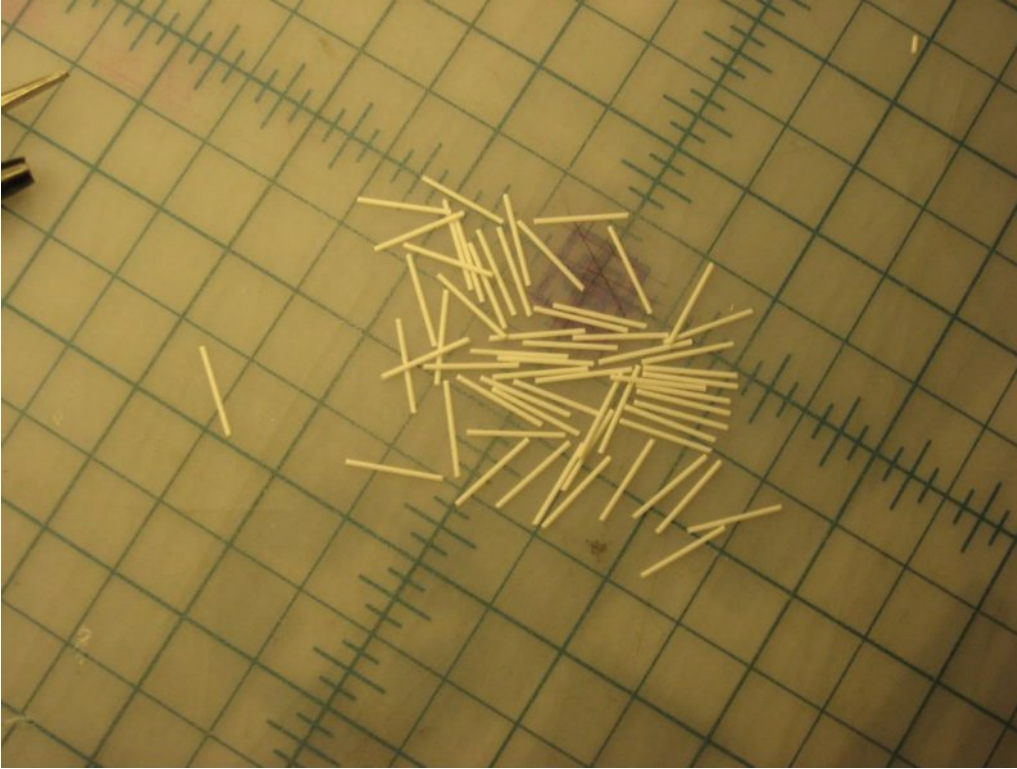
This image has been resized. Click this bar to view the full image. The original image is sized 728x770.




Sort of vague, but I think I got the gist. First I started punching and cutting. 56 push rods:

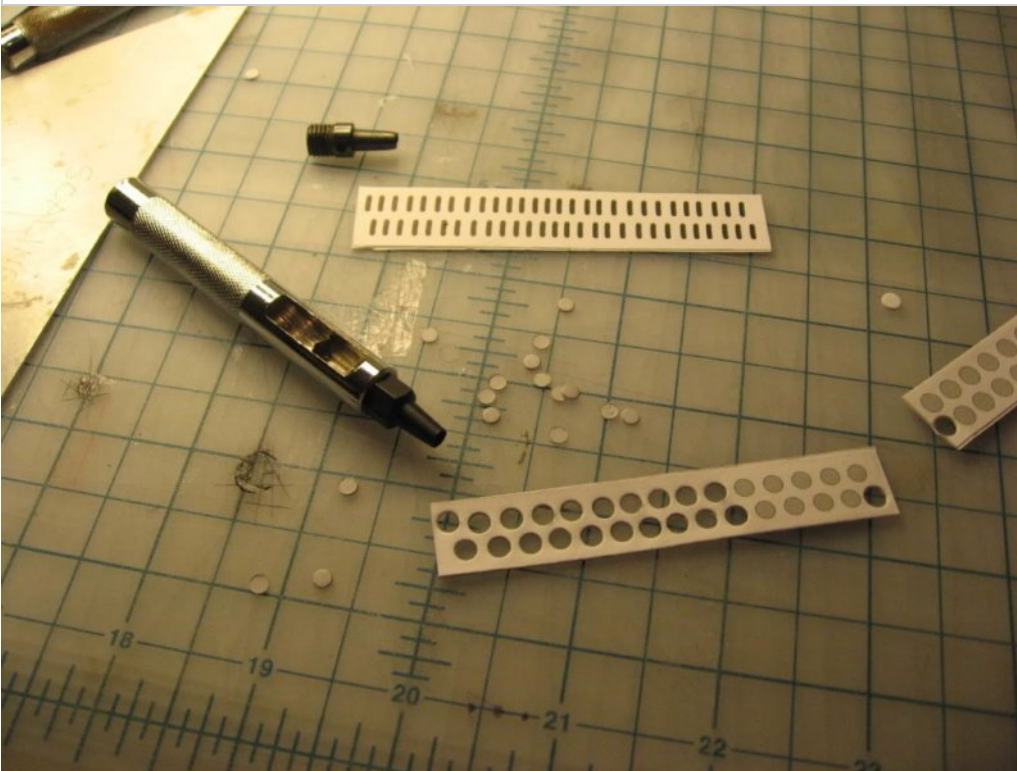
This image has been resized. Click this bar to view the full image. The original image is sized 1023x767

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.




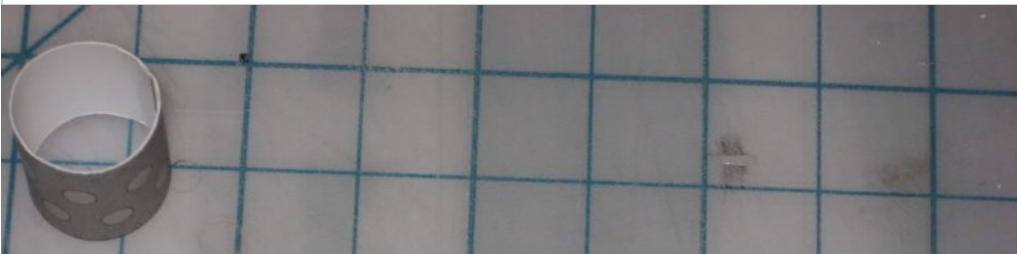
Cylinder formers, rocker covers, all kinds of little bits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Finally I tried my hand at a complete cylinder. About a dozen parts in that, but I figured out the sequence and I guess it does go together as advertised (crankcase roll in the background):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Now I just have to make 27 more.....

Mike

Last edited by Bomarc; 08-05-2009 at 03:30 AM. Reason: Grammer, always thw grammer...



 08-05-2009, 03:33 AM



ccoyle
Member

You're off to a great start!

Chris Coyle
Mariposa, CA
"Look, let me go back in there and face the peril!"

#2 ([permalink](#)) 

Join Date: Jul 2008
Location: Mariposa, California
Posts: 379



08-05-2009, 03:39 AM

#3 ([permalink](#)) 



SJPONeill
Member

Join Date: Nov 2008
Location: Near the Spiral, NZ.
Posts: 362

Is that punch (the pen-like tool) in the middle pic? Looks interesting...is it adjustable?



08-05-2009, 03:55 AM

#4 ([permalink](#)) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 443

Quote:

Originally Posted by **SJPONeill** 
Is that punch (the pen-like tool) in the middle pic? Looks interesting...is it adjustable?

It's a leather craft punch from Tandy Leather. They carry two sets of sizes: the "mini" and the "maxi". Here's a link to the mini:

[Tandy Leather Factory - Mini Punch Set](#)

I have both sets, and they're pretty handy as you can see. The A.C. Moore craft store in our area carry both, plus a few other Tandy items. I think Michael's craft stores carry them too in the leathercraft section, but not sure about that.

Mike



08-05-2009, 04:47 AM

#5 ([permalink](#)) 



SJPONeill
Member

Join Date: Nov 2008
Location: Near the Spiral, NZ.
Posts: 362

Sweet, Thanks, Mike...we're off to the big city on Saturday so will try to find a craft shop or saddlemakers that might have them...



08-05-2009, 05:09 AM


#6 ([permalink](#)) 



Padre
Member

Join Date: Aug 2007
Location: Arizona
Posts: 477

That is a good start, the engines really make a plane look good.

Sit quietly, doing nothing, spring comes, and the grass grows by itself. 

<http://www.usswhiteriver.com/>




08-05-2009, 06:24 AM

#7 ([permalink](#)) 



Foxbat
Member

Join Date: Jun 2009
Location: Sofia, Bulgaria
Posts: 179

Nice choice, Mike!!  Very interesting project. I've got the B-25J from Orlik, so will be following your thread very closely.

Sergey

www.papermodels-bq.com



08-05-2009, 10:12 AM

#8 ([permalink](#)) 



buffalowings

Member

Join Date: Jun 2009
Posts: 316

so that's how you cut those perfect circles, looking good



08-05-2009, 12:48 PM

#9 ([permalink](#)) 



eatcrow2

Member

Join Date: Jul 2007
Location: Santa Monica, CA
Posts: 464

Off to a great start Mike, and good photos showing what your doing.

Peter Crow
Santa Monica, Calif.
<http://www.picturetrail.com/eatcrow2>



08-05-2009, 08:16 PM

#10 ([permalink](#)) 



Don Boose

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

Just back from Philly, Mike. Checked in to the Forum and was pleased to see that you have begun this major project. As the old Chinese expression goes, "The build of a thousand pieces begins with a single cylinder."

Don



Page 1 of 75 [1](#) [2](#) [3](#) [11](#) [51](#) > [Last](#) » 


Tags [Edit Tags](#)

None

Quick Reply



Message :



Options

Quote message in reply?

Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules



You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
4 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 2 of 75 < 1 **2** 3 4 12 52 > Last » ▾[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating: ★★★★★](#) ▾ [Display Modes](#) ▾


08-07-2009, 01:22 AM

#11 ([permalink](#)) 

Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Quote:

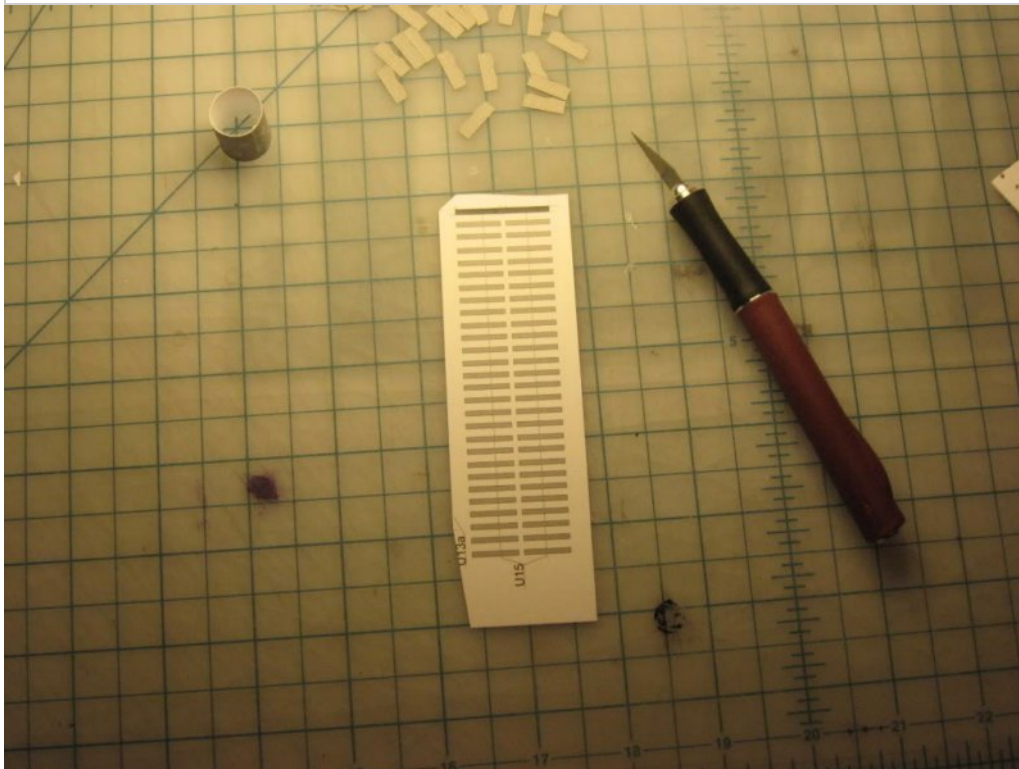
Originally Posted by [Don Boose](#) 
.....As the old Chinese expression goes, "The build of a thousand pieces begins with a single cylinder."

Don

Ah, it is just so *Laoshī* Boose. I will need to harness all my inner *Qi* to continue this journey...

And thanks to all for the encouraging words. I've been busy cutting the parts of the remaining 27 cylinders. The Orlik diagrams are silent on this, but in assembling the first cylinder, I found that adding small connecting strips were invaluable. So while cutting all the pieces, I attached small connectors to parts I deemed needing them using the paper the instructions are printed on (it seems to be around 20-22lb plain bond). To save my sanity working with the really small parts, I used a technique that others here may find useful (if you've seen this before, sorry for the repetition). Below are the bodies of the rocker covers (U15 in the diagram), tiny little buggars they are:

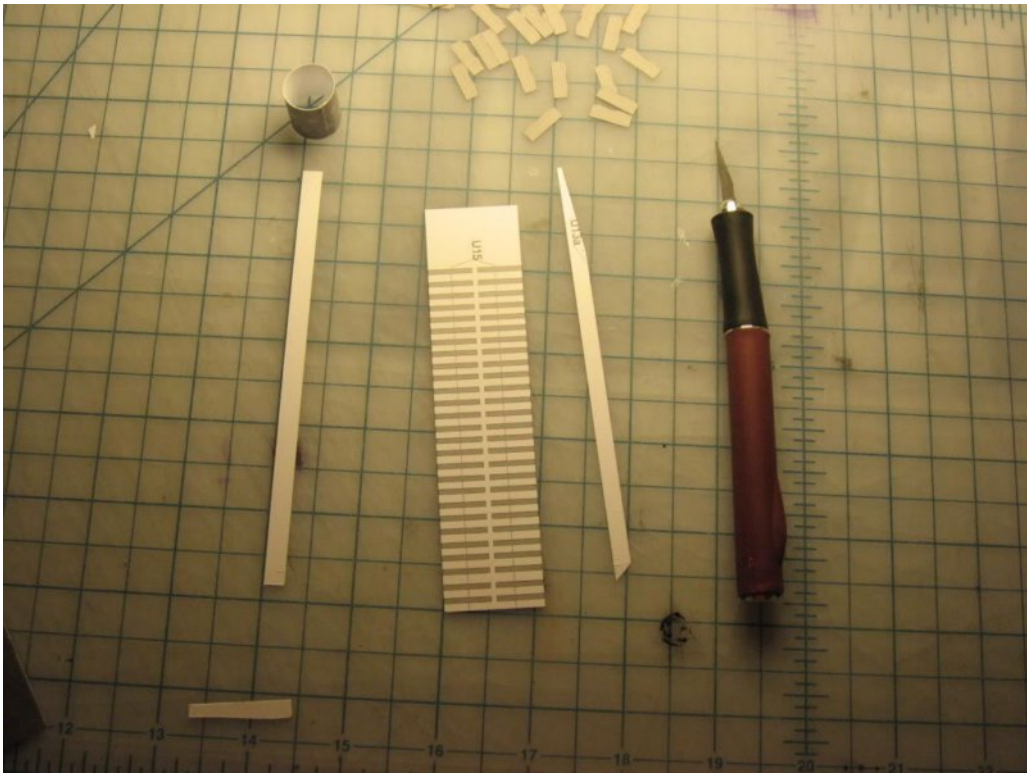
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Cut to either side the row of part:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




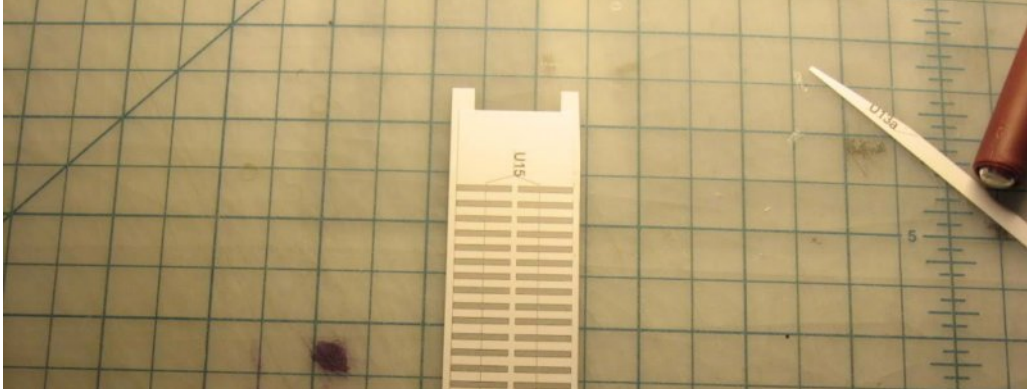


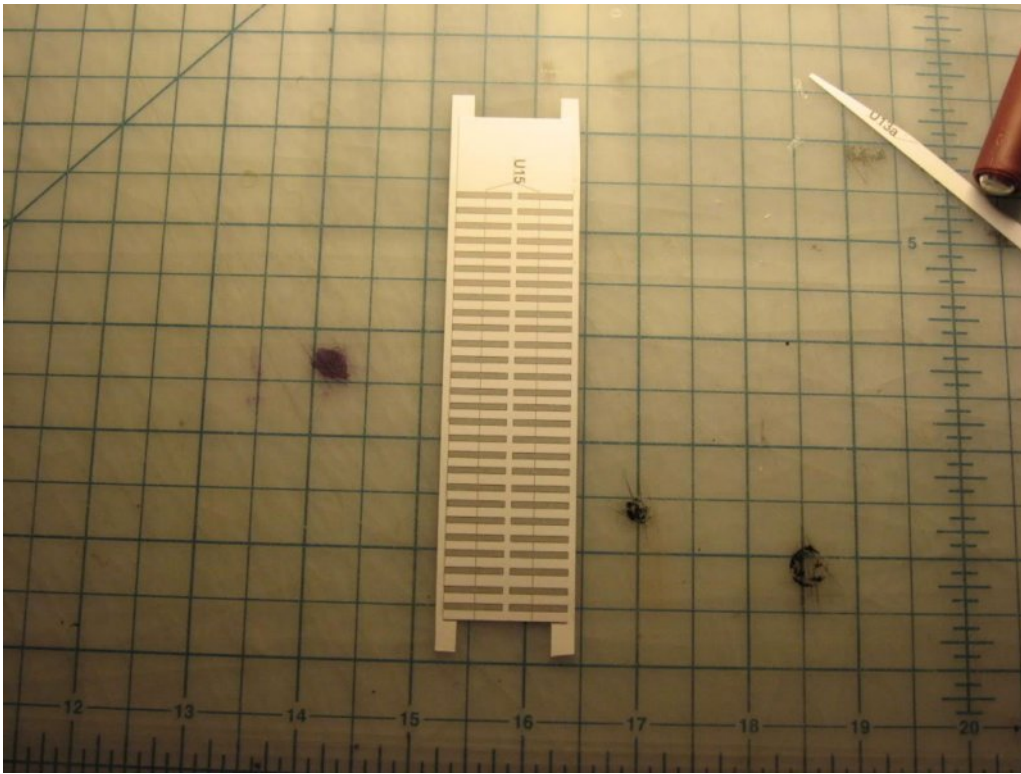
Then glued a connector strip to the back side at each cut edge:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





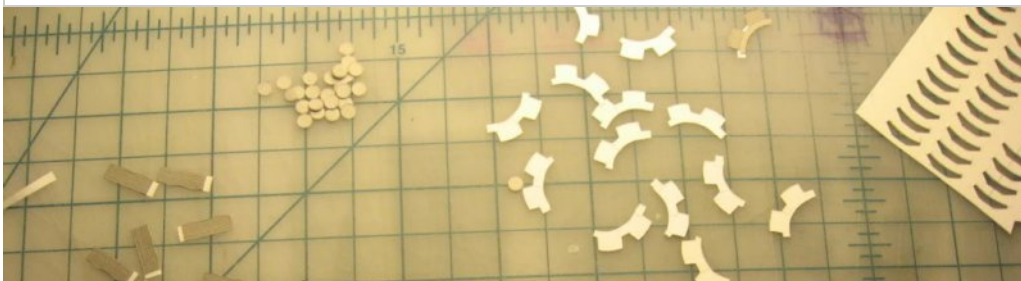
When dry, cut out the strips, and they're ready to roll with an attached connector of the right width:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Imagine trying to cut and glue a connector after the fact....ugh! Of course this trick only works with rectilinear parts (that are nicely arranged on the sheet....designers take note). Some odd ball parts like the cylinder bodies required individual attention:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Pavel

Member

Join Date: May 2009
Posts: 2

good luck! I would follow the bulding, because i've building this model too.
It is very interesting and hard!

Pavel,Russia



08-08-2009, 02:12 PM

#16 (permalink)



Golden Bear

Member

Join Date: Jul 2007
Location : Salem , Beaver State
Posts: 1,666

Hey, Mike, I was going to jump in with the same advice but see that you already have it. Radial engines also show "creep" in the height of their cylinders as they get built up. I usually trim a little off of the base piece and the sleeve. Then do a test fit as you are planning to see if I need to hack off even more. If you spot glue the cylinders on you can pry them all off for more trimming at the very end if you need to.

One of these babies per model is usually enough for me and you get to enjoy two of them!

Carl



08-08-2009, 04:04 PM

#17 (permalink)



Bomarc

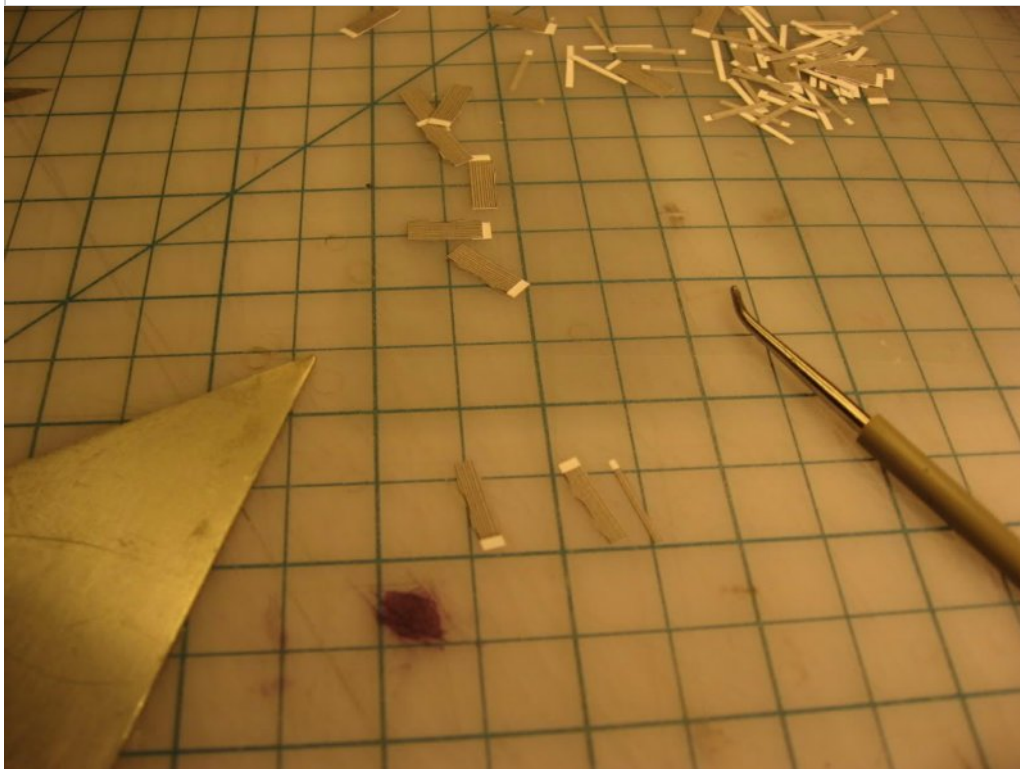
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 444


Thanks Carl. I had a funny feeling the built up engines might be too big. That why I like this forum so much, lot's of good intel floating around. I plan on "drafting" behind the modeler on that Russian site, although I've no doubt I'll be hitting a few rocks in the water along the way.

Pavel's timing couldn't have been better. I hadn't rolled/glued the lower cylinder pieces yet, so I can just chop them down a bit:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




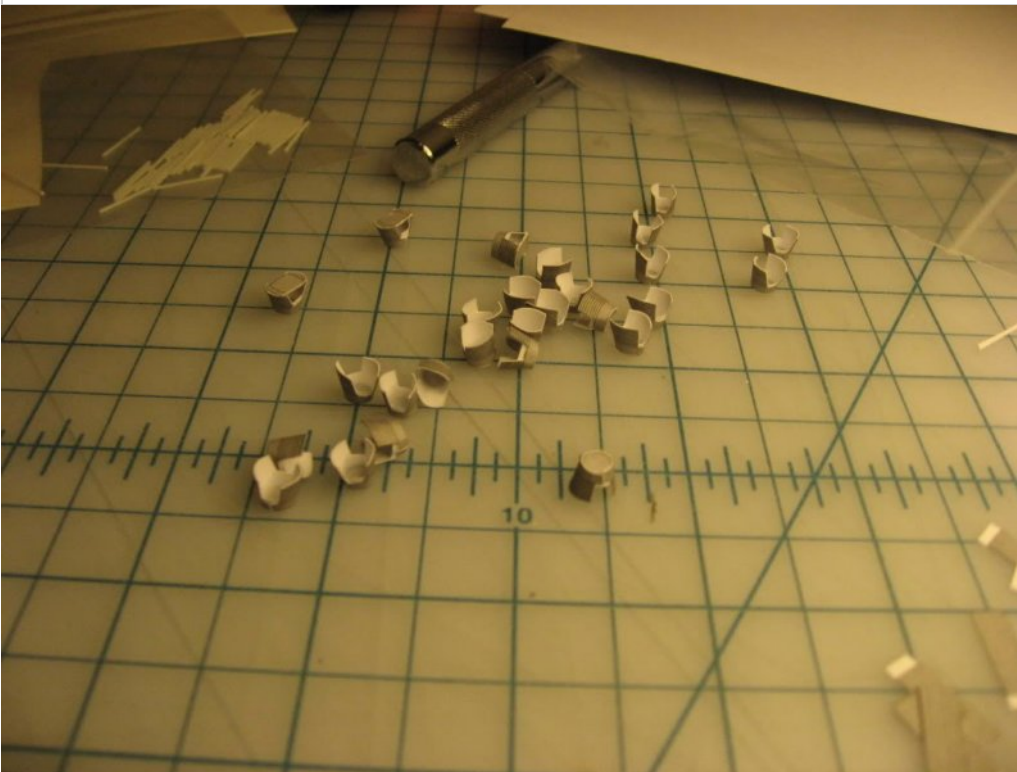
I took off about 1/16" (two lines in the pattern). That's my "guesstimate" to net the error. If it's *still* not enough after a test fit, I at least won't have to remove as much material for the final fit. For the already assembled first cylinder, I coated the inside with super glue to harden the paper, then I sanded it down on a piece of sandpaper wrapped around a 5/8" dowel:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Here's the rest of the cylinder "tulips" waiting for more pieces :


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



A *little* progress....

Mike



 08-08-2009, 04:13 PM



Don Boose 
Member

#18 ([permalink](#)) 

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts : 4,293

A lot of progress, Mike. I admire your meticulous approach, which will certainly pay off in the appearance of the engines and the final model. It is a real pleasure to watch such a craftsman and artist at work. Your clearly-written description of each step and the large photos really help visualize and understand what you are doing. The inputs from other premier model builders add much to the build.

Don



08-08-2009, 04:20 PM

#19 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001



Like the words of the song "Dedication's what you need", well you certainly have this in abundance here my friend... Nice work on a VERY nice AIRCRAFT - I'll be watching this marvellous build

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-08-2009, 08:04 PM

#20 (permalink)



Bomarc
Member

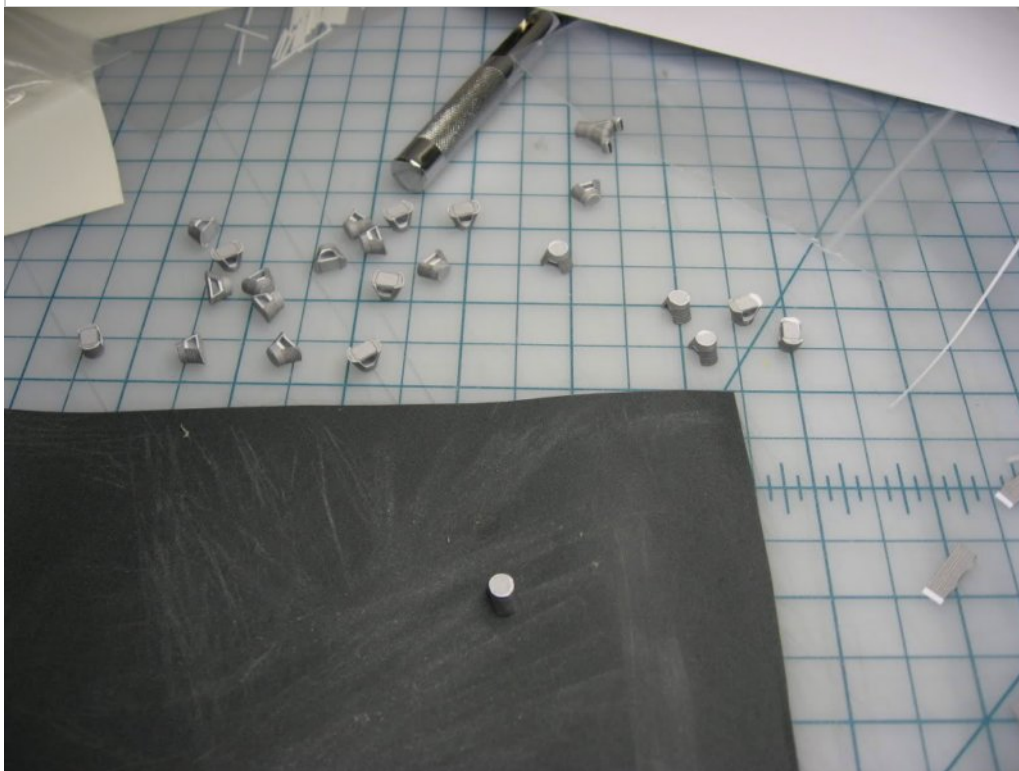
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Their ranks are growing!

Thanks again encouraging words guys. There a lot of road ahead on this journey.....

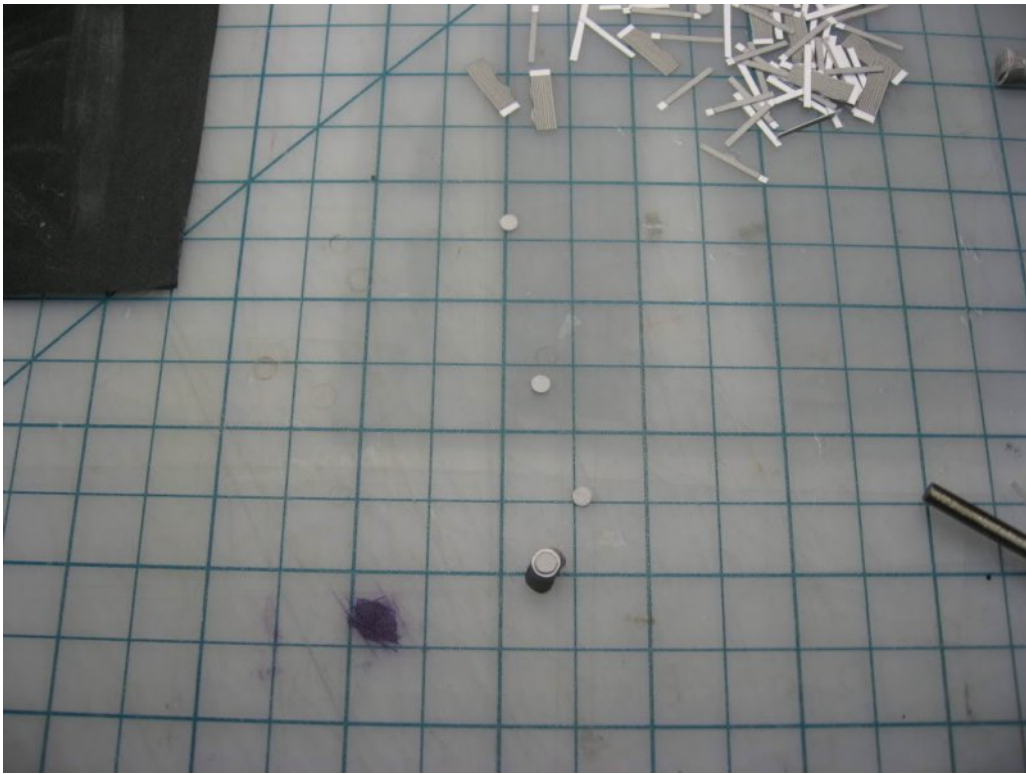
Little more progress this morning. Also I finally figured out my wife's camera (Huh? There's an *indoor* setting?.....Who knew?.....). After completing the basic bodies of the cylinders, I lightly sanded the tops and bottoms in an attempt to control vertical creep:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




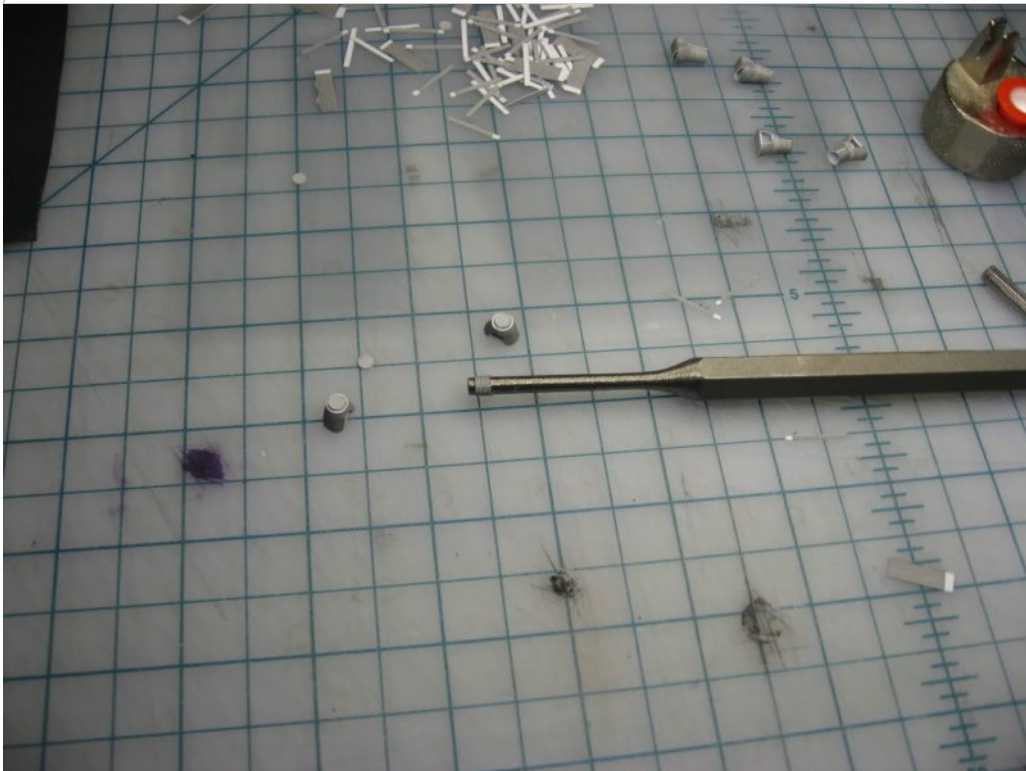
To the bottom I attached the smaller disc punched earlier as a locator for the bottom cylinder:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

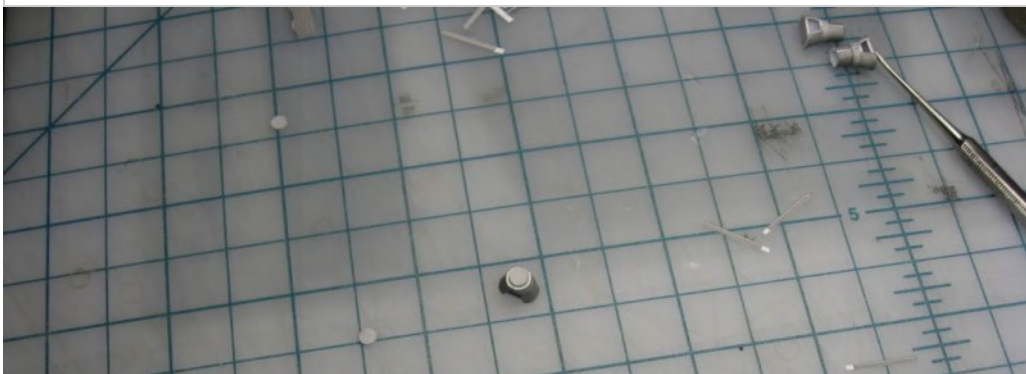


In a happy twist of fate, a 5/32" steel punch made a perfect rolling mandrel for the lower tube. It also served as a good alignment jig to join the two parts:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

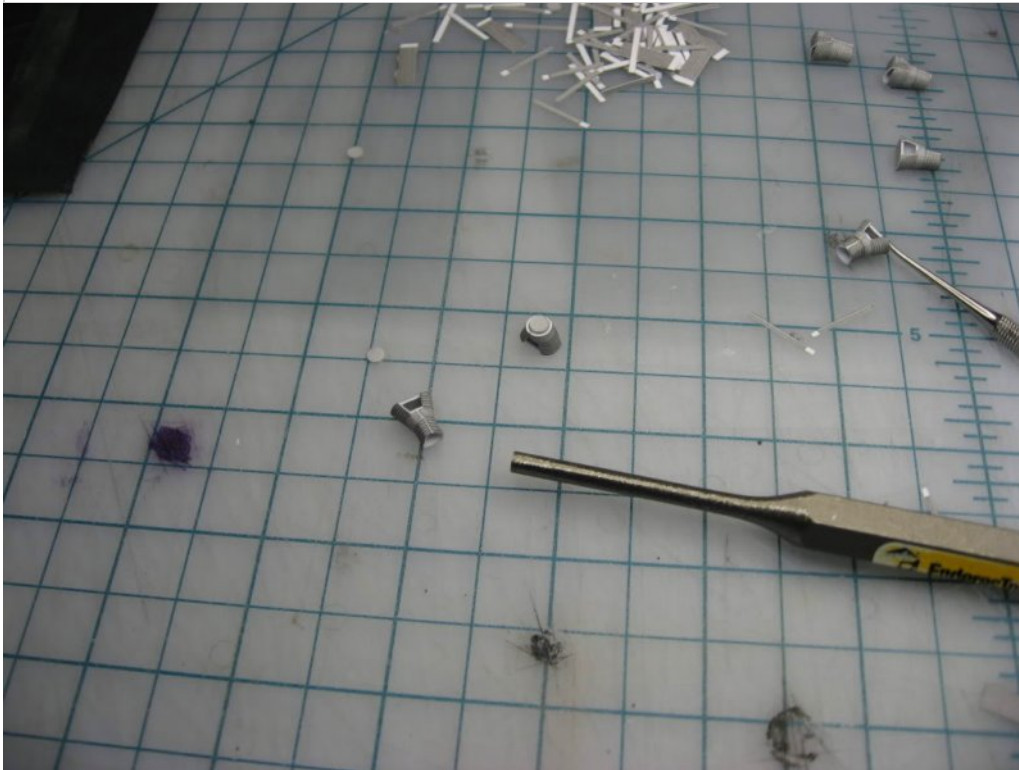


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Attaching the upper and lower bodies first made for easier handling of the assembly when attaching the two center parts. Attach both to the front side (no seam) first:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



When dry, attach to the back. I hope the value of attaching the connector strip to the bottom of the "V" opening can be seen. Made for a pretty quick (and accurate) assembly:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




They're multiplying!!!

Mike

 Quote  

 Post Reply

Page 2 of 75 < 1 2 3 4 12 52 > Last » 

Tags

None

[Edit Tags](#)

Quick Reply 

Message :

 **B** *I* U **A**   

Options

Quote message in reply?

Show your signature

Post Quick Reply

Go Advanced

[« Previous Thread](#) | [Next Thread »](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
5 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 3 of 75 < 1 2 3 4 5 13 53 > Last »

[LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

08-09-2009, 12:11 AM

#21 ([permalink](#))



[peter taft](#)
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001



Are you going to be putting the pistons and con-rods inside each one... JOKE.... i know it wouldn't be possible you wouldn't be able to turn the gudgeon pin TOO TINY This is brilliant work here, and like i said before, i will be keeping a close eye on this build my friend

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)

08-09-2009, 12:24 AM

#22 ([permalink](#))



[shrike](#)
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,226

Dunno, gudgeon pin on an R2800 should be just under 1mm in scale.....It's doable

I'm not making it up as I go along, I'm establishing precedent

[Quote](#)

08-09-2009, 01:29 AM

#23 ([permalink](#))



[Bomarc](#)
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Quote:

Originally Posted by [shrike](#)
Dunno, gudgeon pin on an R2800 should be just under 1mm in scale.....It's doable

Pistons, connecting rods, wrist (or gudgeon, I had to look to look that up) pins, crankshaft? Hmmmmmm.....naaaahh, I have enough to do as it is.

Just for the record, B-25's sported R-2600 Wright Cyclones, but I should think the wrist pin was roughly the same size as the PW 2800.... still, as you say, the pin would only be around 1mm.....naaaahh, nevermind!!

Mike

[Quote](#)

08-09-2009, 12:25 PM

#24 ([permalink](#))



[peter taft](#)
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Quote:

Originally Posted by [Bomarc](#)

Pistons, connecting rods, wrist (or gudgeon, I had to look to look that up) pins, crankshaft?
Hmmmmm.....naaaahh, I have enough to do as it is. 😊

Just for the record, B-25's sported R-2600 Wright Cyclones, but I should think the wrist pin was roughly the same size as the PW 2800.... still, as you say, the pin would only be around 1mm.....naaahh, nevermind!!

Mike

Call yourself a MODEL MAKER... tut tut.. i'd have those pistons and piston rings and gudgeon pin and crankshaft and lifters and valves and and and... i probably would in DREAMLAND - At least try to put some EFFORT in mate ah ah ah 🍷 😊 PS i would probably be pulling my hair out with all the repetition you are having to do... you have plenty of skill and patience to see this baby through to the end... my hats off to you my man !

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-09-2009, 02:54 PM

#25 (permalink) ⚠



Bomarc 🟢
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Well, for me, it goes a lot easier (and faster) when I can concentrate on a single task, like "cut all pieces out" or "roll and glue pieces", etc. Then it becomes assembly line like. Making the first complete cylinder helped me understand the parts, identify problems, and determine the best sequence of assembly. Front loading the assembly line with that knowledge makes the tedious stuff less, well, tedious...almost mindless.

To illustrate my point, here's the 27 basic cylinders (plus the first prototype) finished this morning:



No too bad. I'll cherry pick 14 "good" ones to be in the front row of each engine. Seamed sides will naturally be facing to the rear so won't be seen, so I'm not as concerned with the poor fit on some of the pieces in those areas.

Next is the rocker covers, 54 of 'em.....

Mike



08-09-2009, 04:30 PM

#26 (permalink) ⚠



Don Boose
Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,293

Those cylinders are a nice day's work (done while Mark and Peter discussed how to make a fully-operational 1/33-scale radial engine in paper). They inspire me to try making the simplified engine of the Peter Zorn *Spirit of Saint Louis* that I picked up at the Franklin Institute last week -- as the first step toward future (non-operational) paper engines.

I am studying your building philosophy and techniques.

Don



08-09-2009, 05:39 PM



Bomarc
Member

#27 ([permalink](#))

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 444

That's great Don! Sounds like that would be a good kit to ease into this complicated engine making business. And I'm gratified if my ramblings have inspired you (or anyone else here) even a little bit. That's the best part of doing a build thread.....

If you adopt an assembly line approach to your modeling, it helps if you have the Bugs Bunny "factory music" playing in the background (it's always rolling around in my head as I build.):

[YouTube - Powerhouse](#)

Mike



08-09-2009, 08:59 PM



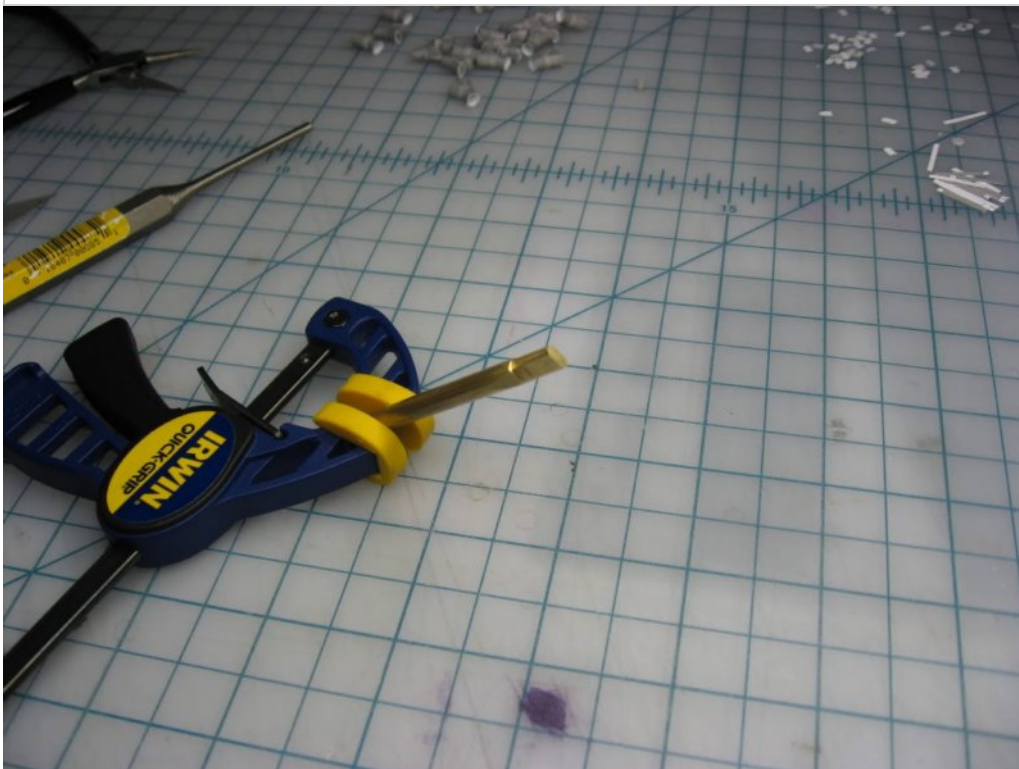
Bomarc
Member

#28 ([permalink](#))

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 444

Rolling along on the rocker covers. I created a tool by filing down a 3/16" brass rod to the shape of the body piece. Polished it up so glue wouldn't stick to it:

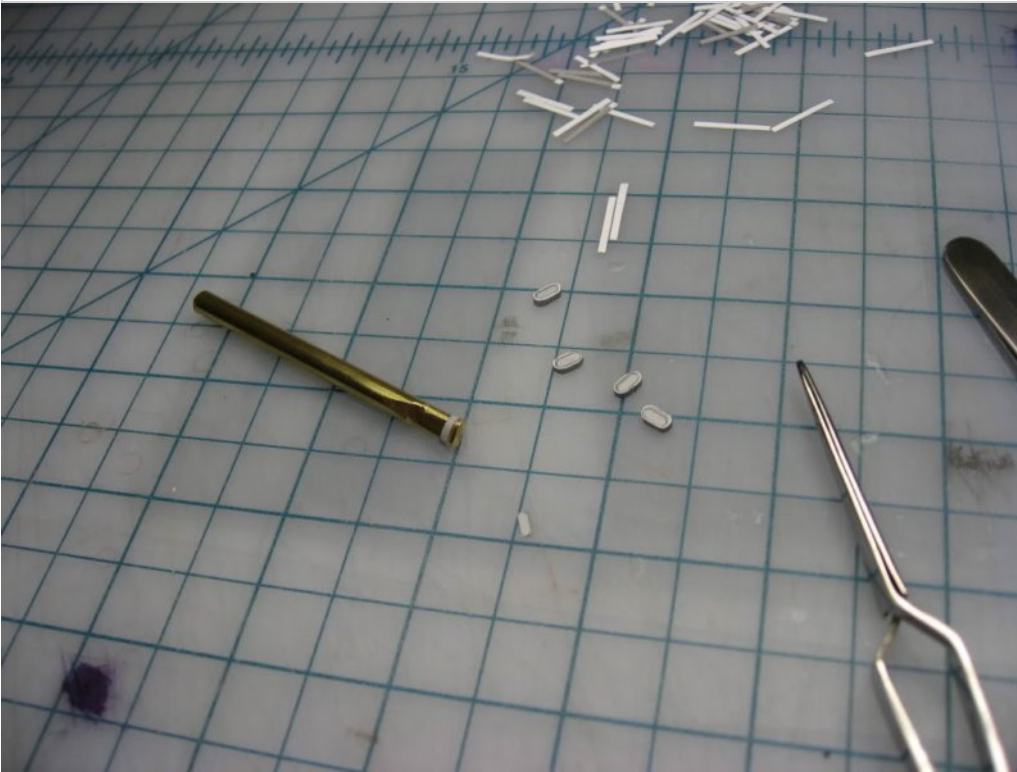
This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



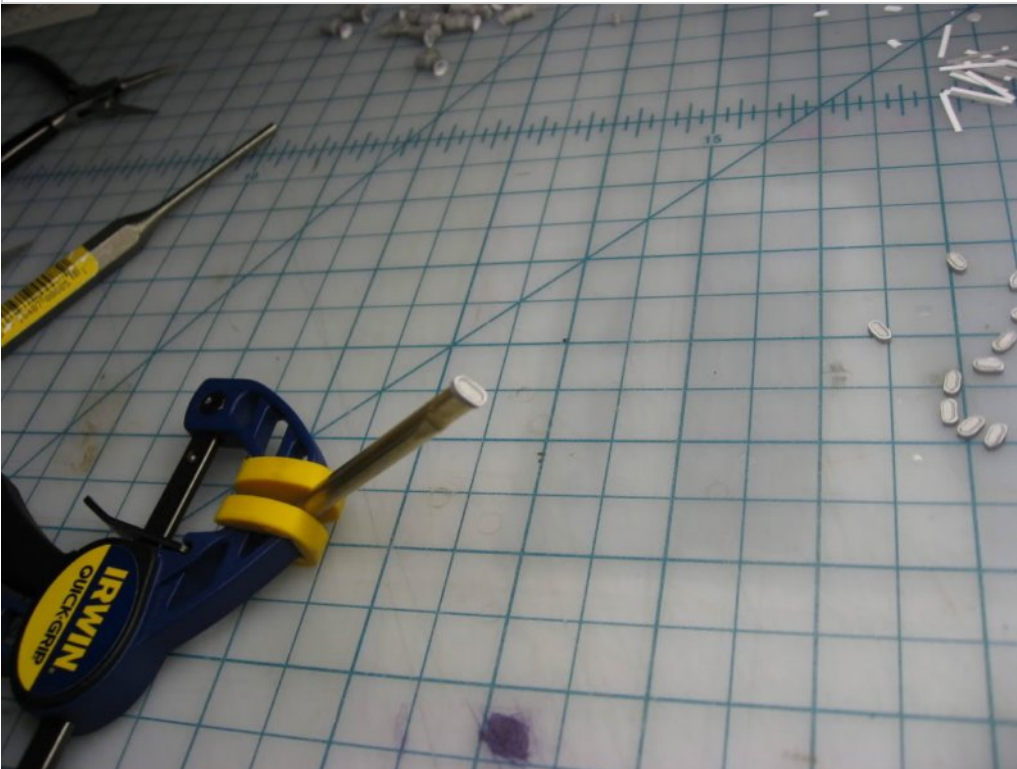
This I'm using to help keep the side of the rolled part straight while gluing on the top piece, which actually fit's inside the

rolled body:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

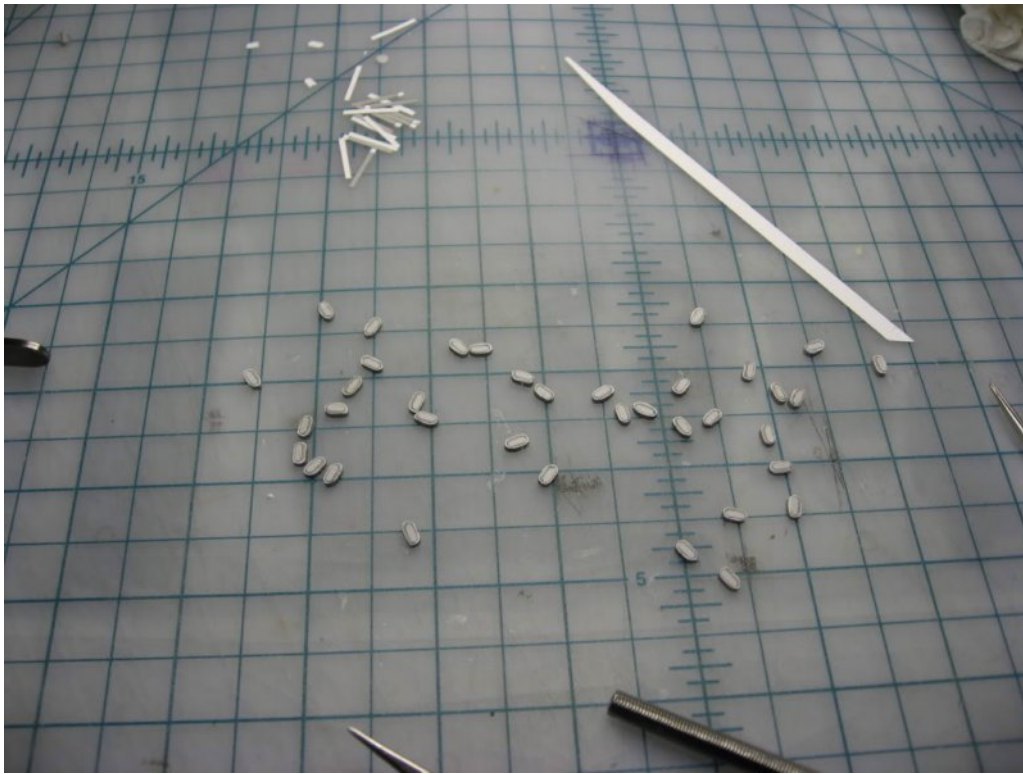


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Keeps everything square too. More assembly line work, have about two-thirds done:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Mike



08-09-2009, 09:49 PM



redhorse
Member

#29 ([permalink](#))
Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,625

You're doing an incredible job, and I'm learning a lot from this one. Great pictures and techniques.

Jim



08-10-2009, 01:29 AM

Wily
Member

#30 ([permalink](#))
Join Date: May 2009
Posts: 134

Oh geez...now my productivity will drop BELOW zero.

Must. Watch. This. Thread. <S>

wily

[WWII Fighter Plane Profiles](#)



Post Reply

Page 3 of 75 < 1 2 **3** 4 5 13 53 > Last »

Tags [Edit Tags](#)
None

Quick Reply

Message :



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
5 **Unread Posts** since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 4 of 75 << First < 2 3 **4** 5 6 14 54 > Last >> ▾[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ **Rating:** ★★★★★ ▾ [Display Modes](#) ▾

08-10-2009, 12:24 PM

#31 ([permalink](#)) **peter taft** 
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

This build will be like your favourite soap opera... you will always wait in eager anticipation for the next episode, keep coming back for more... 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  

08-10-2009, 12:37 PM

#32 ([permalink](#)) **Don Boose** 
MemberJoin Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

Brass rod -- excellent jiggery. Much useful material in this thread. Many thanks for sharing these large, clear images of the work and the lucid explanations.

Don


[Quote](#)  

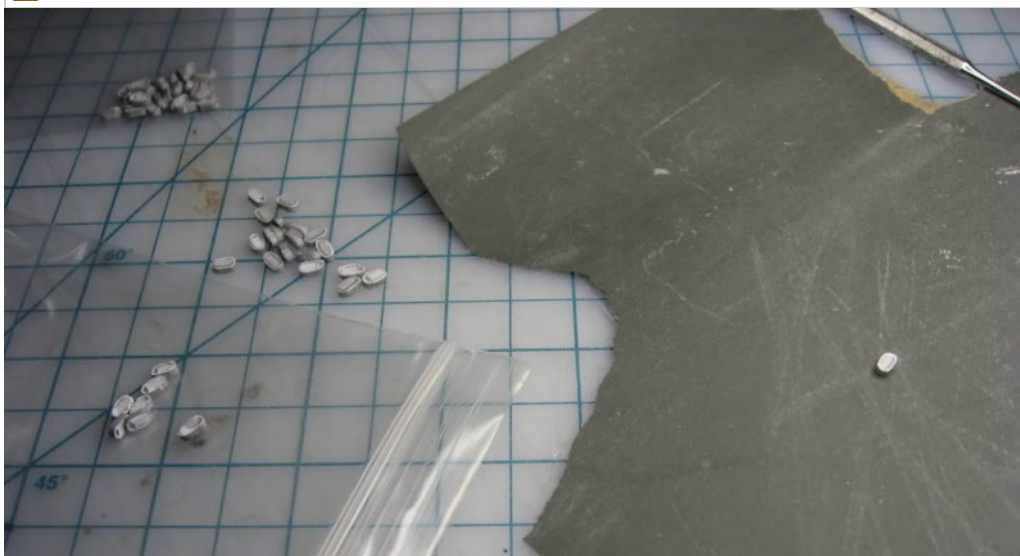
08-11-2009, 03:29 AM

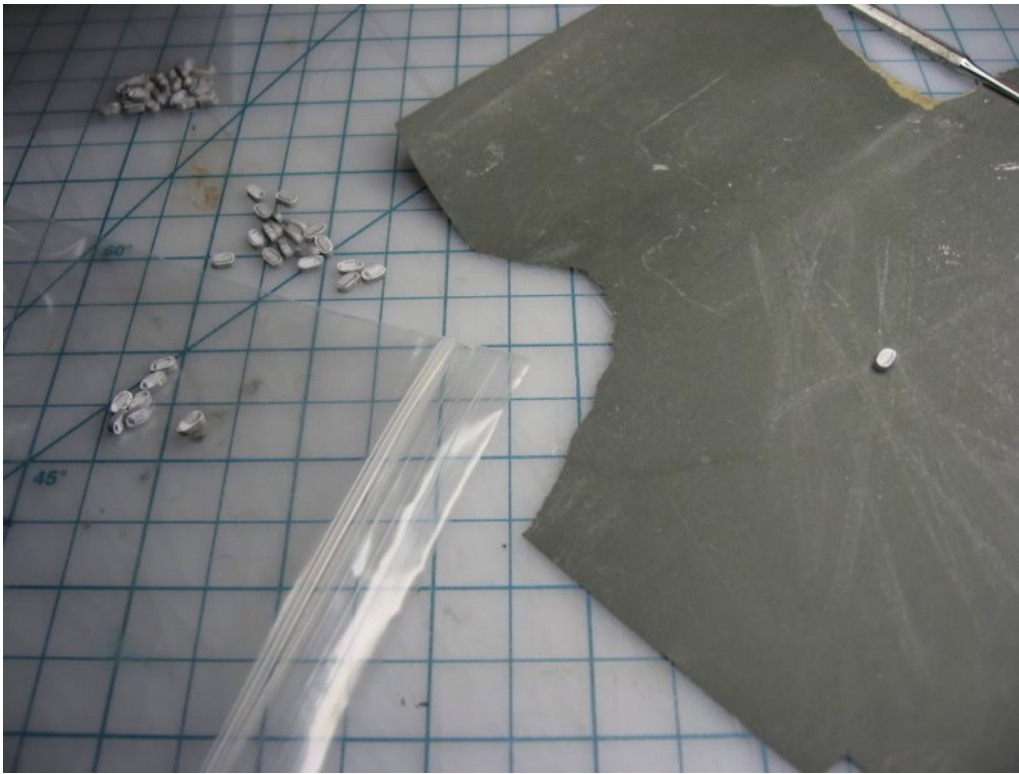
#33 ([permalink](#)) **Bomarc** 
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Wow, I hope this isn't like a soap opera, some of those story lines lasts for years, although at the rate I'm going here.....

Well, here's the next installment of "As the Mitchell Turns". Finished all the rocker covers, and gave them a light sanding top and bottom:

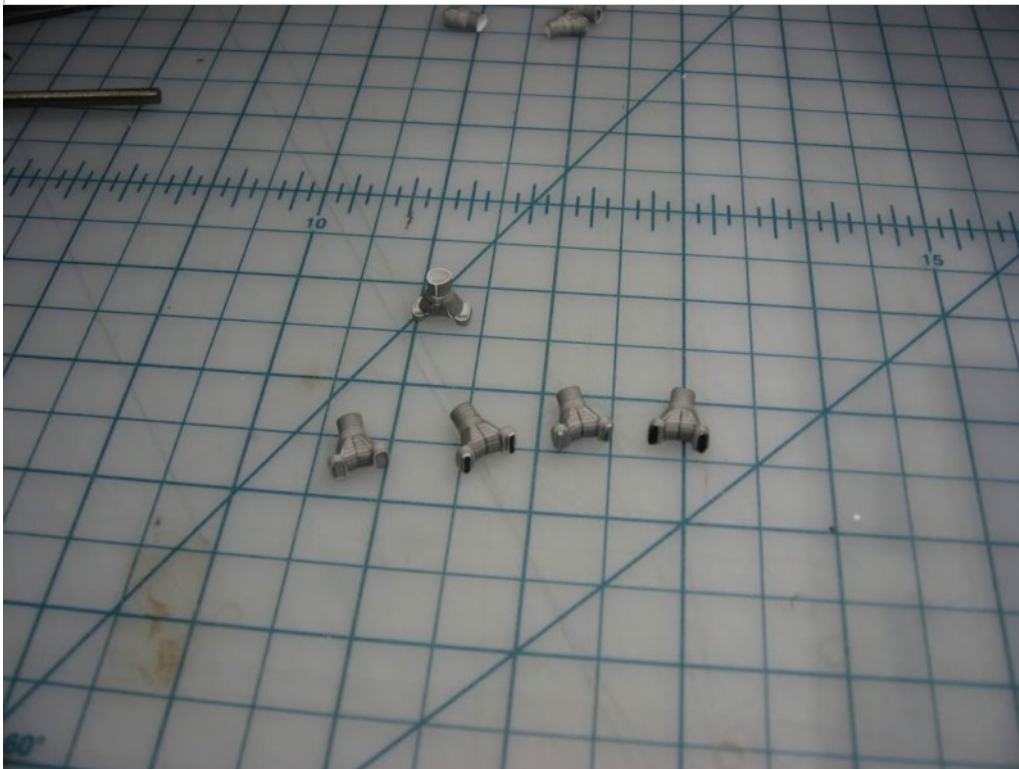
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





I separated and assembled them into two piles: left hand and right hand. This kept their seams on the inside of the cylinder and mostly hidden, with the holes for the pushrods in the proper orientation, forward for the front row, to the rear for the back row (I just have to keep track of which is which!). Glued them to the top and flipped it upside down to keep them level while drying. Then attached the black rib things (no clue what they are), painted the whole top aluminum, then the unknown things black. Here's the sequence:

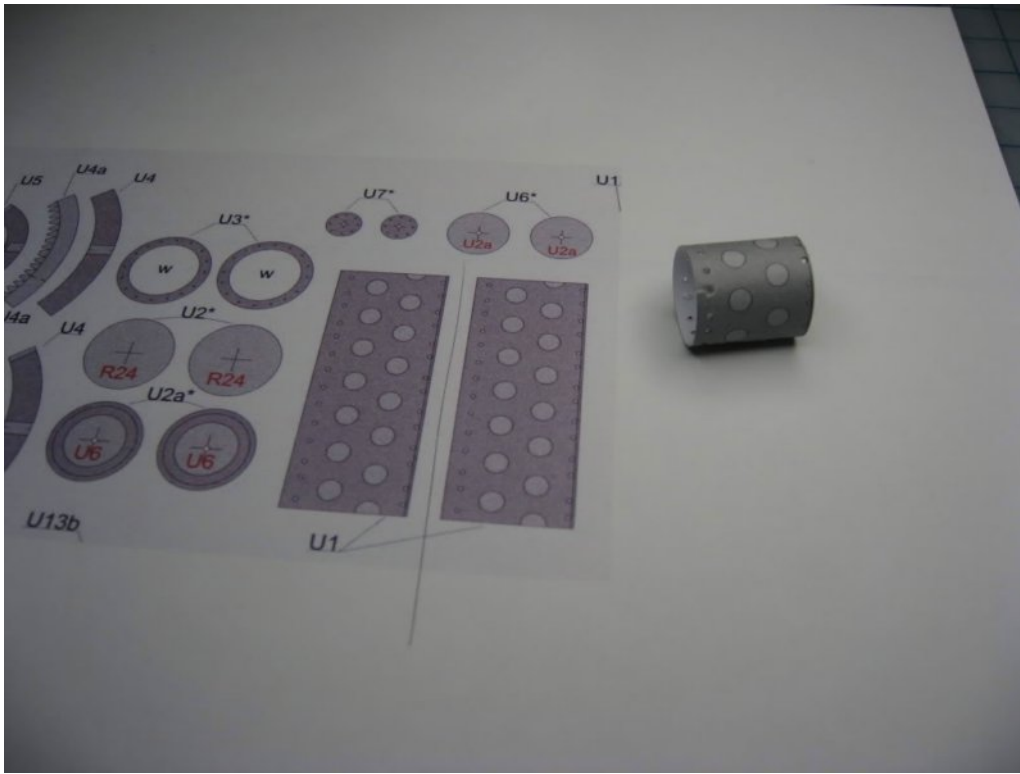
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



That's pretty much it for the cylinders.

On to the crankcase, where I ran into my first "do-over" (no doubt more of those to come). I got to thinking about how the push rods are now too long since I cut down the cylinders. I realized it would be handy to have punched holes where the pushrods would go into the crankcase. That would allow me to adjust their length through the holes as I mounted each cylinder. Since I had already rolled them, I tried to punch the crankcase with a sharp probe and ended up tearing them, plus it made for a sloppy hole. Not one to work without a net, I had previously scanned all the parts sheets before starting this epic, so I just printed out those parts I needed on 65lb paper. Here they are with the torn original:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Not too concerned about the color difference of original versus new part for I plan to paint the whole dark gray.

Next installment, crankcase assembly! Stay tuned.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



08-11-2009, 04:21 AM

#34 ([permalink](#))



Amazyah
Member

Join Date: Jul 2007
Location: 3rd rock from our sun. You?
Posts: 230



Wow!
I really enjoyed catching up on this thread!
Lot's of entertainment value packed into this one!
This is the way I like to see em!
Give me every little dirty detail!

Really nice work!
Thanks and keep the reports coming!

Russell



08-11-2009, 12:31 PM

#35 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Holes

Some people are against scanning in the model parts - but as i say to them, if you want your model to make it to the showcase SCAN it, because the chances of getting through your expensive model without a glitch is probably impossible...even if we don't make a mistake you'll probably come up against something that aint quite designed right and what would we do if we didn't have a backup part - buy the whole thing again ? NO SIR ! you did right my friend 😊 Here's a tip: for tiny tiny last minute " i wish i'd made that hole moments " {not like you need any tips mate} but what i do is put one of the wife's finest sewing needles into a high speed drill - you don't need much pressure as it goes through like a hot knife

of the wives finest sewing needles into a high speed drill - you don't need much pressure cos it goes through like a hot knife through butter 🍷. I did this for railings on ships and it works a treat, and NO SLOPPY joints either ! Look at me rambling on to the MAN with the JOB 😊 It's all looking COOL my friend 🤖

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere



08-11-2009, 01:37 PM

#36 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Thanks Peter, that's a great tip (NOW you tell me! 😊). I'll definitely file that one away for future use.

Regarding scanning of parts, I would hope that for personal use it would be OK. For such a large and complicated kit it's almost a necessity, as I've already proven with the above. I fear if I "screw the pooch" on something large and complicated, even replicating the parts with my printer isn't going to save me....fingers crossed.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-11-2009, 02:33 PM

#37 ([permalink](#))

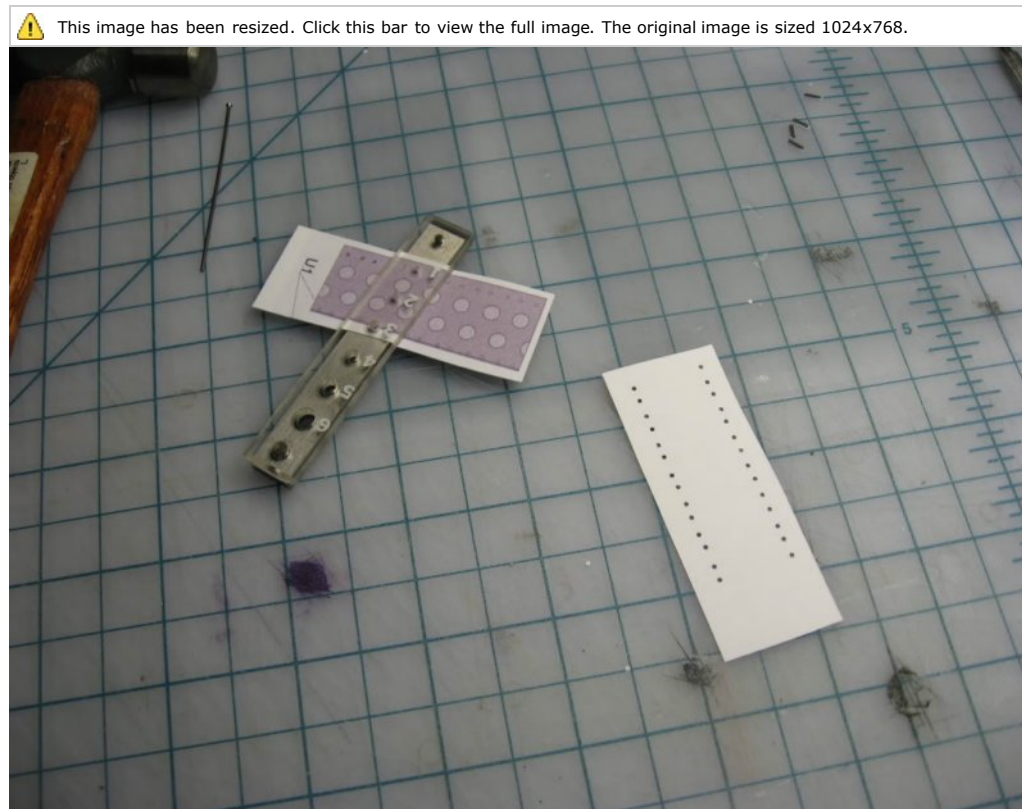


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

The saga continues.....

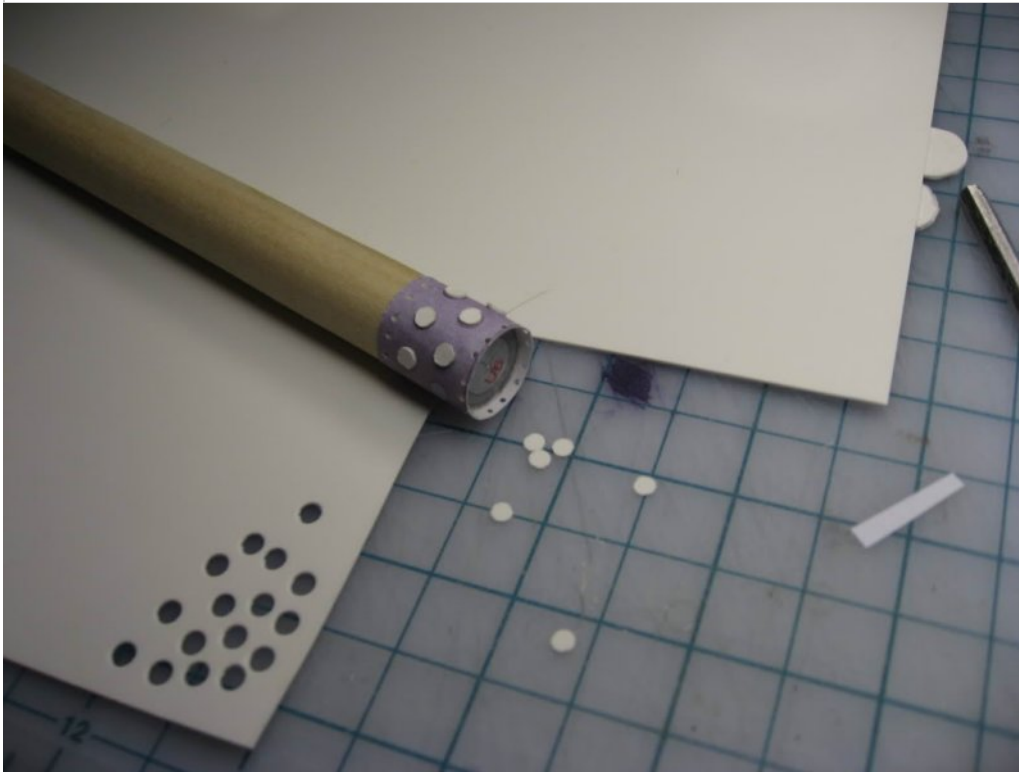
As I mentioned, I re-did the crankcase rolls so I could clean punch the holes for the pushrod pieces:




I'm using a Waldron punch set, intended for use with their instruments faces. Roll Models ([link](#)) bought the Waldron line and markets most of the old stuff, and lists both punch sets, but they're pricey. Micro-mark carries a similar, cheaper set ([link](#)), but you don't get the range of tiny hole sizes as with the Waldron sets. These type of punches are the best to make clean, tiny holes, and works great on card.

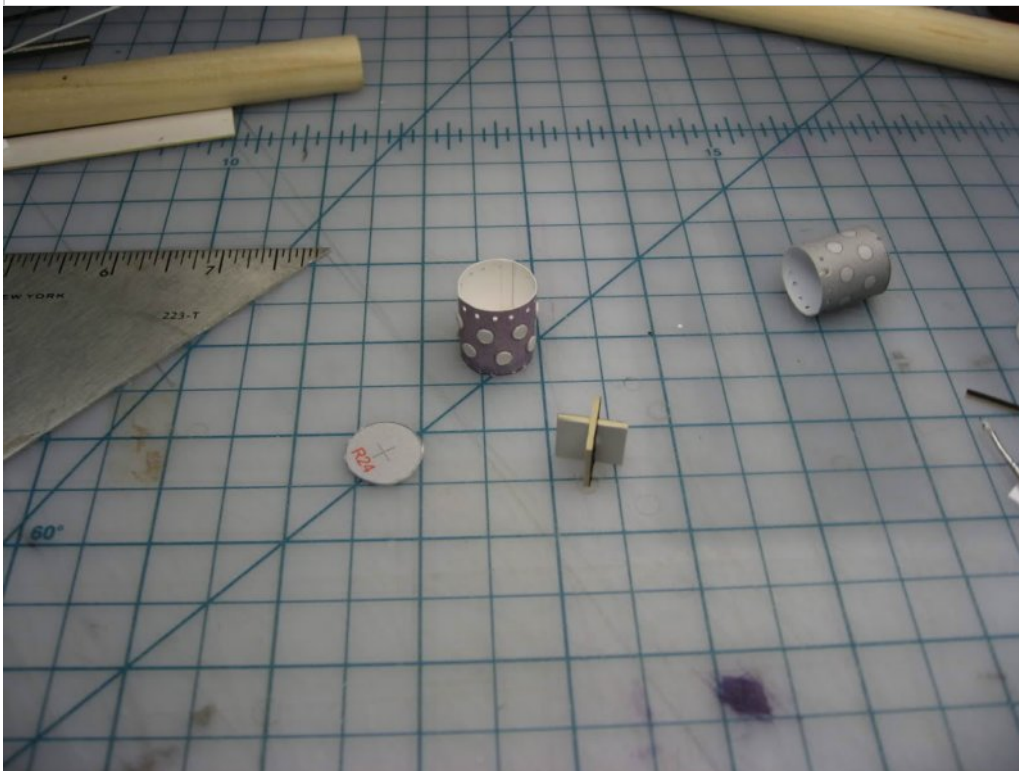
Rolled the part, and used a 5/8" wood dowel to keep it round and to help set the depth of the former. The former should be at the edge of the roll, but I wanted to keep it below the line of holes I just punched, and the dowel helped keep it aligned and true. While on the dowel I punched and glued locator discs where the cylinders will mount, since I'll lose these marks when I paint the whole thing:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




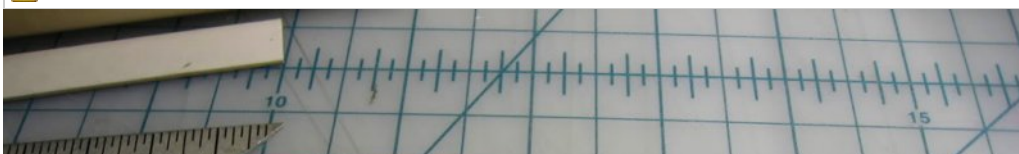
I made a little stand-off piece to help locate the second (rear) former:

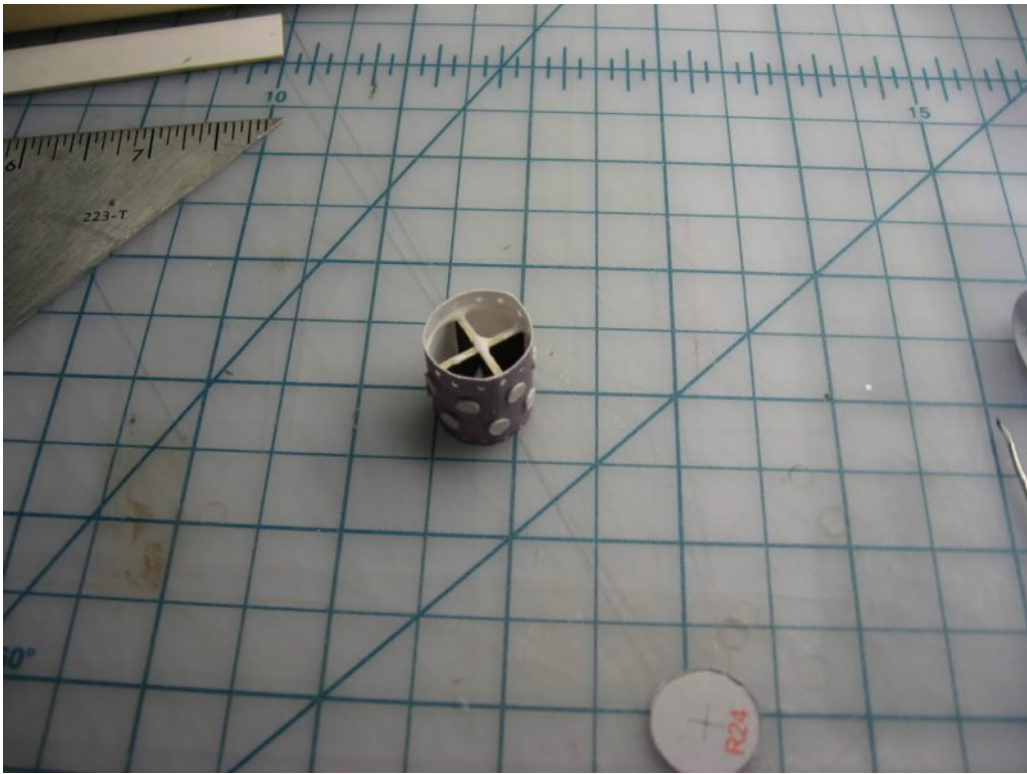
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Run a bead of glue inside below the ring of holes:

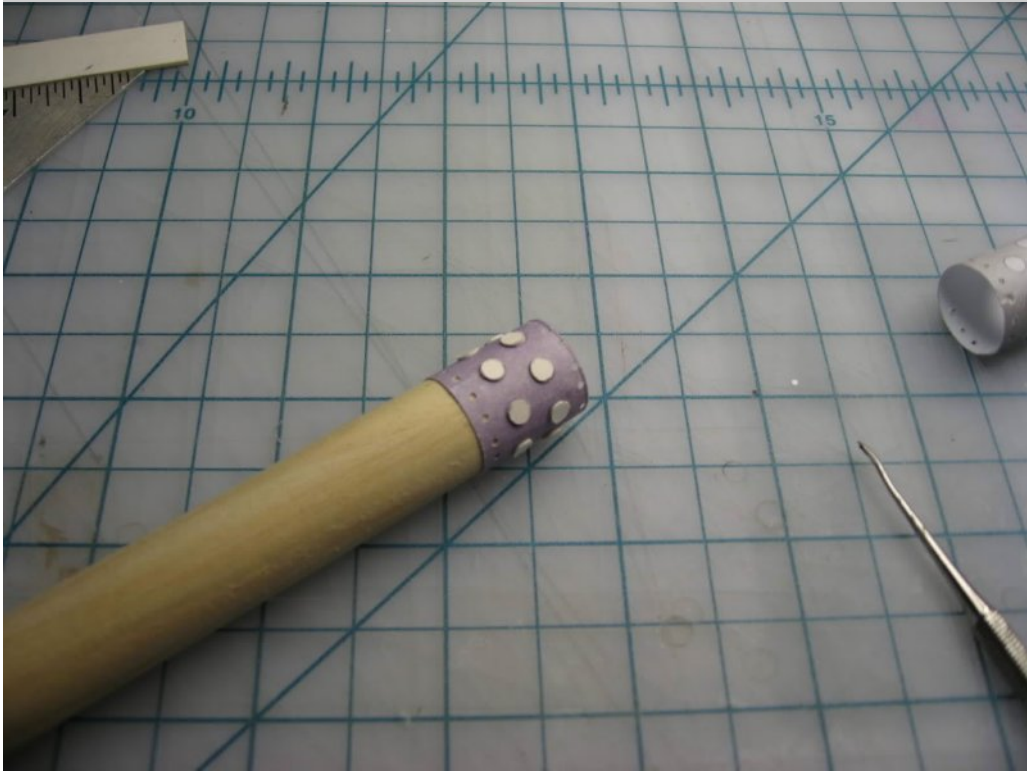
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






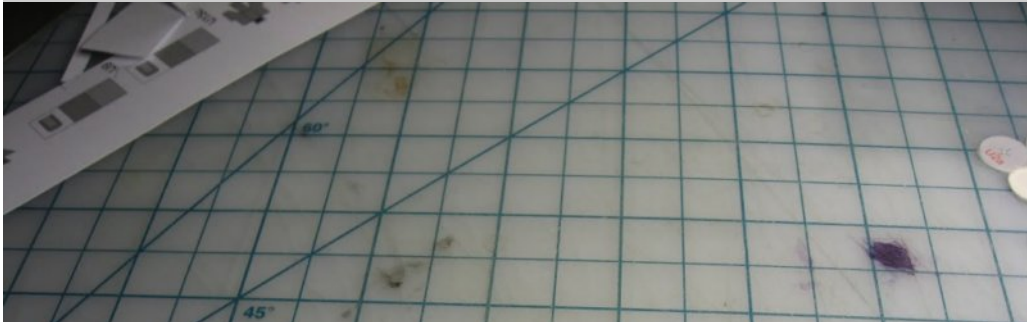
Set the disc with the dowel:

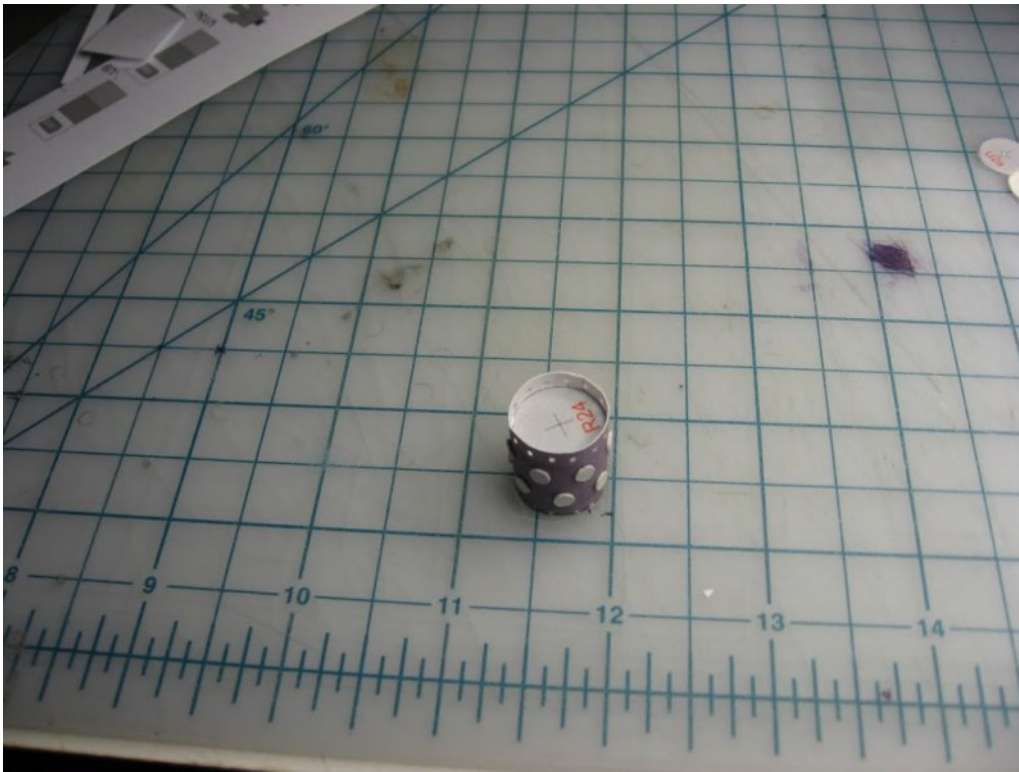
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Good to go:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.





Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-11-2009, 02:57 PM

#38 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

Very useful techniques for producing a superior crankcase, Mike.

Don



08-11-2009, 03:52 PM

#39 (permalink)



spencermitchellmusic
Member

Join Date: Jan 2009
Location: Indianapolis, Indiana
Posts: 79

looking good Mike. It really takes a lot of patients to do such a repetitive job. Even if you make an assembly line out of it. I only had to build one engine for my corsair and my eyes were swimming! I am glad to see someone building the Mitchell it's a great plane and my last name!



08-11-2009, 04:02 PM

#40 (permalink)



dansls1
Aviation Moderator

Join Date: Jul 2007
Location: Mt. Prospect, IL
Posts: 2,888



I'm following this closely for tips - my next build I start is going to be a multi-engined radial engine model and I think I'll learn some stuff that will help 😊

What you have done so far looks good!

-Dan

Remember that proceeds from sales at www.hobbyfactory.com are used to pay for Paper Modelers.com!!



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
5 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)

Page 5 of 75 << First < 3 4 5 6 7 15 55 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ Rating: ★★★★★ ▾ [Display Modes](#) ▾

08-11-2009, 05:42 PM

#41 ([permalink](#)) 

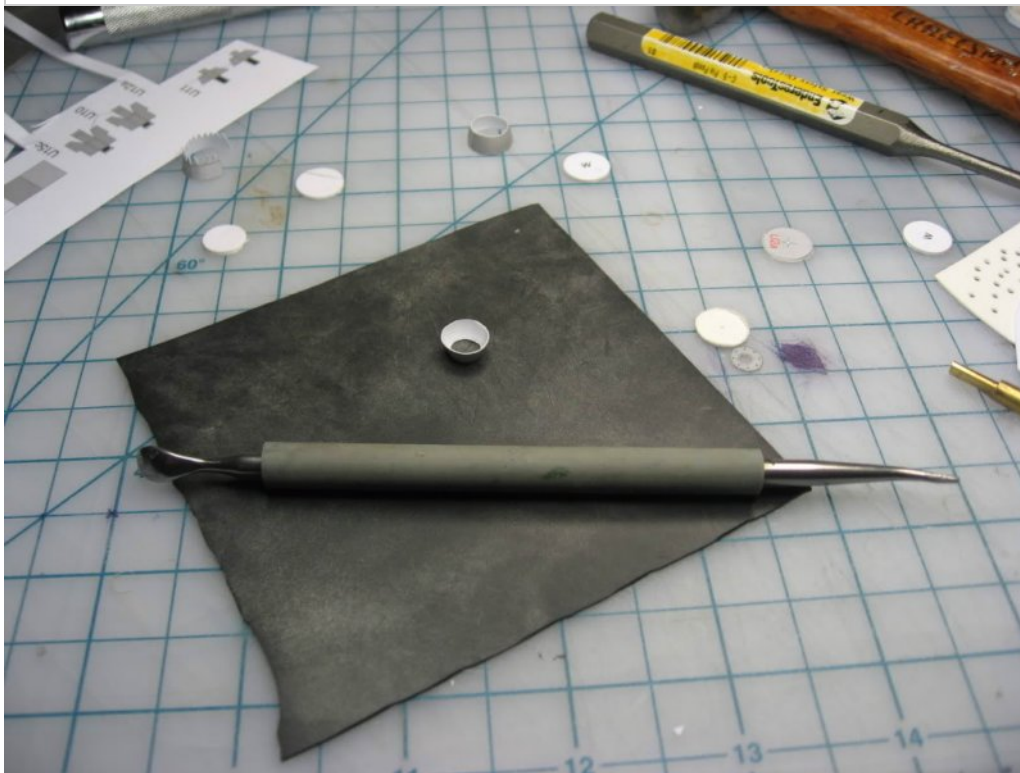
Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

I'm glad you guys are taking something away from all this, and like other long term builds I've seen on this forum, your words of encouragement are the most valuable commodity towards completion. This thread is already 4 pages long and I haven't even finished one engine! I'm sure someone out there is shouting at his monitor "just finish the D@#% thing already!!!!"

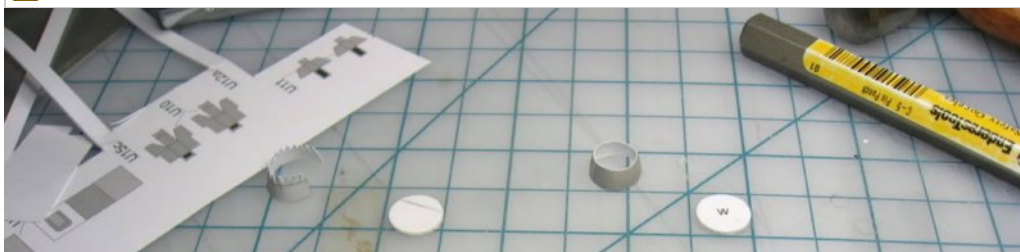
Had these images already loaded onto my photobucket account, so a quick update. The reduction gear housing of Wright Cyclones are rather bulbous, and Orlik has broken this part down into two conical shapes. I wanted to help these parts along towards a more rounded shape, like what some modelers do to aircraft cowlings. The tool pictured below is a "modeler" from my old arsenal of leathercraft tools (I was a leathercrafter many moons ago). It's a pretty useful tool in paper modeling. One end is pointed but blunt, and makes a great stylus for scoring and folding, the other end is spoon shaped:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




On a piece of thin rubber (a chunk of an old bicycle inner-tube will do), I use the spoon side of the tool to mold the two pieces to give them a more spherical shape:

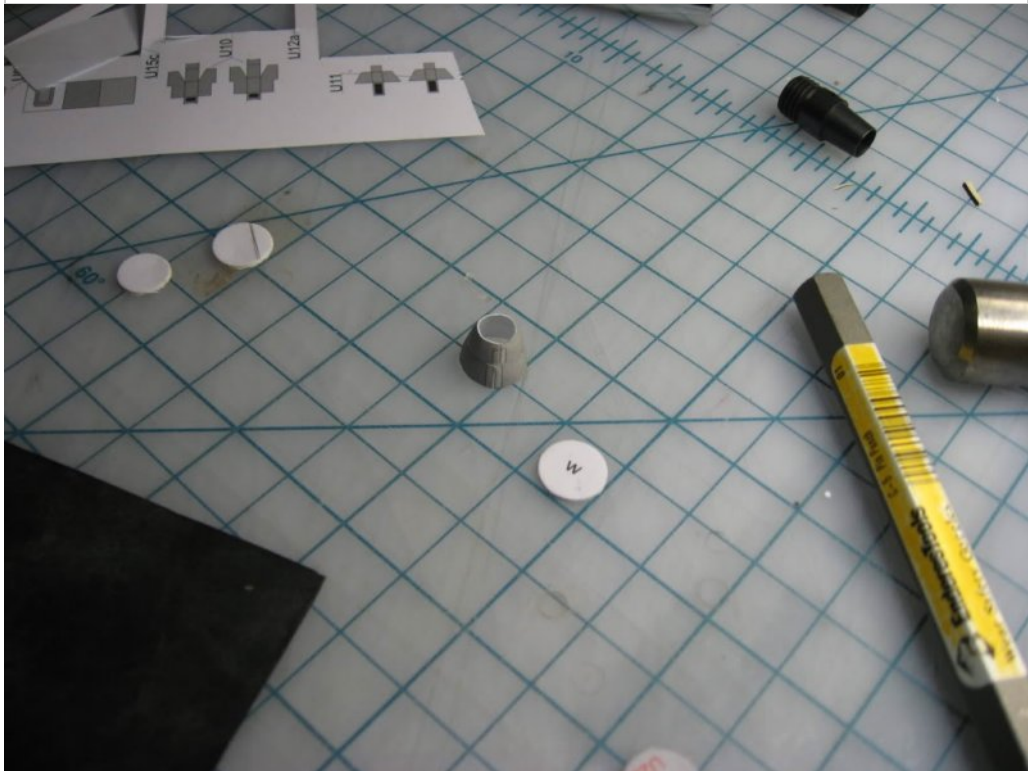
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




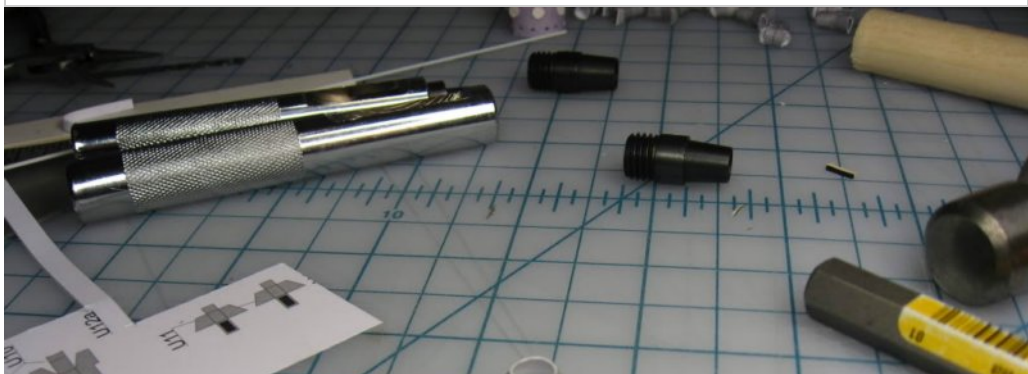


The more you work it, the more circular the pieces become as well, and they stack nicely, even without the internal formers and connectors (which will be added later):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





That's it for now. Maybe another update tonight.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-11-2009, 05:56 PM



redhorse
Member

#42 ([permalink](#))
Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,625

No, don't finish it too fast. Take your time and share more techniques and photos!! This is great!

Jim



08-11-2009, 06:42 PM



peter taft
Member

#43 ([permalink](#))
Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001



Quote:

Originally Posted by **redhorse**
No, don't finish it too fast. Take your time and share more techniques and photos!! This is great!

Well, as with all the guys watching this beauty come together in front of our own eyes... sometimes being rubbed to look again to make sure you actually did see that.... I'm in for the long haul and whatever time it takes, this will and is one of my favourite build threads for ages.... So, hey like **our Redhorse** says "**Don't rush it**" - we're enjoying this a whole lot 😊

THE MITCHELL - BY BOMARC - A LEGENDARY AIRCRAFT IN CAPABLE HANDS 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS



08-11-2009, 07:39 PM

#44 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,934

This is great stuff! I love the tips builders bring from other hobbies. It helps us all improve and expand our skills.

Ron S.



08-11-2009, 07:42 PM

#45 ([permalink](#))



birder
Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 1,920

Nice!! Mike your engines look great! Those head covers are so many...I agree with the production line method fully. And the advice on shortening the cylinders, I was wondering on the La5 if the cylinders were intended to enter partially into the block as they were clearly too tall, but as Carl said just cut them shorter 2-3 mm. Watching with pleasure your progress!

Glen



08-11-2009, 11:24 PM

#46 ([permalink](#))



mark
Member

Join Date: Jun 2009
Posts: 15

Thanks! I just placed an order for the punches. Hopefully no more vaguely circular cuts with scissors or a blade.



08-12-2009, 12:19 PM

#47 ([permalink](#))

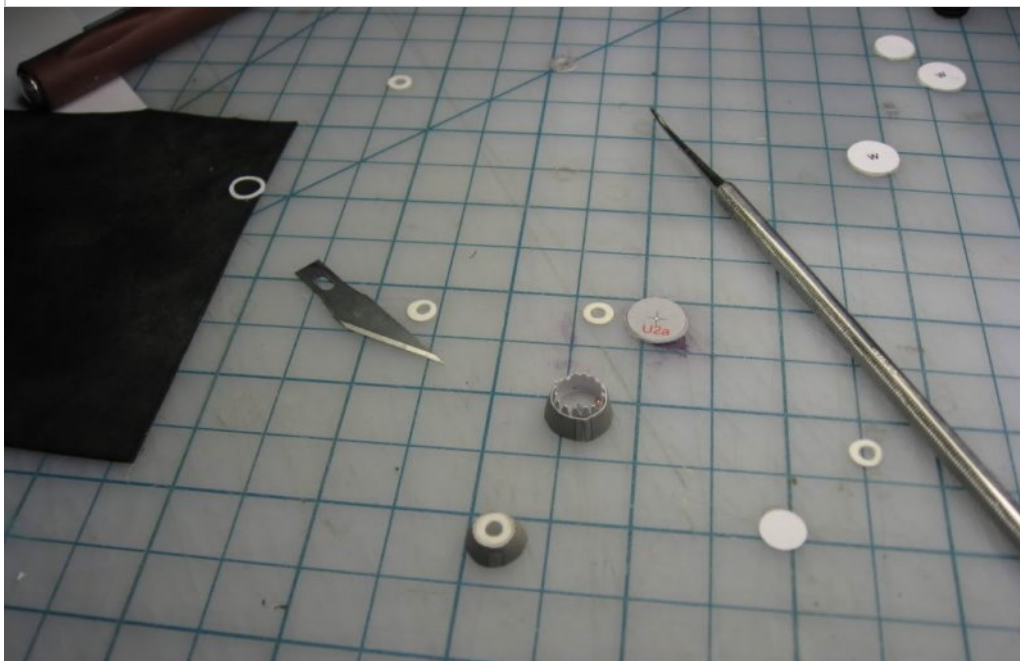


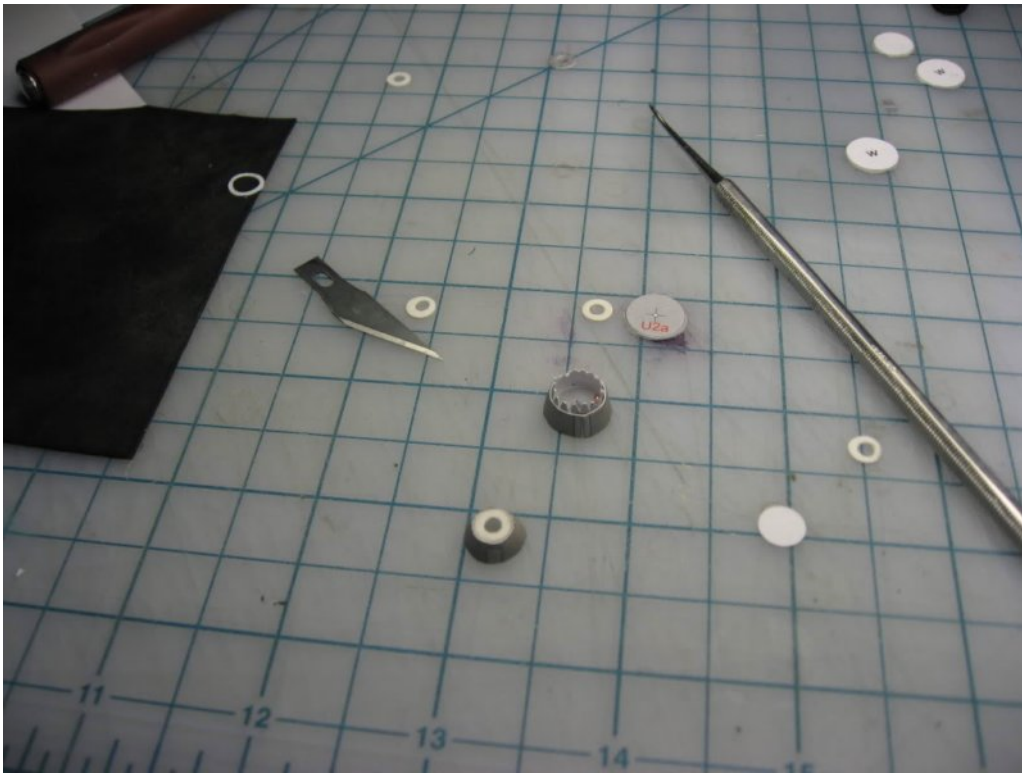
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Worked on the reduction gear housing some more. I deviated a bit from the Orlik parts in an attempt to make the nose of the engine a little more believable. Punched out some formers and installed them:

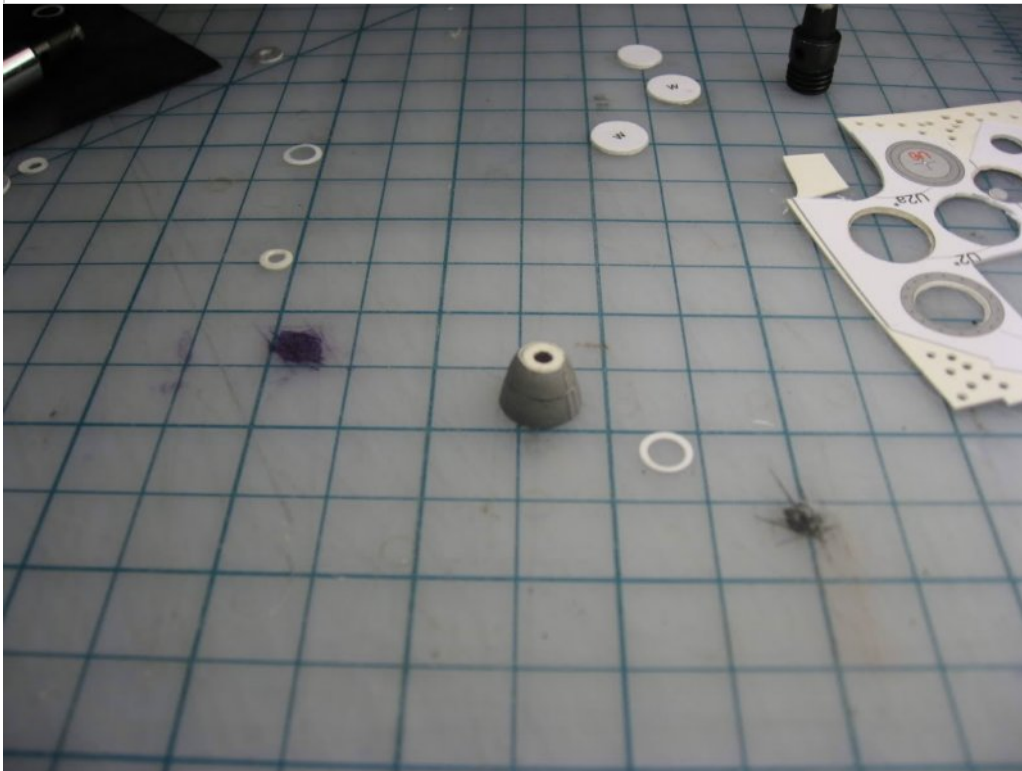
This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





I punched a hole in the middle for an actual propeller shaft, vice the straight pin Orlik wants you to use for the propeller (I hate that, really cheesy). Here are the two halves assembled with a ring I punched to go on the front to simulate a flange:

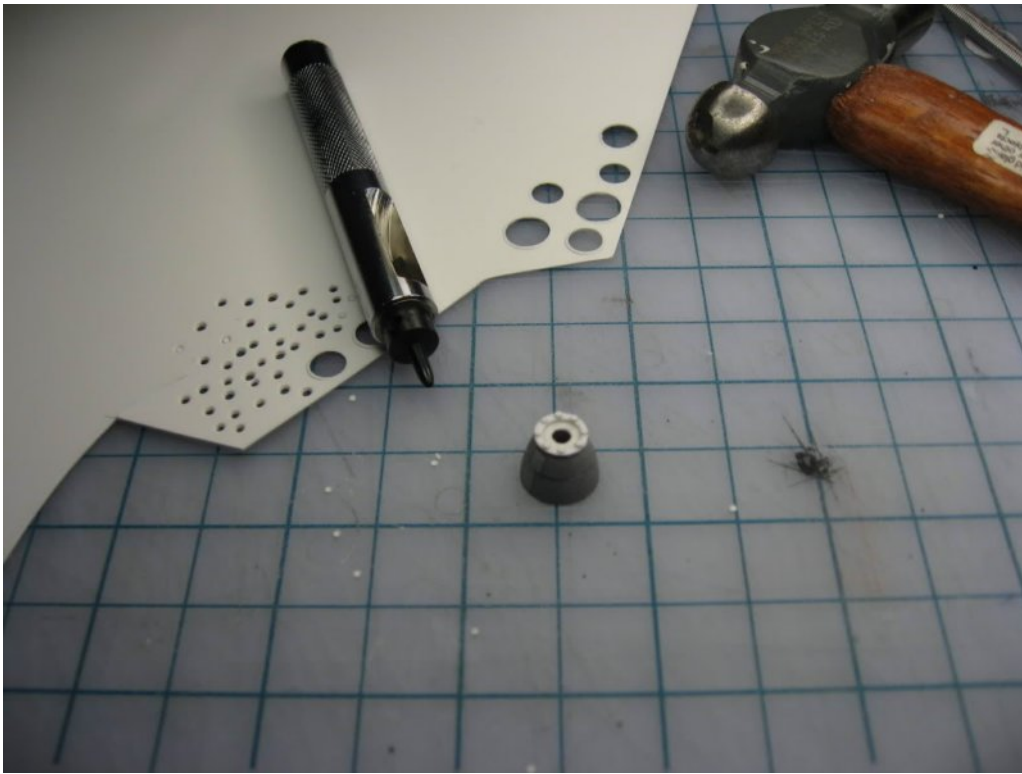
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Using the "00" sized punch of the Tandy set, I made a bunch of "bolt" heads to spruce up the front end:

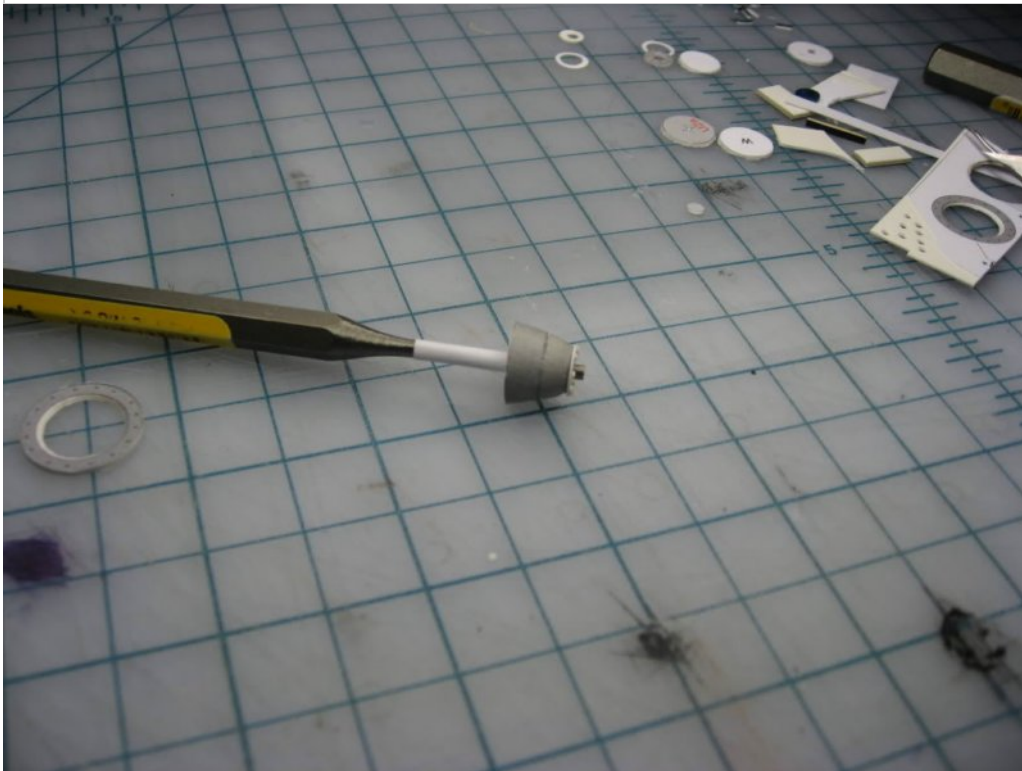
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




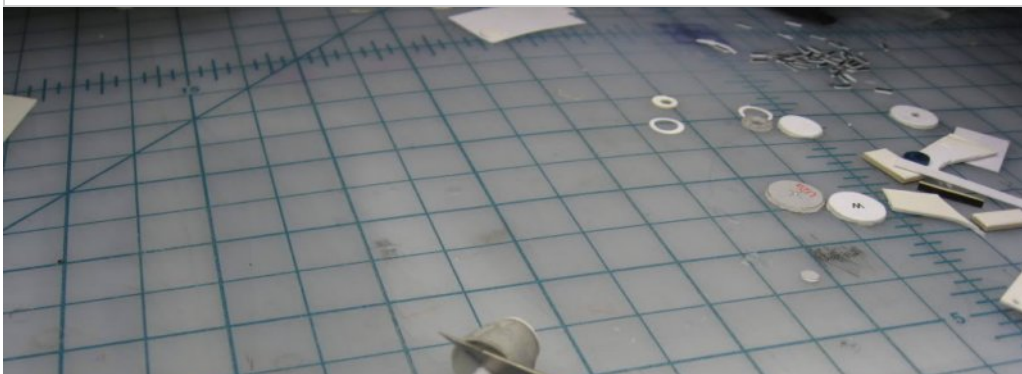


With a 3/32" pin punch, I rolled a tube that I inserted into the center hole with just a little protruding out the front. Then the excess was cut off the rear using the punch to cut against:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

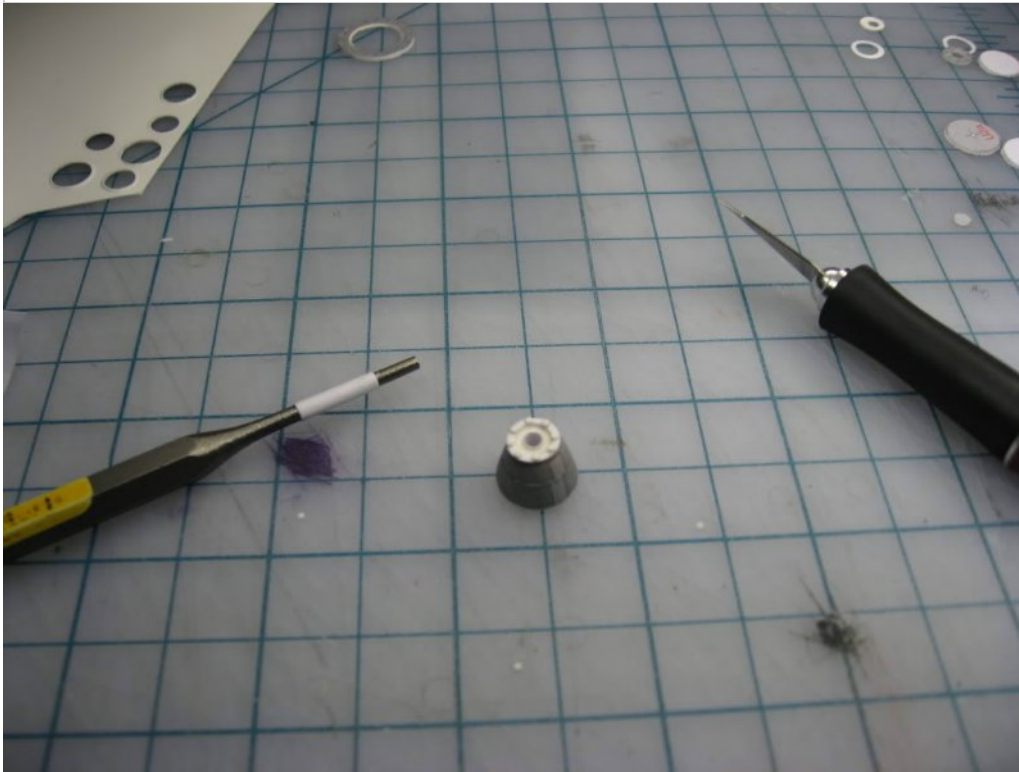


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



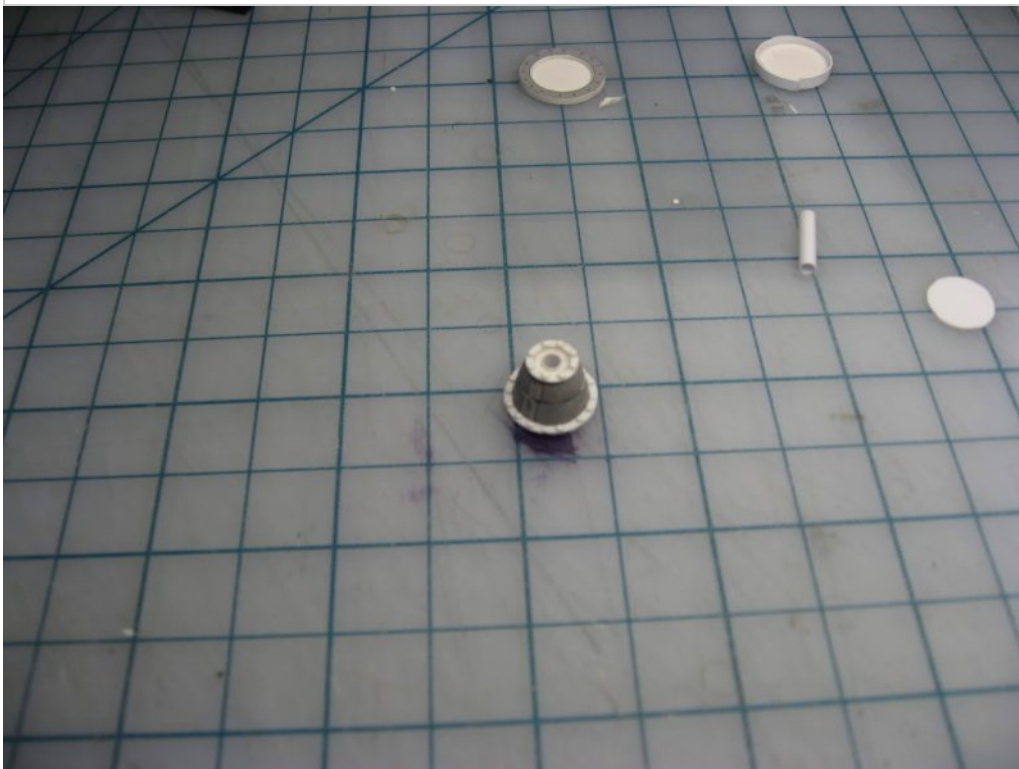


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




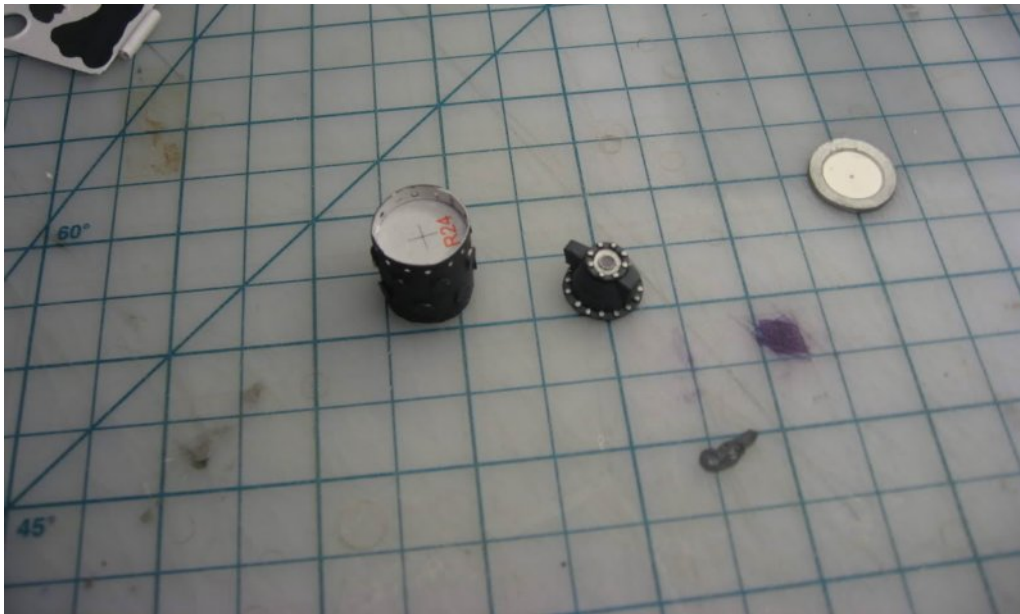
I'm going to use the Orlik supplied part that is supposed to be the back flange of this assembly (part U3) for the ignition wire collecting ring, and made a new smaller flange for the base of the nose, detailed the same as the front piece:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Added the couple of accessory pieces, painted the whole dark gray with some silver highlights, and I'm calling this part done:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



As can be seen, I also painted the crankcase dark gray, and the now converted collecting ring silver (off to the right). The nose piece will sit in that.

Starting to look something like a radial engine.....


Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 08-12-2009 at 12:21 PM. Reason: You have to ask? Grammar, what else?





 08-12-2009, 12:37 PM



peter taft
Member

#48 ([permalink](#)) 

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Like i said my friend.... "in very capable hands" You are making this YOUR OWN, and i am  at the level of precision - Brilliant Mike, just brilliant 



08-12-2009, 12:40 PM

#49 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

Thanks Peter. Now I just have to remember what I did so I can make the *second* one! 😞

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-12-2009, 12:49 PM

#50 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

I love engine builds, and this is one of the true classics. The rolled tube bushing advice is worth the price of admission in itself.

Back in the 50s, I used to pour over Wylam plans of engines and actually tried without success to build a few for my models. Here in this Forum, I get to watch some real masters (Rick Whitt, Glen, Carl, Leif Ohlsson, Shrike, and Mike Krol, to name a few) build engines (and have been inspired to start work on the simplified Wright J-5 for the Peter Zorn *Spirit of Saint Louis* that I picked up last week at the Franklin Institute).

Don



Page 5 of 75 << First < 3 4 **5** 6 7 15 55 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply?

Show your signature

Post Quick Reply

Go Advanced

<< [Previous Thread](#) | [Next Thread](#) >>

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
5 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)

Page 6 of 75 << First < 4 5 6 7 8 16 56 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ Rating: ★★★★★ ▾ [Display Modes](#) ▾

08-12-2009, 02:05 PM

#51 ([permalink](#)) 

peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Quote:

Originally Posted by [Don Boose](#) ▾
I love engine builds, and this is one of the ***true classics***. *The rolled tube bushing advice is worth the price of admission in itself.*

Back in the 50s, I used to pour over Wylam plans of engines and actually tried without success to build a few for my models. Here in this Forum, I get to watch some real masters (Rick Whitt, Glen, Carl, Leif Ohlsson, Shrike, and Mike Krol, to name a few) build engines (and have been inspired to start work on the simplified Wright J-5 for the Peter Zorn Spirit of Saint Louis that I picked up last week at the Franklin Institute).

Don

This is exactly what we fellow modellers want to hear Don ! If you get inspiration from anyones work, that in its self is a compliment, and Mike will be getting plenty of them here with what he is giving us - a truly SENSATIONAL build of one of the FINEST aircraft to ever bless the skies with her presence.

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  

08-13-2009, 03:28 AM

#52 ([permalink](#)) 

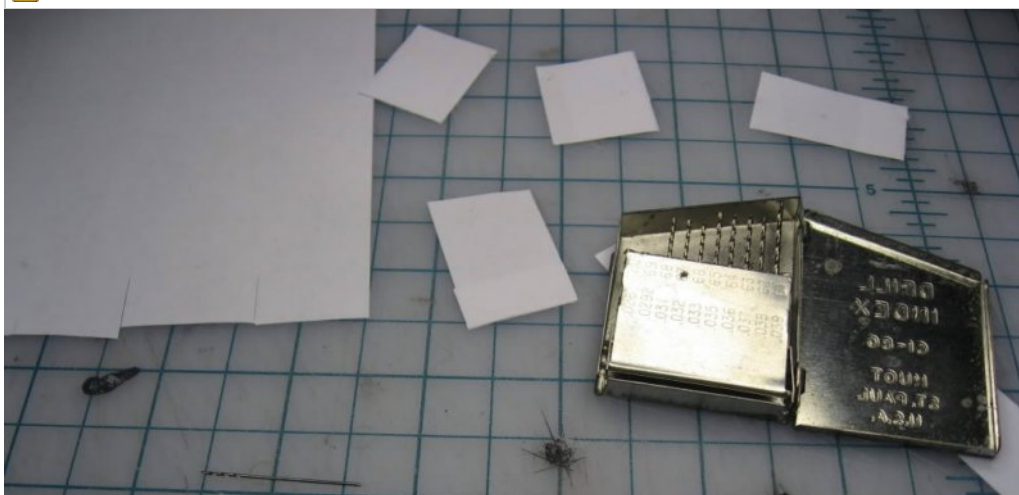
Bomarc
Member

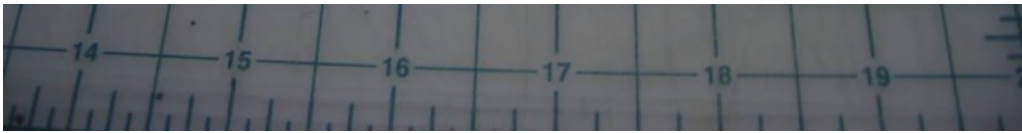
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

I had to re-think the way I was going to make the ignition wire and its collector ring and discarded the Orlik part I previously modified and devised my own. For the wire themselves, I'm using thing solder wire, a favorite of the plastic model crowd for detailing. I wanted to make the sockets the wires emerge from on the ring, so I needed to roll tiny tubes. Here's a quick method I came up with.

If you have a micro sized drill set (numbers 60 thru 80), take out the 72 or 73 bit:

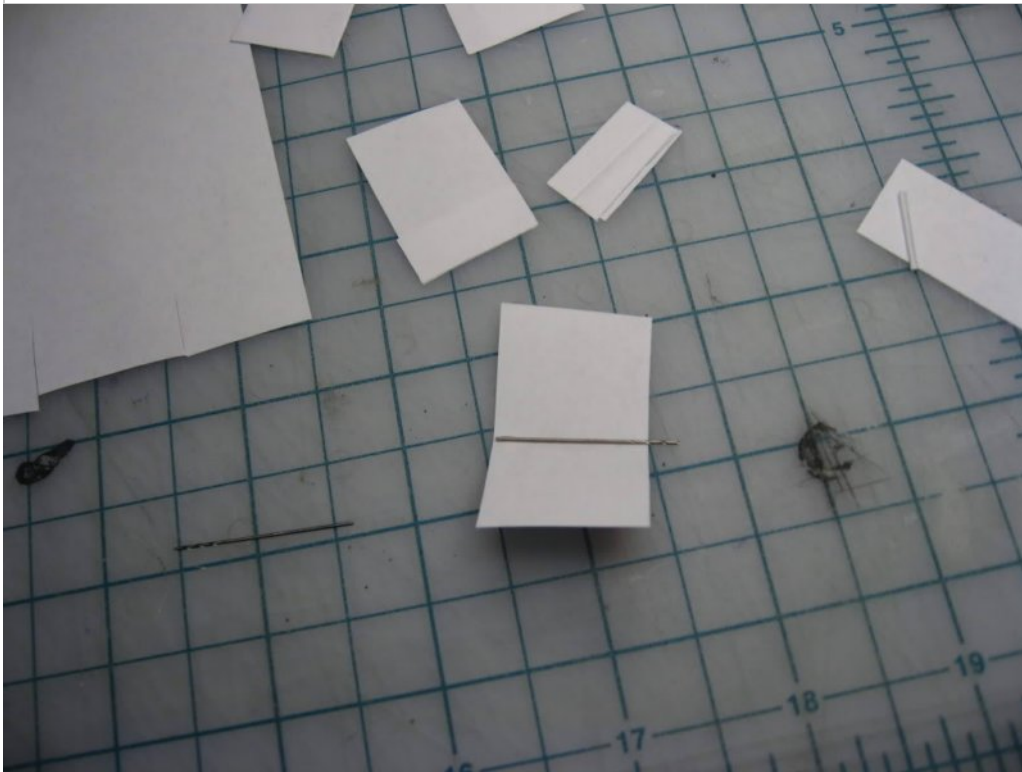
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





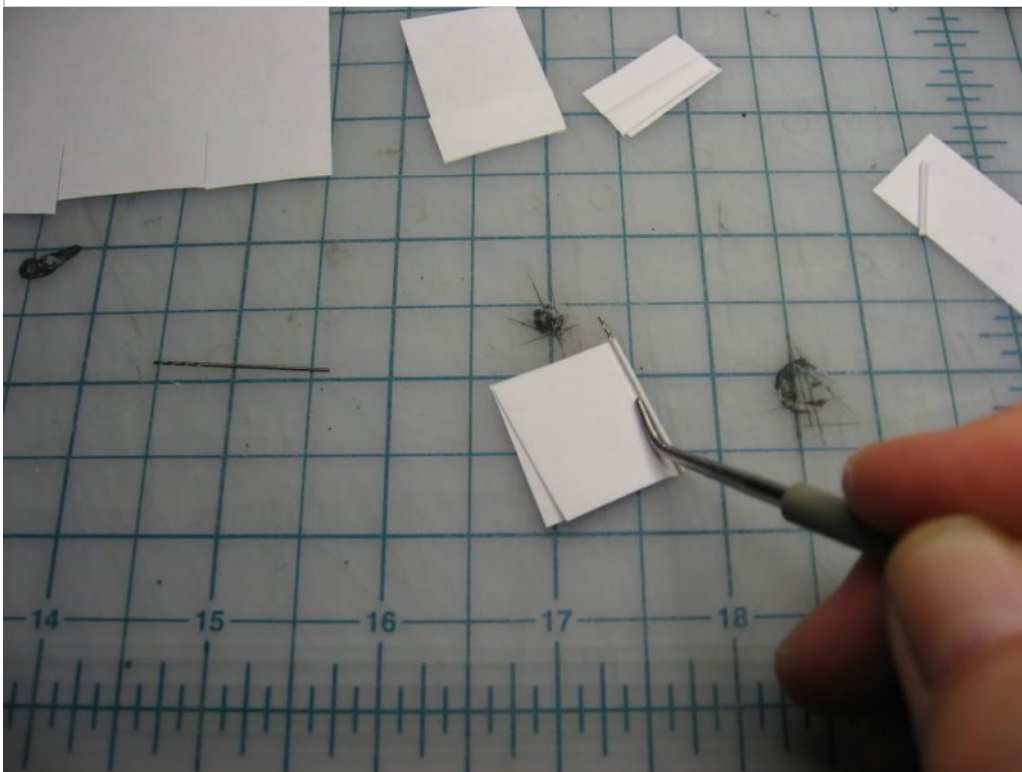
Using 20lb printer paper cut to a width slightly less than the length of the drill bit. Fold the paper in half, spread some Elmer's glue in the valley of the fold, and lay the bit in there too:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



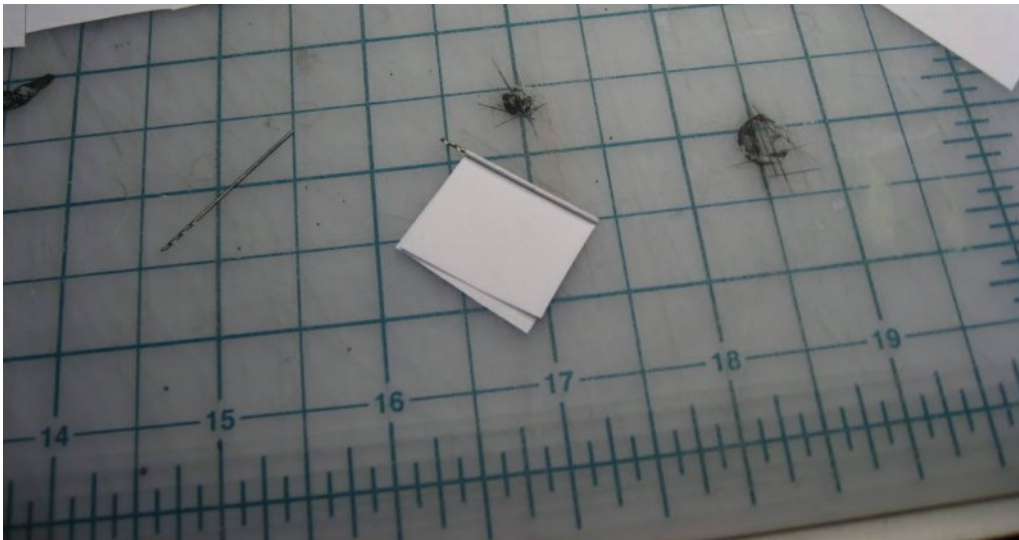
Fold over the paper, and then run your stylus tool up against the drill bit tightening the now moist paper around the bit. A little glue coming out the sides is a good thing. Then fold over the paper with the drill inside back onto itself. Let it dry completely:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




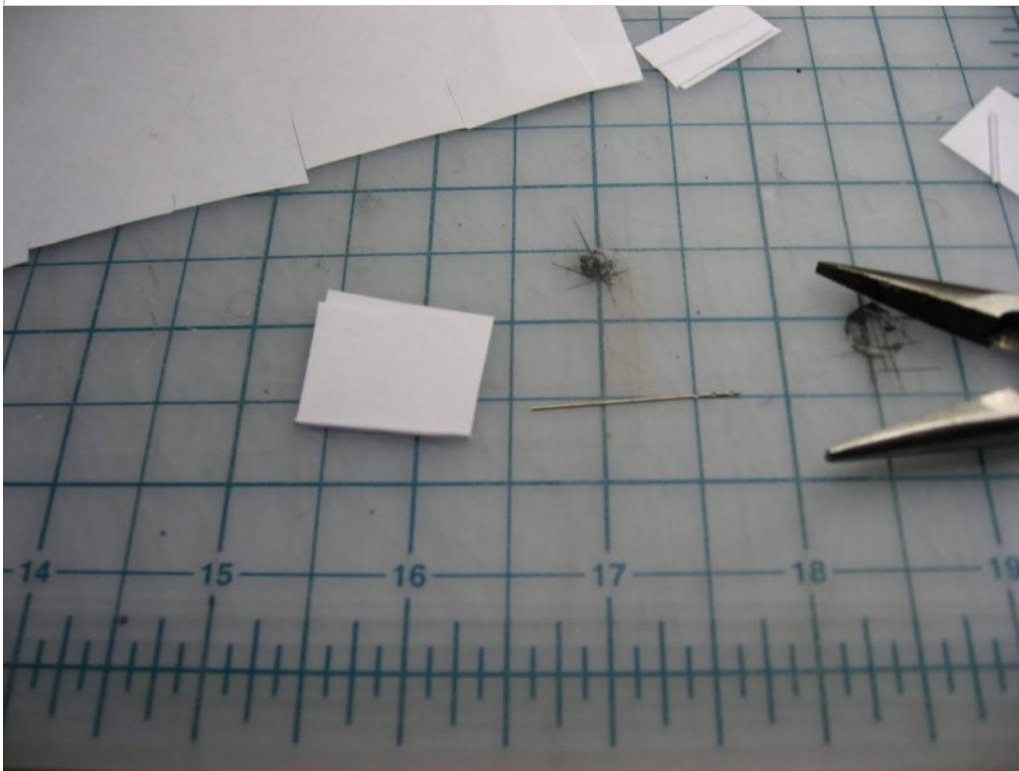
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



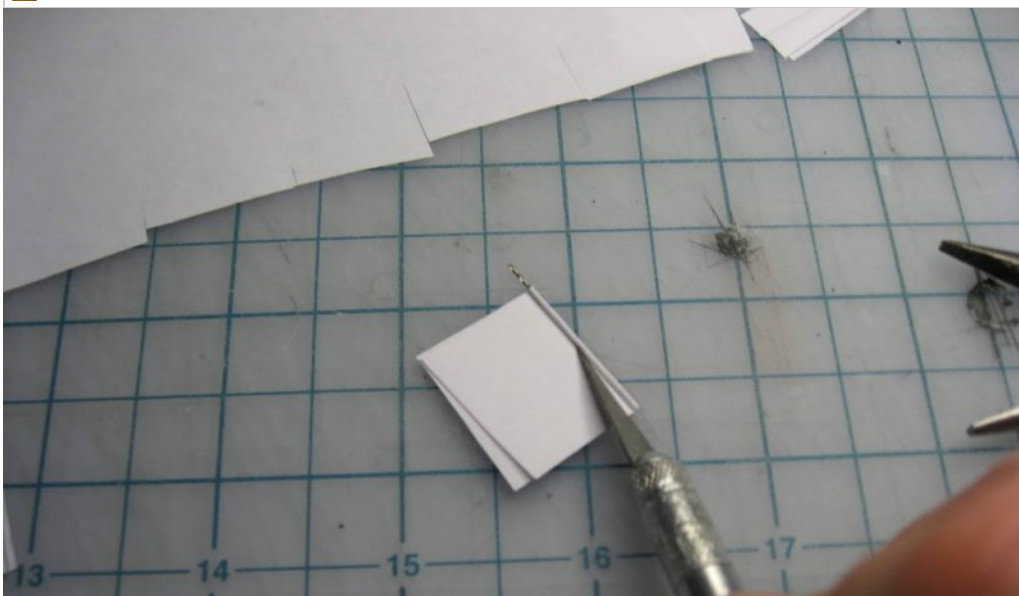


Once dry, Take a pair of pliers, and with a twisting action, remove the bit from the roll, then reinsert it. Run your knife blade along the edge to cut off the excess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

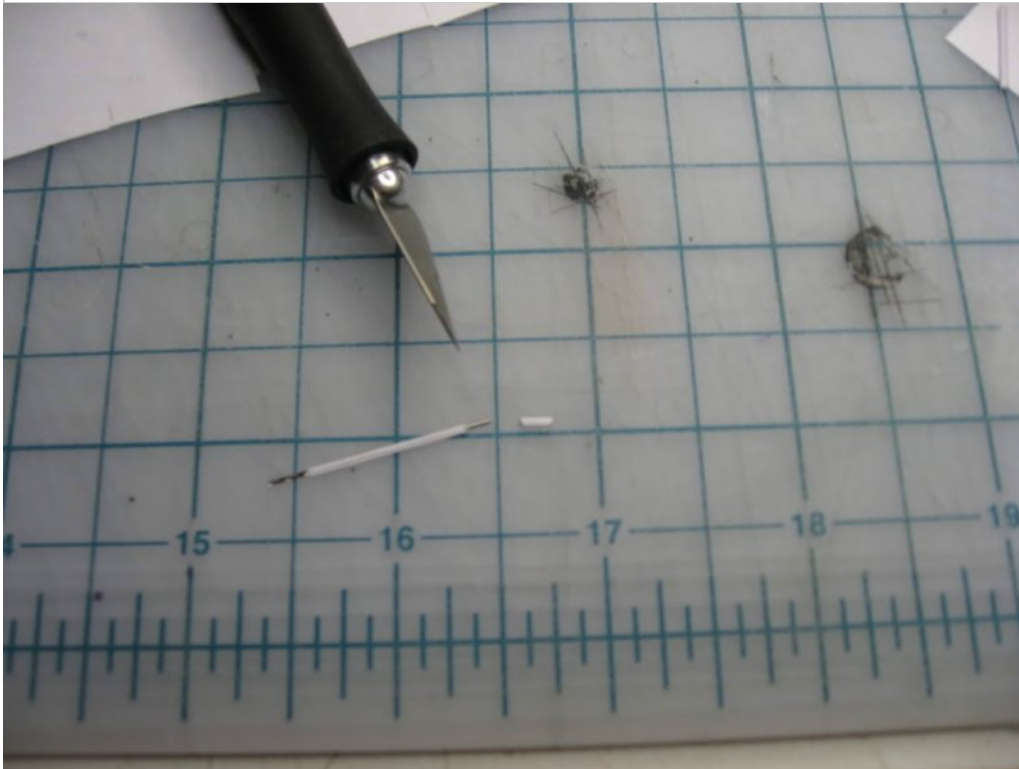


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



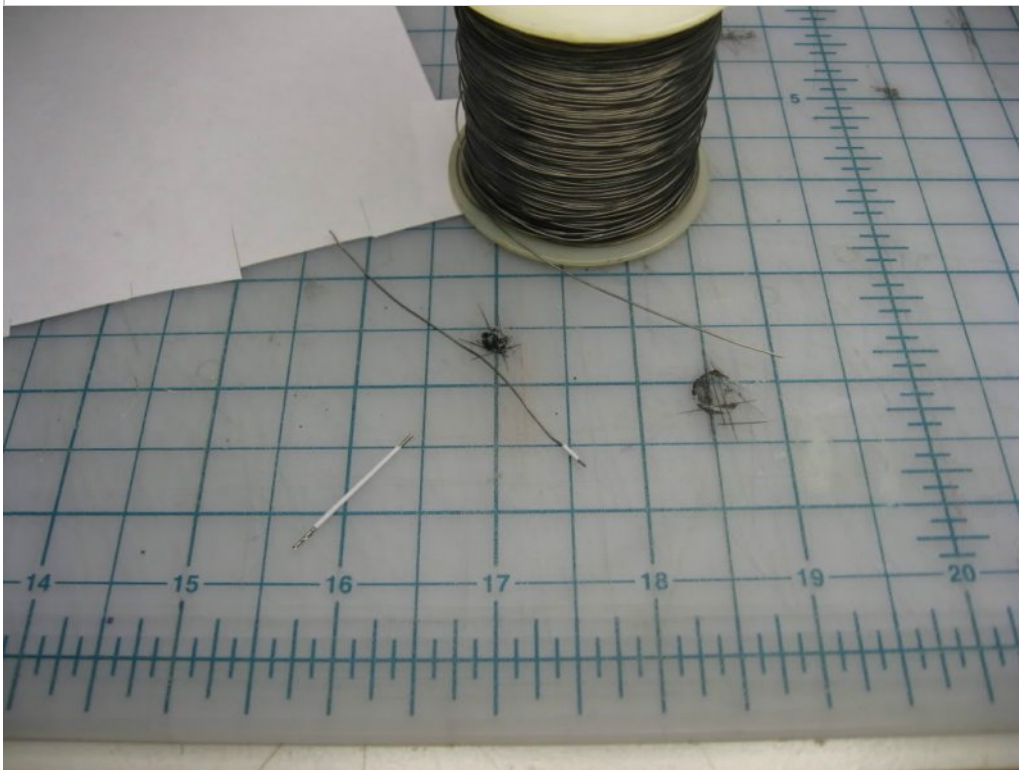
I needed short 1/8" long pieces, which I cut still on the drill bit to keep the tube from collapsing (ruins a knife blade pretty quick):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



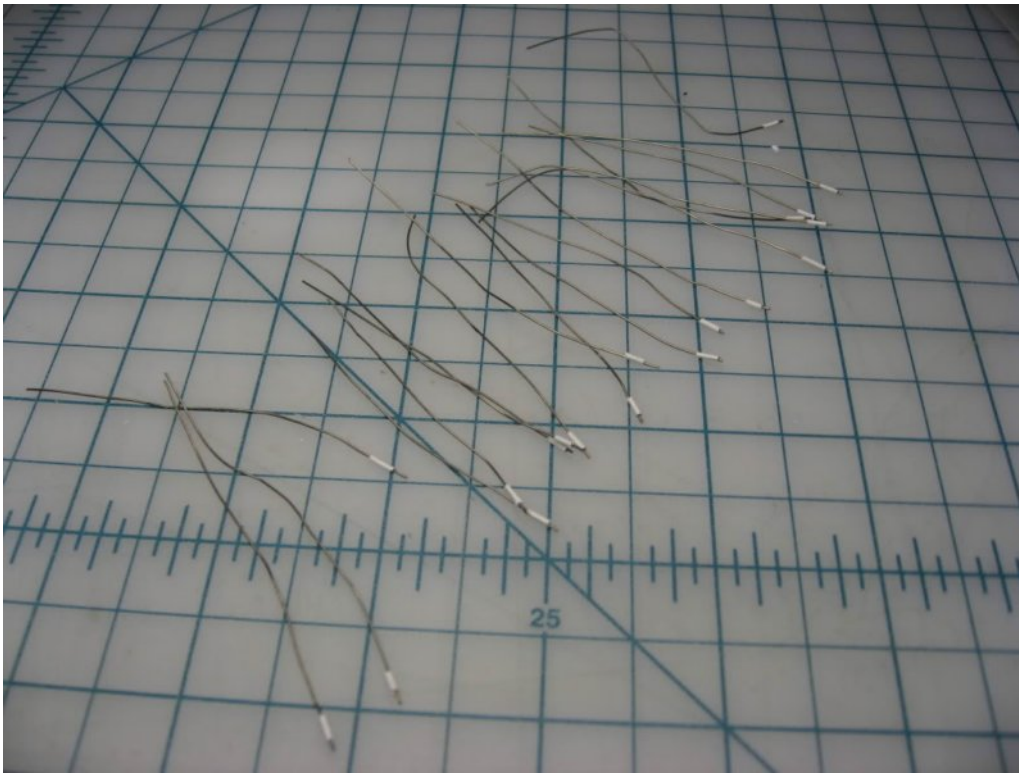
Then I slid the tube onto one end of the solder wire and glued it:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I made a lot of them:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



In my next post, I'll show you what I did with them all.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-13-2009, 04:03 AM



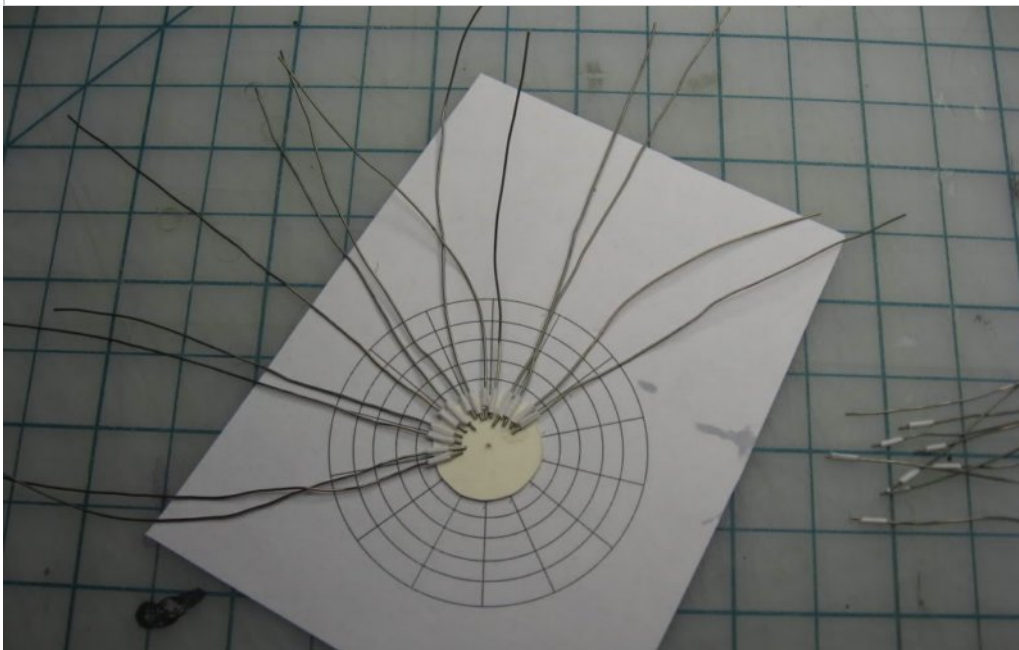
Bomarc
Member

#53 ([permalink](#))


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 444

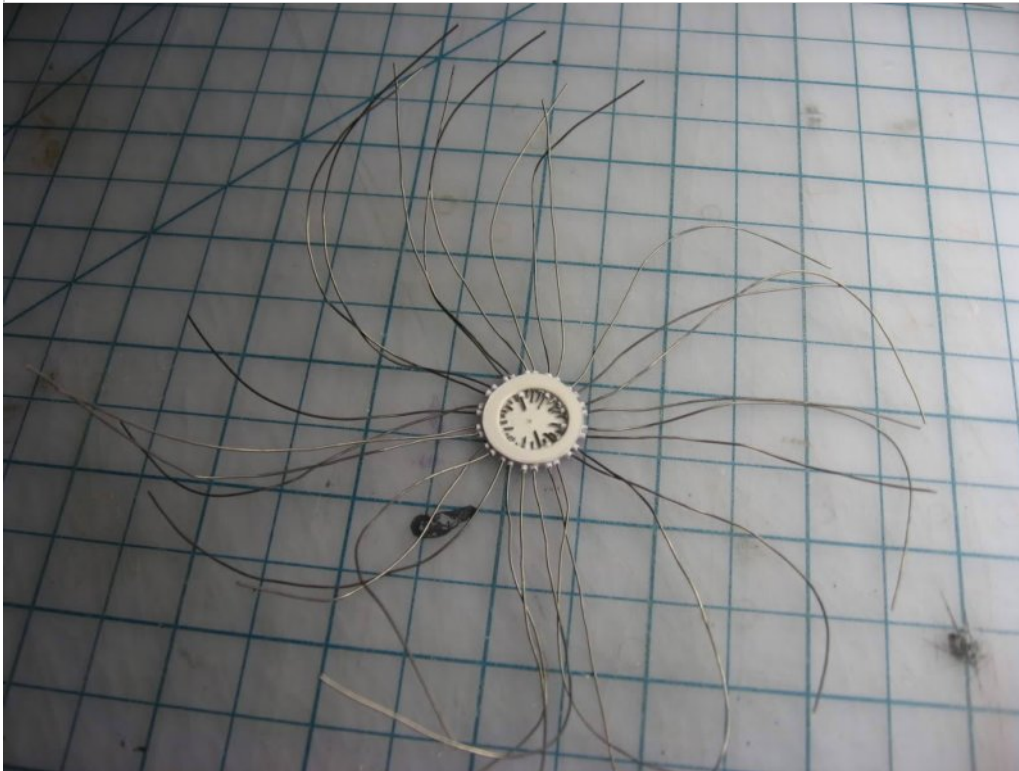
So, I cut out a disc the same size as the now discarded Orlik part from 0.5 mm card. I tack it to the center of a simple alignment drawing I made in AutoCAD which represents the 14 centerlines of the engine cylinders. Then I paired two of my solder wire creations around each line, glue them to the disc, and worked my way around:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




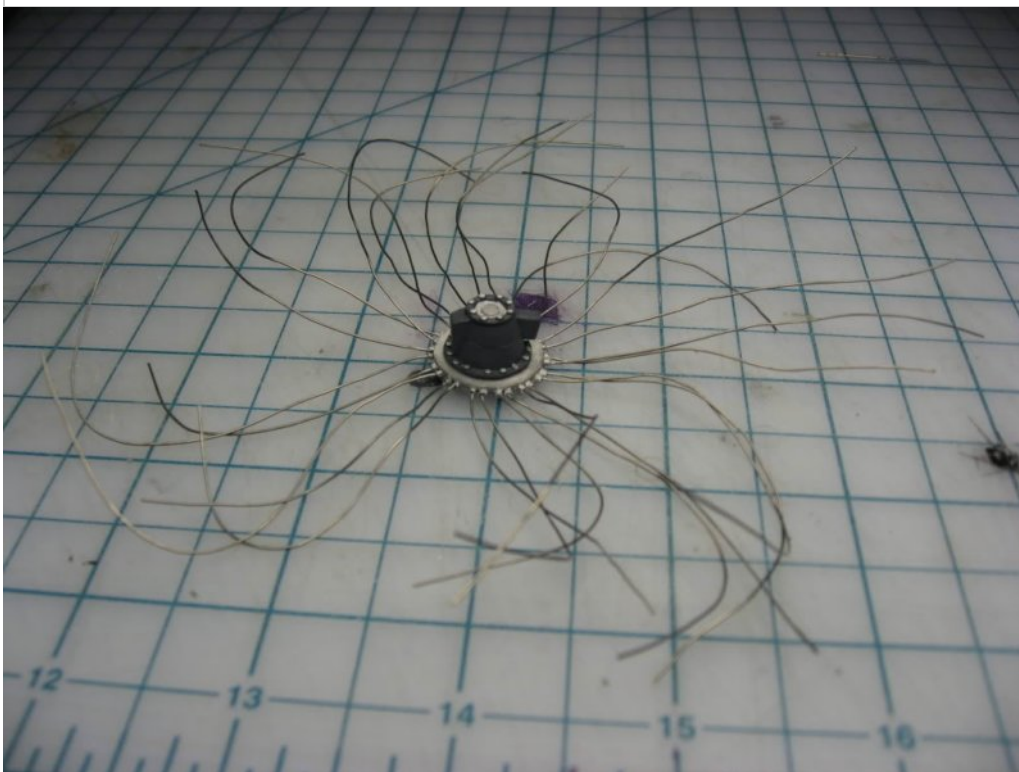
Glued a ring of the same size on top of the whole thing:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Then I filled the gaps between the tubes with Aleen's Tacky glue, and when dry painted the ring silver. Here it is with last night's effort:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I'll paint the wires a shade of brown to represent the copper tubing later.

That's it for tonight!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>

08-13-2009, 04:16 AM

#54 (permalink) ⚠



redhorse
Member

Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,625

Now *that* is slick!!!

Jim

08-13-2009, 07:33 AM

#55 (permalink) ⚠



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,934

Mike, you are setting a new standard for all paper radial engines! These are invaluable techniques you are sharing - thanks!!!

Ron S.

08-13-2009, 08:40 AM

#56 (permalink) ⚠



pahorace
Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 338

Extraordinary, interesting ideas ...
... not only for engines.
Thanks for sharing.

Orazio

08-13-2009, 11:09 AM

#57 (permalink) ⚠



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Dedication - i said DEDICATION ! 🤖 this is going the extra mile, and SO WELL WORTH IT 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

08-13-2009, 01:47 PM

#58 (permalink) ⚠



spencermitchellmusic
Member

Join Date: Jan 2009
Location: Indianapolis, Indiana
Posts: 79

looks great. I would have never thought of using Solder. Thanks for sharing your knowledge with us.

08-13-2009, 03:57 PM

#59 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

I can only echo Ron: setting the standard . . . invaluable techniques.

Don



08-13-2009, 04:22 PM

#60 (permalink)

Wily
Member

Join Date: May 2009
Posts: 134

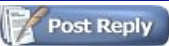
This thing is going to become a jewel.

bomarc, if I knew you any better, I'd tease you that you were not human but a member of an alien race of craftsmen far more evolved than human imagination.



Wow.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



Page 6 of 75 << First < 4 5 **6** 7 8 16 56 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
 You **may** post replies
 You **may** post attachments
 You **may** edit your posts

BB code is **On**
 Smilies are **On**
 [IMG] code is **On**
 HTML code is **Off**
 Trackbacks are **On**
 Pingbacks are **On**
 Refbacks are **On**

[Forum Rules](#)

Forum Jump

Aviation

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
6 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)

Page 7 of 75 << First < 5 6 7 8 9 17 57 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating: ★★★★★](#) ▾ [Display Modes](#) ▾

08-13-2009, 05:05 PM

#61 ([permalink](#)) 

John Bowden 
Member

Join Date: Jul 2007
Location: Ridgeland, MS USA
Posts: 781

ummmm..... can we rent all the jigs you are using when you are finished, so we can attempt this?

Seriously..... great modeling techniques and great "outside of the box" thinking. Oh and the end results ain't half bad either!

www.dgapapermodels.com

[My Drawings](#)



08-13-2009, 05:33 PM

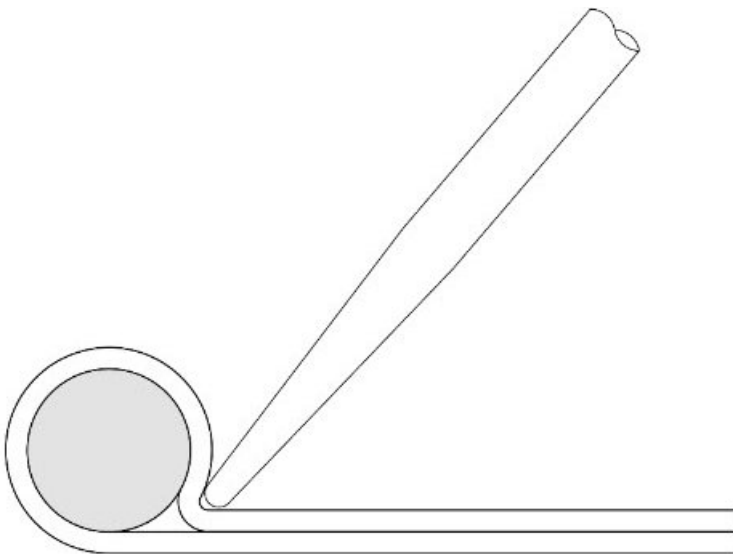
#62 ([permalink](#)) 

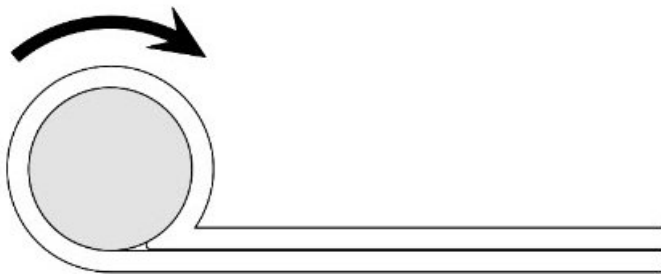
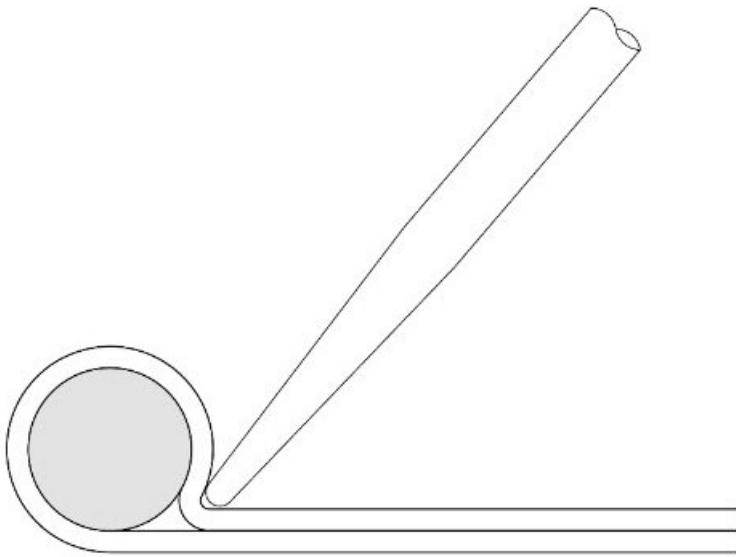
Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

Glad everyone's enjoying the trip so far. Lot's of scenery still ahead....

In looking over my steps in rolling a tiny tube, I'm not sure I was too clear about folding the paper "back onto itself" (sometimes, me no write so gud). I put together this little graphic in the hopes it will be clearer:





Clear as mud now, right?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-13-2009, 05:52 PM

#63 ([permalink](#))



eatcrow2
Member

Join Date: Jul 2007
Location: Santa Monica, CA
Posts: 464

Great diagram Mike.. Crystal clear to most I would think. Wonderful work that your doing, and your SBS's are going to be real helpful to anyone one else tackling this model.

Peter Crow
Santa Monica, Calif.
<http://www.picturetrail.com/eatcrow2>



08-14-2009, 02:59 AM

#64 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

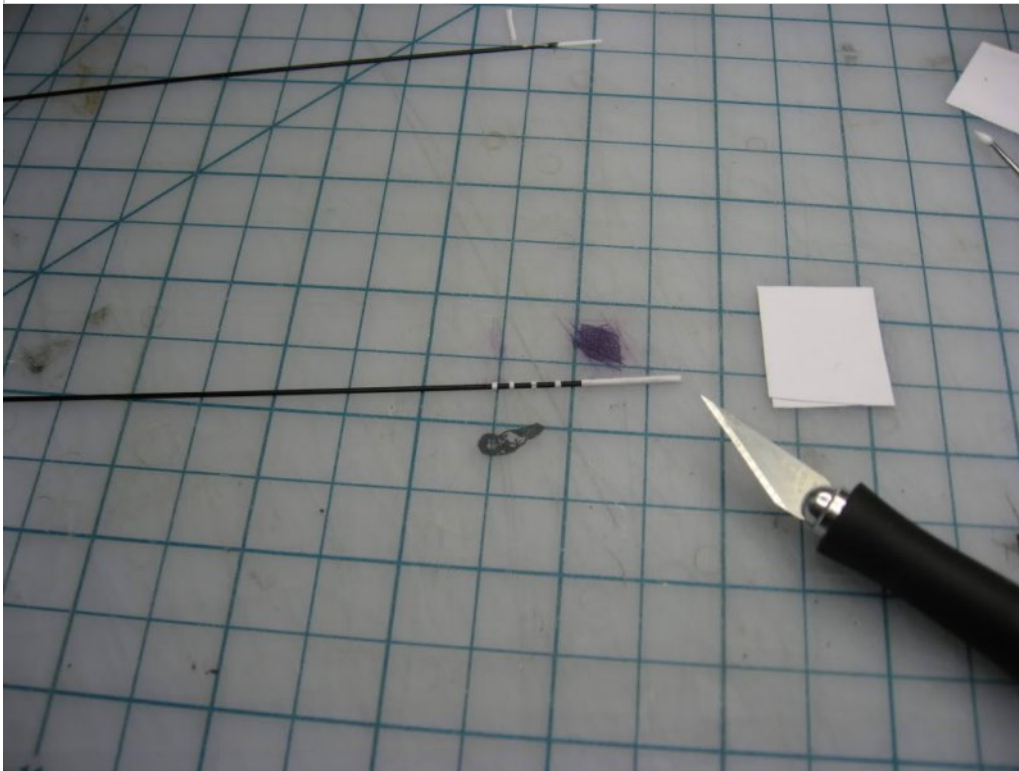
Thanks Peter and the rest of you guys. I'm having a lot of fun with this build and hope you all are too, and will try some of the things I'm trying here.

I've moved on to the pushrods, and had another re-do of sorts. I decided to discard all those little rods you saw in the very first photo I ever took of this project. The reasons are twofold: One, they were 0.030" thick plastic rod, and looked a little spindly against the cylinders, so I'm going with 0.035" rod, and two, I wanted to paint them black, and realized it would be far easier if I painted the whole rod first before I cut the pieces to length! Well duh!

painted the whole rod first before I cut the pieces to length! Well duh!

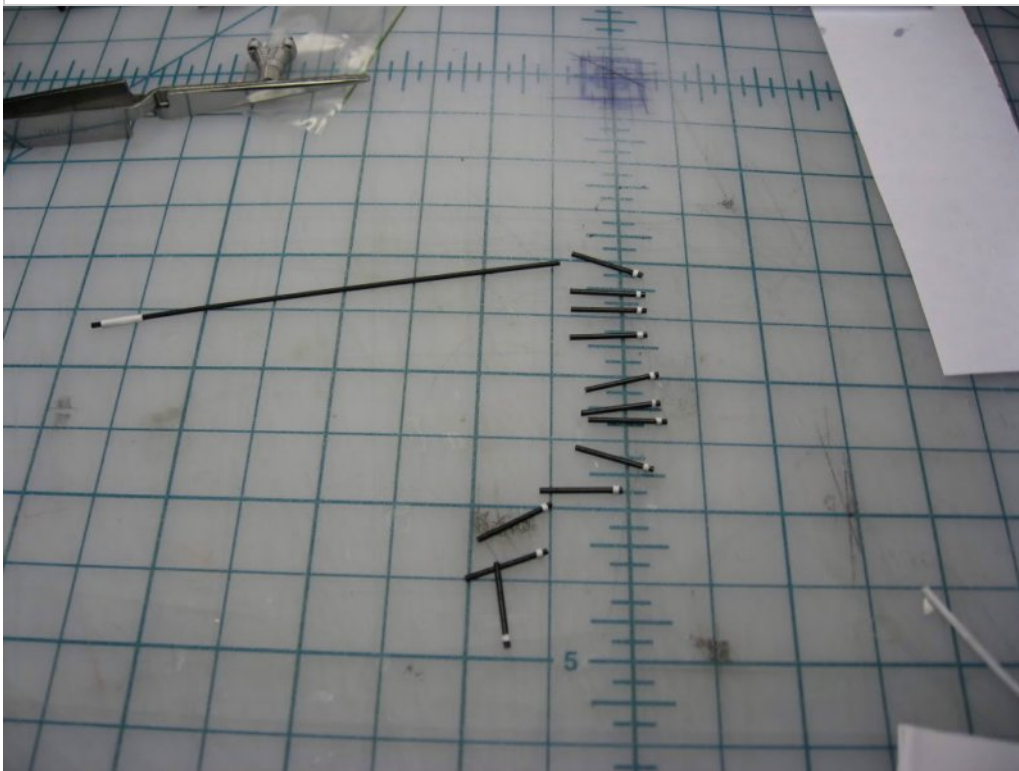
I wanted to add a sleeve to the top of each rod, and using the rolling trick from before made a tube that fit over the painted rod. I cut the rings right on the plastic, and that goes a lot easier on the knife blade:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Then I slid a ring to the other end of the rod, glued it in place, and cut it to length:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

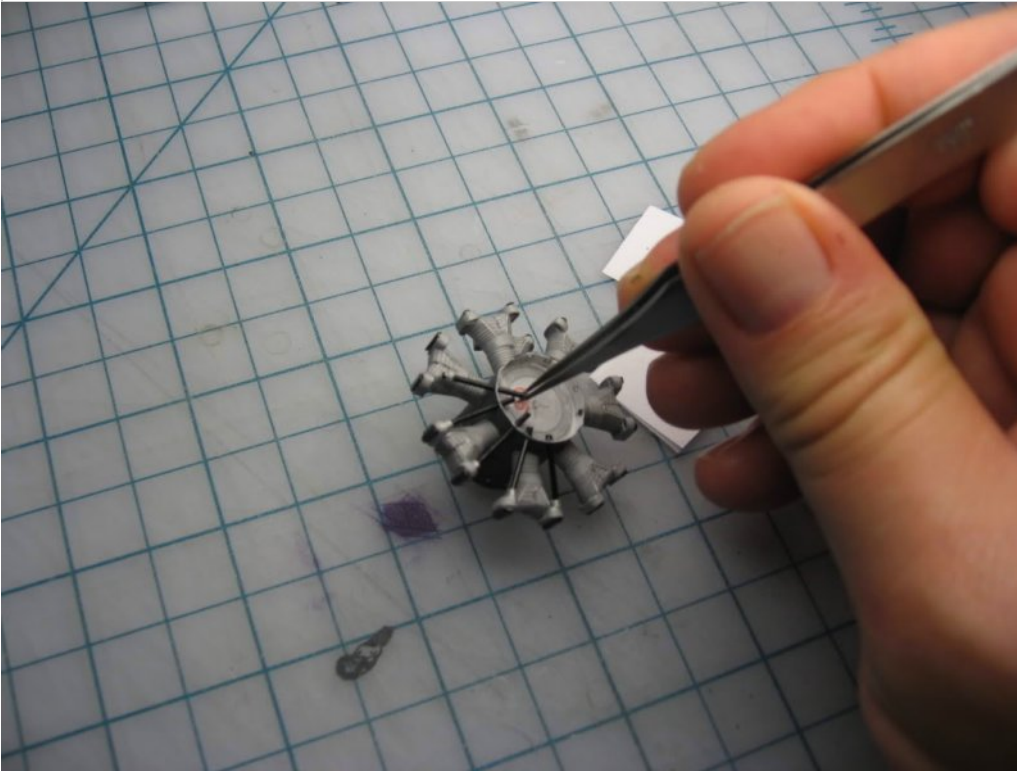


The rings I painted silver. Prior to this I tacked on two opposing cylinders to the crankcase to check cowling clearance. I cut out and rolled a cowling piece and determined that it's approximately 1- 5/8" in diameter. Top of cylinder to top of cylinder measures 1-1/2", so if my guesstimate is right, I'll have a 1/16" clearance all around. We'll see!

Glued on the rest of the front row of cylinders (sorry no picture, I got carried away in the moment). I will say that adding the locator discs helped immensely in aligning the individual cylinders. Also, doing the crankcase over so I could punch holes for the pushrods really helped speed assembly and alignment:


pushrods really helped speed assembly and alignment:

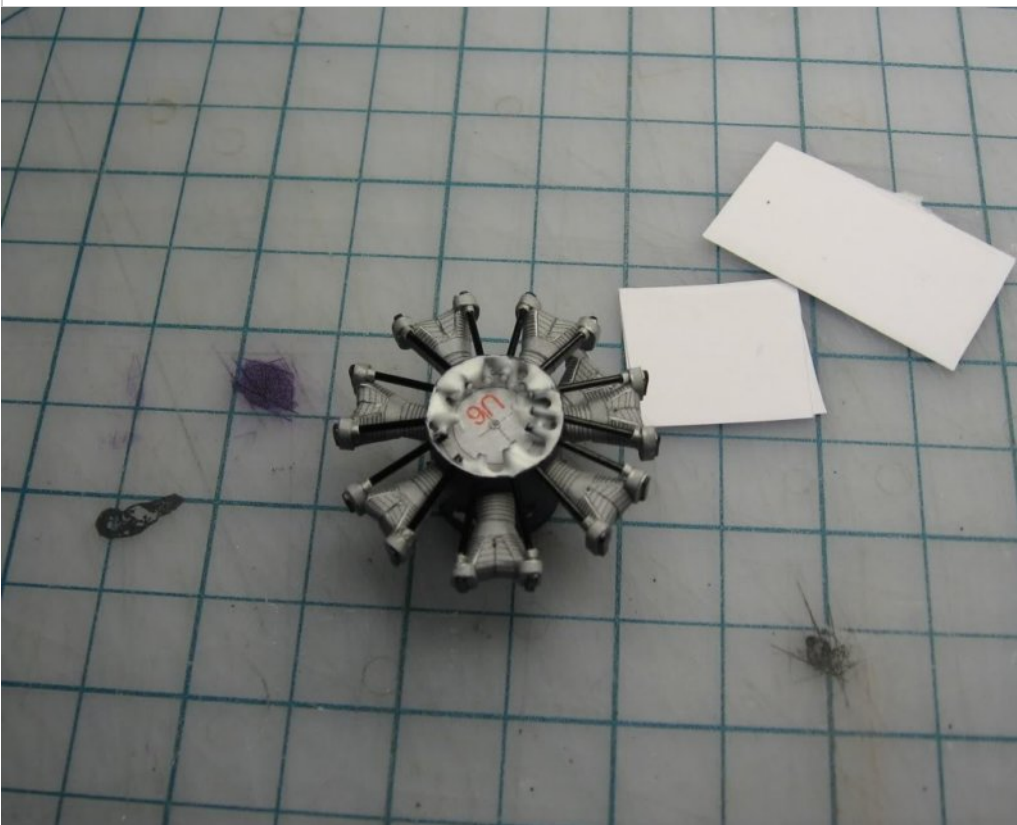
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




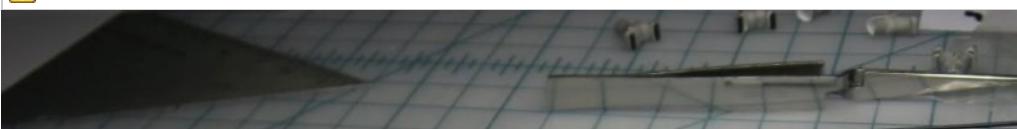
I just had to insert a rod in the hole, then from below push it into the rocker cover. After they all went in, I coated the inside with Aleen's to keep them in place. I'll snip off the extra in side to allow the ring with the wires in it to sit flat on the front of the crankcase.

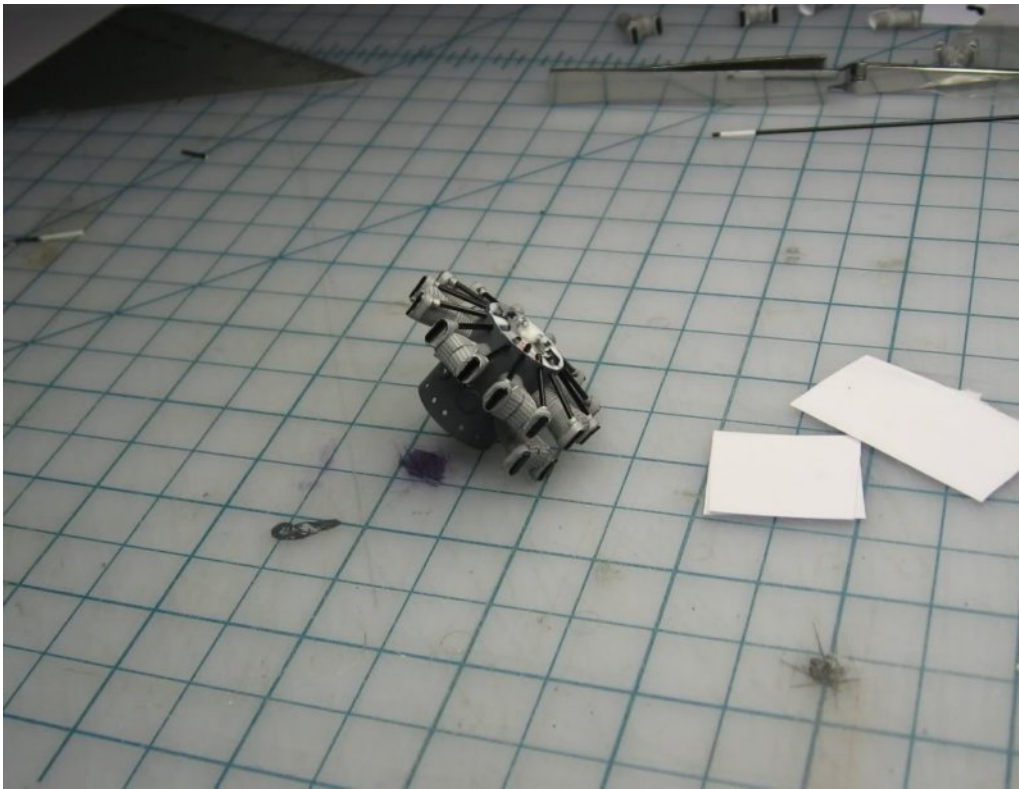
So the first row's done. I think adding the sleeves to the rods helps make it believable, yes?

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x822.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x784.





Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-14-2009, 03:07 AM

#65 (permalink)



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,196

Mike,
This is trully an outstanding work you are doing!

Michael Krol
www.gremirmodels.com



08-14-2009, 03:41 AM

#66 (permalink)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 645

Very well done indeed!

Ray

Don't squat with yer spurs on.....It's gonna hurt



08-14-2009, 05:03 AM

#67 (permalink)




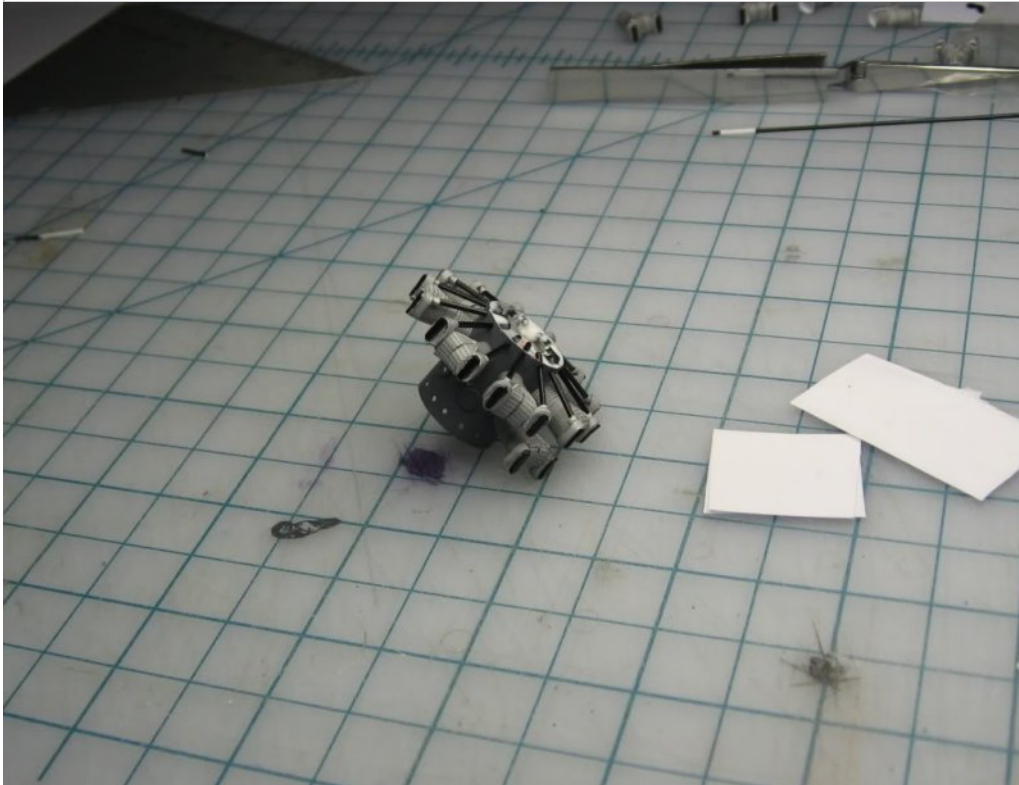
Amazyah
Member

Join Date: Jul 2007
Location: 3rd rock from our sun. You?
Posts: 230


This image has been resized. Click this bar to view the full image. The original image is sized 1024x822.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x784.



Quote:

Originally Posted by **Bomarc** 
So the first row's done. I think adding the sleeves to the rods helps make it believable, yes?

Mike

I believe! I believe!
Awesome work!
Clean and precise!
& Thanks for the great pointers!

Russell





Jim Nunn
Member

Join Date: Jun 2007
Location: Glendora, California USA
Posts: 247

Mike,

Very nice work, They look great!

Jim Nunn

There is a very fine line between paper modeling and mental illness.



08-14-2009, 01:35 PM

#69 ([permalink](#))



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,210



I think that you, Gil, and Leif need to get together and write a book about making super detailed engines for paper models. Holy crap!



08-14-2009, 02:53 PM

#70 ([permalink](#))



jagolden01
Member

Join Date: Jan 2008
Posts: 498

You know, this sort of quality is discouraging.



[Post Reply](#)

Tags [Edit Tags](#)

None

Quick Reply

Message :

Options

Quote message in reply?

Show your signature

[Post Quick Reply](#)

[Go Advanced](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
6 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 8 of 75 << First < 6 7 **8** 9 10 18 58 > Last >> ▾[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ Rating: ★★★★★ ▾ [Display Modes](#) ▾


08-14-2009, 04:03 PM

#71 ([permalink](#)) 

Wily 
Member

Join Date: May 2009
Posts: 134

Quote:

Originally Posted by [jagolden01](#) 
You know, this sort of quality is discouraging.

Me too. I'm going back to crushing sheets of paper into balls and calling those "asteroids."

It's the only way I can salvage any self-esteem after looking at bomarc's work.

Does this mean I'm shallow? Over-competitive? Well...obviously.

And now I have to deal with the sin of Envy?!

Too much for me on this Friday.

Maybe I could salvage myself and become bomarc's Talent Agent....



Brilliant...absolutely fantastic work. And bomarc, in all seriousness, if I ever need surgery, you'd better be in the room.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com


[Quote](#)  

08-14-2009, 07:04 PM

#72 ([permalink](#)) 

Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

You're way too kind Wily. There are many, *many* modelers on this forum alone that my skill set pales in comparison. Regardless, this blow by blow build is my feeble attempt to encourage someone, not *discourage*, so I hope this kind of talk is in jest (it *is* in jest....isn't it? ).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)  


08-14-2009, 08:04 PM

#73 ([permalink](#)) 

Wily 
Member

Join Date: May 2009
Posts: 134

bomarc -

It's ABSOLUTELY in jest.  I'm rather...wacky. Sometimes. Especially today.

Yes, there are modelers on this board that do splendid work. But your B-25 engine really is a thing to behold - your process, your thoughtfulness, your ingenuity...in reality, you inspire.

your thoughtfulness, your ingenuity...in reality, you inspire.

The crumpling-wads of paper and calling them "asteroids" still holds, however. I am probably one of the best here at that. 😊

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



08-14-2009, 08:49 PM

#74 ([permalink](#))



barry
Member

Join Date: Jul 2007
Posts: 1,358

Certainly looks good

barry

http://ecardmodels.com/shop/index.php...acturers_id=35 >Sealand -Express, Tarawa, Gearing, Colossus, Spruance



08-14-2009, 09:55 PM

#75 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

Quote:

Originally Posted by **Wily**
.....in reality, you inspire.

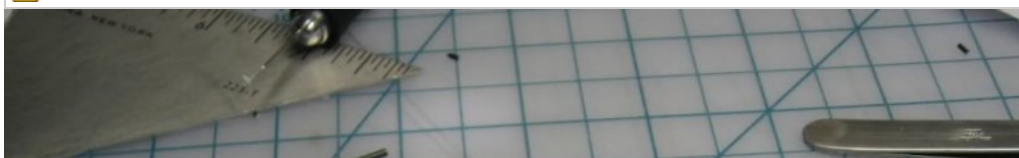
Good! Let's continue....

Added the back row of cylinders with their respective pushrods, and blobbed Aleen's glue to keep them in place as before:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x765.



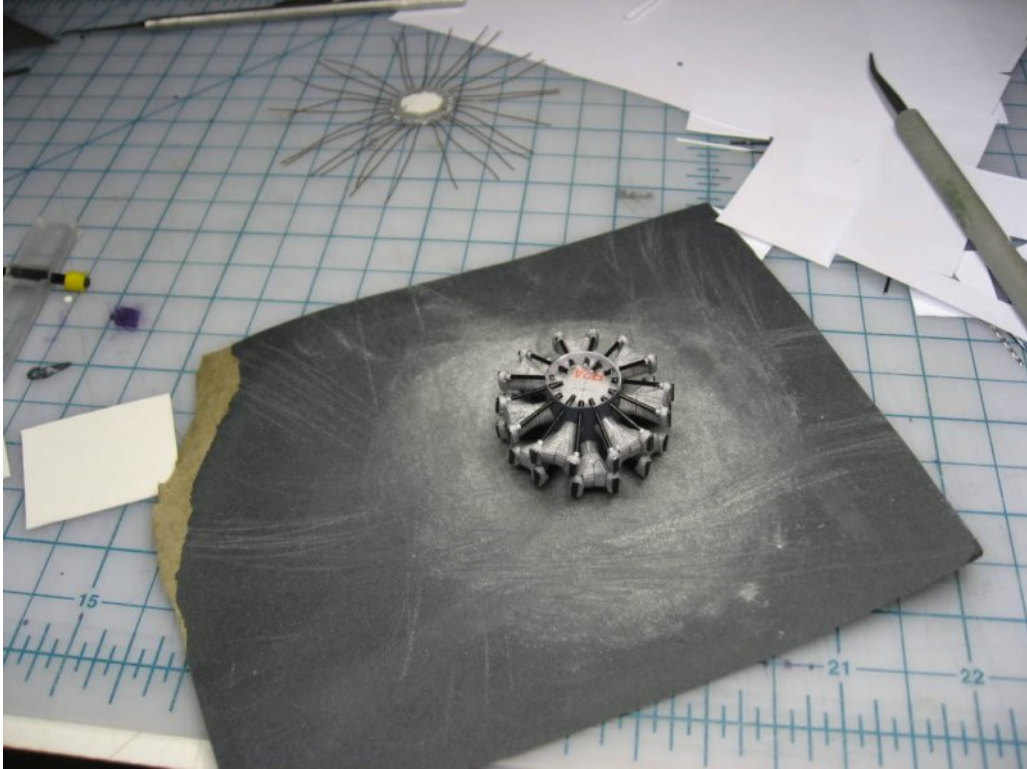
This image has been resized. Click this bar to view the full image. The original image is sized 1023x817.






Lightly sanded the front to make sure there was a flat surface to attach the ring:

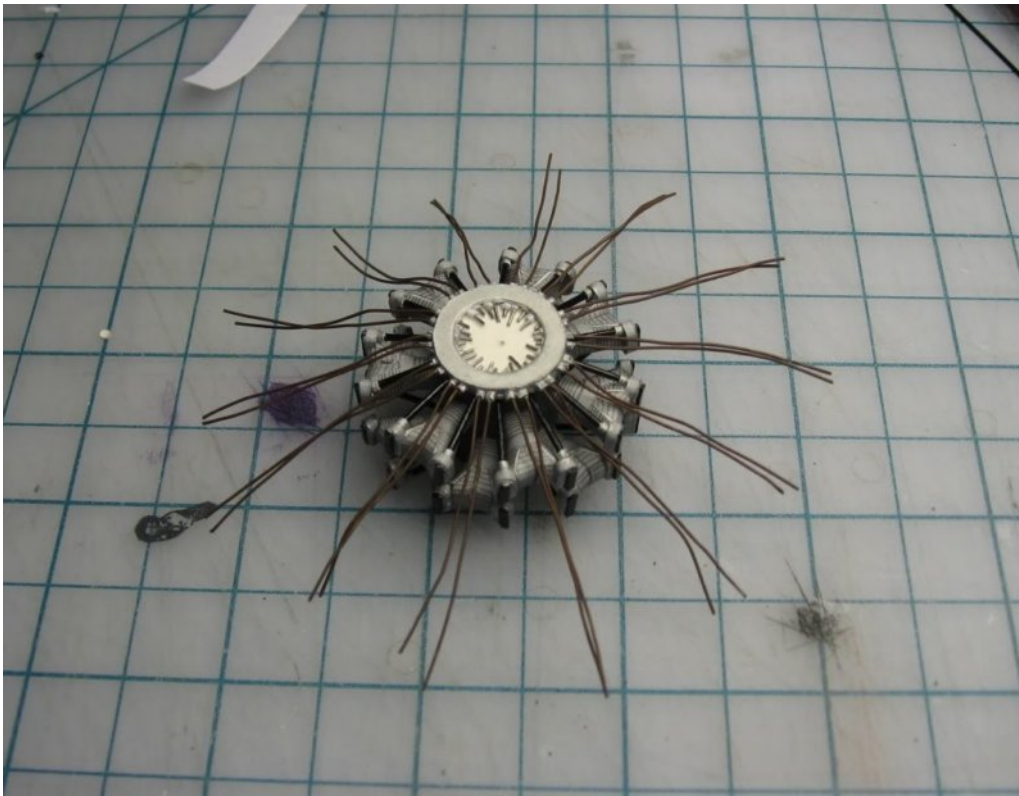
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Then glued on the ring:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x791.





I painted the wires brown, and cut them down to a more manageable length beforehand. Also, and I think it can be seen in the pics, before I attached the cylinders, I drilled a tiny hole front and back to receive the wires.

Now it's just a matter of hooking it all up.....yikes!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-14-2009, 11:51 PM



Bomarc 
Member

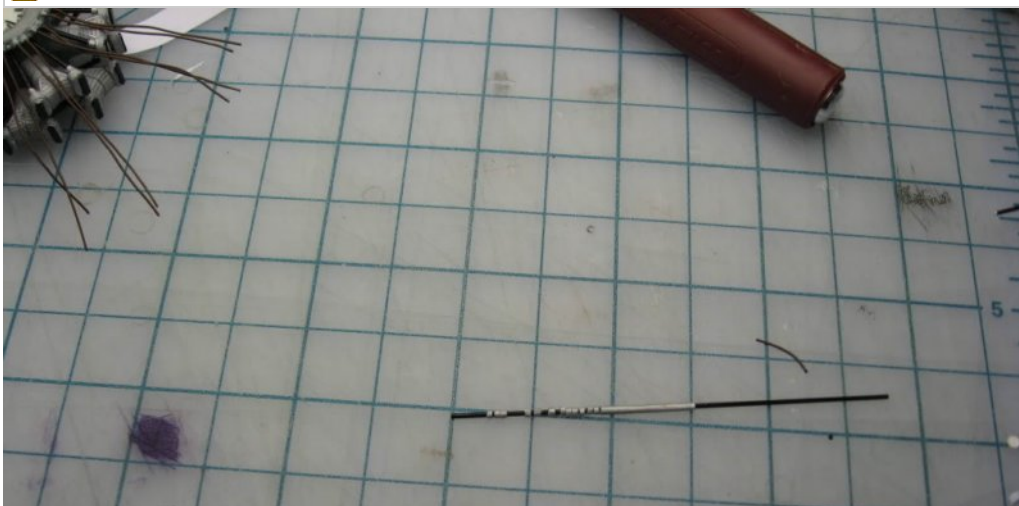
#76 ([permalink](#)) 

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

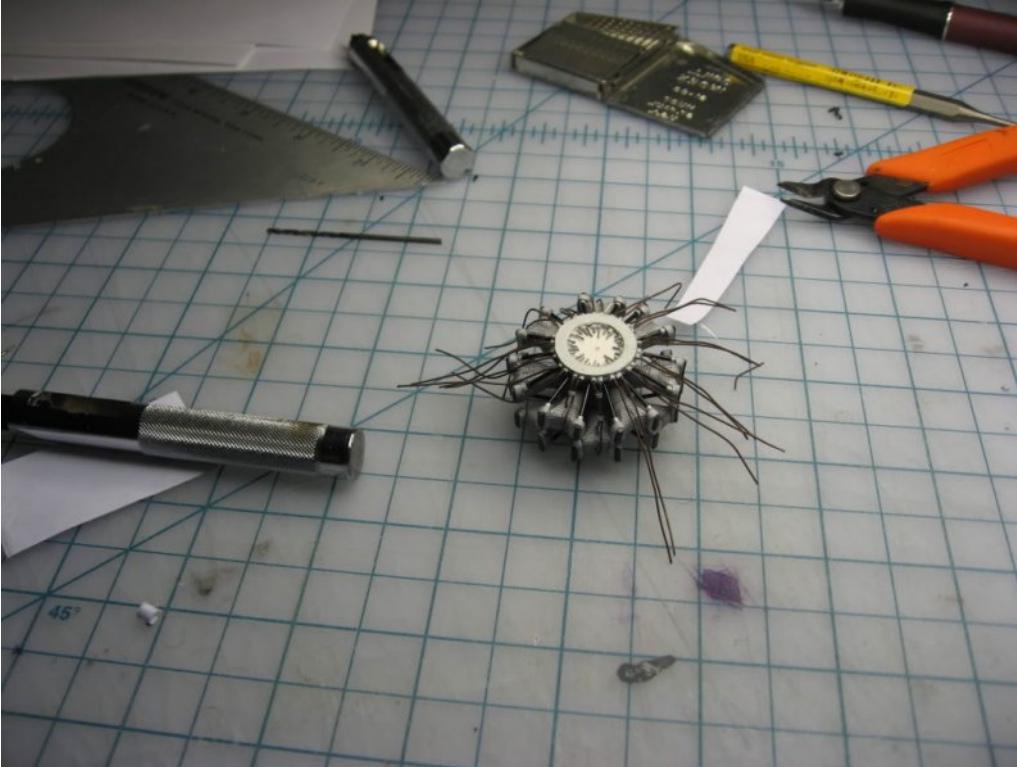
OK, we're speeding up here at the end.

From the "what the heck was I thinking?" department: I decided to make the cable keepers for the wires. Using the tiny tube trick (but this time I painted the whole thing silver first, then started cutting), I cut out as many rings as I could get out of a single piece, then proceed to wire this thing up:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



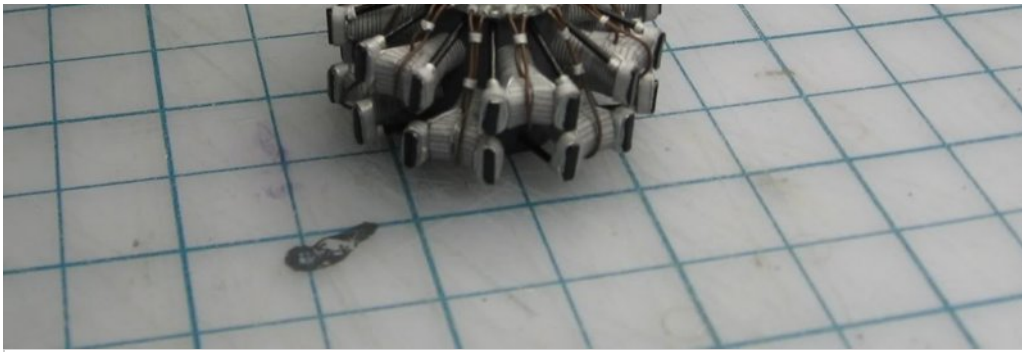
Actually that went faster than I would have thought. After all the wires were in place, I glued the nose on, and I think I'm calling this engine done! For picture purposes, I made a dummy crankshaft, for as I mentioned before, using a push pin just doesn't do it for me, and I hate seeing completed model engines with nothing up front, it just looks wrong to me:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x772.

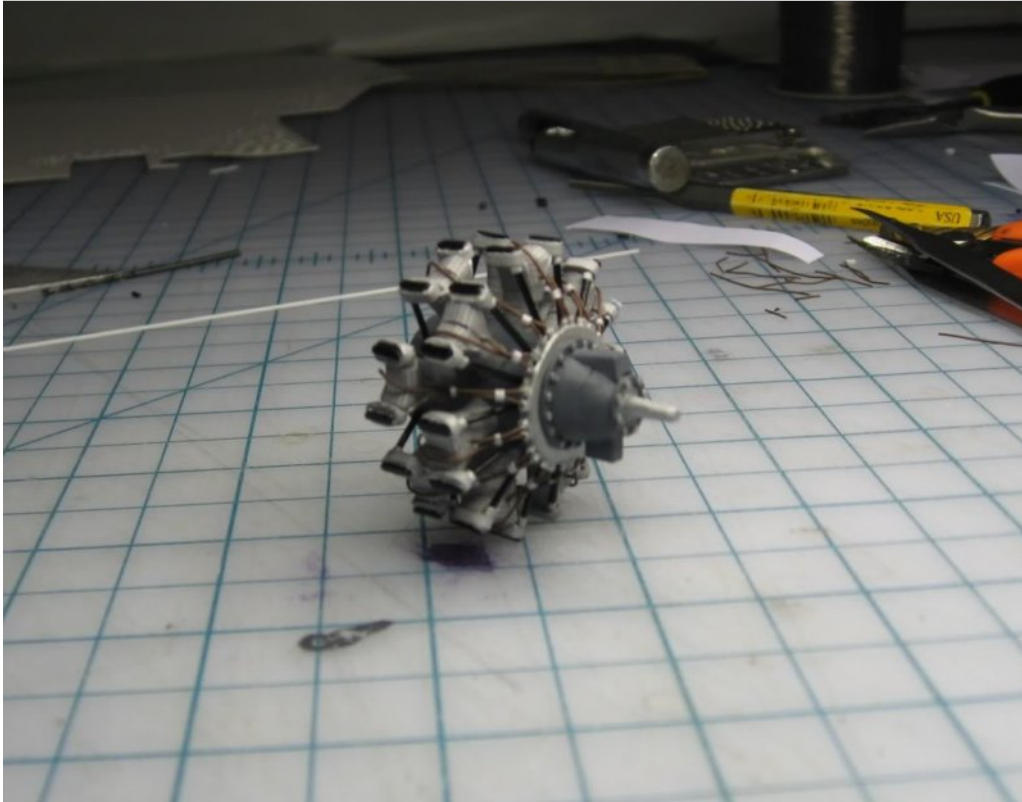



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x668.

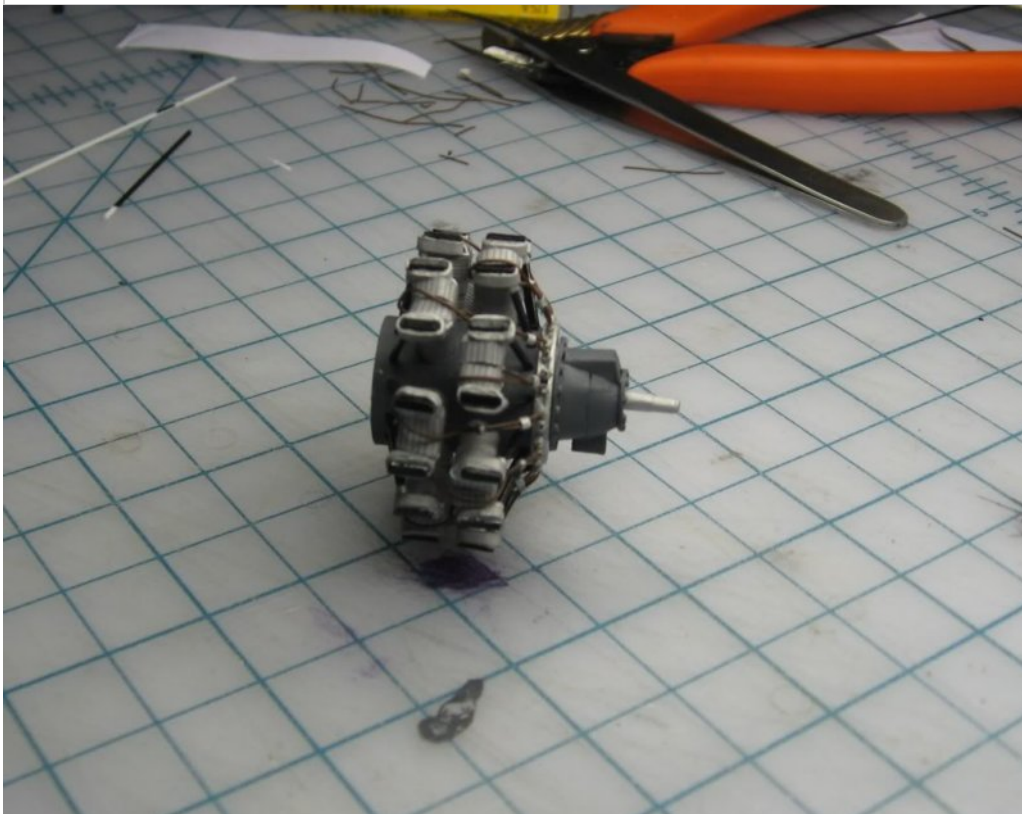





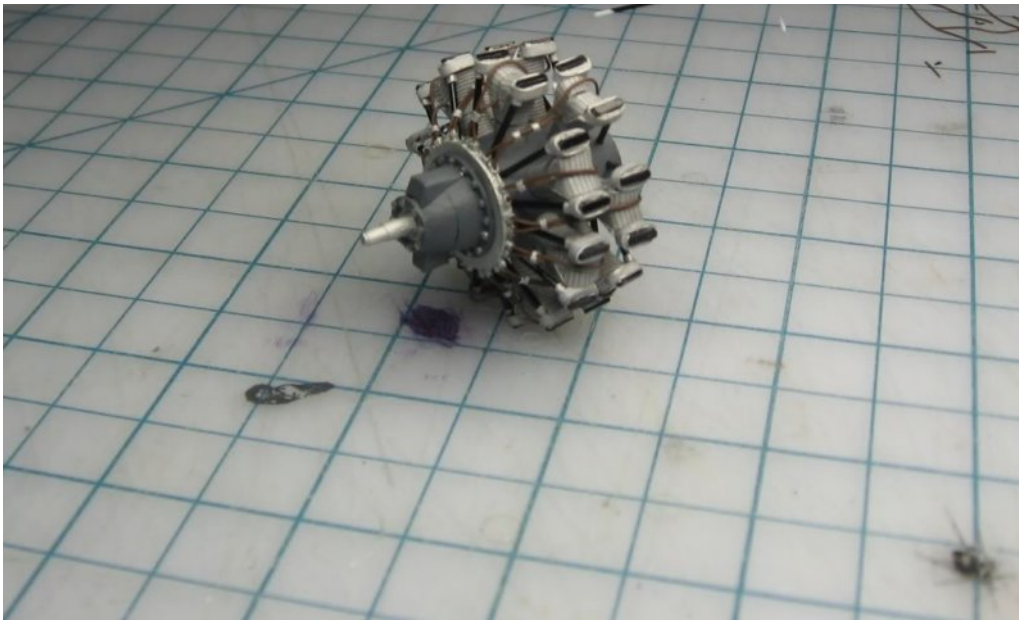
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x802.



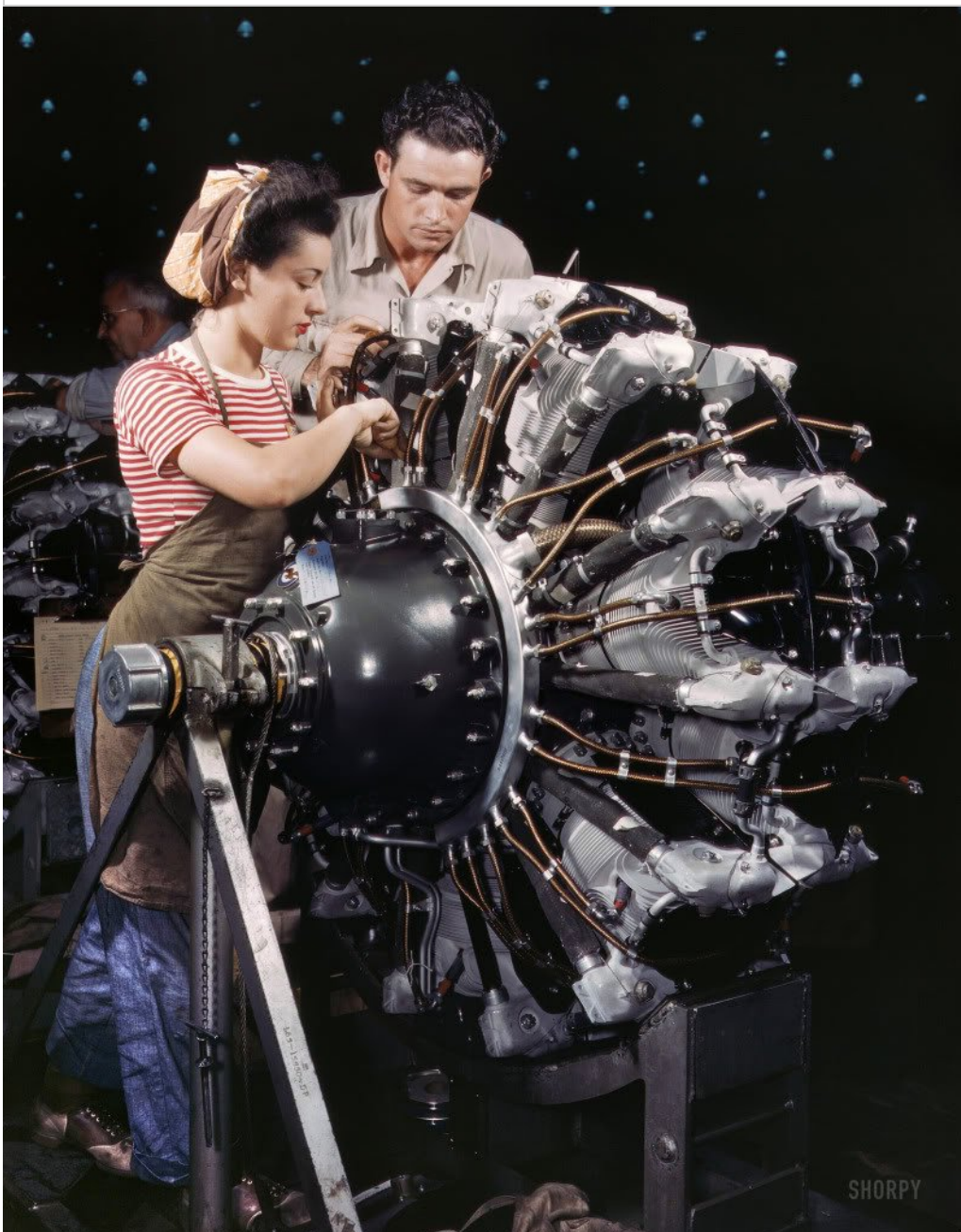
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x815.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x775.



 This image has been resized. Click this bar to view the full image. The original image is sized 804x1024.



If you were wondering what was guiding me to make some of the build decision I made, the last image above was a photo I was referencing by Alfred Palmer for the War Information Office (WIO) during his visit to North American Aviation's plant in Englewood, California in 1942. While it's nowhere near identical to the 1:1 article, I'd like to think I captured the basic essence of a

Wright R-2600 with this Orlik engine, at least more so than if I just made it as it came from the parts sheet.

How did I do?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-15-2009, 12:00 AM

#77 ([permalink](#))



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location: I am right here
Posts: 2,242

Well, I think you met your goal Mike. That is one heck of a beautiful engine, very realistic looking.

The proceeds from sales at www.hobbyfactory.com support this forum!!



08-15-2009, 12:00 AM

#78 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001



God gave us light and he saw this was good, to this end we have day....God gave us **Bomarc** and he saw this was good, to this end we have one of the best damn model makers EVER ! It makes me want to put a naughty word here to say exactly

how you amaize me 😊 but i will abstain and just say " it's o.k " No No No it's "

FRIKKIN'

BRILLIANT " 😊 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-15-2009, 12:08 AM

#79 ([permalink](#))

Wily
Member

Join Date: May 2009
Posts: 134

So. Who here wants that engine?

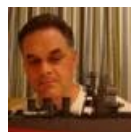
I say he stop right there, encase it in clear lucite and auction it off...

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



08-15-2009, 12:43 AM

#80 ([permalink](#))



redhorse
Member

Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,625

That's very impressive. This is maybe my favorite current thread. I'm learning a lot and you're producing beautiful work. I'm waiting for the airframe with anticipation!

Jim



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
7 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 9 of 75 [« First](#) [<](#) [7](#) [8](#) **9** [10](#) [11](#) [19](#) [59](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

08-15-2009, 01:25 AM

[#81 \(permalink\)](#)



birder
Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 1,920

Wonderful work Mike, it's the nicest Wright radial I have ever seen. The case and bolts set it off, too, as the forward area will be more visible later on, as well as the wiring, awesome! You have just raised the bar on this as far as I see. Way to go dude!

Glen

[Quote](#)

08-15-2009, 05:21 AM

[#82 \(permalink\)](#)



John Bowden
Member

Join Date: Jul 2007
Location: Ridgeland, MS USA
Posts: 781

Hey..... you still got one more to build! Don't sit back on your laurels, I'm expecting the second one to have a working cam shaft

www.dgapapermodels.com

[My Drawings](#)

[Quote](#)

08-15-2009, 12:13 PM

[#83 \(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

Thanks guys, your kind words means more than you know.

Quote:

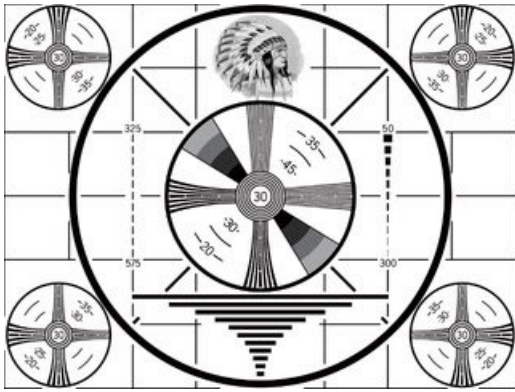
Originally Posted by **John Bowden**
Hey..... you still got one more to build!

Don't remind me John! Family vacation (yaay!) obligations require I take a bit of a break, which was why I was pushing a bit to get the first engine under my belt. I would hope that if one takes away only one thing from this thread so far none of the techniques I've tried and shown were particularly hard, and with prior planning, the tiny, tedious stuff went pretty quick. I've laid the ground work so that now the second engine should come together in half the time.

Don Boose has been AWOL around here lately, so Mr. Boose, if/when you read this, I'm expecting to see a WIP thread on a Wright Whirlwind engine that will be destined to go into a certain Ryan monoplane. You have your orders.....

And that concludes my broadcast day (for now).....





Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-15-2009, 12:19 PM

#84 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Enjoy your vacation, and thanks for getting this 1st engine ready to fire up and let us drull over why you are away. Take care friend. 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-15-2009, 12:54 PM

#85 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

I'm tracking the build, Mike. Just ran out of superlatives.

Will post photos of the Wright test build tonight.

Don



08-15-2009, 02:50 PM

#86 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,934

LOL - I can remember (60 years back) my family's first B&W TV. It was such a novelty I would sit and watch the test pattern...

Ron S.



08-17-2009, 01:19 AM

#87 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

I hate to take up space in this thread with this crude engine, but since you gave me a direct order, Mike, here is the Wright J-5A that goes into the Peter Zorn Dover Spirit of Saint Louis. It is a test build of a scan of the model parts. I will post a thread tomorrow.

It is a crudely-built model of a very simplified version of the Wright designed for beginning paper modelers. It certainly

provides a contrast!

Now, I am looking forward to the resumption of broadcasting as you build the second museum-quality PBJ Wright

Don

Attached Thumbnails



08-17-2009, 04:16 AM

#88 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

The hotel we're at has wireless Internet, so decided to check in and what do I find? A finely crafted test build of a Wright Whirlwind by Mr. Boose! Outstanding Don, and a prudent course of action to build a test before committing to the actual printed parts. Were you able to identify any build/fit issues?

Mike

P.S. You can take up space of a thread of mine anytime sir.

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-17-2009, 11:03 AM

#89 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Quote:

Originally Posted by **Bomarc**
*The hotel we're at has wireless Internet, so decided to check in and what do I find? **A finely crafted test build of a Wright Whirlwind by Mr. Boose! Outstanding Don**, and a prudent course of action to build a test before committing to the actual printed parts. Were you able to identify any build/fit issues?*

Mike

P.S. You can take up space of a thread of mine anytime sir.

I second that 😊 and congrats again on the POTW Mike 🍷

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-17-2009, 03:47 PM

#90 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,293

I was very pleased to see that your beautiful engine has become the POTW -- very well deserved.

Hope you are having a great holiday, Mike, and look forward to your return and further work on this superlative build.

I will post info on my test build of the Dover/Peter Zorn J-5A in a separate thread later today.

Don



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
7 [Unread Posts](#) since your last visit.
You last visited: Today at 12:22 PM
[Private Messages](#): Unread 0, Total 32.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 10 of 75 << First < 8 9 **10** 11 12 20 60 > Last >> ▾[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ Rating: ★★★★★ ▾ [Display Modes](#) ▾

08-19-2009, 01:52 AM

#91 ([permalink](#)) 

[spencermitchellmusic](#) 
Member

Join Date: Jan 2009
Location: Indianapolis, Indiana
Posts: 79

Hey Mike, congratulations on making pic of the week! A well deserved bonus to an already rewarding outcome. Can't wait to see more.

[Quote](#)  

08-21-2009, 02:27 AM

#92 ([permalink](#)) 

[Sakrison](#) 
Member

Join Date: Jul 2007
Location: Ripon, WI, 20 mi from Oshkosh - center of the Aviation Universe
Posts: 163

Amazing, right down to the oil stain on the mat.
(Radial engines don't leak oil; they mark their territory.)
--David

[www.ChasingtheGhostBirds.com](#) My Model Pix at: <http://sakrisonwings.blogspot.com/>
"It ain't what they call you; it's what you answer to that matters." -- W.C. Fields

[Quote](#)  

08-23-2009, 10:24 PM

#93 ([permalink](#)) 

[Bomarc](#) 
Member

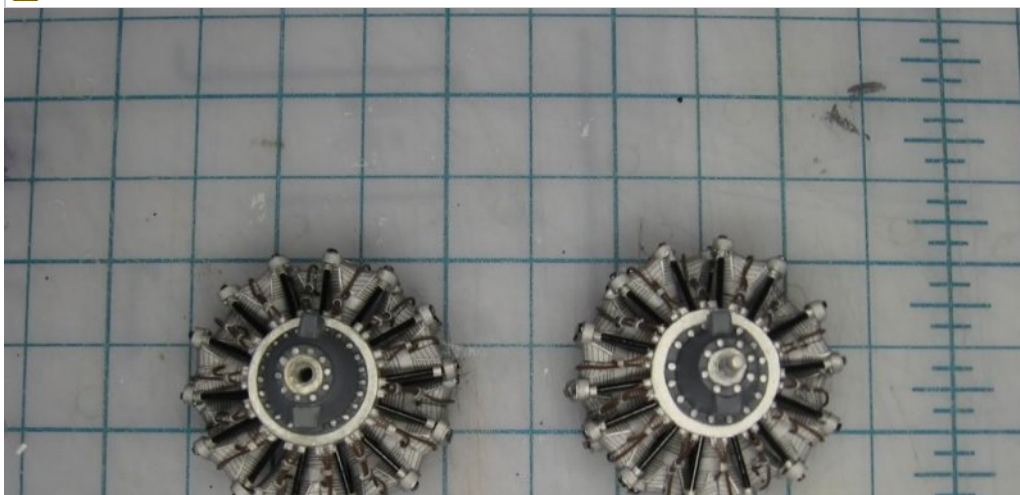
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

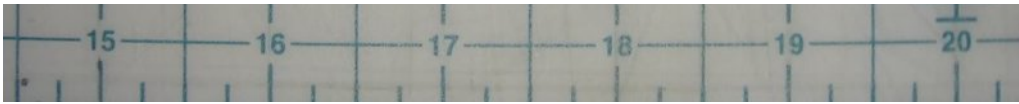
We now return to our regularly scheduled program, already in progress...

OK, back to work. Had a kick-butt vacation (went to both sides of Niagara Falls, with an excursion to Toronto thrown in if anyone's interested).

Spent a good part of this weekend putting together the second engine (the one on the left without a shaft...ugh):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x741.






Went together pretty quick, as I predicted. I wasn't happy with the reduction gear case (nose) as it comes from the Orlik kit and used on the first engine. Just doesn't capture the Wright's "look", and no amount of coaxing by me was going to get the Orlik parts there, so I scratched a new one for this second engine. I was trying to get the more spherical shape like in the Palmer photo I posted earlier (re-posted here for you comparing convenience):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731.

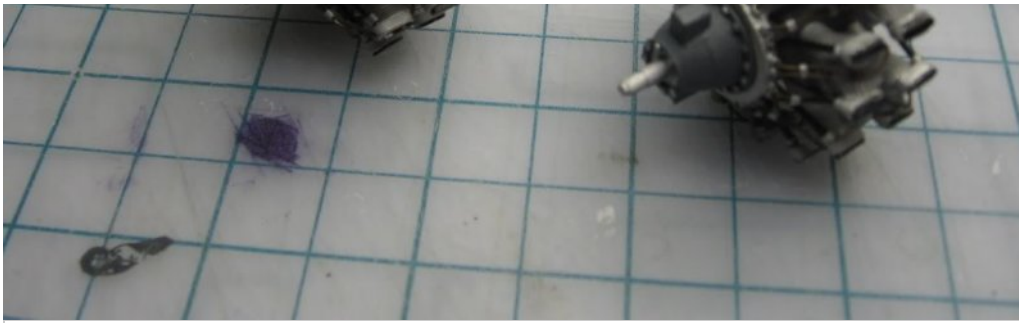


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x748.

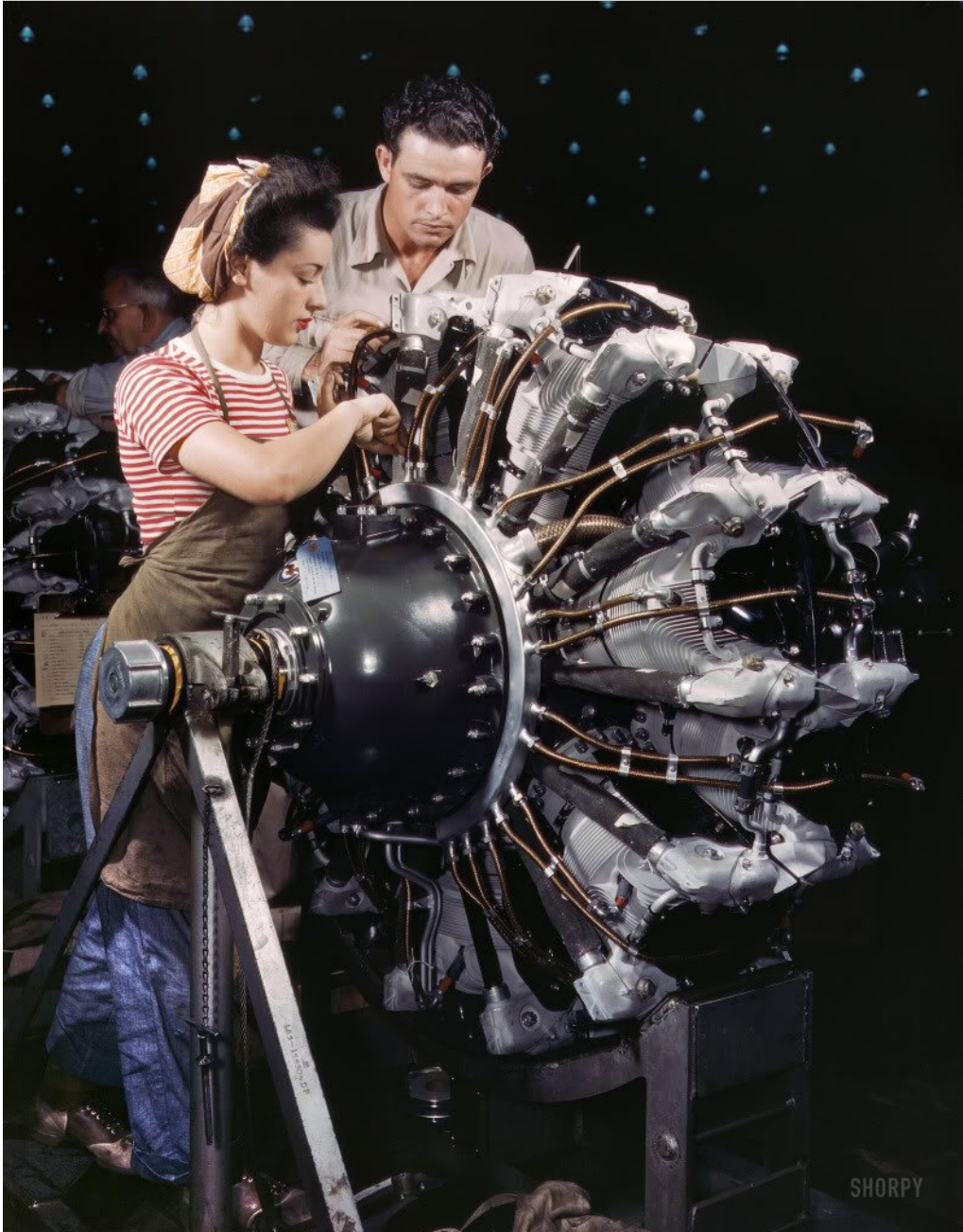


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x687.





 This image has been resized. Click this bar to view the full image. The original image is sized 804x1024.



Tad better I think. The good news is that it's any easy fix to the first engine. If you guys are interested, I'll post how I made the new nose when I make the upgrade part for the first engine.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 313

Welcome back Mike 😊 Sounds like you had a great vacation! I wish I was in Toronto... I moved to Ottawa after almost 25 years in Toronto and I can't stand this town! Your second engine is fantastic. There just aren't enough words to describe it. Of course, I for one would be interested in the conversion as I'm sure everyone else would be. It's nice to watch a master at work 😊

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



08-24-2009, 02:30 AM

#95 (permalink) ⚠



John Bowden
Member

Join Date: Jul 2007
Location: Ridgeland, MS USA
Posts: 781

Nice to see you picked up a cloning machine on vacation! 😊
Glad your back and had a great time..... nice job on the second engine by the way!

john

www.dgapapermodels.com

[My Drawings](#)



08-24-2009, 03:01 AM

#96 (permalink) ⚠



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

Thanks guys. I liked Toronto a lot, great city. We did the CN Tower. The attached is me standing on the glass floor of the tower, about 1000 feet up (that's my foot at the bottom of the frame). PLUS, I got a really cool RCAF ball cap in the gift shop, being modeled by some ugly mug below.....double yikes!

More modeling stuff in a bit...

Mike

Attached Thumbnails



"Please to continue....."

Current Build [PB1-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 08-24-2009 at 03:07 AM. Reason: for fun



08-24-2009, 03:03 AM

#97 (permalink) ⚠



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,001

Pleased it all went well for you mate, and happy you are back to show us some more of you paper magic 😊 Those engines are the dogs wotsits in this field of modelling... or should this be paper engineering ? whatever word you throw at it, you sure know your stuff, and my hat is off to you sir !



08-24-2009, 03:57 AM

#98 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

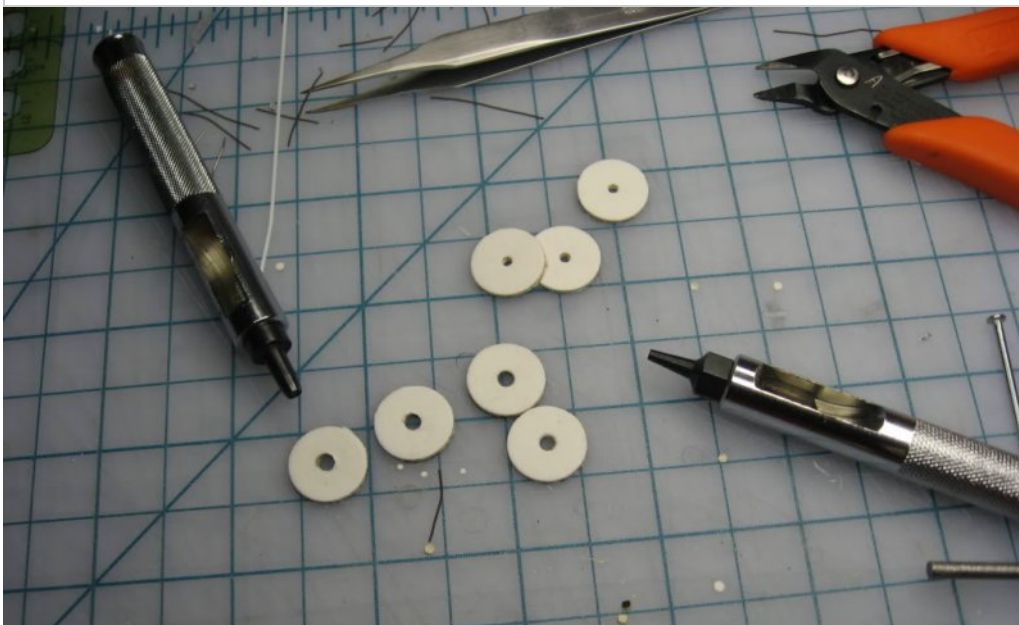
To make the new front end of the engine I used the standard trick folks use to make wheels and tires, i.e. chuck up a bunch of laminated pieces in a moto-tool, and sand to shape. On my workbench in the garage, I punched out some discs from two-ply museum board (it's black on one side). For punches I'm using a set I bought from McMaster-Carr intended to punch gaskets in automotive/machine applications. The punch sizes are basic increments of an inch, so I picked the largest size that would give me the least sanding. The board is some kind of plastic specifically intended to be used with punches to extend their life:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



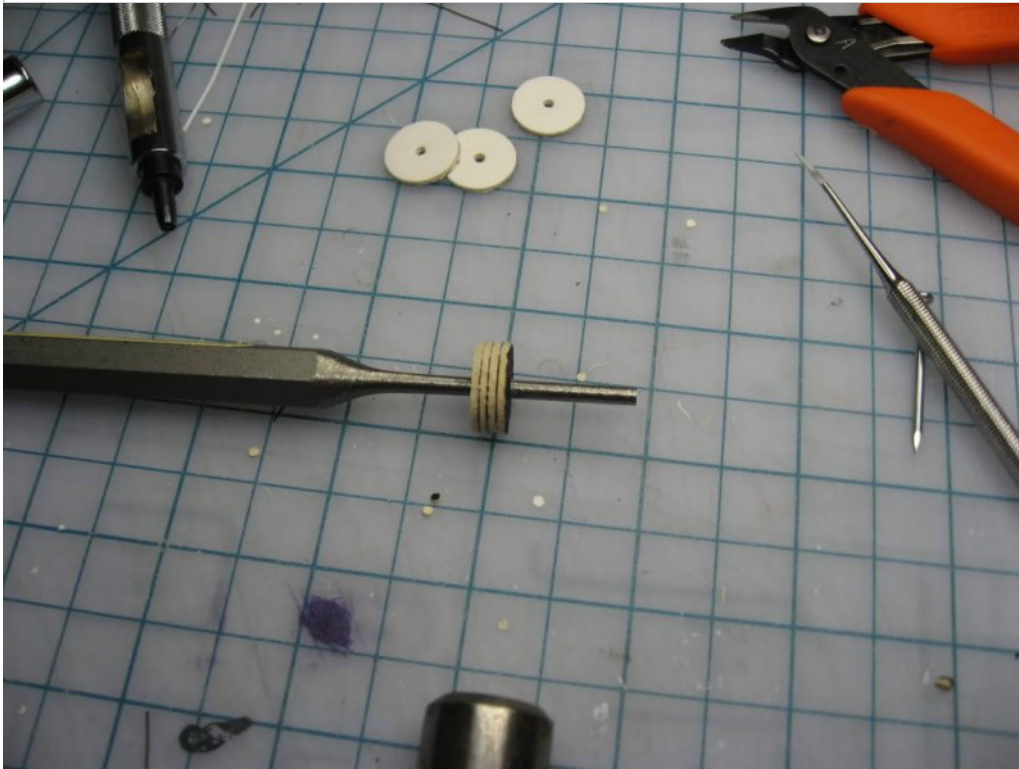
Back on my model bench, I punched out center holes. Some I punched as large as needed for the eventual propeller shaft bushing I will install. The rest of the discs are punched for the mandrel (actually the flat head nail to the right) that I will chuck up in the tool:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

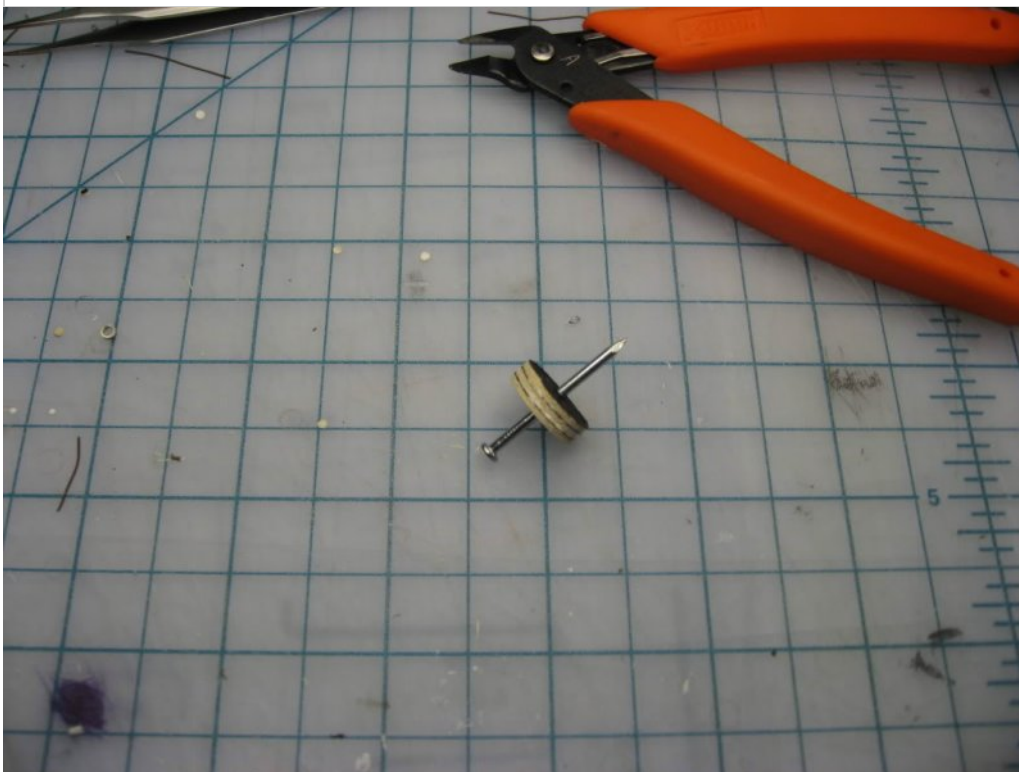


Glued the discs together using a punch and the nail to line up the holes. I don't care if the edges don't line up perfectly, as sanding them down will take care of that:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



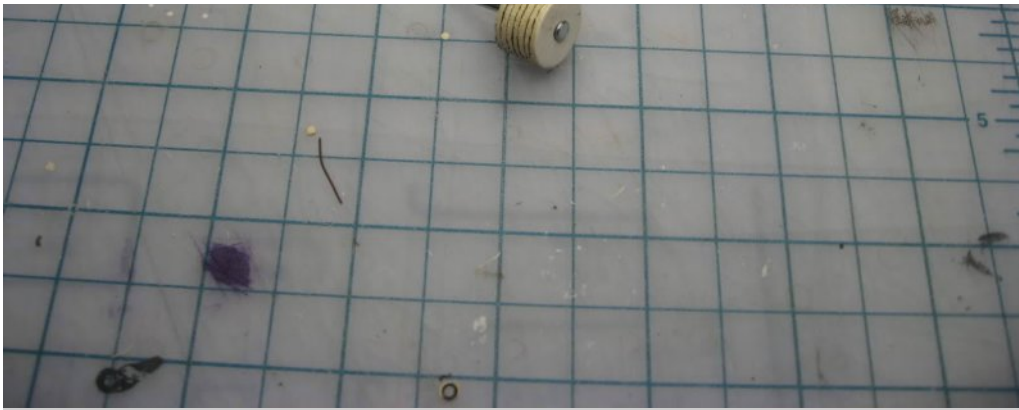
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Normally, I'd clamp these but they're so small and the white glue holds pretty quick as to not need clamping. Glued the two stacks together and chuck it up back in the garage:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.







 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

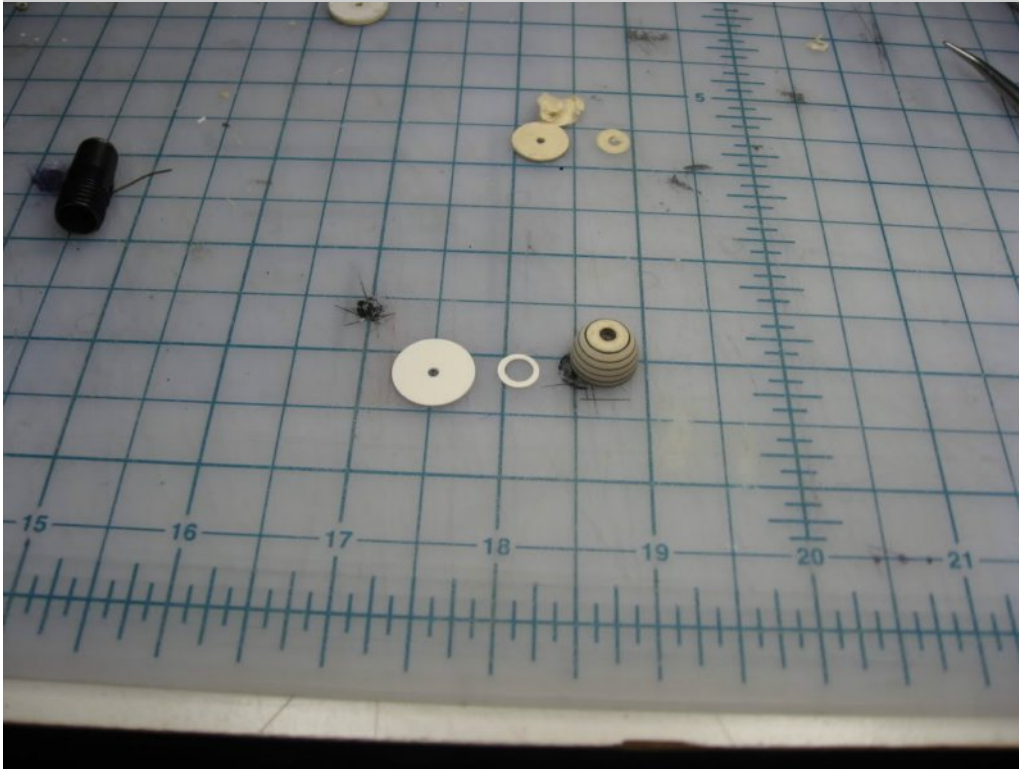


With coarse, then fine sandpaper, shaped the piece. If I was smart, I would have made a template to help me match the shape of the first one I did, but again, the thing's so small, I just "eyeballed" it:

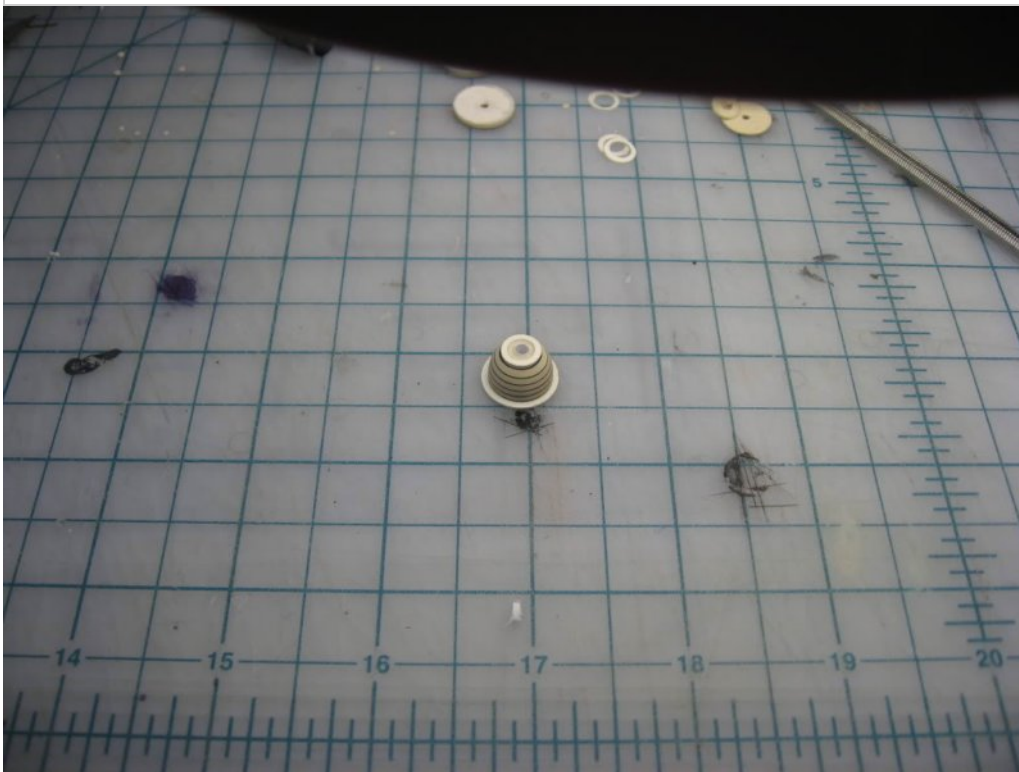
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




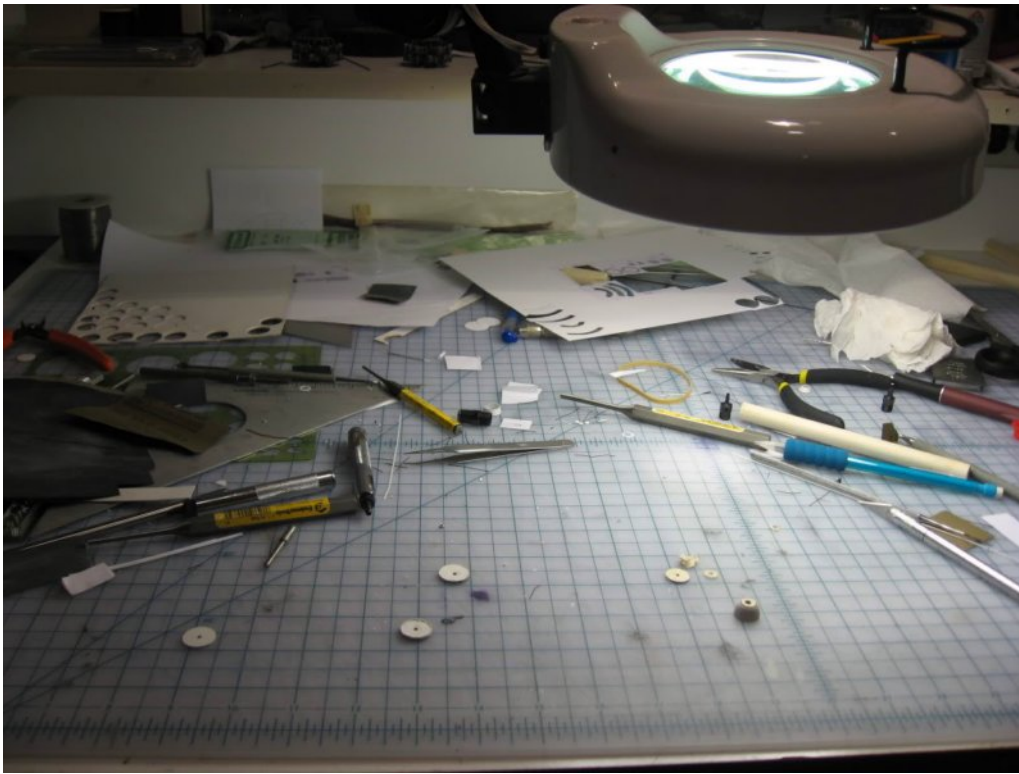
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Tomorrow I'll detail with bolts, cannibalize some of the pieces of the old nose, and start reconstructive surgery on the first engine.

I'm calling it a night:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Not exactly from the Boose School of orderly work spaces, is it? Just kidding Don...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-24-2009, 04:07 AM

#99 ([permalink](#))



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,210

That's a pretty awesome process Mike! Thanks for sharing. It really makes me thing of mays I can use my Dremel in my building as well. On a funny note, I was just using the exact same mechanical pencil a couple of minutes ago



08-24-2009, 12:07 PM

#100 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 445

My kid uses those pencils in school and there everywhere in the house. I'm too lazy to sharpen a good ol' number 2.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Post Reply

Page 10 of 75 [« First](#) [<](#) [8](#) [9](#) **10** [11](#) [12](#) [20](#) [60](#) [>](#) [Last](#) [»](#)

Tags

[Edit Tags](#)

None

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
363 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 11 of 77 [« First](#) < 9 10 **11** 12 13 21 61 > [Last »](#) ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

08-24-2009, 01:24 PM

#101 ([permalink](#)) **Don Boose** 

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Mike -- Just back from a weekend in Falls Church and grandson Don4's birthday and checked in to see all this progress on the PBJ build. You sure got that second engine together fast and good. Although I would rarely allow an untidy workspace to appear in a photograph, there are times when things get pretty cluttered on my model building work space-cum-writing desk. And who am I to second guess the methods of a master craftsman/artist.

I like the technique for fabricating the front of the crank case (there must be a term for that dome-shaped chunk of metal?) and am looking for a punch set at McMaster-Carr. I have my eye on the economy set (3430A12?), but can't find the plastic pad.

Thanks for the vacation report and all the good photos and explanations of the techniques you are using.

Don

[Quote](#)  

08-24-2009, 01:50 PM

#102 ([permalink](#)) **kenlwest** 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Absolute perfection!

Rounding out the gear casing is just making it even more realistic.

To be honest, I would be so happy just to accomplish the kit version.

Great work - I can't wait to see how the rest of the model comes out!

Ken

[Quote](#)  

08-24-2009, 01:54 PM

#103 ([permalink](#)) **Bomarc** 

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Hi Don

You were fairly close by to me this weekend. Burke is probably less than ten miles from Falls Church.

I tried to look up my old order history of McMaster-Carr to find the item number of the pad, but they only go back two years (I order that stuff many moons ago). I did a search and found the pad I *think* I bought, or at least something similar:

3496A22 Punch-Cutting Pad 12" Length X 12" Width X 1/2" Thickness
In stock at \$9.81 Each

Punch set 3430A12 is the very set I have and can be seen in the photo I posted above.

Mike

"Please to continue....."

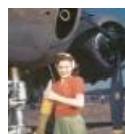
Current Build [PBJ-1H Mitchell](#), review [here](#)

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-24-2009, 02:35 PM

#104 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457



Quote:

Originally Posted by **kenlwest**
Absolute perfection!

Rounding out the gear casing is just making it even more realistic.

To be honest, I would be so happy just to accomplish the kit version.

Great work - I can't wait to see how the rest of the model comes out!

Ken

Thanks Ken. I probably could have lived with the kit parts as is, but since I'm doing this blow by blow build, I thought it a great chance to demonstrate how one can improve a model beyond what's provided in a "kit".

Shouldn't you be wroking on that F-84? Hmmmmmmm.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-25-2009, 01:45 AM

#105 ([permalink](#))



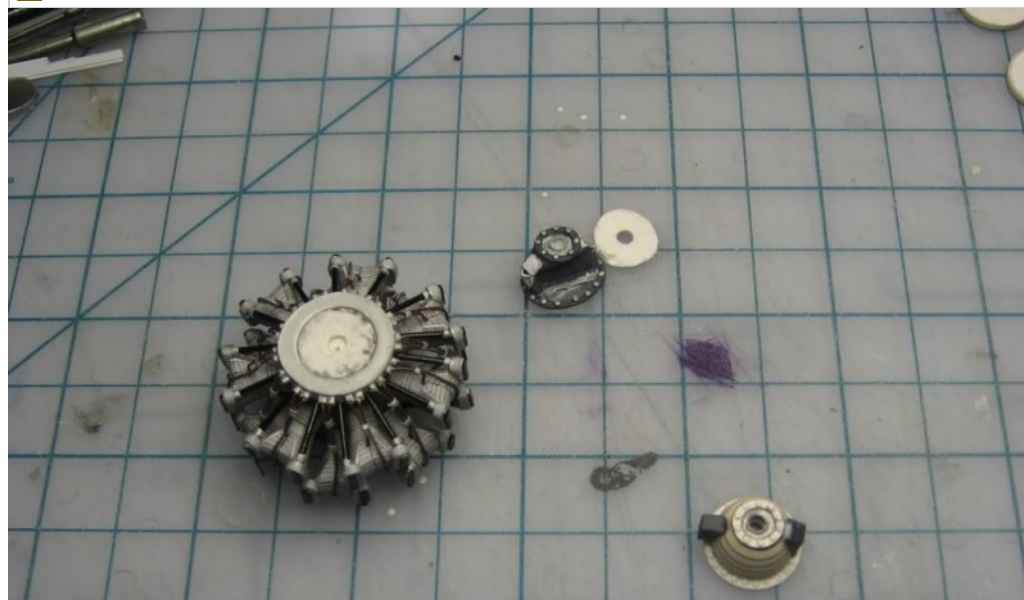
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Just a quick update tonight.

Detailed the new front with "bolts" and the fairing pieces scabbed off the original engine. Tore off the old nose with a pair of pliers (a good illustration of why you wouldn't want me in the operating room), prepped the "wound" for the new graft by lightly sanding the ring and repainting it aluminum:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x757.



Painted and glued on the new nose, and I'm calling them a matched set:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683.



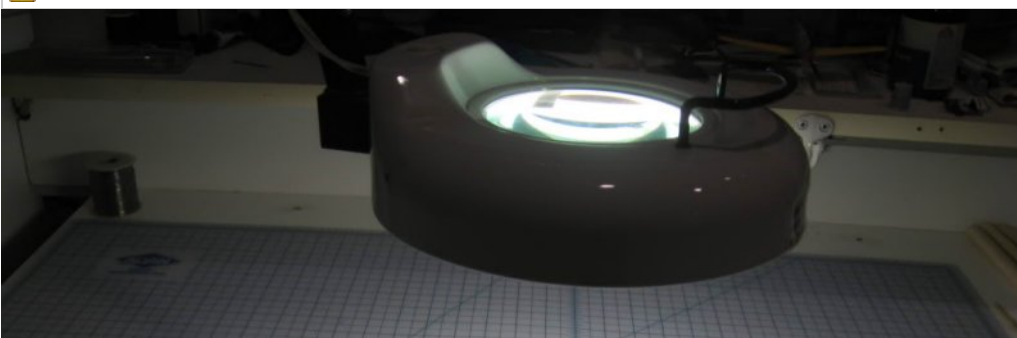
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.



That's it for engines (huzzah!).

Cleared the decks for the next phase of this adventure: props and cowlings (not necessarily in that order):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



Stay tuned.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-25-2009, 03:25 AM

#106 ([permalink](#)) 



Don Boose 
Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,304

Excellent! Looks like you've already made the first cuts for the cowlings.

Don




08-25-2009, 06:04 AM

#107 ([permalink](#)) 



Foxbat 
Member

Join Date: Jun 2009
Location : Sofia , Bulgaria
Posts: 183

Amazing Engines, Mike!! 
Have no patience to see the further progress!!!

Sergey

08-26-2009, 03:49 AM

#108 (permalink) 



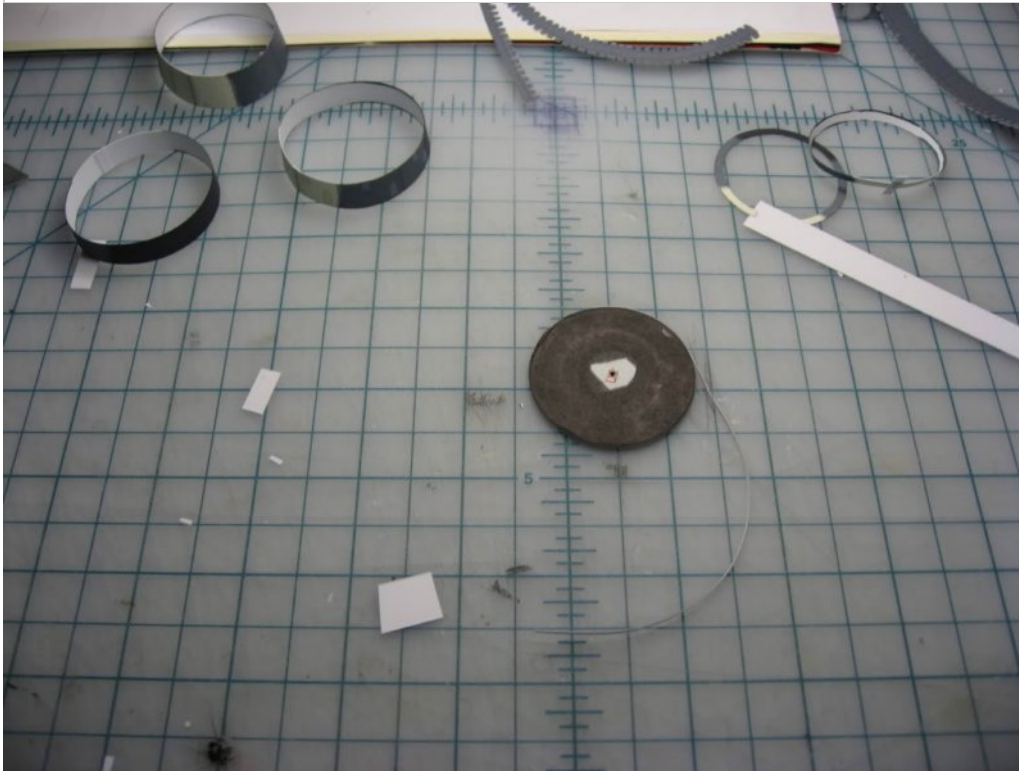
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457


Well. That was painful.....

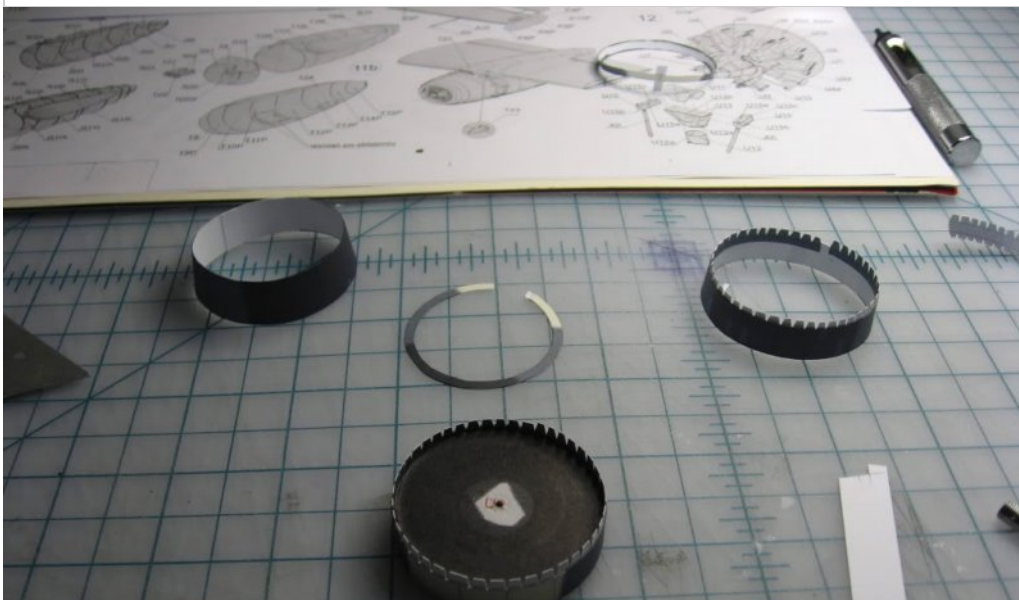
I put the most of one cowing together. I really should have used the Boose Method and built a test copy to evaluate what was involved, but this a blow by blow build, warts and all, so it's all good. After cutting out the parts and making the round bulkhead using the dremel tool trick, I started assembly. Already ran into a problem. If you cut the round bulkheads (R-24 and R-24a) exactly to size, they'll be a tad too small. I glued a strip of the card the parts came from to increase its diameter. The second piece I'll just cut a little bigger. I used a magic marker to blacken the edges:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




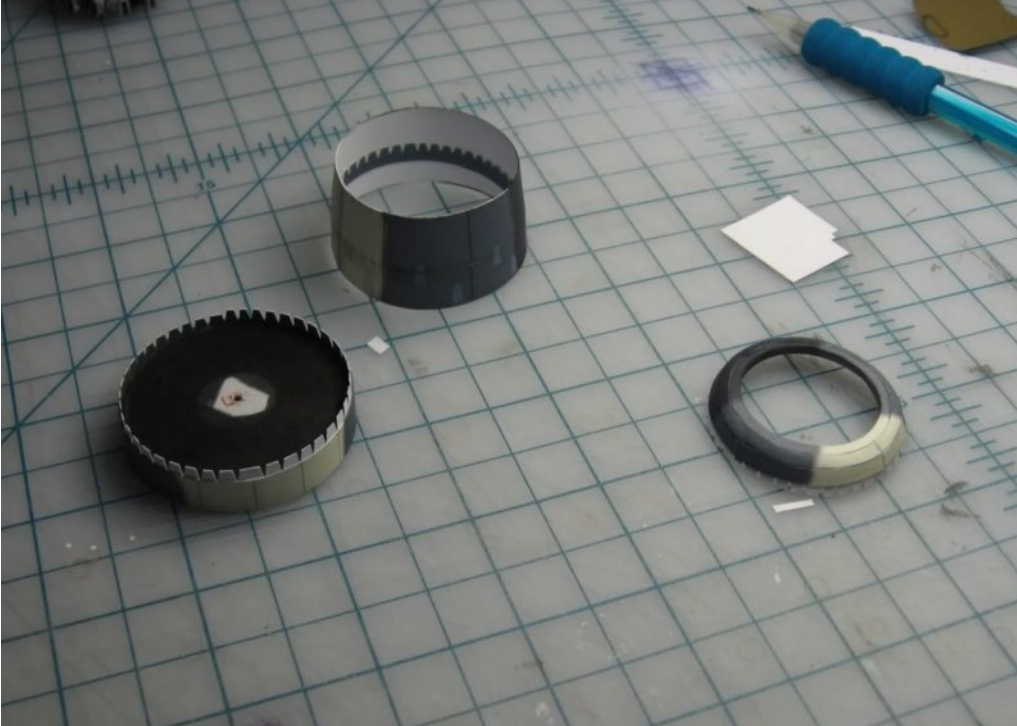
Fits snug now:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

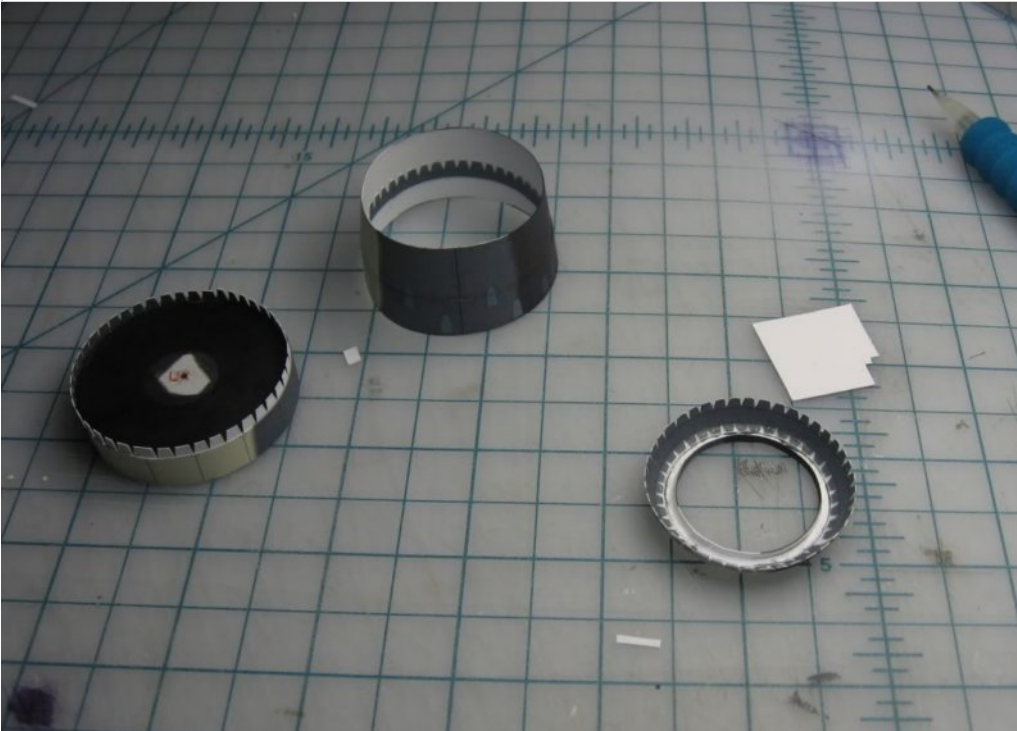


Had to really work the front rings of this cowling. The leathercrafter modeling tool I showed before really came in handy to shape the parts, which fought me tooth and nail the whole way, but I think I beat them into submission. Here's where am at, front and back:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.



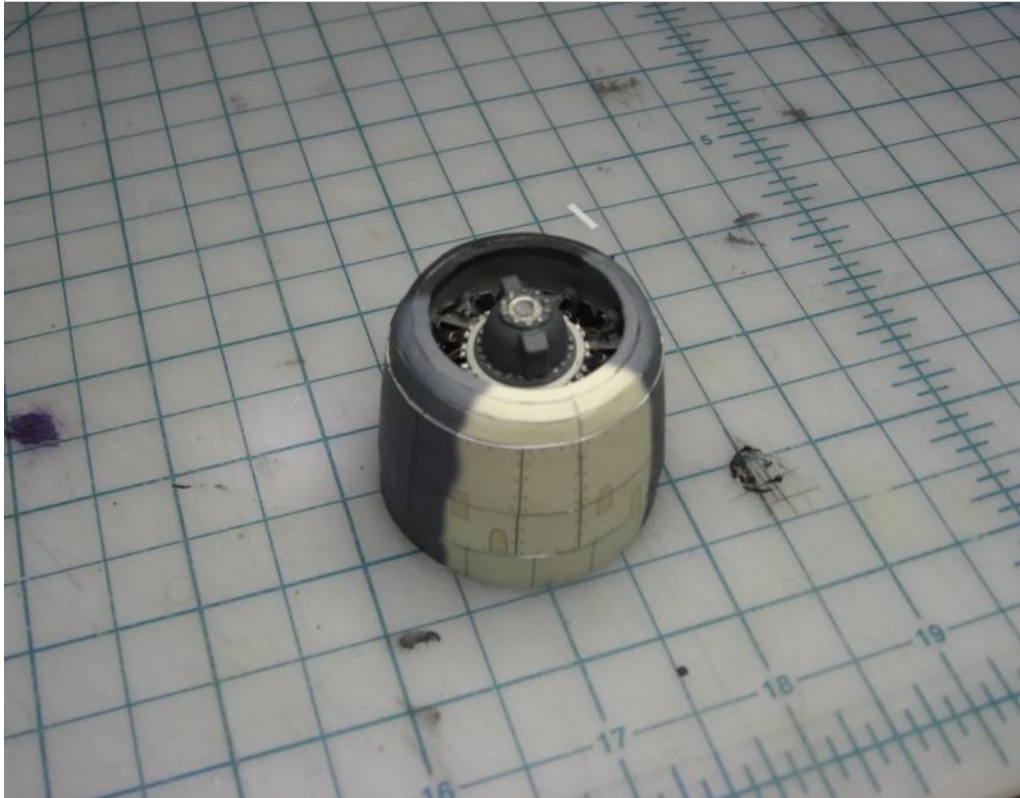
Thankfully, the engine fits. I'll have to check some B-25 ref's to see how much the engine protrudes past the lip of the cowling, I may have to shim from behind:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x785.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x797.



I had enough for tonight. Maybe tomorrow, I'll glue the front and center pieces together and paint the insides gray, mount the engine and button it up.

Good news is I only have to do this once! Wait a minute.....oh damn! Oh well, more to come.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-26-2009, 11:59 AM



peter taft
Member

#109 ([permalink](#)) 

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Looking might fine mate - one question... please tell me that you made a third engine to go on a display stand, cos it's a shame to put a cowling over your beautiful engines my friend ! well if nothing else, you can sit a nice framed photograph taken of them at the side of her when she's finished, although people will say "they're not models, must be the real thing you have there !" 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



08-27-2009, 02:41 AM

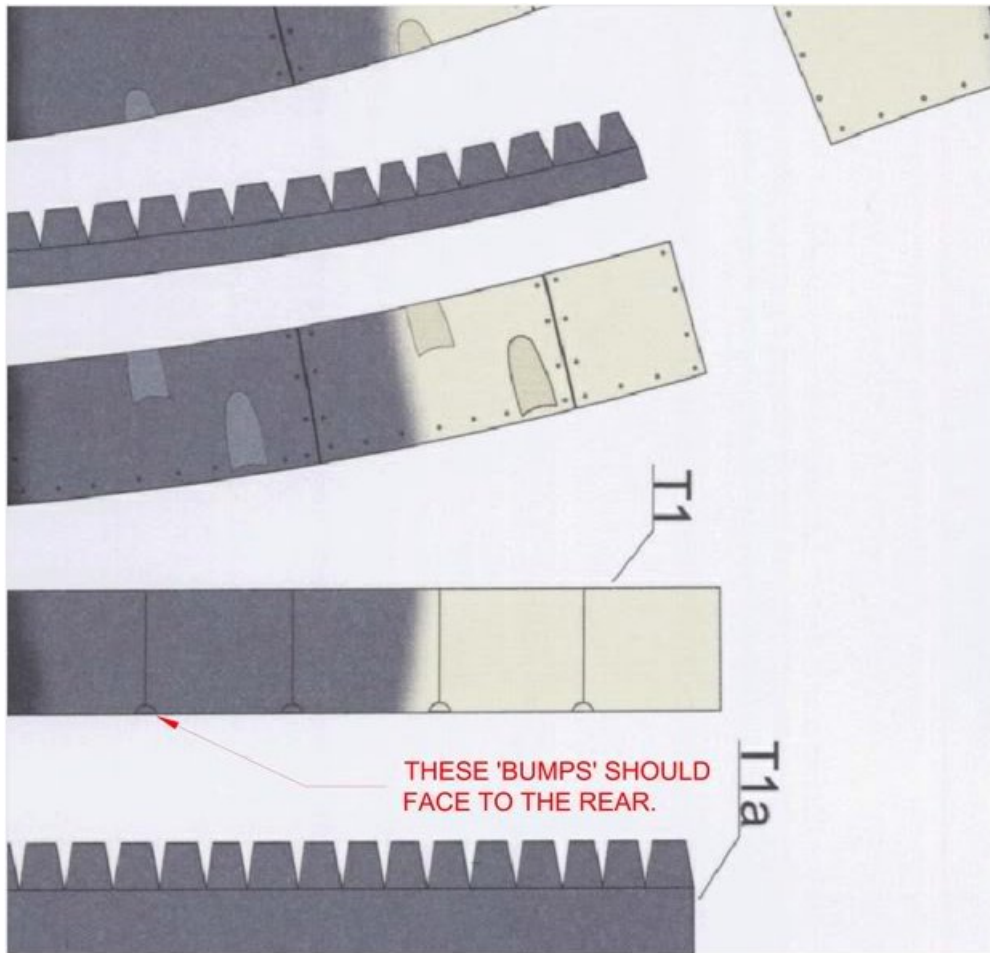
#110 ([permalink](#)) 



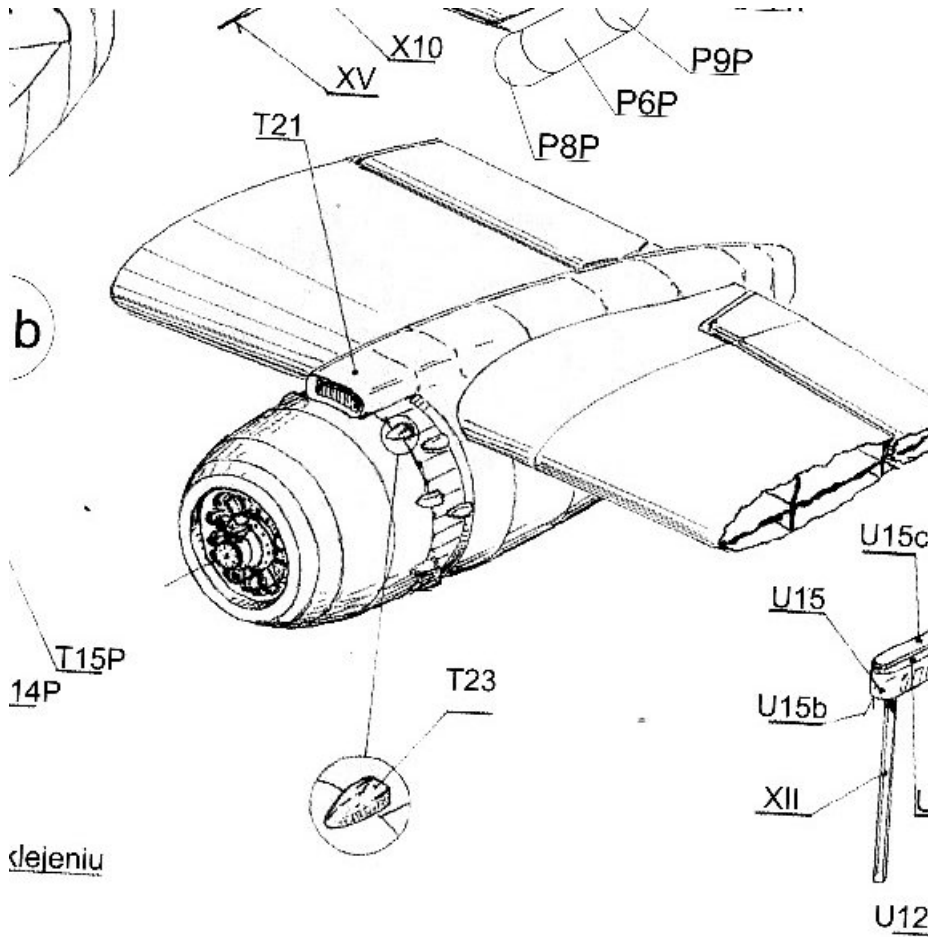
If at first you don't succeed, hit it with a mallet!

Actually Peter, you can see a lot inside the cowling even with half deep inside. Check out the last pic of this post.

The biggest issue that came up last night while making this cowling, and that frustrated me no end, was that I put a piece on backwards. I wanted to sleep on it before I came up with a solution, which hit me this morning. The problem stems with following the Orlik instructions too closely. The offending part was the ring at the base of the cowling, which represents the cowl flaps. There's tiny little "bumps" that are printed on the sheets thus, and I've annotated them on the image:




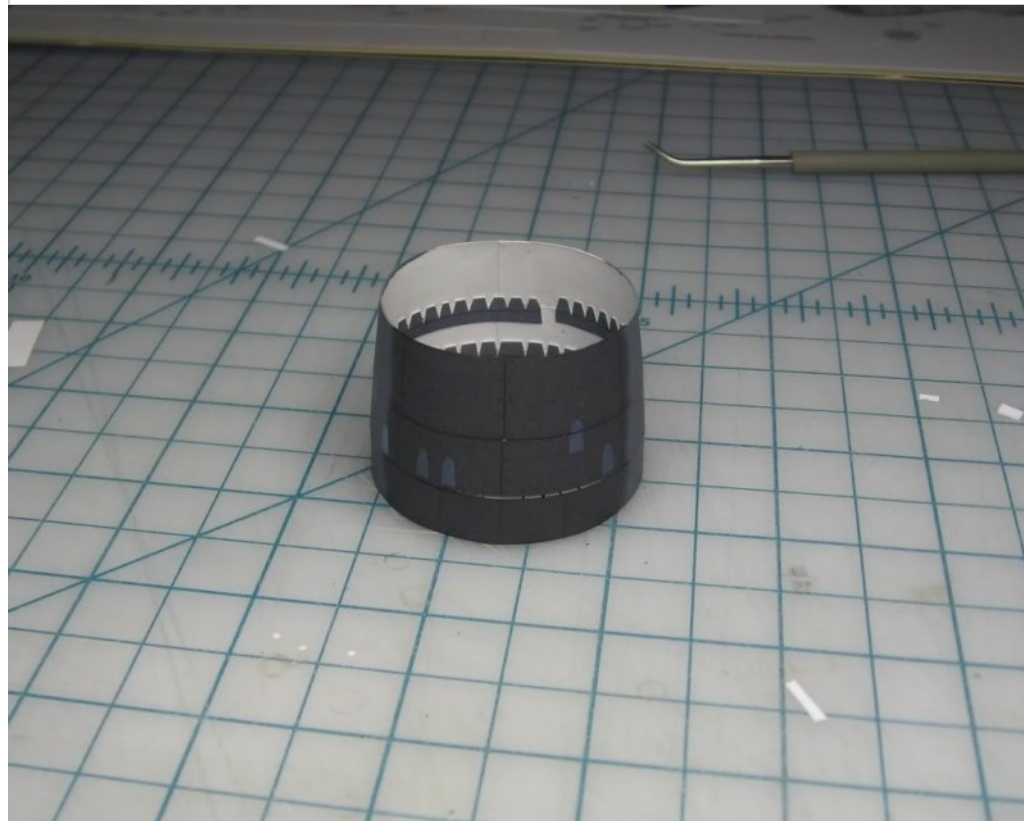
I think they're supposed to represent the hinges of the cowl flaps, but who knows? Notice that they're printed to face the rear. The instructions show these facing forward:




dejeniu

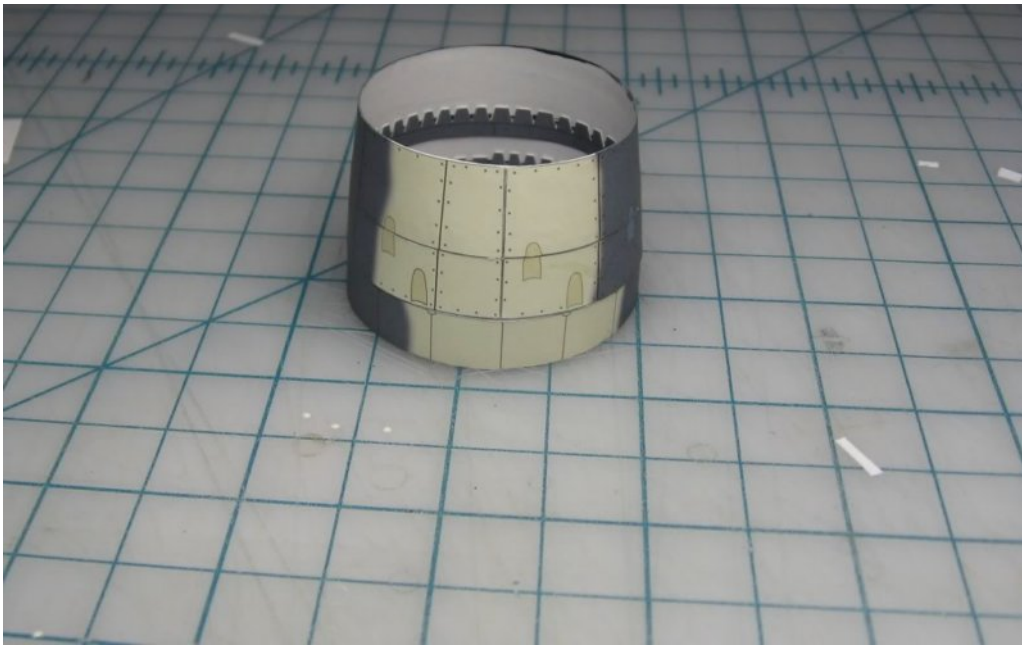
I guess I should have been alerted to something being wrong since this same illustration also shows putting the exhaust ports on these same very flaps. Anyway, I broke the cardinal rule of "test fit first, then repeat" and put the piece on as illustrated. The camo pattern on top seemed OK:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x818.




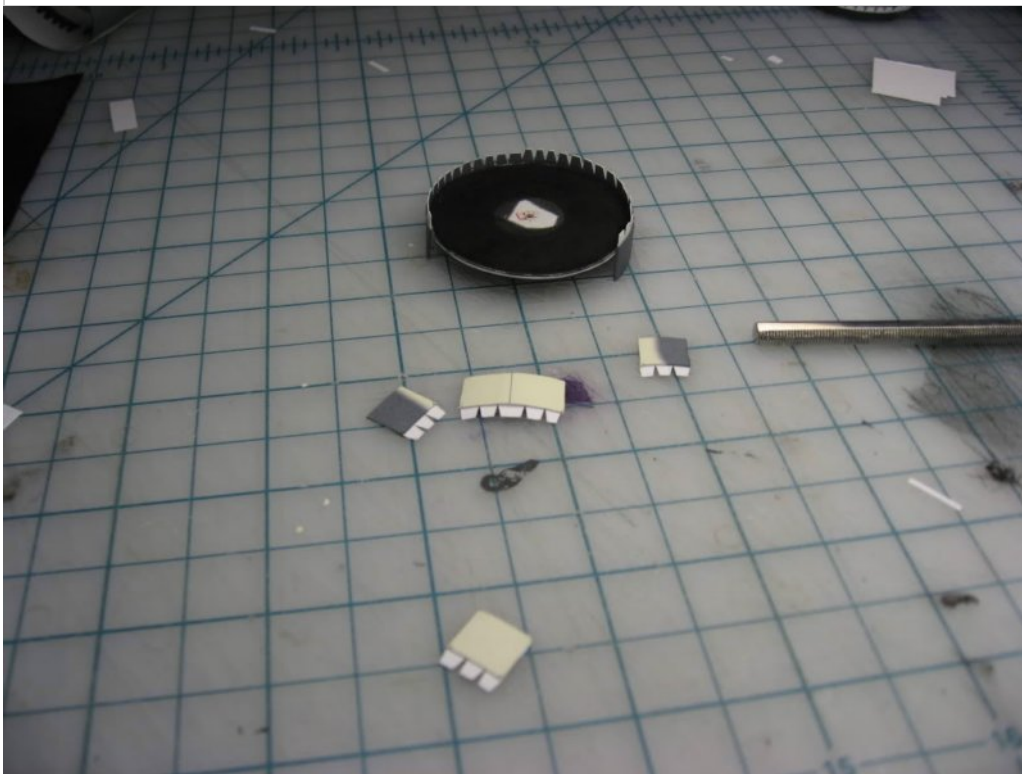
But turn it around.....What the...?!:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x821.

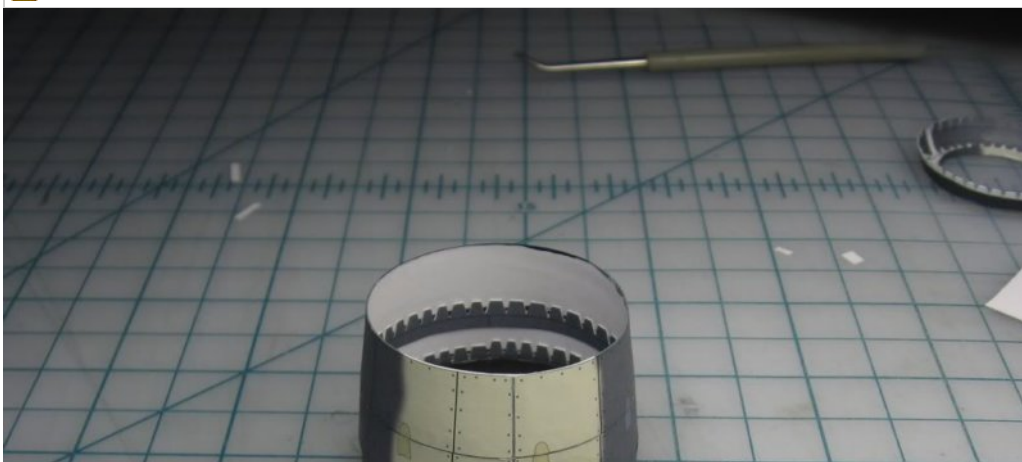


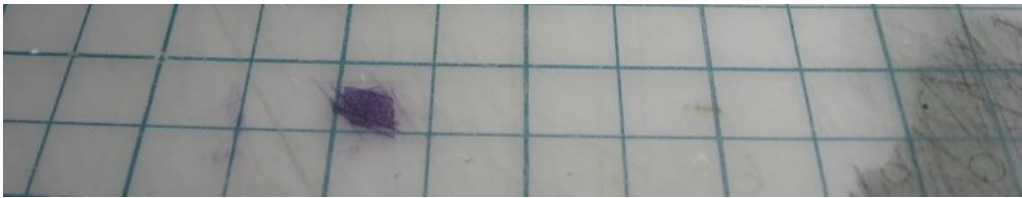
What to do? I realized I could take advantage of the fact that these are flaps, or gills, or whatever you want to call them. I cut the offending flaps off, swapped four, inverted two, did the hokey pokey, and glued them back in place. Camo looks good top and bottom now:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



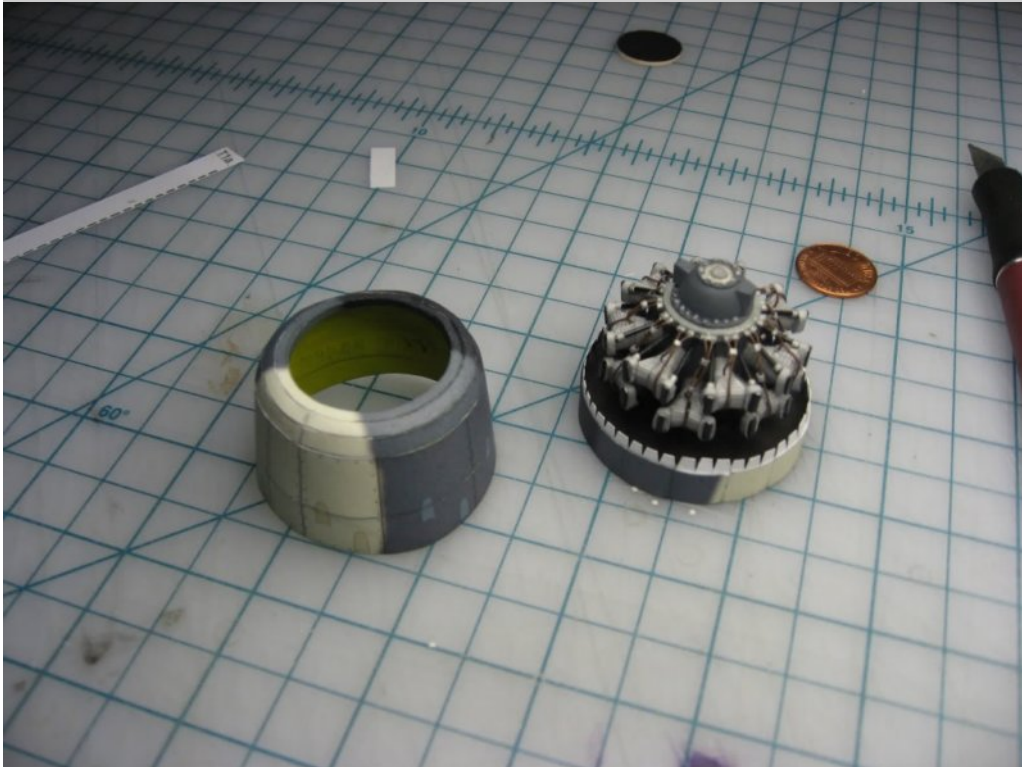
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x801.




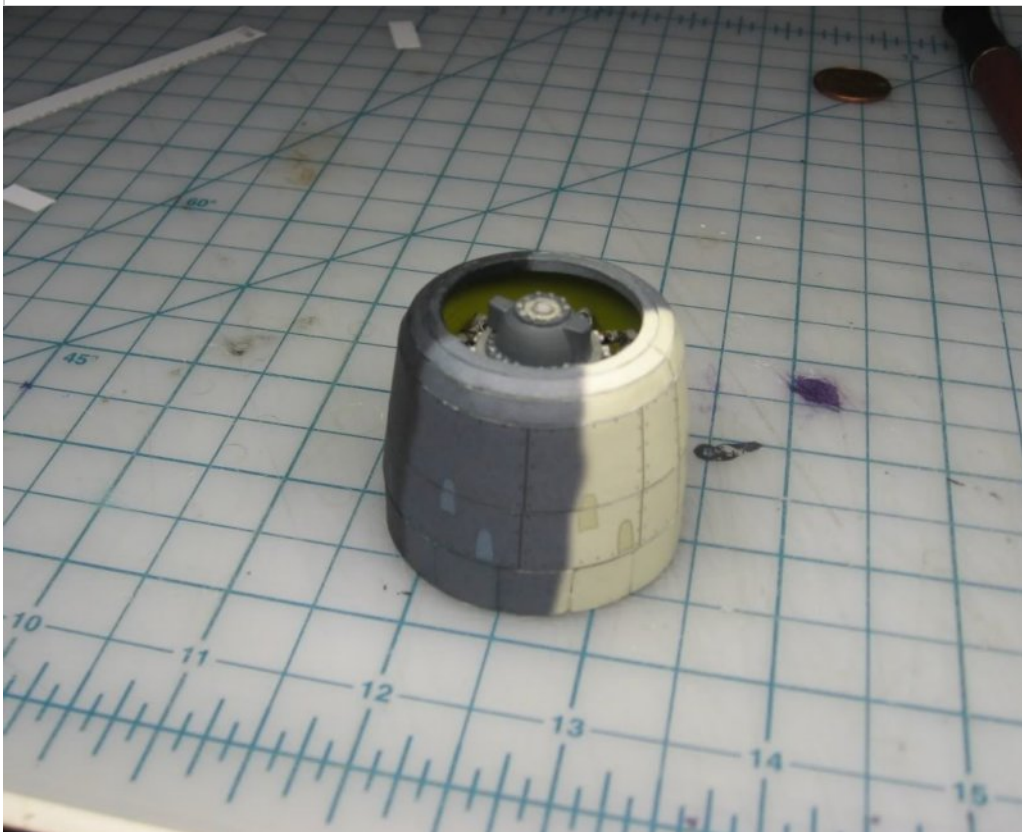



Then glued the front ring to body, painted the inside (I went with a zinc chromate green, gives it a little color), set the engine in its base, and that's it for one cowling:

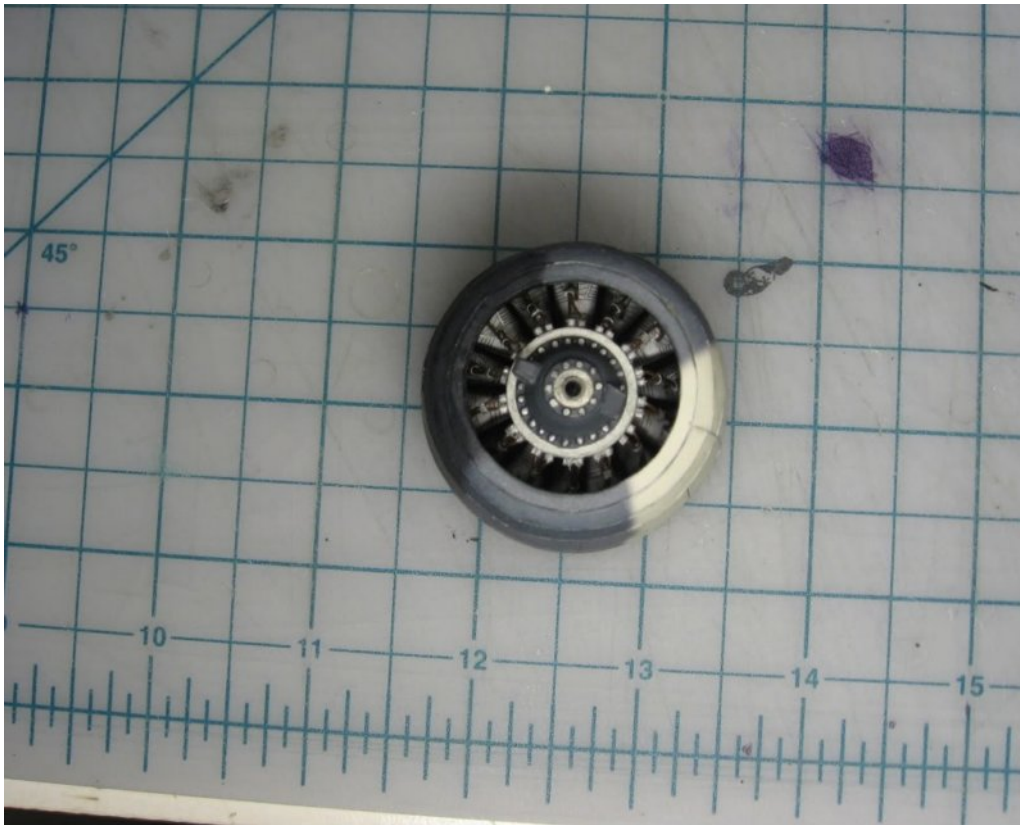
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x830.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x820.



I'll get the other to this stage, and then add the exhausts to both at the same time.

Lesson learned here: When things go South, put it down and walk away for awhile. Solutions come easier after a good night's sleep.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>




 Post Reply

Page 11 of 77 << First < 9 10 **11** 12 13 21 61 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :



Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules 

You **may** post new threads
You **may** post replies
You **may** post attachments

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
365 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 12 of 77 [« First](#) < 2 10 11 **12** 13 14 22 62 > [Last »](#) ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

08-27-2009, 03:09 AM

#111 ([permalink](#)) 



John Bowden 
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 784

Very good recovery..... even without a spin parachute! You just earned a feather on your test pilot wings!

john

[www.dgapapermodels.com](#)

[My Drawings](#)

 [Quote](#)  

08-27-2009, 04:01 AM

#112 ([permalink](#)) 



birder 
Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 1,923

Took some guts to do that fix, nice work, this will be a great model. 😊

Glen

 [Quote](#)  

08-27-2009, 06:45 AM

#113 ([permalink](#)) 

chanovx 
Member

Join Date: Aug 2009
Posts: 3

that's awesome detail....

 [Quote](#)  

08-27-2009, 02:17 PM

#114 ([permalink](#)) 



Wyvern 
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Dang, Mike, that has to be the best engine model I've ever seen- in any medium...

Wyvern

 [Quote](#)  

08-27-2009, 02:41 PM

#115 ([permalink](#)) 



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thank you gents. Two things I forgot to mention in my last post.

Shrike's "RollyStyk" (I have the original large one, accept no substitutes) was priceless in the final shaping of the cowl before I painted the insides. I used the blunt end up inside the lip. rolling it against my cutting mat. and it smoothed things out

painted the insides. I used the blunt end up inside the lip, rolling it against my cutting mat, and it smoothed things out considerably. I'll show it in action when I make the second cowling.

Also, before I painted the insides I coated the connectors/joints with some diluted white glue (about 60/40 water to glue). I just brush it all over the inside and let it dry. I had this image in my head of green paint oozing out of the seams to the outer surfaces. Don't know if I really needed to do that, BUT, there's no green paint on the outside 😊.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 08-27-2009 at 02:42 PM. Reason: why not?



08-29-2009, 02:16 AM

#116 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

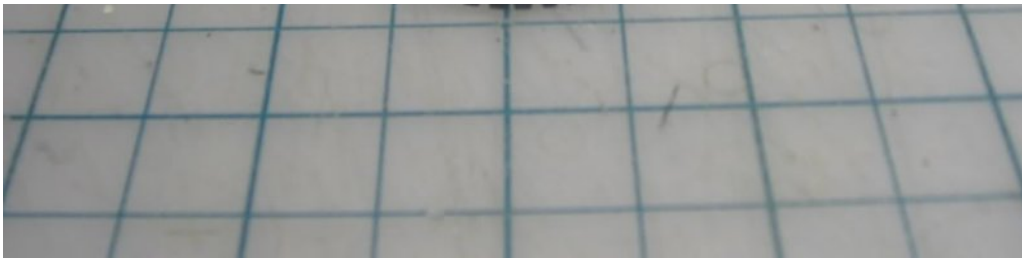
Quickie update to show the RollyStyk in action as promised.

With two of the cowl rings together, I roll the inside of the assembly against the cutting mat using the blunt end:



Smooth and round:





I glued the third ring to the lip with tacky glue and let it set up a bit, but still not completely dry. Rolled it again:



Presto:



Once it dries hard, I'll attach to the main cowl body, and hit it one last time with the RollyStyk. Perfect cowls every time (hey that

could be a marketing slogan).

Thanks Shrike!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-29-2009, 02:45 AM

#117 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Looks great, Mike! I quit early today and came home to assemble the cowl of my little Marek Shoki this afternoon. Not **quite** the challenge your cowl presented.

Don



08-29-2009, 02:54 AM

#118 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks Don. I tried the leathercraft tool for the first cowl, but the RollyStyk has the better radius on the end, so I'm using it exclusively for the second cowl, with the result that this second cowling is going together much better than the first (typical for when one has to make two or more of the same thing).

Shoki huh? Will we get to see some pictures? Yes?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-30-2009, 11:24 PM

#119 ([permalink](#))

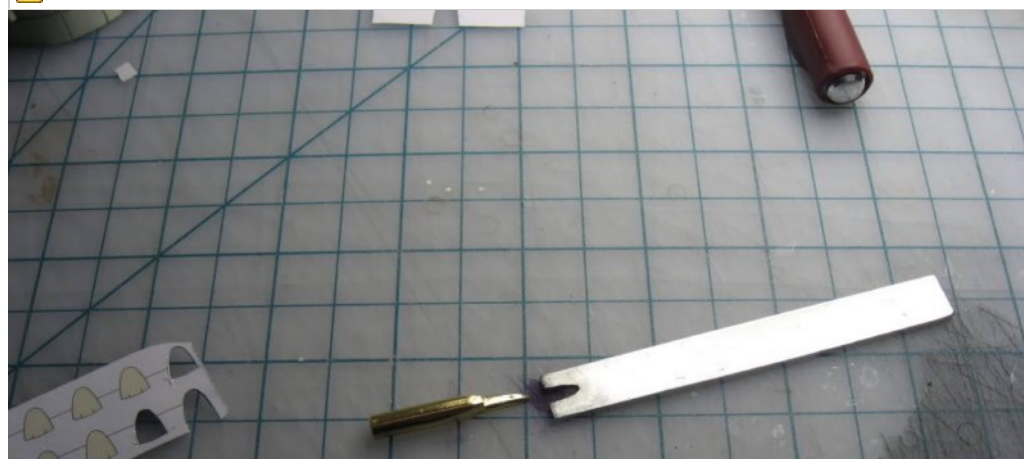


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

More cowl work today, adding the exhaust ports. The problem was how to make them uniform in shape since they're so close in proximity to one another. My solution was to create a "punch and die" of sorts:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

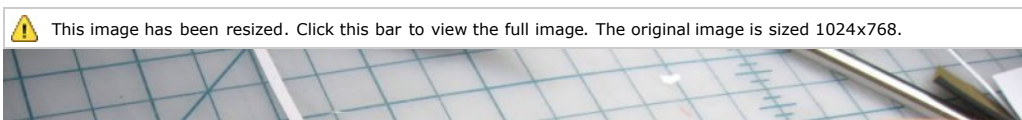


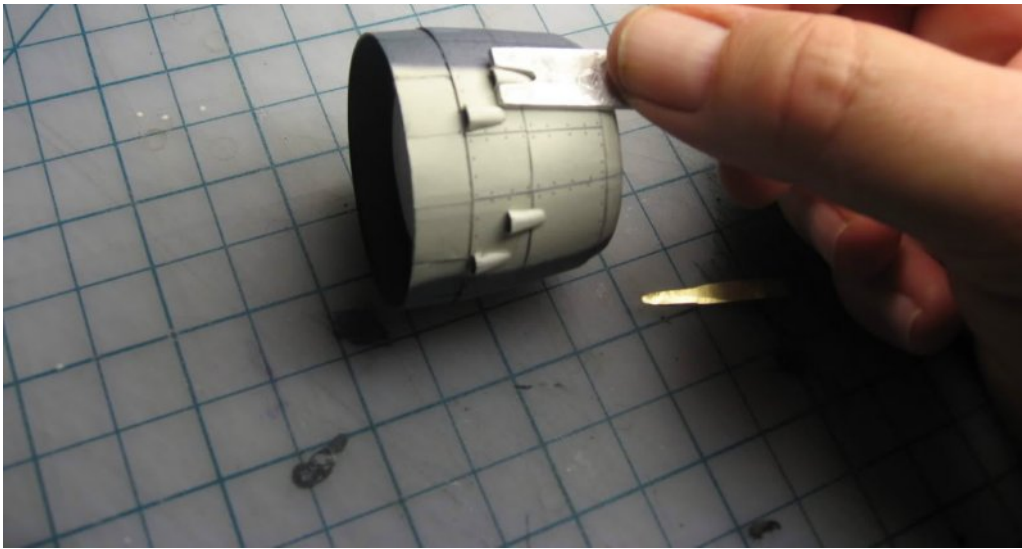


I first painted the backside of the sheet of parts dark gray. Then, with a cut out part, I shaped it using first the “punch”, and then jamming it into the die:




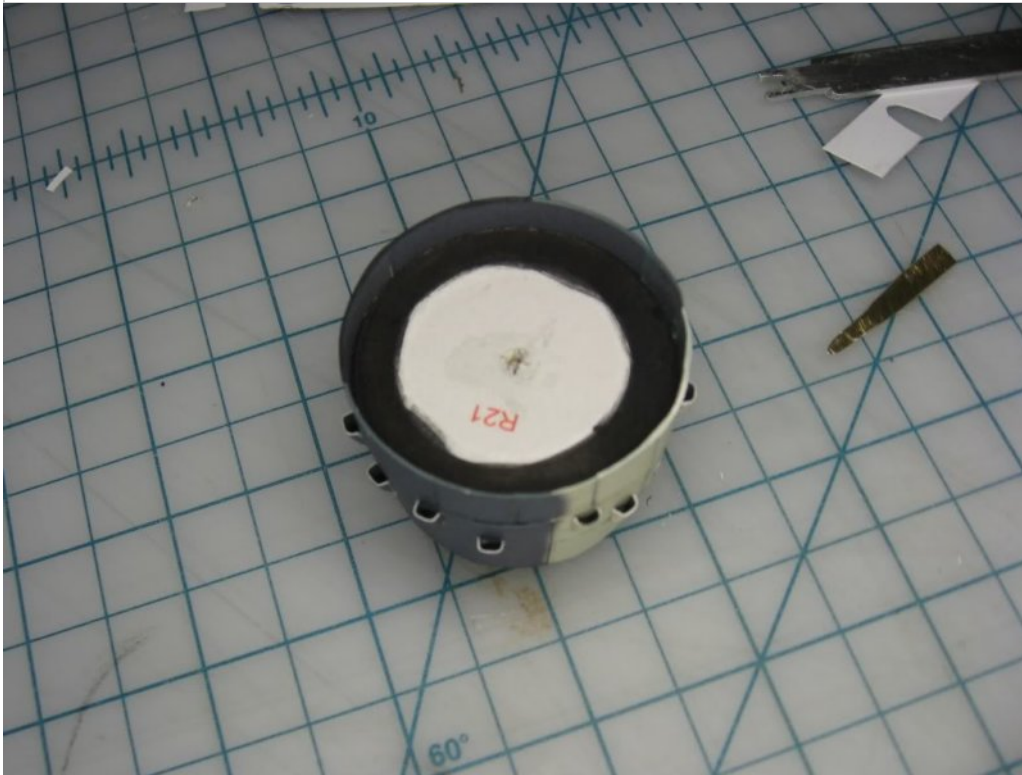
Excess can be cut from behind by running the knife blade flat against the tool bottom. Remove the punch, and with the part still in the die, apply glue to the edges and use the tool to set the exhaust on the cowling:




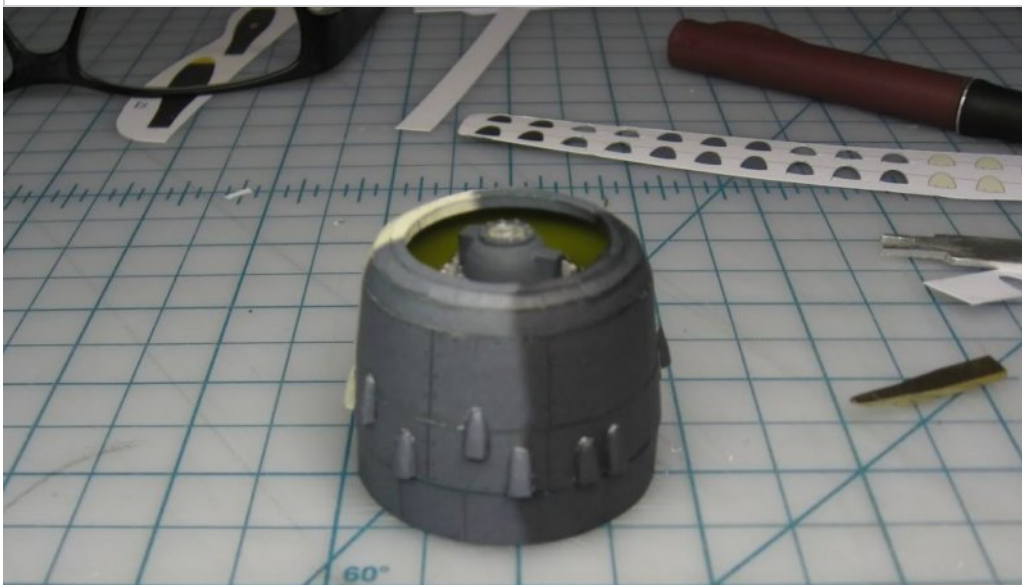


Here's the completed cowling from several views. The ports seem pretty uniform (I got better at shaping the parts as I went along from white to gray to dark blue):

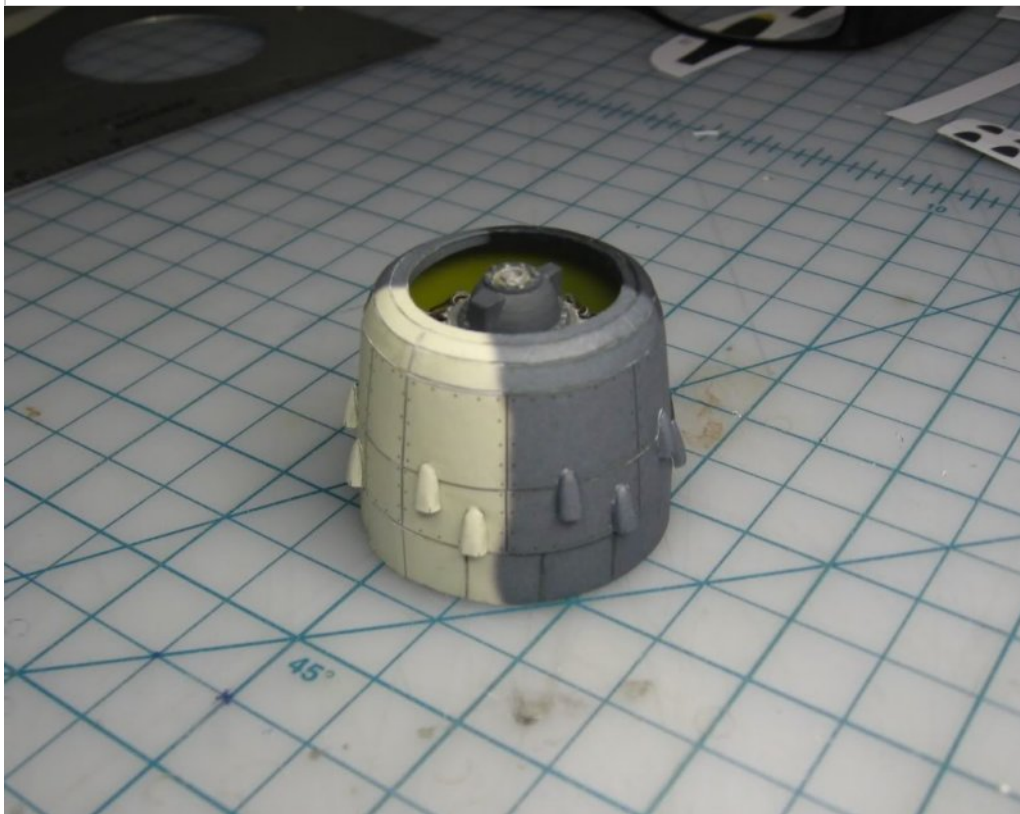
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x771.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x790.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x810.



Surprised it worked. Well nothing ventured, nothing gained....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



08-30-2009, 11:33 PM



B-Manic
Nautica Moderator

#120 ([permalink](#)) 

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

It worked very well I'd say. Thanks for the tip.

The proceeds from sales at www.hobbyfactory.com support this forum!!



 Post Reply

Page 12 of 77 << First < 2 10 11 **12** 13 14 22 62 > Last >>

Tags

None

[Edit Tags](#)

Quick Reply

Message :





[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
365 **Unread Posts** since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 13 of 77 « First < 3 11 12 **13** 14 15 23 63 > Last » ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

08-31-2009, 12:16 AM

#121 ([permalink](#)) 



peter taft 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Your ideas are brilliant my friend. The cowling is a piece of model making art all on its own 😊 Perfect 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  

08-31-2009, 12:26 AM

#122 ([permalink](#)) 



GreMir 
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Very neat!
Can't wait to see rest of the model take shape.

Michael Krol
[www.gremirmodels.com](#)

[Quote](#)  

08-31-2009, 12:57 AM

#123 ([permalink](#)) 

kenlwest 
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

That cowling looks great! I sure hope it doesn't hide too much of the wonderful work on the engine.

Ken

[Quote](#)  

09-01-2009, 03:23 AM

#124 ([permalink](#)) 




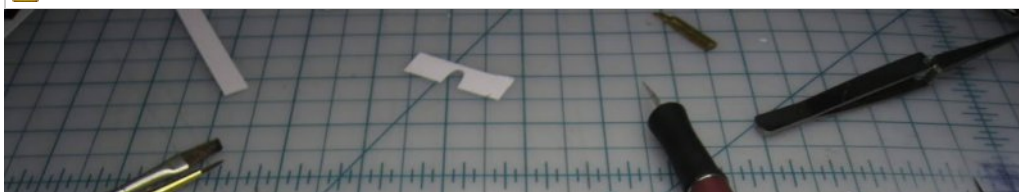
Bomarc 
Member

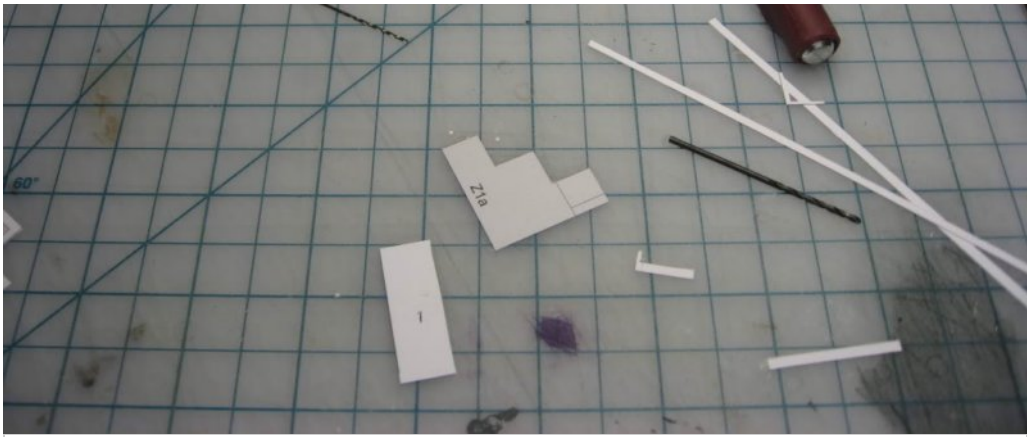
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457


Now for something completely different

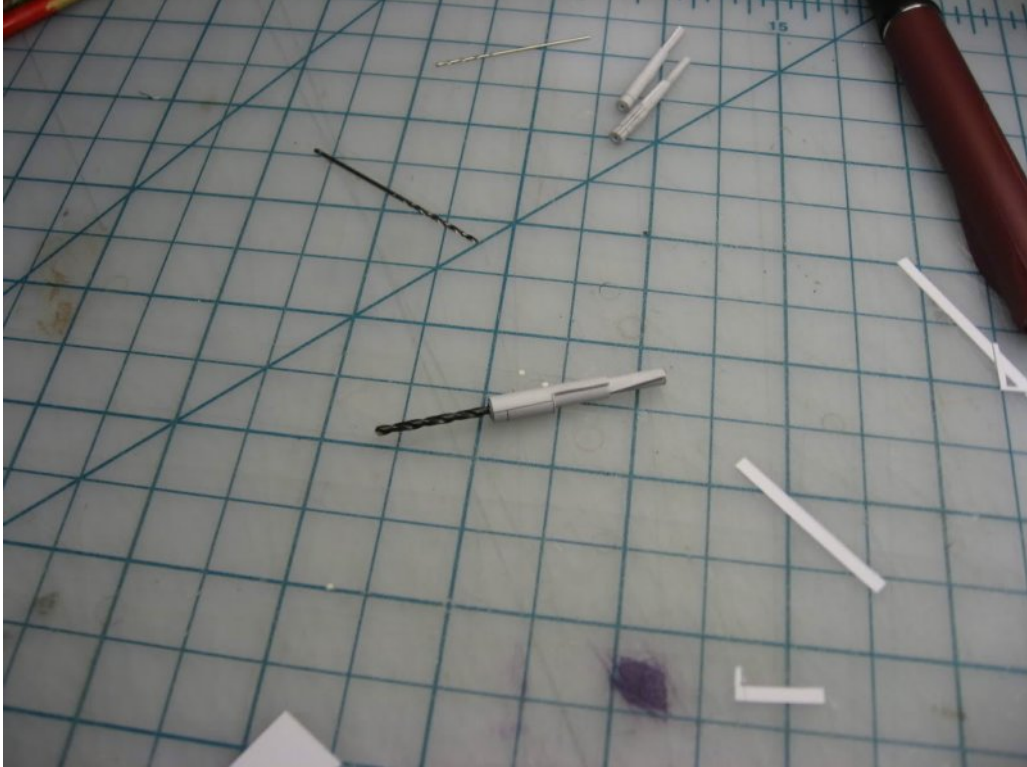
Started on the propellers. Pretty straight forward stuff, no tricks. To make the blades, Orlick first has you roll a tube that becomes the inner spar. Wasn't too sure how tightly this needed to be rolled, but I figured that few marks that are printed on the part would have to meet up when rolled right. To get it tight, I first rolled it with a 1/32nd drill bit, then a smaller drill bit, and then even a smaller bit:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

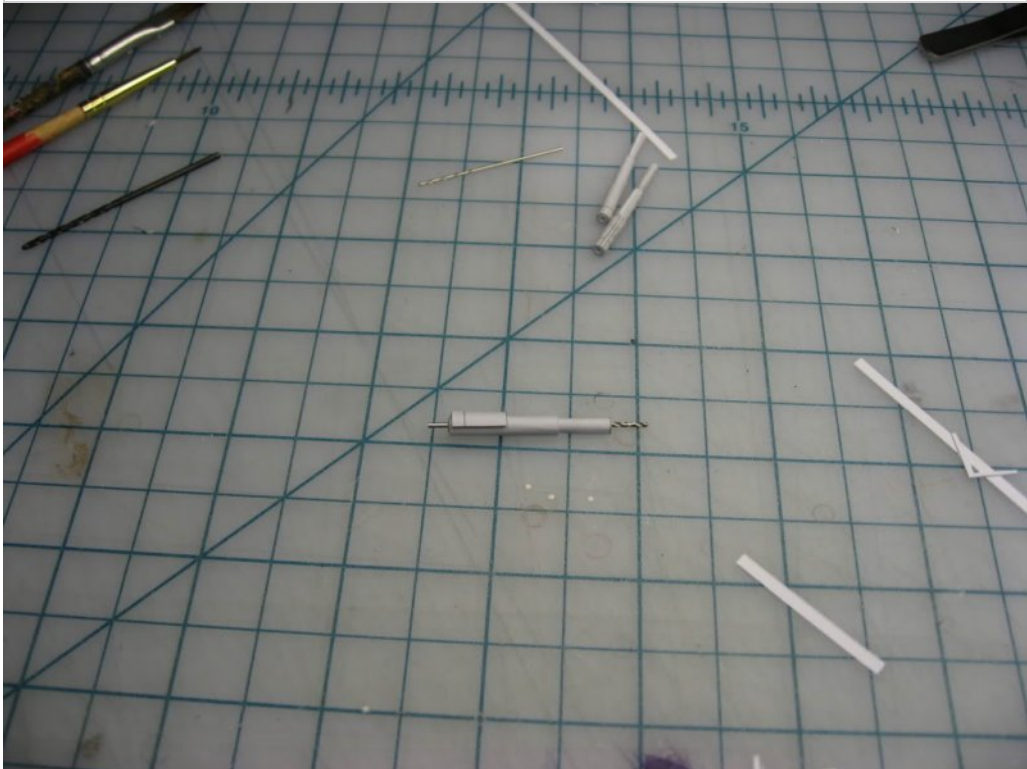





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

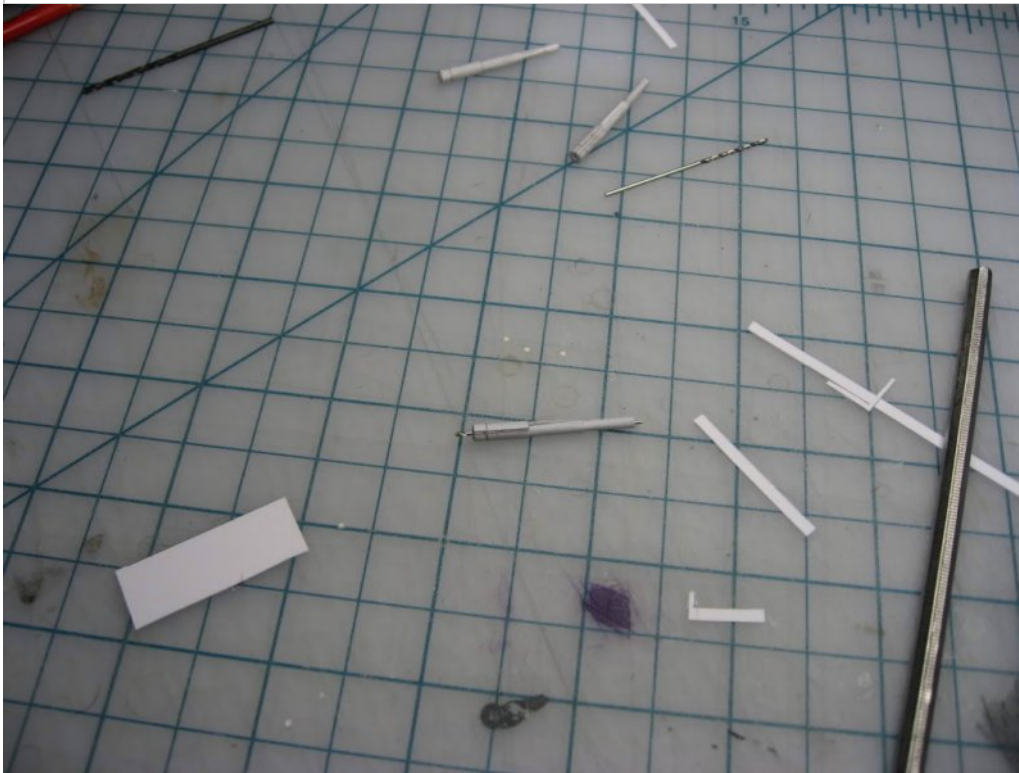


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




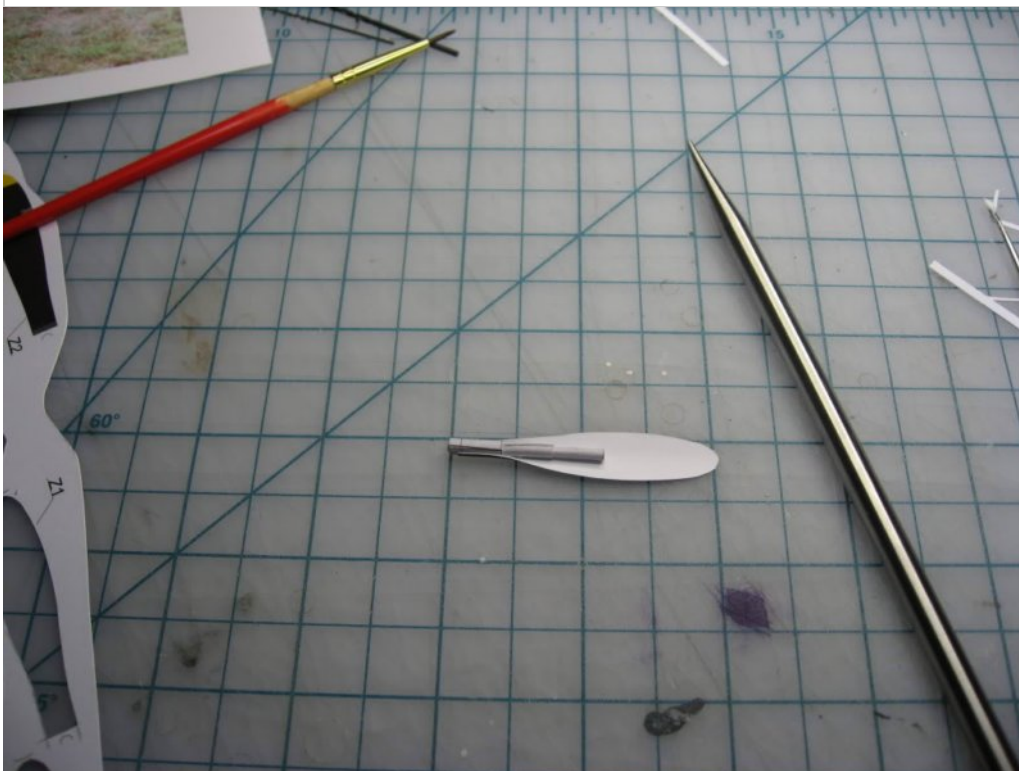
The final roll on the last bit, I would glue as I went. The lines meet on the largest part of the roll, so I guess it's the right size:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



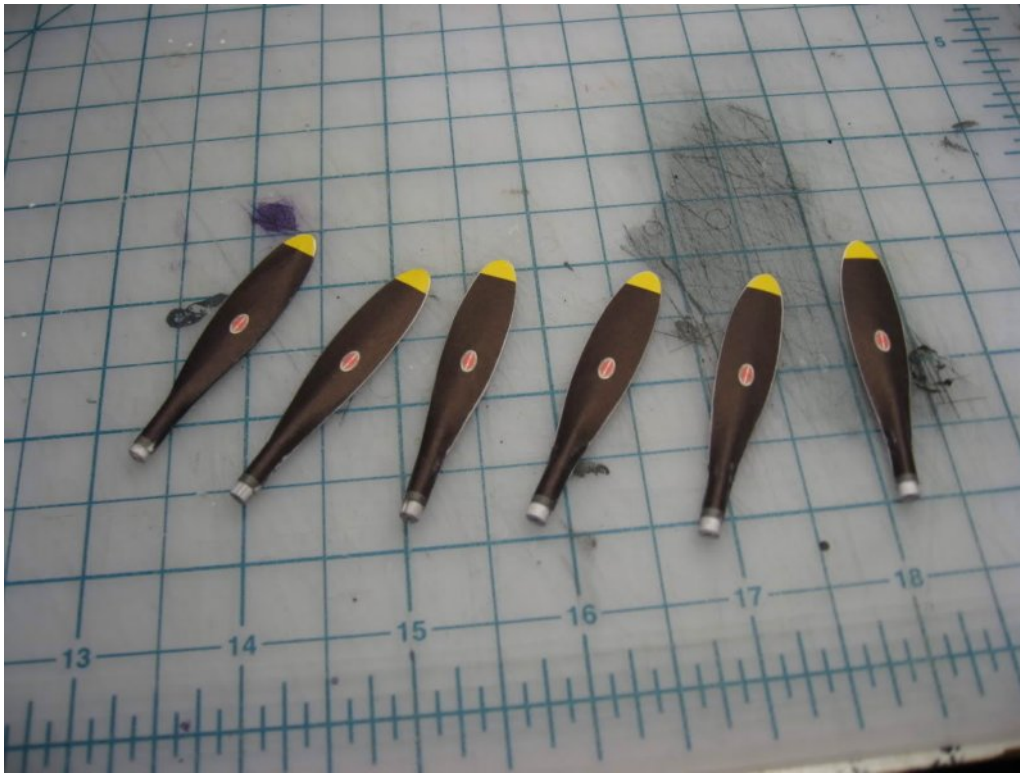
Then it's just cup the one end of the prop blade and glue in the shaft, followed by the other half:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I used tacky glue throughout. If I had some, I think I would have used the extra tacky stuff; lots of pinching and holding to get the edges together without collapsing the center part of the blade. Also, I wasn't too concerned if the edges overlapped and I think Orlik purposely made the blades too wide for that reason. Using 240 grit wet/dry sandpaper (dry naturally) I worked the edges down to more "Mitchell" like proportions. Then I chased the edges with 400 grit to smooth the paper down some:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



The one on the very left has had its edges and shank blackened with a magic marker (use your finger to blend it in with the printed black). After that dries, rub the edges down again with 400 sandpaper, they'll get even smoother. Yellow tips will be handled by model paint, one last touch-up with the MM, and it's done.

Hubs are next, and I can already see I'll be deviating a bit from the kit parts.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-01-2009, 08:25 AM



Foxbat
Member

Thank for the tip about exhaust ports, Mike.
Real looking blades!

Sergey

www.papermodels-bg.com

#125 ([permalink](#))
Join Date: Jun 2009
Location: Sofia, Bulgaria
Posts: 183



09-01-2009, 04:19 PM

kenlwest
Member

You would be hard pressed to say that the prop on the left isn't plastic.

Great job!

Ken

#126 ([permalink](#))
Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306



09-01-2009, 05:18 PM

#127 ([permalink](#))



buffalowings
Member

Join Date: Jun 2009
Posts: 316

bomarc, what do you use to color the edges, acrylics, enamels, markers, colored pencils, pastels perhaps?



09-01-2009, 06:30 PM



Bomarc
Member

#128 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **buffalowings**
bomarc, what do you use to color the edges, acrylics, enamels, markers, colored pencils, pastels perhaps?

Short answer: YES!

Kidding....I've been using a bit of a mix of acrylic and enamel depending on what color I need and have on hand. The green inside the cowling, and the gray, silver, brown, and gloss black on the engines are Tamiya acrylic. For edges on parts that have the three tone Navy camo I'm using Testors Model Master enamels of the same colors (sea blue and intermediate blue). Then magic marker for the propeller blades. It's a real hodge-podge, whatever works best at the moment is what I go with....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-02-2009, 02:36 AM



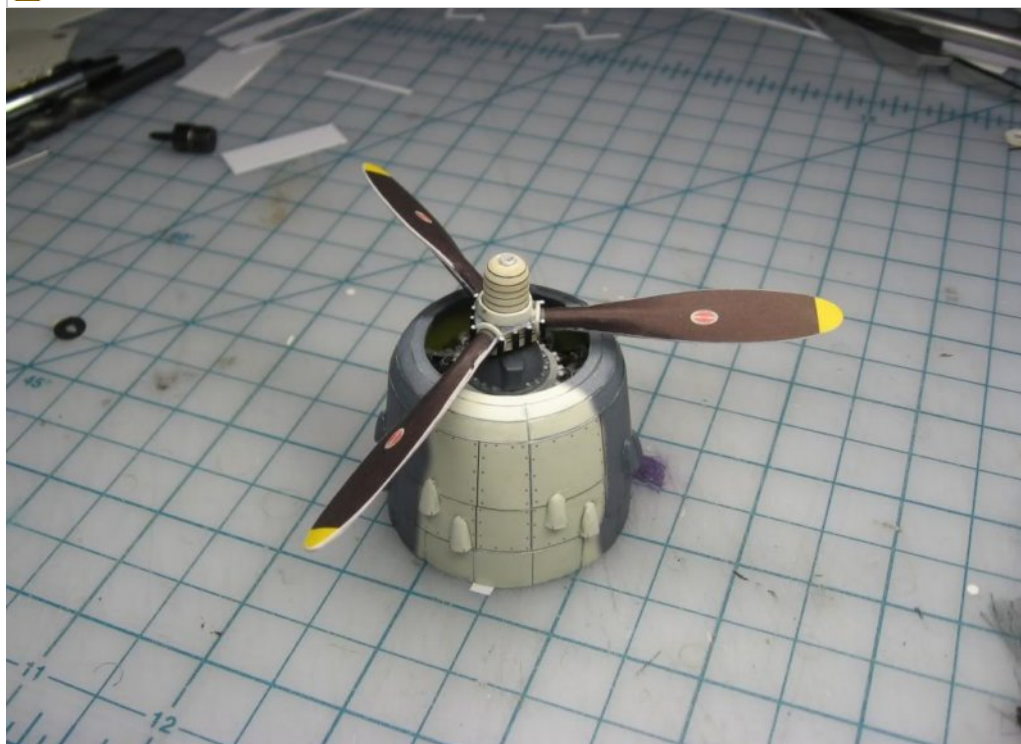
Bomarc
Member

#129 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Sneak peek.....

This image has been resized. Click this bar to view the full image. The original image is sized 1024x743.



More later.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#) Moderator here: <http://p51sig.ipbfree.com/index.php>



09-02-2009, 03:20 AM

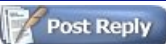
#130 (permalink)



Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,934

Simply gorgeous - but how you could bear covering up those beautiful engines is beyond me.

Ron S.



Page 13 of 77 << First < 3 11 12 **13** 14 15 23 63 > Last >>

Tags [Edit Tags](#)

None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

BB code is **On**
Smilies are **On**
[IMG] code is **On**
HTML code is **Off**
Trackbacks are **On**
Pingbacks are **On**
Refbacks are **On**

[Forum Rules](#)

Forum Jump

Aviation

All times are GMT. The time now is 04:48 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
365 **Unread Posts** since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 14 of 77 [« First](#) < 4 12 13 **14** 15 16 24 64 > [Last »](#) ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

09-02-2009, 04:48 AM

#131 ([permalink](#))



Retired_for_now

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 961

The curse of the superior modeller - nobody but you will ever see some of the most beautiful parts. At least we have the build thread ...

Yogi

[Quote](#)

09-02-2009, 11:45 AM

#132 ([permalink](#))



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Quote:

Originally Posted by [Retired_for_now](#)
The curse of the superior modeller - nobody but you will ever see some of the most beautiful parts. At least we have the build thread ...

Yogi

I second that. Truly stunning work !

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)

09-02-2009, 12:21 PM

#133 ([permalink](#))



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [Retired_for_now](#)
..... At least we have the build thread ...

Yogi

...and Paris! The Germans wore gray, you wore blue*....

I'll lay out how I cobbled together the prop hub with the second build in the coming days. Orlik definitely had a "senior moment" when they designed the kit's parts, but I *can* say I did use some of them....some.

Mike

*For bonus points, name that movie...

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



09-02-2009, 12:39 PM

#134 (permalink)



buffalowings
Member

Join Date: Jun 2009
Posts: 316

I'm guessing you laminated layers of card together, stuck it in your dremel and sanded away



09-02-2009, 01:05 PM

#135 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **buffalowings**
I'm guessing you laminated layers of card together, stuck it in your dremel and sanded away

Yep, that's pretty much it, plus some left over "pushrod" material for the bolts on the side.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-02-2009, 01:26 PM

#136 (permalink)



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

You just keep setting the bar higher and higher! How can any of us keep up?
It's truly amazing workmanship. Thanks for bringing us along Mike

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-02-2009, 01:31 PM

#137 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Casablanca.

And your modeling continues to inspire.

Don



09-03-2009, 01:48 AM

#138 (permalink)



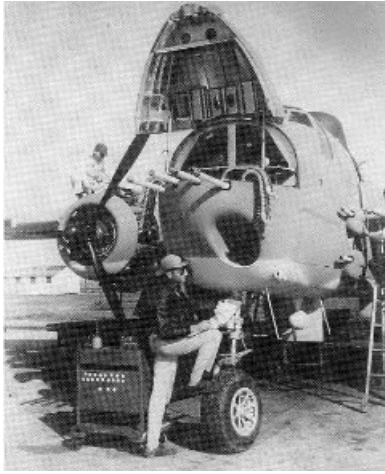
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457


Not much action tonight. Just spruced up the parts I have so far. Did a little research and discovered that prop hubs on PBJ's could be all silver




...or all black.

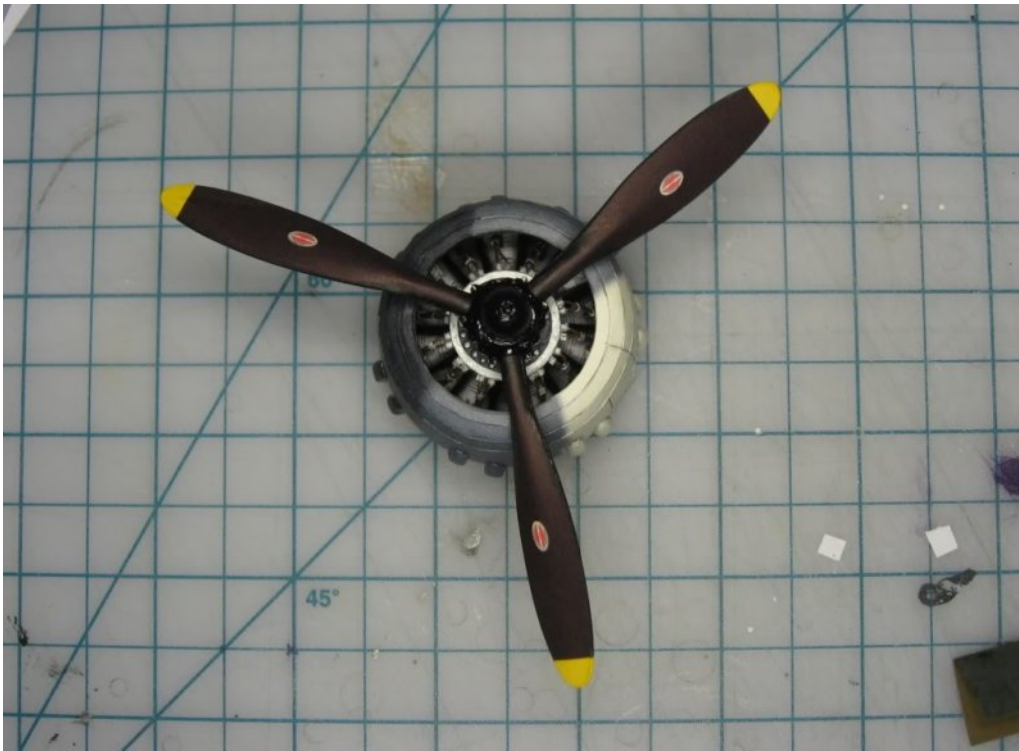


The above images come from the Norm Avery cite in my review of the kit. I like the all black, and I went with a gloss black to contrast with the dull blades:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x712.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746.



What's the consensus? Too glossy, too black? The Orlik printed black on the blades is not a true black (has bit of red to it), but I'm stuck with it. I'm thinking of toning down the gloss with clear satin (or maybe clear flat).

Still, looks kinda Mitchell like to me.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



09-03-2009, 01:57 AM

#139 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Just right. Indistinguishable from a full-sized aircraft engine, cowling, and propellor.

Don



09-03-2009, 02:06 AM

#140 ([permalink](#))

kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

The gloss level is PERFECT! ... as is the build.

I think I would build a 5th engine and mount it on an engine dolly and sit it next to the model. That way the workmanship can be displayed.

Ken



Post Reply

Page 14 of 77 [« First](#) [<](#) [4](#) [12](#) [13](#) **14** [15](#) [16](#) [24](#) [64](#) [>](#) [Last »](#)

Tags

[Edit Tags](#)

None

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
365 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 15 of 77 [« First](#) < 5 13 14 **15** 16 17 25 65 > [Last »](#) ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

09-03-2009, 02:16 AM

#141 ([permalink](#)) 



Retired_for_now 

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 961

Blades dull from dirt/sand/dust/bug erosion of the paint. Hub shiny from (inevitable) leaks of hydraulic fluid from the blade pitch seals. Perfect.

Yogi

[Quote](#)  

09-03-2009, 04:44 AM

#142 ([permalink](#)) 

Wily 

Member

Join Date: May 2009
Posts: 136

So...what are you going to do with the finished model?

wily

"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com

[Quote](#)  

09-03-2009, 12:00 PM

#143 ([permalink](#)) 




Bomarc 

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [Wily](#) 
So...what are you going to do with the finished model?

I dunno....I have to finish it first! 

Thanks for the input guys, I'm going to leave as it for the time.

Let's build the second one....!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)  

09-03-2009, 12:18 PM

#144 ([permalink](#)) 



peter taft 

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Quote:

Originally Posted by [Retired_for_now](#) 

Blades dull from dirt/sand/dust/bug erosion of the paint. Hub shiny from (inevitable) leaks of hydraulic fluid from the blade pitch seals. Perfect.

Yogi

I'm with Yogi and the rest of the guys.... as is - don't change a thing mate you've got it just right 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



09-04-2009, 12:17 AM

#145 (permalink) ⚠



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Looks like Pavel has been busy:

[Êàðòííáÿ Àðìëÿ :: Ìðíñíòð òàìù - B-25 J "Mitchell" ìð Orlik](#)

Go, Pavel, go!!

I only hope my kit comes out half as nice if/when I get to these parts.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-04-2009, 03:27 AM

#146 (permalink) ⚠



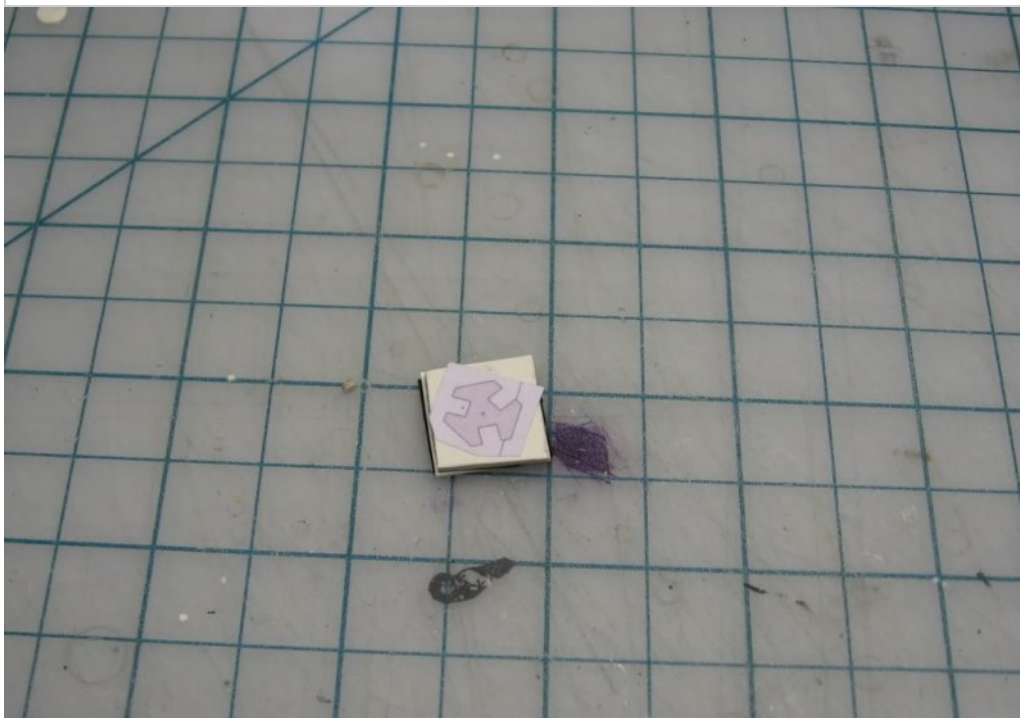
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Let's get ready to make a prop huuuuub.....!

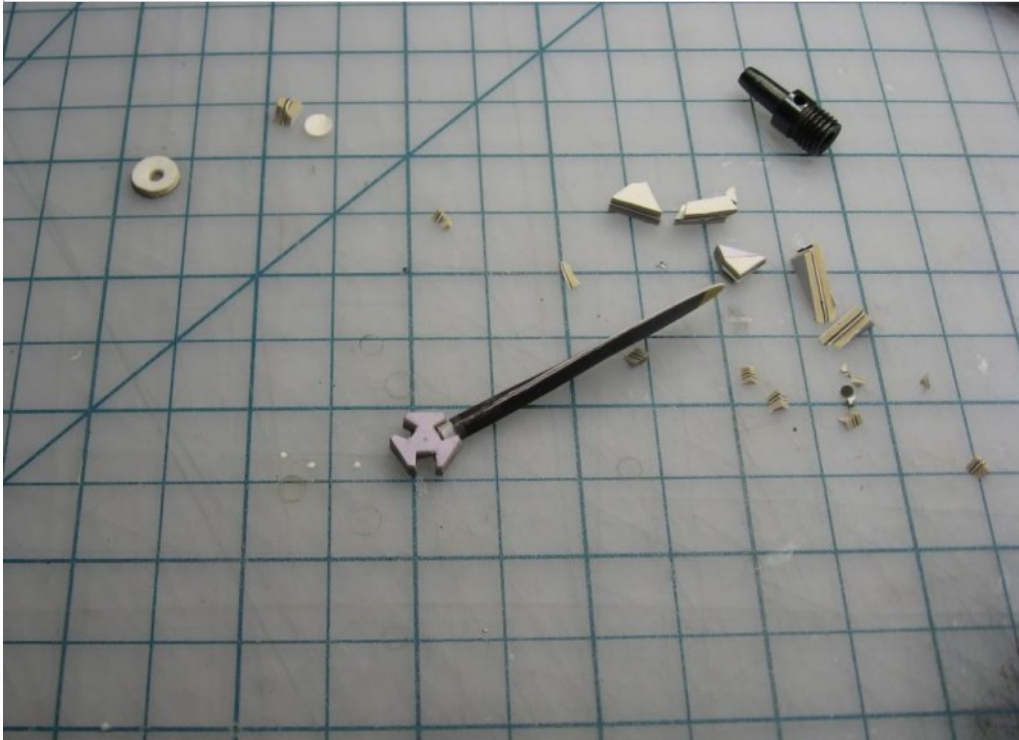
First thing to do is stack up a bunch of card to make up the core of the hub. Orlik would have you stack three 0.5mm card pieces, which would make this a little over 1/16". Not enough, as the blade shanks are 1/8" in diameter, so I just stacked a combination of different card stock sizes to get it to an eighth of an inch. To this I glue on the Orlik part (reprinted on common printer paper):

⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x826.



trim it down, cutting the notches slightly bigger than printed. You want the prop blades to fit snug without distorting the part, like this:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x739.




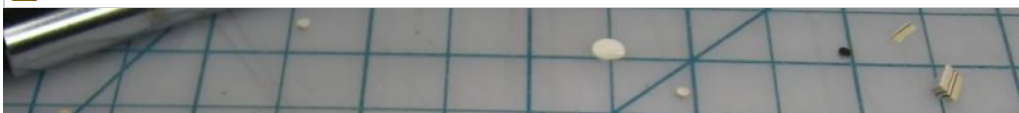
True to my word, I used some of the Orlik parts, the top and bottom pieces, to be precise:

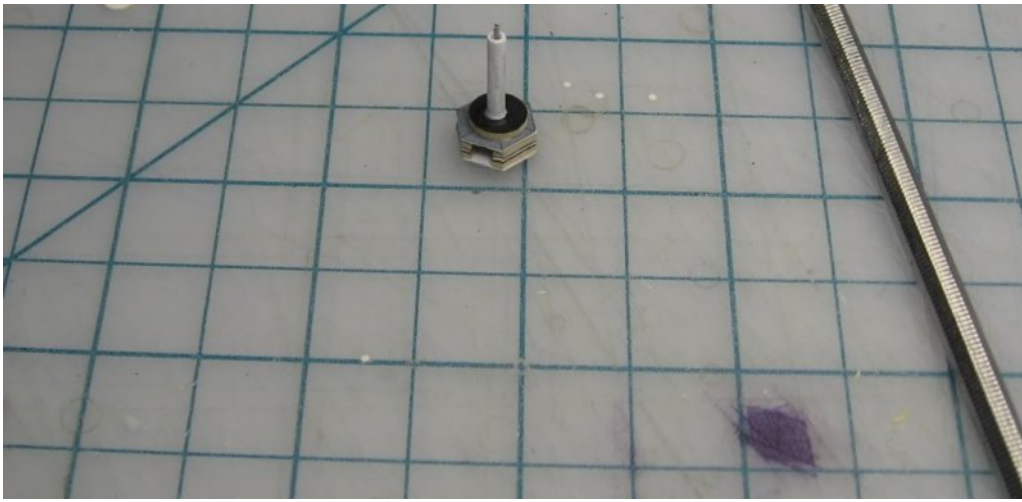
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x825.




Through this I pushed a straight pin (GASP!). I know, I said I hate straight pin shafts, but it made for an expedient core for the next step, which was roll paper around the pin to make the actual shaft that fits in the engine. I punched a ring that fits over the paper shaft, and glued it to the base, locking the shaft in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755.





Next, punched some rings the size of the prop shanks, and glued these to each of the openings:

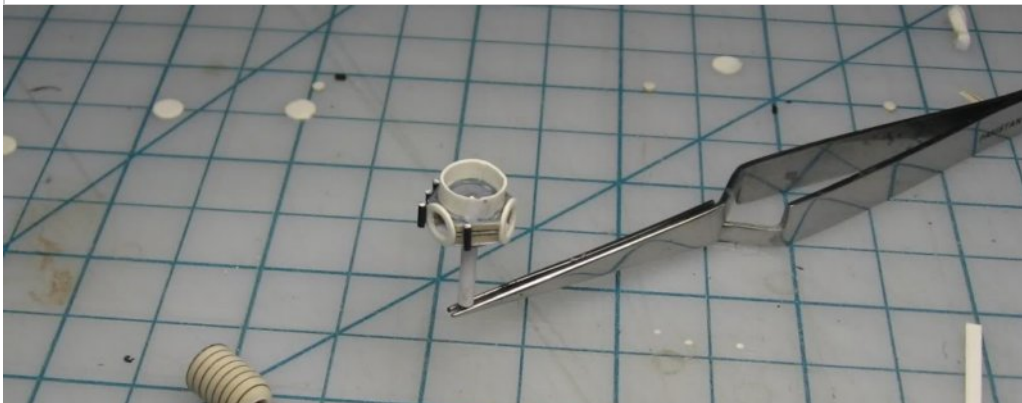
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x774.



By this time I had spun a prop spinner with, as mentioned before, the dremel trick:

Made the base of the spinner from 0.5 mm card, and attached it to the front. Tad hard to roll in these sizes, but I wanted this piece thick as there's a distinct step between the hub and spinner on Hamilton Standard props. Also, using left over painted "pushrod" material, added the "bolts" to the sides:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676.





Once everything was in place, I coated the whole hub with diluted white glue. This helps “seal” all the bits in place, and after several similar “treatments”, will give the whole piece a unitized look:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x803.



Also, the spun part had a rather large hole as a result of the shaft I used to spin it with. To close it up, I rolled paper around a 1/32nd” drill bit and glue it the hole, filling the gaps with Aleen’s. When it dries, I’ll cut it flush, and smooth it down.

Now just let that blobbed glue dry overnight...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>




 09-04-2009, 12:20 PM

kenlwest 
Member

Spinner looks great! I can't believe how accurate and realistic your parts turn out with the simplest of materials. Very good work.

Ken

#147 ([permalink](#)) 
Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306



09-04-2009, 02:13 PM

#148 ([permalink](#)) 



Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Looks plenty Mitchell to me!
Got to try that Dremel trick....



09-04-2009, 02:17 PM

#149 ([permalink](#)) 



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 961

Superb - waiting to see the pitch adjustment linkages and cylinders. How do you get paper to hold the hydraulic pressure in the lines? And, won't the Avgas affect your graphics when you fill the tanks on this one and fire it up?

Yogi



09-04-2009, 06:14 PM

#150 ([permalink](#)) 



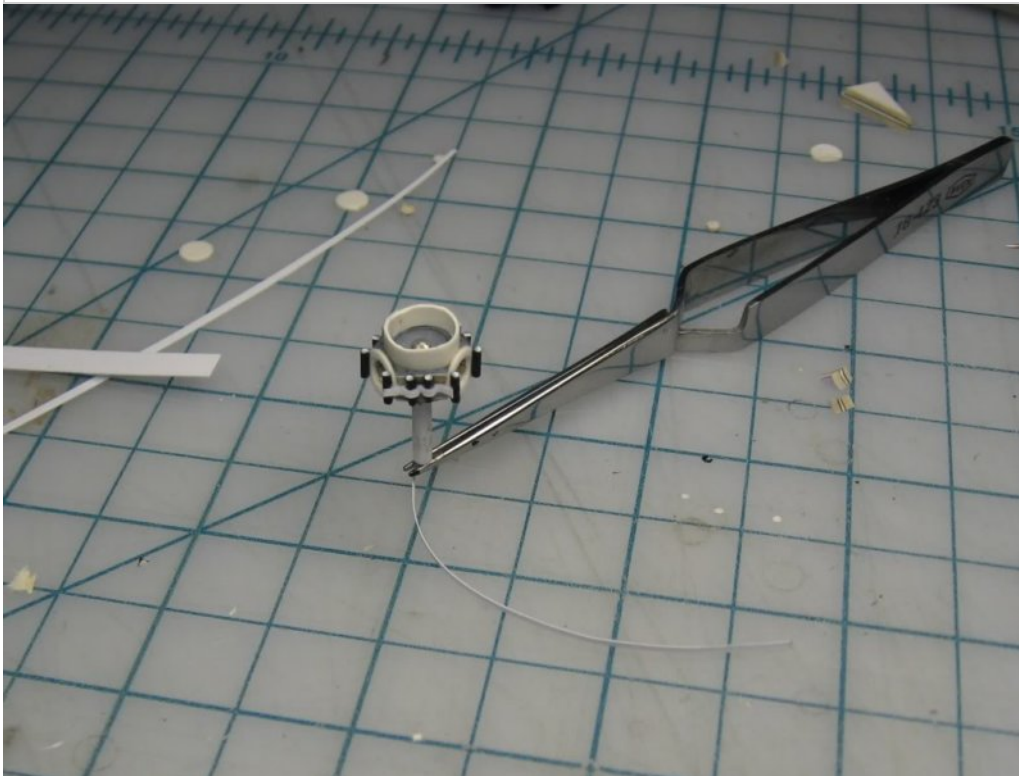
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks guys. It's always my hope that any (all?) the techniques I present in this thread will be useful for your own projects.

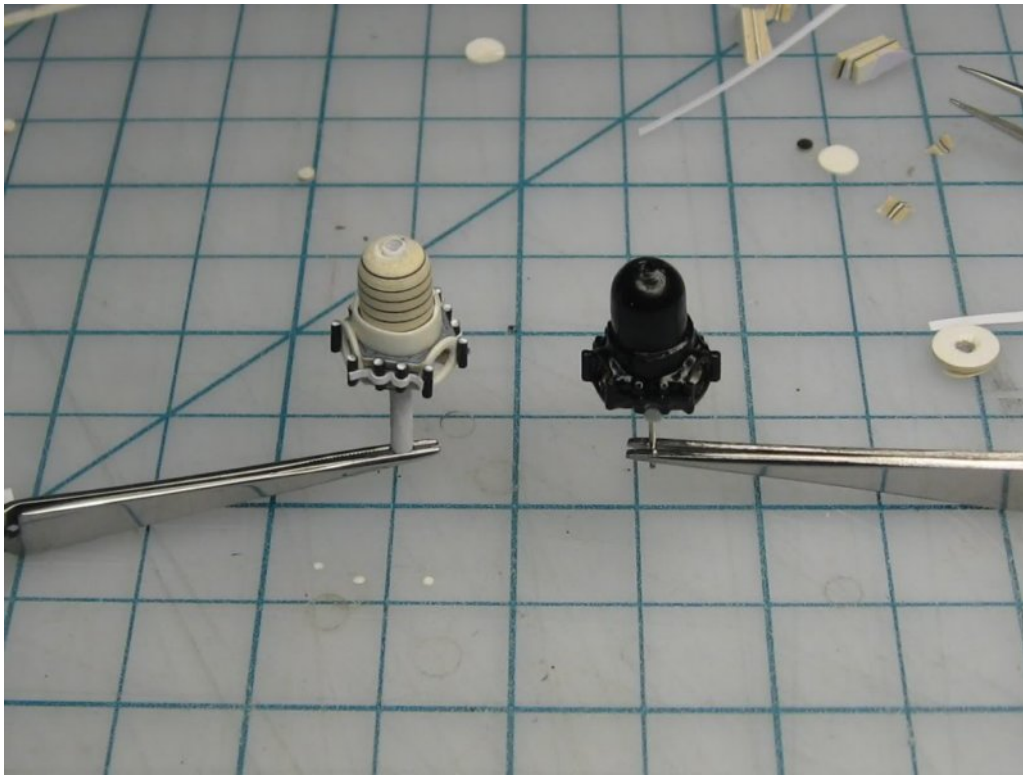
Just a couple of last bits before the long weekend (probably won't be much getting done in the next few days). After the first glue coat dries, I added strips of card to simulate the flange of the hub. The small plastic rods are rigidly in place now thanks to that glue coat, so it's easier to thread this strip of paper between them without dislodging them:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



Still have a couple of coats of glue to go, but here's the latest next to his finished friend:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x770.



And just for reference, here's one of the pics I use to help me decide where I needed to go with these prop hubs (this pic comes from the Mid-Atlantic Air Museum site: [link](#)):



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[Post Reply](#)

Tags

None

[Edit Tags](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
366 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 16 of 77 [« First](#) < [6](#) [14](#) [15](#) **16** [17](#) [18](#) [26](#) [66](#) > [Last »](#) ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-04-2009, 07:48 PM

#151 ([permalink](#)) **Ron0909** 
MemberJoin Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Mike, that`s simply astonishing. You`ve been bestowed with some gift I tell ya!
I`m in need of a drill for wheels etc...You mentioned you use a Dremel for all your rotary needs. Which one do you reccomend? Do you use the extension as well? Sorry for the questions but I saw a huge set of bits (200+) in a wooden case for 75% off.

Thanks again for sharing all your methods :)
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-04-2009, 10:16 PM

#152 ([permalink](#)) **Bomarc** 
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Ron,

I've been using this same Dremel tool for years:

 This image has been resized. Click this bar to view the full image. The original image is sized 740x554.



I wouldn't know what a current equivalent would be. My only recommendation is to pick a tool with variable speed. I never use it above "2", and usually hang around "1" when I sand card stuff down. Anything faster and it will smoke your work (literally).

Long ago, I had a brief stint with the flex-shaft extension, but found it cumbersome. Most times it was easier just to have the tool in my hand. After awhile I gave it away.

HTH

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-05-2009, 04:44 AM



John Bowden 
Member

#153 ([permalink](#)) 


Join Date: Jul 2007
Location: Madison, MS USA
Posts: 784

Ron

Please..... Please..... Go with a "name" brand..... Dremel, Black & Decker, etc....

the "china made" knock-offs are NOT worth the money..... even though they are cheaper, you usually have to buy more of them than what a good name brand costs..... and they are not as powerful (less torque) and bog down easier.....

just my 2 cents worth of experience.

Also go look for longer shafts mandrils that are used to turn pine wood derby wheels..... (unless you get an adjustable chuck and use nails like Bomarc )

john

www.dgapapermodels.com

[My Drawings](#)



09-05-2009, 04:52 AM

#154 ([permalink](#)) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **John Bowden**
..... (unless you get an adjustable chuck and use nails like Bomarc)
john

Hey, don't dis the nails....they serve me well! 😊

Seriously, John is spot on, stick with the known brands. I've had the Dremel pictured above for at least a dozen years.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-05-2009, 07:58 AM

#155 (permalink) ⚠



Sakrison
Member

Join Date: Jul 2007
Location: Ripon, WI, 20 mi from Oshkosh - center of the Aviation Universe
Posts: 163

I have been following this thread with interest (to put it mildly).
All I can say is, "Wow!"
--David

www.ChasingtheGhostBirds.com My Model Pix at: <http://sakrisonwings.blogspot.com/>
"It ain't what they call you; it's what you answer to that matters." -- W.C. Fields



09-05-2009, 05:21 PM

#156 (permalink) ⚠



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Mike and John, thanks for those invaluable tips and the pics of the Dremel. You've probably saved me grief multiple times over by steering me away from the cheap imitations of the dremels out there. I guess the old rule still applies 'never go cheap on tools and w***n' 😊
Thanks again 😊

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-05-2009, 11:58 PM

#157 (permalink) ⚠

Stev0
Member

Join Date: Jul 2007
Posts: 1,012

You can buy them here for \$25 with all the bits.

[rotary tool](#) | [Hand Held](#) | [Corded Power Tools](#) | [Tools](#) | [Princess Auto](#)

They tend to be crap.



09-06-2009, 03:27 AM

#158 (permalink) ⚠



John Bowden 
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 784

Bomarc,

No disrespect intended..... I've used the nail method for a few years now. 😊

I use the Black & Decker Rotary Drill RTX



I bought a Dremel adjustable chuck and swapped it out for the collar type holder and that's all I had to do to mine. It's got 3 speeds and cost less than a Dremel but works for me just the same.

john

www.dgapapermodels.com

[My Drawings](#)



09-08-2009, 03:03 AM

#159 [\(permalink\)](#) 




Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

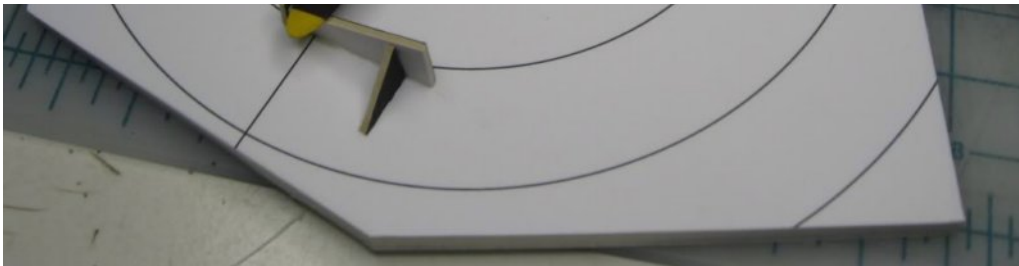
Back at it tonight after a long weekend, tying up some propeller loose ends. After I coated the hub with a few more layers of white glue, I primed it with acrylic paint. I wanted to show you this phenomenon when painting acrylic model paint over white glue:


Don't panic, the water in the paint is re-activating the white glue it comes in contact with, which cracks the paint it when it re-dries. It only happens on the first coat, and after a light sanding with 600 wet/dry, the next coat goes on without a hitch. Not sure what happens when you use enamel paint instead, but I suspect there might be adhesion issues. Just let the acrylic paint dry overnight, and its rock hard.

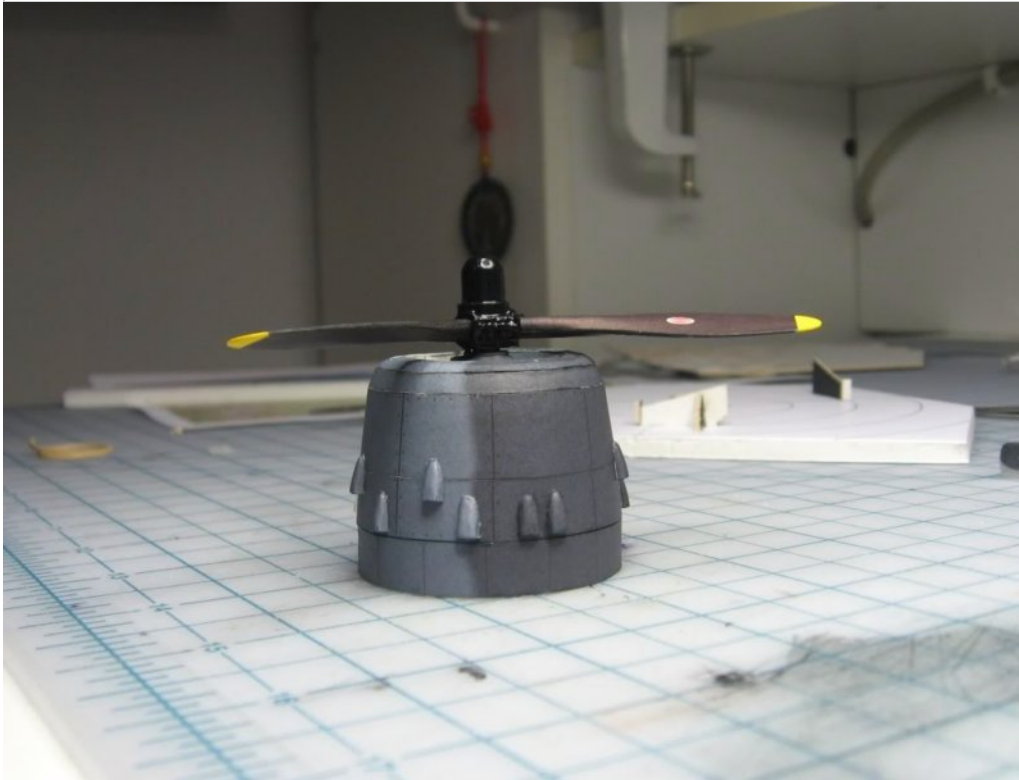
The last bit is to attach the blades permanently to the hub. I cobbled together a quick alignment jig using foam core to which I attached a sketch I did in CAD. Quick and dirty, but now the blades are in the same plane and an equal distance from one another, and both propellers will match in pitch:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x798.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x777.



In my next installment, I show how to balance the propeller assembly and install de-icing equipment.....OK, maybe not. Actually, I think it's engine nacelles and wings next. Wish me luck!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-08-2009, 04:22 AM

#160 (permalink) 



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

The propeller blades and hub look fantastic Mike. The jig is a great idea, thanks.

The proceeds from sales at www.hobbyfactory.com support this forum!!



 Post Reply

Page 16 of 77 << First < 6 14 15 **16** 17 18 26 66 > Last >>

Tags Edit Tags
None

Quick Reply 

Message :

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
367 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.


[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 17 of 77 [« First](#) < [7](#) [15](#) [16](#) **17** [18](#) [19](#) [27](#) [67](#) > [Last »](#) ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-08-2009, 11:53 AM

#161 ([permalink](#)) **peter taft** 
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Looking at your work always makes my day ! knowing that someone on here is always going the extra mile in whatever they are making - you my friend go the extra 10 miles and beyond.... if i didn't already know that all of this is paper, i would be hard pressed to believe it !, you bring a greatness that is of a magnitude which i doubt will ever be beaten or even equalled. To you my friend my hat is most certainly off. 

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  

09-08-2009, 01:36 PM

#162 ([permalink](#)) **Bomarc** 
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Yikes Peter, tell us how you *really* feel....

Thanks for the high praise (however undeserved I think it might be), but I'm most happy that my posts make your day. For me, that's the real reward in this forum posting business.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

[Quote](#)  

09-08-2009, 02:05 PM

#163 ([permalink](#)) **GreMir** 
MemberJoin Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,
Great idea with the jig!
I saw several threads where people used a template to position the blades, but this is the first time that I see somebody taking such an exquisite care to assure uniform pitch of the blades.
This thread sure is worthy to become a tutorial!

Michael Krol
www.gremirmodels.com

[Quote](#)  

09-08-2009, 04:41 PM

#164 ([permalink](#)) **kenwest** 
MemberJoin Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Beautiful work! That prop..... WOW. I will be making a prop jig now that I've seen yours at work.

I use dremel. Like anything else, you should buy the level of quality comensurate with the type of duty the tool will see.

I use dremel. Like anything else, you should buy the level of quality comensurate with the type of duty the tool will see. Growing up on a farm, I've learned many times that "you get what you pay for". Sears usually sells 3 levels of tools... 1) use once every 5 years, 2) use occasionally light work, 3) use it to make a living.

I usually buy the middle of the road, and I NEVER buy the cheapest thing.

Ken



09-08-2009, 04:43 PM

#165 ([permalink](#))

kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Oh, I almost forget to ask..

Is it possible to upload the jig in the download sections?? Of course it's up to you. But that's the slickest idea I've seen in awhile.

Ken



09-08-2009, 04:50 PM

#166 ([permalink](#))



OldTroll

Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

This is definitely a "keep printed copy next to workbench" thread - not just for building this model but for all the excellent tips and techniques that apply to paper modeling in general. Put your factory workers on overtime - there are wings to be built!

Ron S.



09-08-2009, 05:42 PM

#167 ([permalink](#))



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **kenlwest**

Oh, I almost forget to ask..

Is it possible to upload the jig in the download sections?? Of course it's up to you. But that's the slickest idea I've seen in awhile.

Ken

Done. Not sure how useful it will be, but it's there now.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



09-09-2009, 01:02 PM

#168 ([permalink](#))



Bomarc


Member

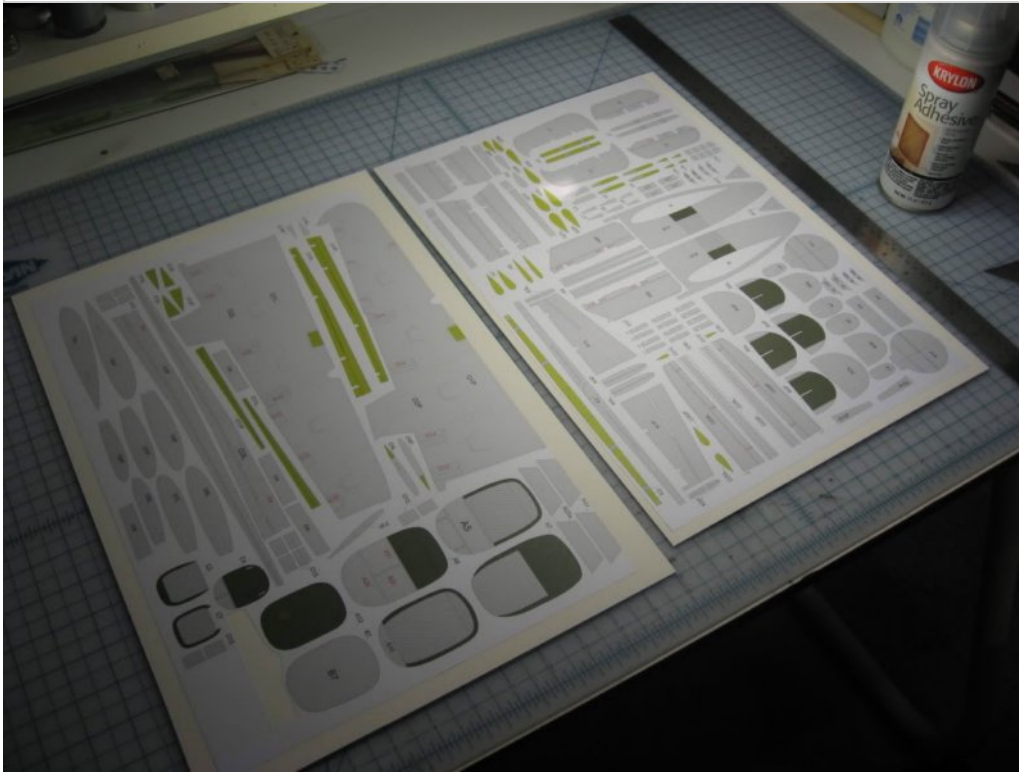
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Looks like card modeling...


Starting to do some *real* card modeling now. Went to my local Pearl Arts and Crafts store last night, and for a mere 6 bucks, got a huge (40" x 32") sheet of 4-ply white crescent board. Little bit thicker than the 1mm card Orlik suggests (I *think* that's what they suggest, if my guess-timation Polish is any good), but thicker card will be for the good, as this is a big model. I'll just have to compensate a tad when I cut the slots out of each part. Chopped the board down to manageable sizes (still lots

left for other models, yaay!), and spray glued down the two parts sheets:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Pretty big, yes? I used Krylon's spray glue, seems pretty good. Also separated out the parts for the right and left engine nacelles. Some smaller parts needed gluing to card, for which I just used white glue:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x766.



Also, using Tamiya acrylics, tried to match the interior green Orlik is using on those parts, and after I hit what I thought was a good match (kinda hard to see at the red arrow), I remembered I had bought a color wheel, spurred to do so by the excellent tutorial on matching colors that Denny posted recently ([Mixing and Color Matching Watercolor Pencils](#)), so maybe I'll try again tonight with that method before I mix up a large quantity.

Regardless, everything should be dry by now, ready for cutting. I think this is my favorite part of card modeling, cutting out parts, building up the box beams with the interlocking formers, putting the "skins" on.....good stuff!

Mike

"Please to continue....."

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-09-2009, 01:54 PM

#169 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

For anyone interested, I've posted an updated propeller alignment template in the downloads section. This one's a bit more universal.

Let me know if it's useful.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-09-2009, 02:10 PM

#170 ([permalink](#))



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

Thanks Mike - I know I will use it.

The proceeds from sales at www.hobbyfactory.com support this forum!!



Page 17 of 77 < First < 7 15 16 **17** 18 19 27 67 > Last >

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

BB code is **On**
Smilies are **On**
[IMG] code is **On**

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
367 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 18 of 77 [« First](#) < [8](#) [16](#) [17](#) **18** [19](#) [20](#) [28](#) [68](#) > [Last »](#) ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-09-2009, 02:49 PM

#171 ([permalink](#)) **Wyvern** 
MemberJoin Date: Jul 2009
Location: North Florida, USA
Posts: 949

Really looking forward to seeing the fuselage, with the front office and battle stations, come together.

Your work on this model has inspired me, Mike- I went and got Fly Model's PB4Y2 Privateer!


Wyvern

[Quote](#)  

09-09-2009, 03:21 PM

#172 ([permalink](#)) **Bomarc** 
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [Wyvern](#) 
.....I went and got Fly Model's PB4Y2 Privateer!
Wyvern

Heh, heh. Jumping in with both feet, eh?

Outstanding! Should look pretty cool parked next to the PBJ.

Of course that means **four** engines for you....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)  

09-09-2009, 03:59 PM

#173 ([permalink](#)) **Wyvern** 
MemberJoin Date: Jul 2009
Location: North Florida, USA
Posts: 949

Fly Model's design for the engines is quite a bit more simplistic than Orlik's PBJ. I'm not sure at this point, as I study drawings and parts, how much extra detailing I'll put into them.

Wyvern

[Quote](#)  

09-09-2009, 04:06 PM

#174 ([permalink](#)) **flying rasta** 
MemberJoin Date: Aug 2009
Posts: 105

I showed my brother these pics and he still has a hard time believing that its paper...

my response since seeing the engine first few pics.....oh...myGod.

please keep inspiring.... waiting to get a few more tools before i start by jumping in on marek models....

ummmm....sorry...still trying to stop drooling...need to get mop.

Damn you!..i am trying to get work done here in office....must look away from this site. (still trying)

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



09-09-2009, 05:02 PM

#175 ([permalink](#))



Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Rasta mon,

check Chris' ECardmodels site; he's putting up a few of Marek's older 1:50 models.

Chill,
Wyvern



09-10-2009, 03:28 AM

#176 ([permalink](#))

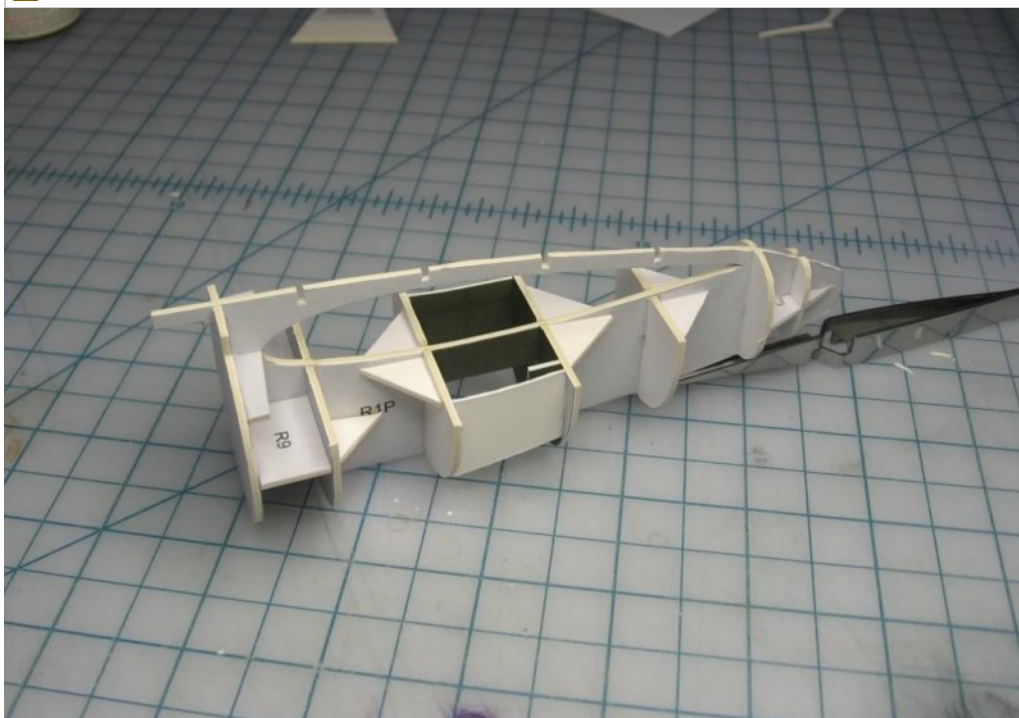


Bomarc
Member

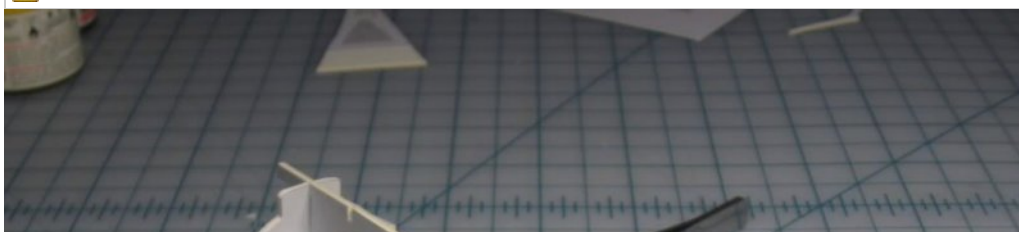
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

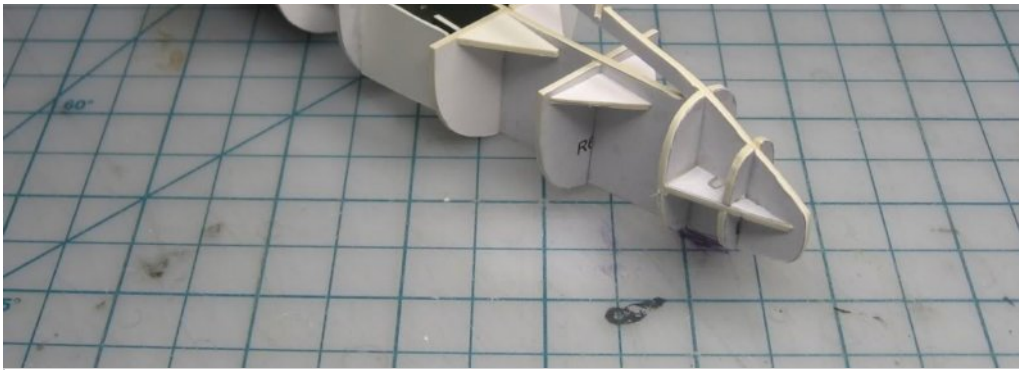
Started chopping away at the nacelle formers. Slow going but the crescent board is nice to cut, and I was able to get the frame work done for the right-hand nacelle tonight. Damn thing's built tougher than an actual Mitchell:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x715.

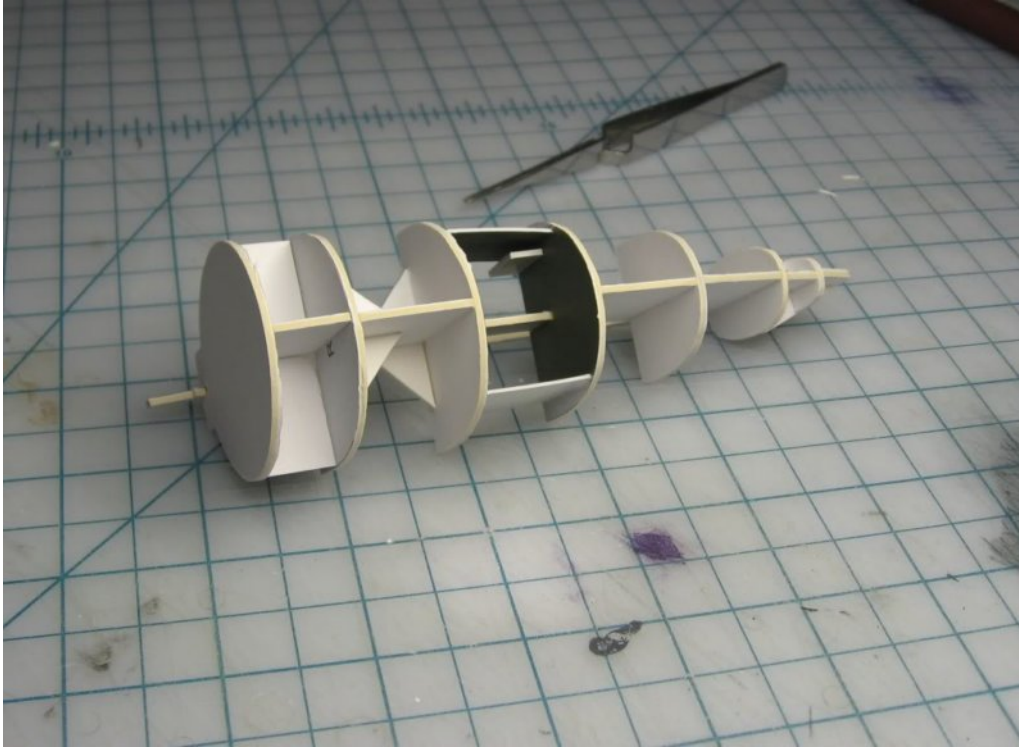


This image has been resized. Click this bar to view the full image. The original image is sized 1024x743.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x745.



A few glitches had to get sorted out, such as a couple parts are labeled wrong, and issues of right and left, which I'll detail later. Also, I added the triangular gussets, which was sort of a necessity if the whole thing was to be rigid. Once it all dries, I'll trim here, shim there to get it ready for the "skins".


Should be able to get the left side formers together tomorrow.

Mike

"Please to continue....."


Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



 09-10-2009, 01:59 PM




spencermitchellmusic 
Member

#177 ([permalink](#)) 

Join Date: Jan 2009
Location: Indianapolis, Indiana
Posts: 79

Hey Mike, looking great. I have a question...What is Crescent board? Is it rigid or somewhat foamy inside? Also, I think I speak for a lot of people when I say thanks for posting the propeller jig in the downloads section. I am sure it will be well recieved. Keep up the great work.



 09-10-2009, 02:59 PM



Bomarc 
Member

#178 ([permalink](#)) 

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [spencermitchellmusic](#)
.... I have a question...What is Crescent board?

Crescent is a brand name of mat board, the type of which framers use when matting a photograph or picture to be framed. It comes in many, many colors and textures:

[Crescent Papermat Mat Board](#)

There's a Pearl store in my area, and they have the whole selection on hand in a self serve fashion, but any place that does framing should have a selection (Michael's, A.C. Moore?). I'm using the basic plain white mat board, 4 ply (1/16") thick. Years (years) ago I started using this type of board almost exclusively in my model making when I went to architecture school. I found it cut easier than the brownish chip board that most folks were using, plus your knife blade lasts longer (chip board has stuff in that makes it almost like concrete). I stay away from using cereal boxes or the flap that comes in a new dress shirt for card modeling. For a little over six bucks, you can get a sheet large enough for several small or a couple of big card kits.

HTH

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-10-2009 at 03:01 PM. Reason: Like I'd tell you....humph!



09-10-2009, 03:26 PM



Wyvern
Member

#179 ([permalink](#))

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Good info, Mike; thanks.

Wyvern



09-10-2009, 05:08 PM

kenlwest
Member

#180 ([permalink](#))

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

I have to admit, the crescent board makes for a really CLEAN build.

Nice job!

Ken



[Post Reply](#)

Tags [Edit Tags](#)
None

Quick Reply

Message:

Options

Quote message in reply? Show your signature

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
367 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 19 of 77 [« First](#) < [9](#) [17](#) [18](#) **19** [20](#) [21](#) [29](#) [69](#) > [Last »](#) ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-10-2009, 05:35 PM

#181 ([permalink](#)) 

[flying rasta](#) 
Member

Join Date: Aug 2009
Posts: 105

Thanks Wyvern,

Due to previous research for business...i have quite a few (ok..ok i admit...a Ton load of MAREK models)...but i just cant resist new ones....Bomark, come on...i need more pics...not good every 15 mins..i am checking in..following this astonishing work of art. really beautiful.

Finally got my cutting mat today going to try out that A6M5 zero 1:50 MM.

Going to check Chris' ECardmodels site. By the way.. that building cube used to present models....where is that link?...i am trying to get it.

to buy...or not to buy....damn you MAREK.....damn you!!.....ummm...can you make one more 1:50??

[Quote](#)  

09-10-2009, 06:12 PM

#182 ([permalink](#)) 

[Wyvern](#) 
Member

Join Date: Jul 2009
Location : North Florida , USA
Posts: 949

there's a freebie (in both metric and US) on eCardmodels... designed by Fitter.

[Quote](#)  

09-10-2009, 06:52 PM

#183 ([permalink](#)) 

[rickstef](#) 
Administrator

Join Date: Jun 2007
Location : Wilmington Delaware
Posts: 1,903



Our download section has a nice one too

"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo

[Quote](#)  

09-10-2009, 06:59 PM

#184 ([permalink](#)) 

[birder](#) 
Member

Join Date: Jul 2007
Location : Liberty lake, wa
Posts: 1,923

I like that crescent illustration board, I've been using it for artwork for years, (25 or so) but the thicker variety so doesn't warp much with paints. Your build Bomarc looks super still, this will be an impressive model, as the components already are.

Glen

[Quote](#)  

09-10-2009, 09:25 PM

#185 (permalink) 



flying rasta
Member

Join Date: Aug 2009
Posts: 105

thanks Got it.....awsome! thanks rickstefand Wyvern

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??




09-10-2009, 09:59 PM

#186 (permalink) 

dovbear
Member

Join Date: Jul 2007
Posts: 18

Quote:

Originally Posted by **peter taft** 

*Well, as with all the guys watching this beauty come together in front of our own eyes... sometimes being rubbed to look again to make sure you actually did see that.... I'm in for the long haul and whatever time it takes, this will and is one of my favourite build threads for ages.... So, hey like **our Redhorse** says "**Don't rush it**" - we're enjoying this a whole lot 😊*

THE MITCHELL - BY BOMARC - A LEGENDARY AIRCRAFT IN CAPABLE HANDS 😊

You guys - all of you - are doing an inspiring job of - if nothing else - publishing - that is - making public an incredible array of advanced techniques - GO FOR IT!



09-10-2009, 10:00 PM

#187 (permalink) 



Wyvern
Member


Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

By the way, Rasta mon, Chris posted some more Marek 1:50 models today!

Wyvern




09-10-2009, 10:05 PM

#188 (permalink) 

dovbear
Member

Join Date: Jul 2007
Posts: 18

Quote:

Originally Posted by **Don Boose** 

I hate to take up space in this thread with this crude engine, but since you gave me a direct order, Mike, here is the Wright J-5A that goes into the Peter Zorn Dover Spirit of Saint Louis. It is a test build of a scan of the model parts. I will post a thread tomorrow.

It is a crudely-built model of a very simplified version of the Wright designed for beginning paper modelers. It certainly provides a contrast!

Now, I am looking forward to the resumption of broadcasting as you build the second museum-quality PBJ Wright

Don

Don, this looks incredible. I've run out of words.....




09-10-2009, 10:17 PM

#189 (permalink) 


dovbear
Member

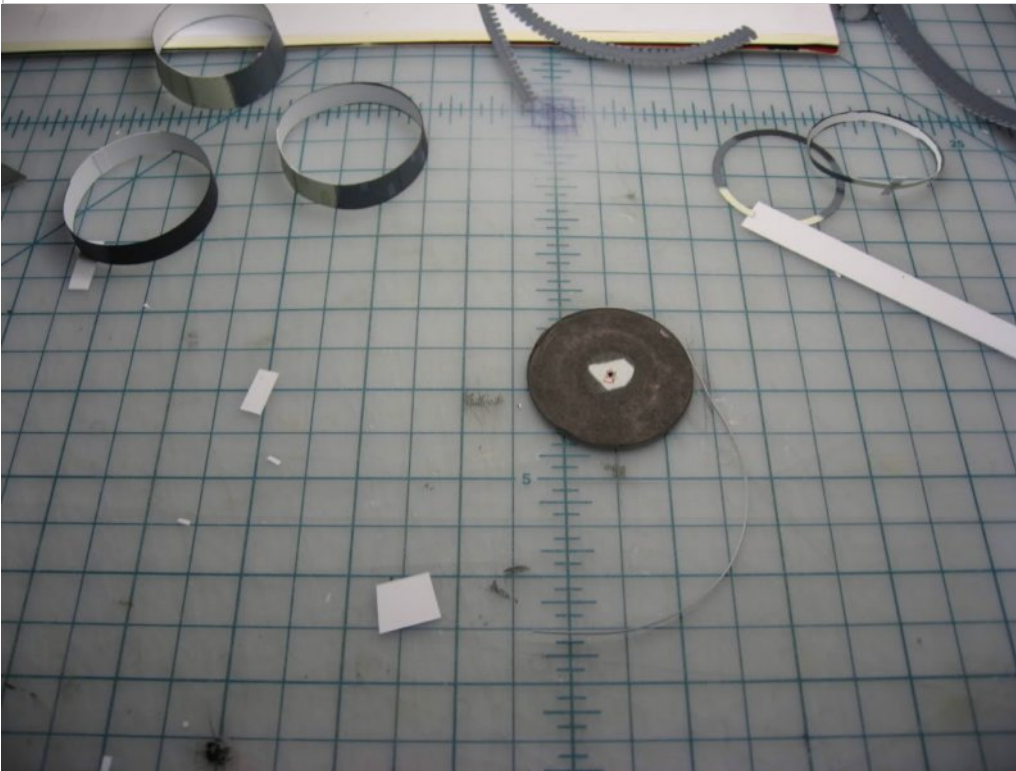
Join Date: Jul 2007
Posts: 18

Quote:

Originally Posted by **Bomarc** 

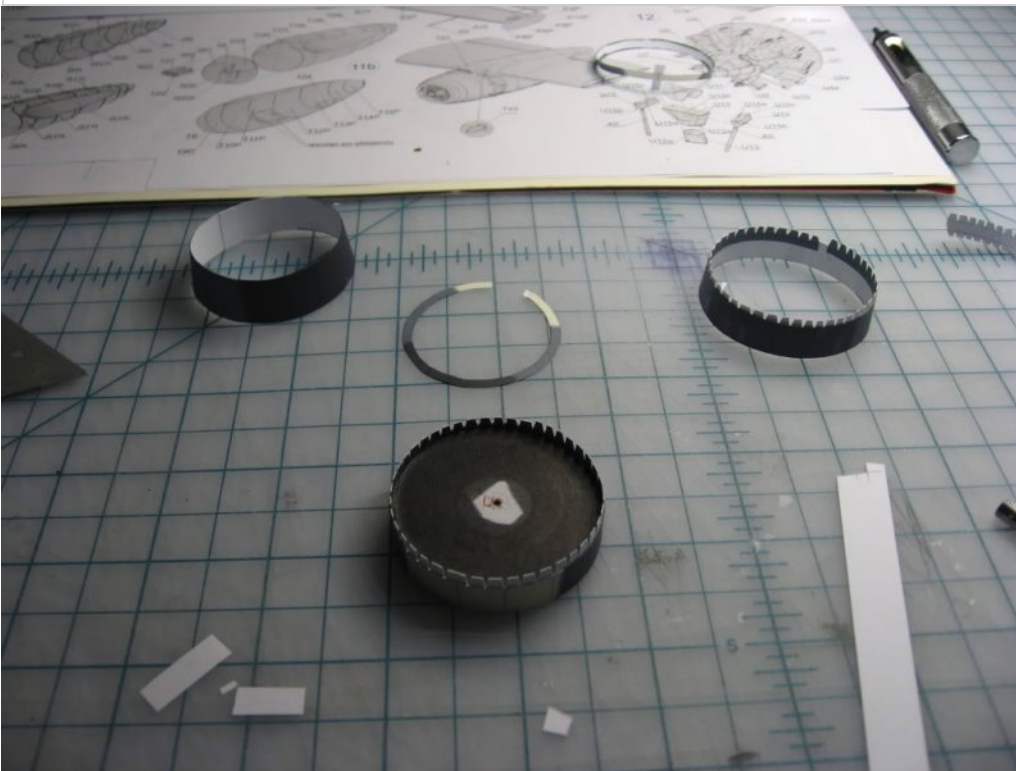
I put the most of one cowing together. I really should have used the Boose Method and built a test copy to evaluate what was involved, but this a blow by blow build, warts and all, so it's all good. After cutting out the parts and making the round bulkhead using the dremel tool trick, I started assembly. Already ran into a problem. If you cut the round bulkheads (R-24 and R-24a) exactly to size, they'll be a tad too small. I glued a strip of the card the parts came from to increase its diameter. The second piece I'll just cut a little bigger. I used a magic marker to blacken the edges:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




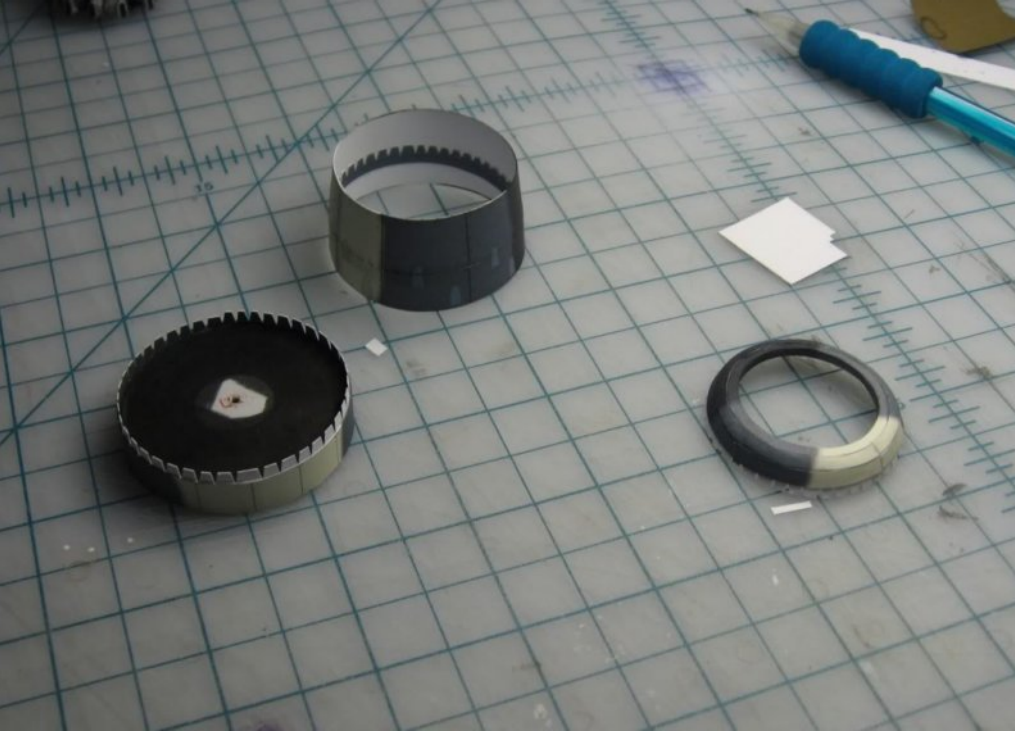
Fits snug now:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

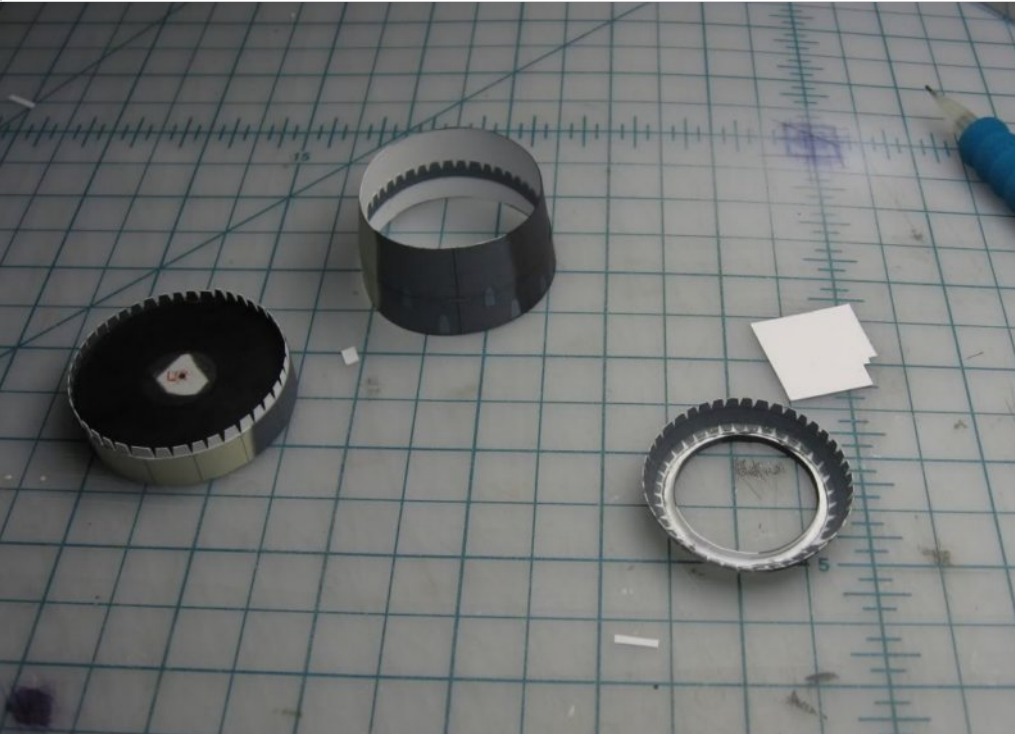


Had to really work the front rings of this cowling. The leathercrafter modeling tool I showed before really came in handy to shape the parts, which fought me tooth and nail the whole way, but I think I beat them into submission. Here's where am at, front and back:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.




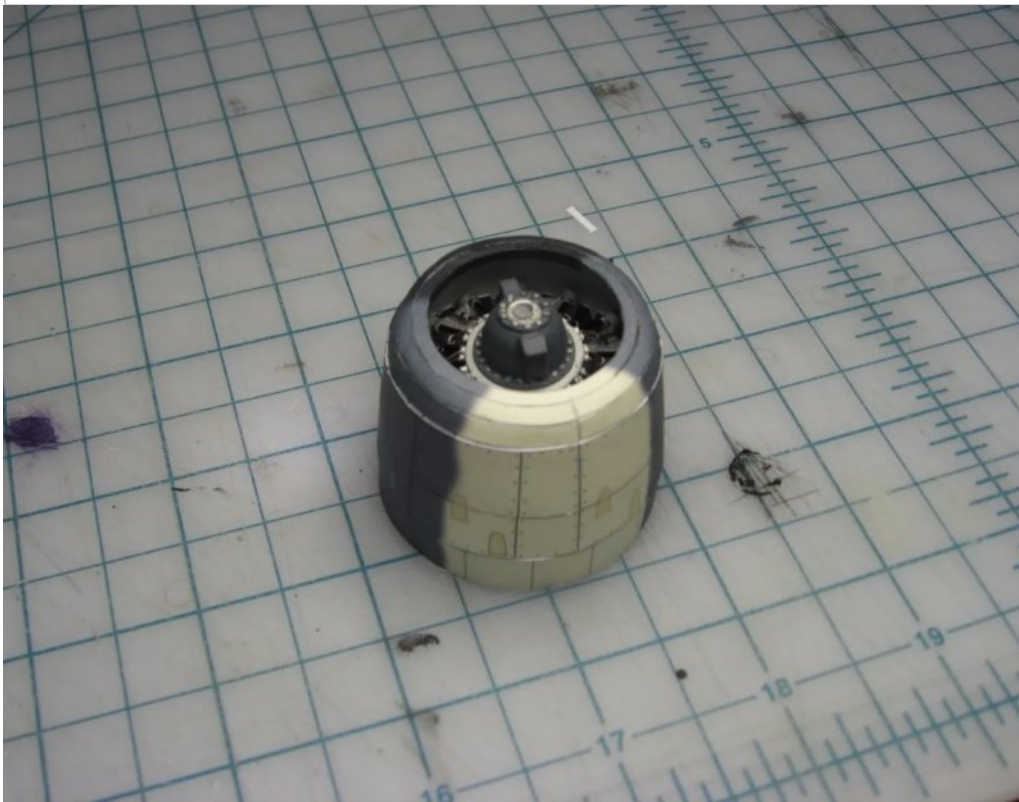
Thankfully, the engine fits. I'll have to check some B-25 ref's to see how much the engine protrudes past the lip of the cowling, I may have to shim from behind:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x785.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x797.



I had enough for tonight. Maybe tomorrow, I'll glue the front and center pieces together and paint the insides gray, mount the engine and button it up.

Good news is I only have to do this once! Wait a minute.....oh damn! Oh well, more to come.....

Mike

I'm surprised Orlik didn't print this two-sided, or print a backup page!



09-11-2009, 02:49 AM



Bomarc
Member

#190 ([permalink](#)) 

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Man, for a moment there, I was having a flashback. All these reposting of older posts had me wondering if I really *did* finish those cowlings....*the horror...the horror...*

Anyway, I wanted to add some more about this mat board I like using. Tonight, just for reference, I put a caliper to the plain mat and it comes out at **0.055 inch thick** (1.397mm), so not too much thicker than the 1mm the Eastern European model companies tend to recommend. With the parts sheet glued on, thickness only increases to **0.060"**, so we're not even at 1/16th of inch yet. Just some numbers to keep in mind if you decide to try this stuff. You'll have to compensate that difference in your slot cutting and the like, when it's former cutting time.


Cutting this stuff is pretty easy, and I'd like to show you a trick I use to cut circular shapes. I'll use one of the upper nacelle formers, which is pretty small (those tiny pieces are always the hardest, right?):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x760.






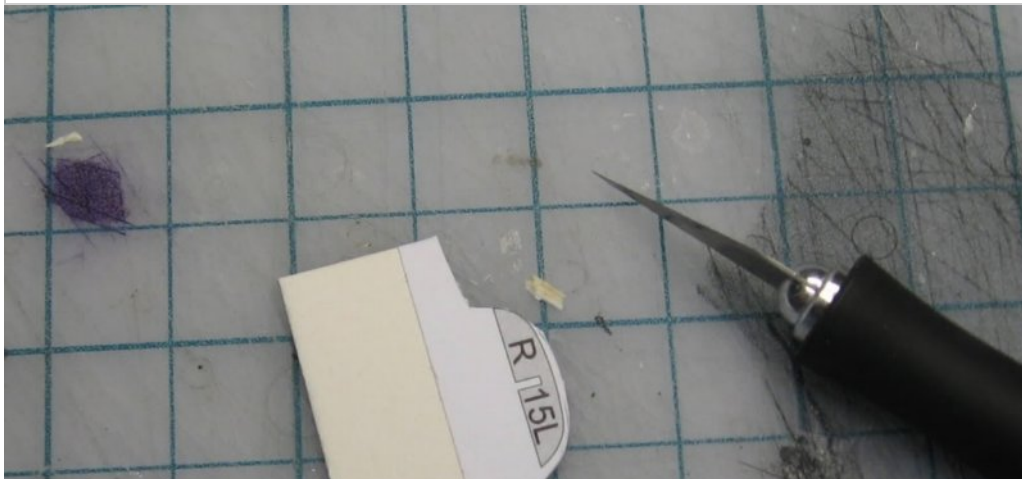
First, I make a rough cut around the edge, keeping about a 32nd of an inch (plus or minus) excess from the line. It's always good to leave as much as you can on the bottom of the part to make it easier to hold on to:

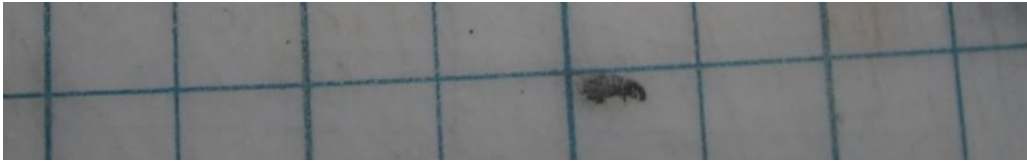
 This image has been resized. Click this bar to view the full image. The original image is sized 1022x802.



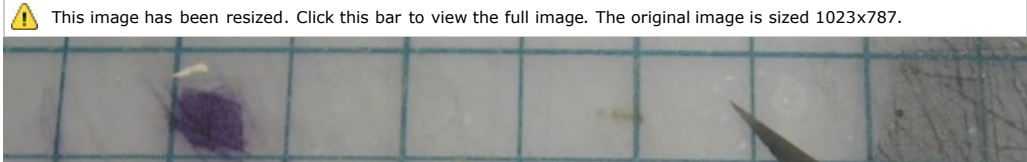
Then I dig the knife blade a little into the cutting mat, and start shaving off the excess to the line a little at a time:

 This image has been resized. Click this bar to view the full image. The original image is sized 1021x786.






Short, curvy, strokes, not trying to remove too much with each cut. Just work your way around the part:






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744.

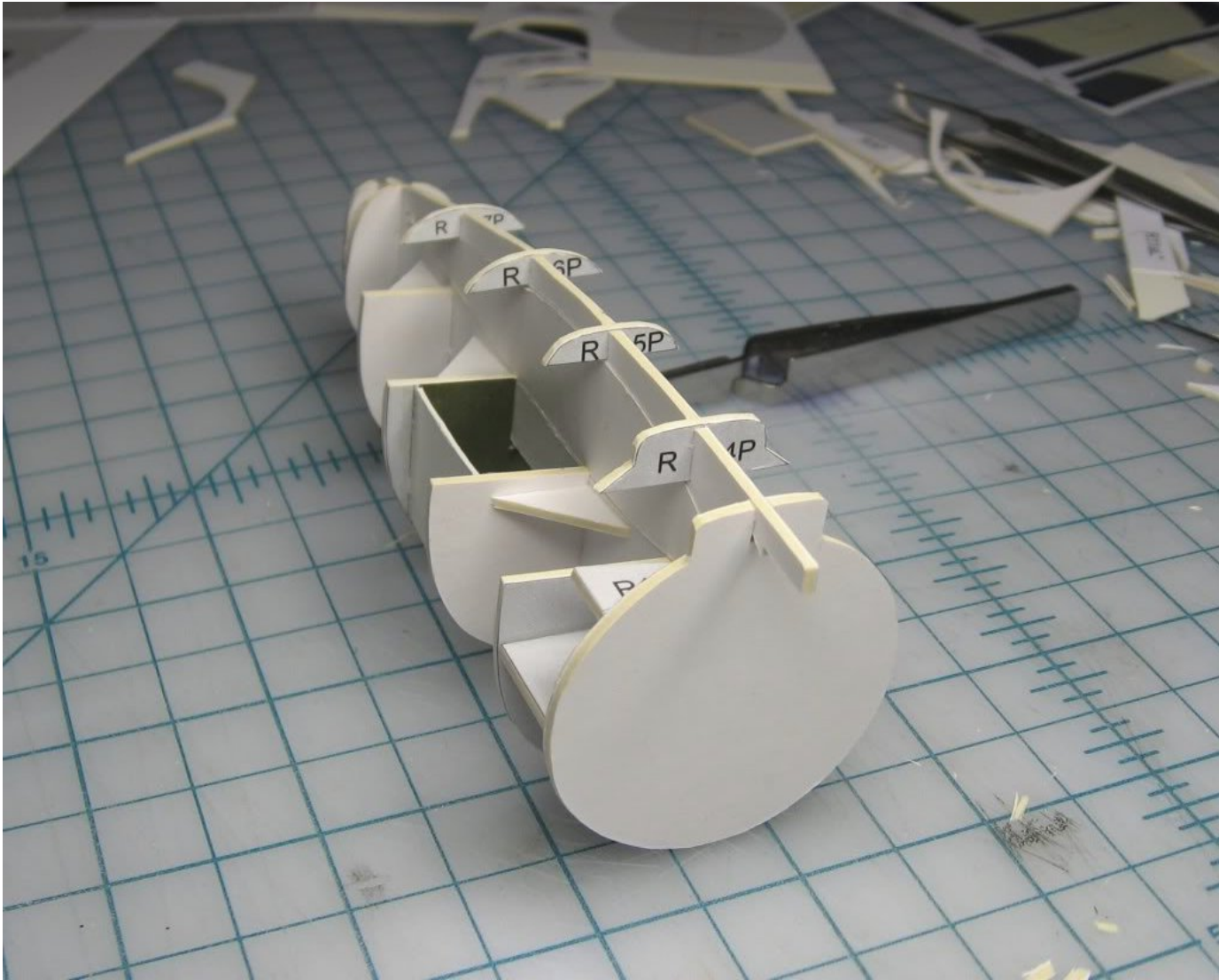


And you're done! The edge of this part won't even need sanding, it's already continuous and smooth:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x760.



Also the edge is square, and that's due to keeping the bade on the cutting mat, not the part. Obviously, a fresh blade is better than a used one for this, but this type of mat is pretty forgiving, and makes this method easy to reproduce:



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
368 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 20 of 77 << First < 10 18 19 **20** 21 22 30 70 > Last >> ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-11-2009, 11:02 AM

#191 ([permalink](#)) **kenlwest** 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

That's the same method I use to cut thick formers. I discovered it after being tired of replacing blades every 10 minutes.

Ken



09-11-2009, 12:55 PM

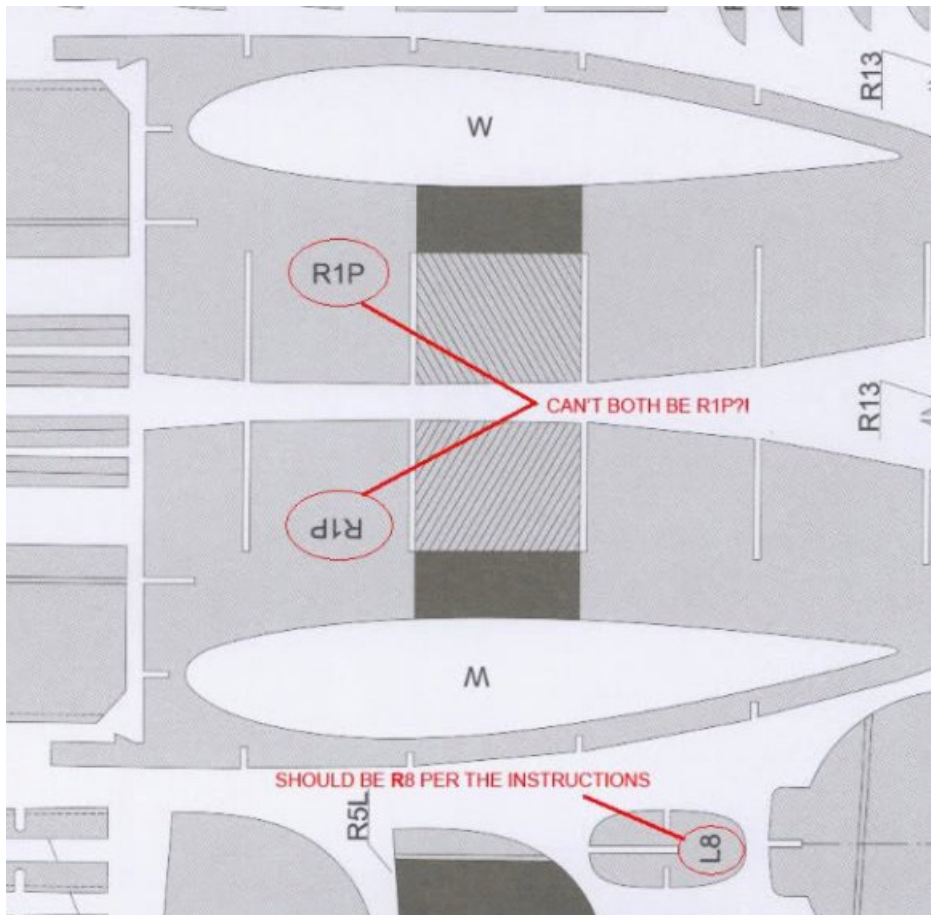
#192 ([permalink](#)) **Bomarc** 

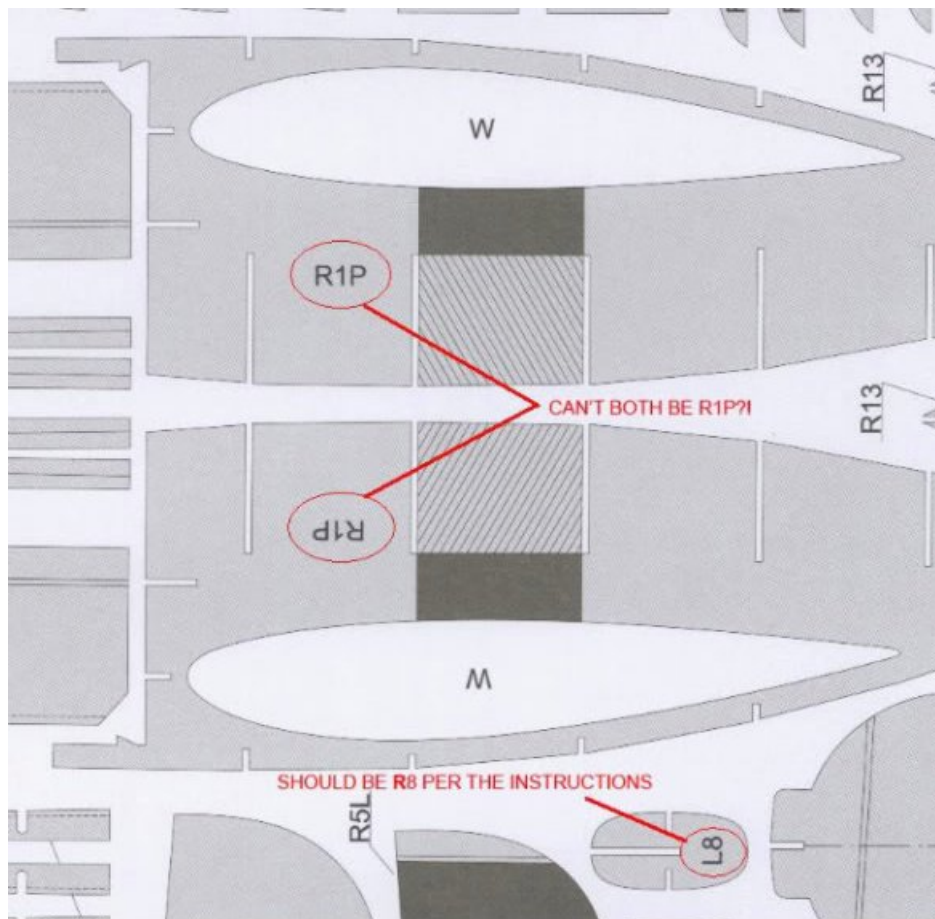
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

It's a good technique Ken, so I'm not surprised if my post above is old news (what's that phrase Gil used? "*Like minds roll in the same gutter*".....). Hopefully it's new to somebody.

I mentioned previously that there were some parts confusion when I started the nacelle construction. Just to be sure, I did a Google translate for the words "right" and "left" and got "prawo" and "lewo" respectively (our Polish friends out there reading this, please confirm). So, it would make sense that all the parts for the right-hand nacelle would have a "P" after its parts, and the left-hand nacelle's parts an "L". Well, Orlik pretty much followed this convention until you come to the main "core" pieces of the nacelles:





Like I've captioned in the image, they can't both be right-handed, unless NAA came out with a four engine Mitchell and didn't tell anybody. The instruction diagrams offered no help. The question came down to this: Does the printed green area on the part (that which will be visible in the wheel well) face inboard or outboard when installed? As it turns out, it really doesn't matter, as you'll have to paint the other side anyway. Here's the before and after:

I was able to come up with a fair match mixing Tamiya acrylics using a variation of the color wheel trick (thanks Denny!). The other misfire was that Orlik had grouped all the nacelle parts together, their numbers beginning with an "R". Well, as noted in the first image above, one part became an "L", even though the instruction diagram got it right (for a change). An easy catch, as it's pretty obvious what the part is, but it's those little goofs that have me wondering what's in store down the road. What's that sign say up ahead? DANGER, Curves Ahead....

Mike
"It's not the destination, it's the journey"

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



09-11-2009, 02:17 PM

#193 (permalink)



B-Manic
 Nautica Moderator

Join Date: Jul 2007
 Location: I am right here
 Posts: 2,256

Why would they be labeled

Rest
 1n
 Peace

The proceeds from sales at www.hobbyfactory.com support this forum!!



09-11-2009, 03:17 PM

#194 (permalink)



Ron0909
Member

Join Date: Aug 2008
Location : Ottawa, Ontario, Canada
Posts: 321

Quote:

It's a good technique Ken, so I'm not surprised if my post above is old news (what's that phrase Gil used? "Like minds roll in the same gutter".....). Hopefully it's new to somebody.

W.E.B Griffin had a conversation in 'The Corps' series of books that was between one of the main protagonists and Gen. Douglas MacArthur. He said

Quote:

" the measure of a man's intelligence is not how smart they are but how much they agree with your way of thinking"

something along those lines anyways :) That method is pretty neat. I wish I had tried it out with my build and it's double formers. Trying to build a model as best as one can makes it hard to stray from old habits! Mike, again I have to thank you for sharing this build with us. It's nice to watch a master at work! How do you *not* just dive right into the fuselage? :) Talk about control!

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-11-2009, 03:55 PM

#195 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Ron0909**
....How do you *not* just dive right into the fuselage? 😊 Talk about control!

Ron

I dunno, saving the best for last?

Actually, since I started out of sequence anyway with the engines, it seemed like a natural progression to "spawn" the plane from the firewalls back: nacelles, wings, maybe fuselage next, then empanage. I look at each assembly as a separate, complete kit. Probably not the most holistic approach, but it keeps me focused.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

Last edited by Bomarc; 09-11-2009 at 04:17 PM. Reason: Riddle me this, Batman.....NO



09-11-2009, 05:33 PM

#196 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 105

ahhhhh.....more pics...relief!

does anyone feels that this build is similar to warbird restoration?...learning about the aircraft history, the engine types, research on type, etc.

Have a great weekend all!

will be following PM from the blackberry. (To talk about an addiction! and the immense lessons learned!)

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

09-12-2009, 05:08 AM

#197 (permalink) 



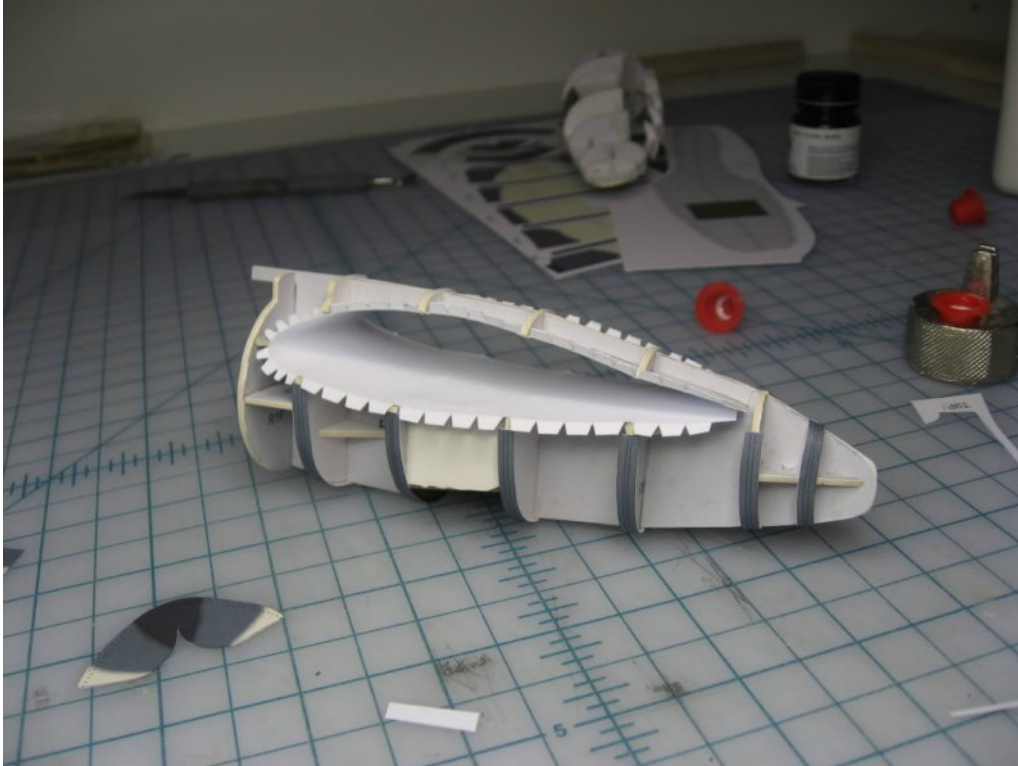
Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

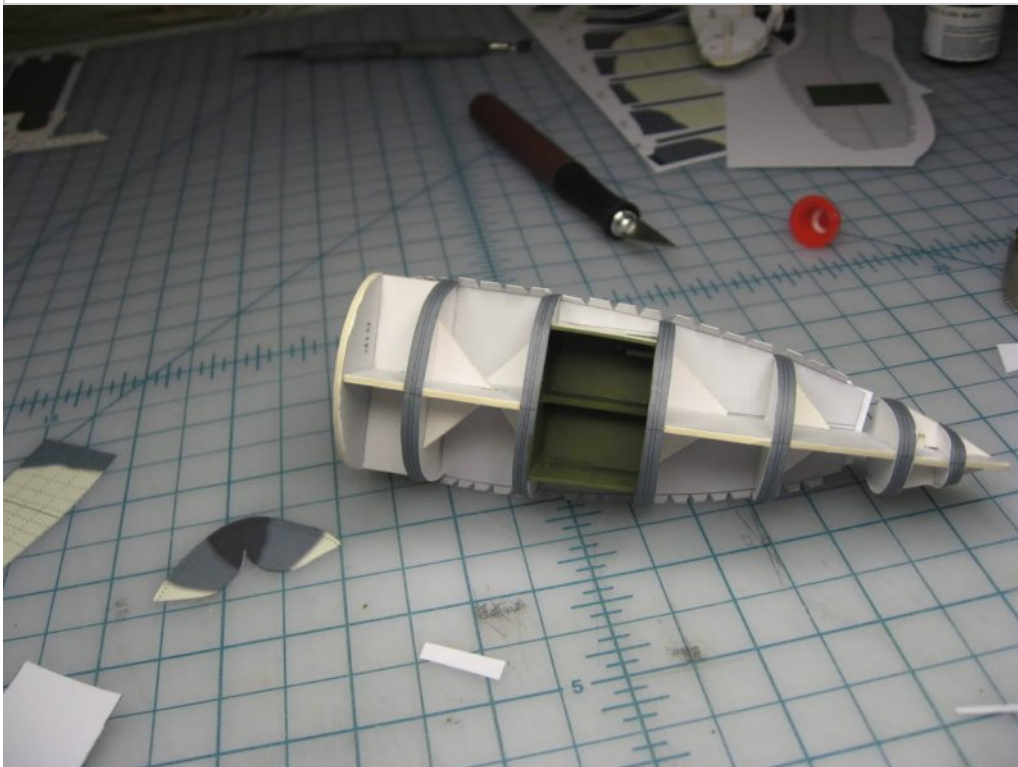
Here 'ya go 'Rasta'...wouldn't want you to go into withdrawal...

Started skinning the right nacelle tonight. Orlik has an interesting assembly sequence. The wing cut-out is lined with a continuous piece that becomes the roof of the wheel well. All the skins attached to this. Hope it fits over the wing:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

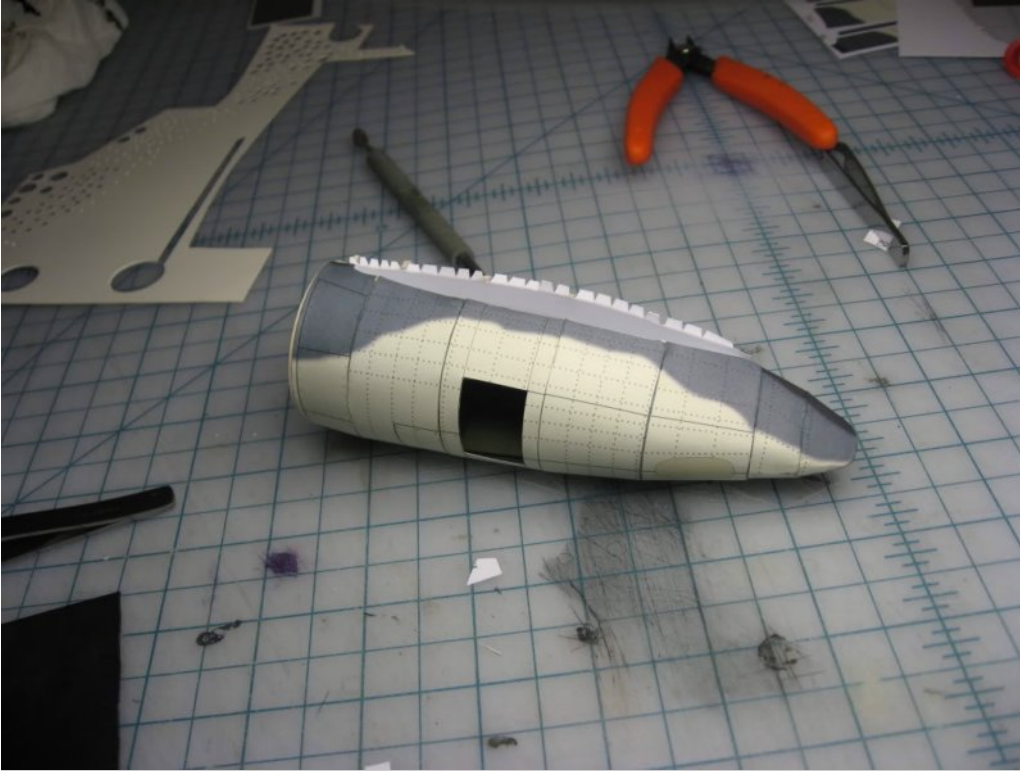


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

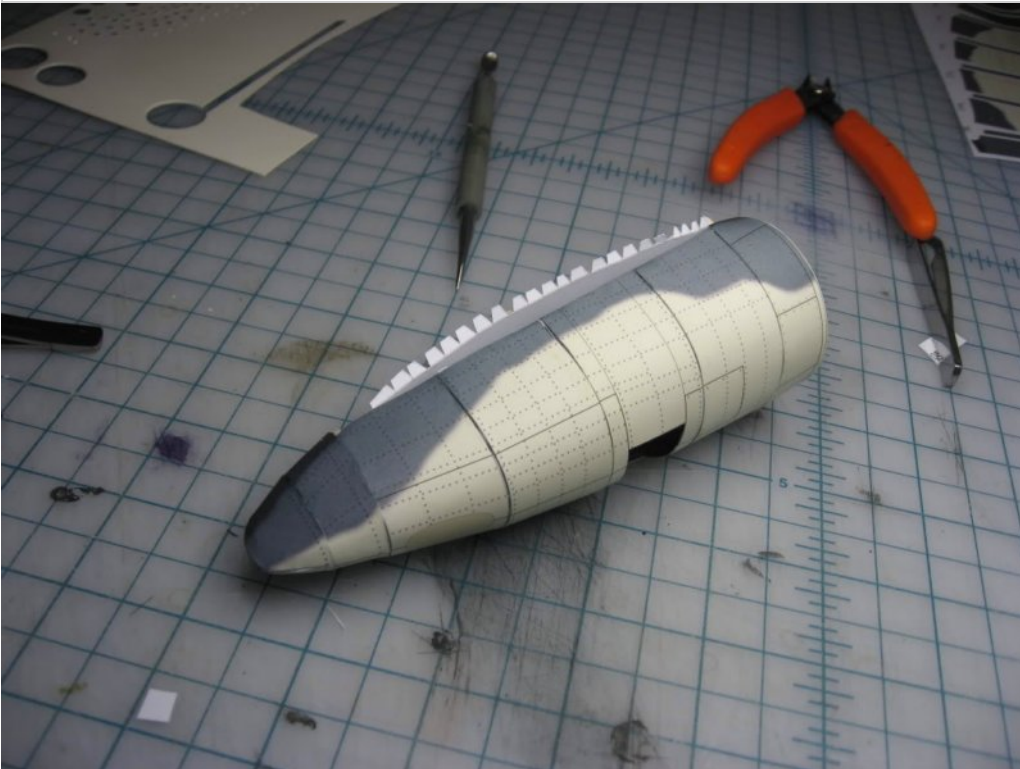



I started attaching the pieces one by one to the framework. Didn't come out *too* terribly bad:

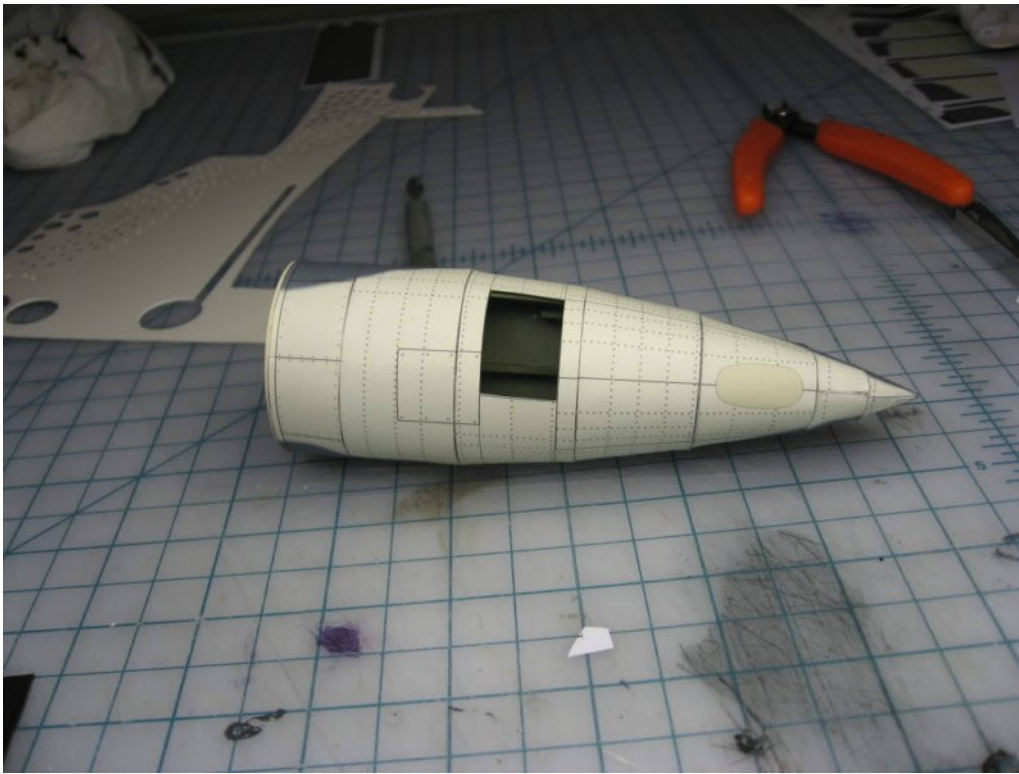
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



It does have me wondering if I didn't commit a tactical error by using that method. I'm thinking now maybe I should have connected all the skins together first and created a shell of sorts, then attach to the framework assembly, although my gut tells me that might be a warping mess when I try to attached it. I'm going to try it for the top portion to see if I can get a smother fit. It's not at large as the bottom portion, so might be easier to attach the pieces together. But not tonight....

All comments welcomed.

"Waste? We don't have no stinkin' waste!"



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-12-2009 at 05:12 AM. Reason: Oh you never give up, do you?





Ron0909
Member

Join Date: Aug 2008
Location : Ottawa, Ontario, Canada
Posts: 321

Mike, the engine nacelle looks fantastic! In regard to attaching a bunch of skins together as a shell sort of thing...don't do it 😊 I just went through that very same thing literally an hour before I posted this (check out my Albatros thread). The stuff just doesn't go down as nice as it does piece by piece. The seams look amazing when you do them like that but, when you go to have that shell try to conform to some curves it messes right up.
Just my 2 cents (Canadian money too)
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-12-2009, 01:03 PM

#199 (permalink)



GreMir
Member

Join Date: Jul 2007
Location : Sunshine State
Posts: 1,198

Mike,
I think you forgot to separate landing gear doors and cut out an opening for the wheel...
I don't have this kit and I know that sometimes designers want us to do stuff like that after assembly, but I'm just no good at that and always do this beforehand.

Michael Krol
www.gremirmodels.com



09-12-2009, 02:13 PM

#200 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Ron0909**
....In regard to attaching a bunch of skins together as a shell sort of thing...don't do it 😊 I just went through that very same thing literally an hour before I posted this (check out my Albatros thread). The stuff just doesn't go down as nice as it does piece by piece.....
Ron

Thanks Ron, that's exactly the kind of input I was looking for! As I said, my gut was *trying* to tell me what you've confirmed (Bartender! Another round of beers for Ron and my gut!). Ain't this a great forum?! 😊

Quote:


Originally Posted by **GreMir**
Mike,
I think you forgot to separate landing gear doors and cut out an opening for the wheel...
I don't have this kit and I know that sometimes designers want us to do stuff like that after assembly, but I'm just no good at that and always do this beforehand.

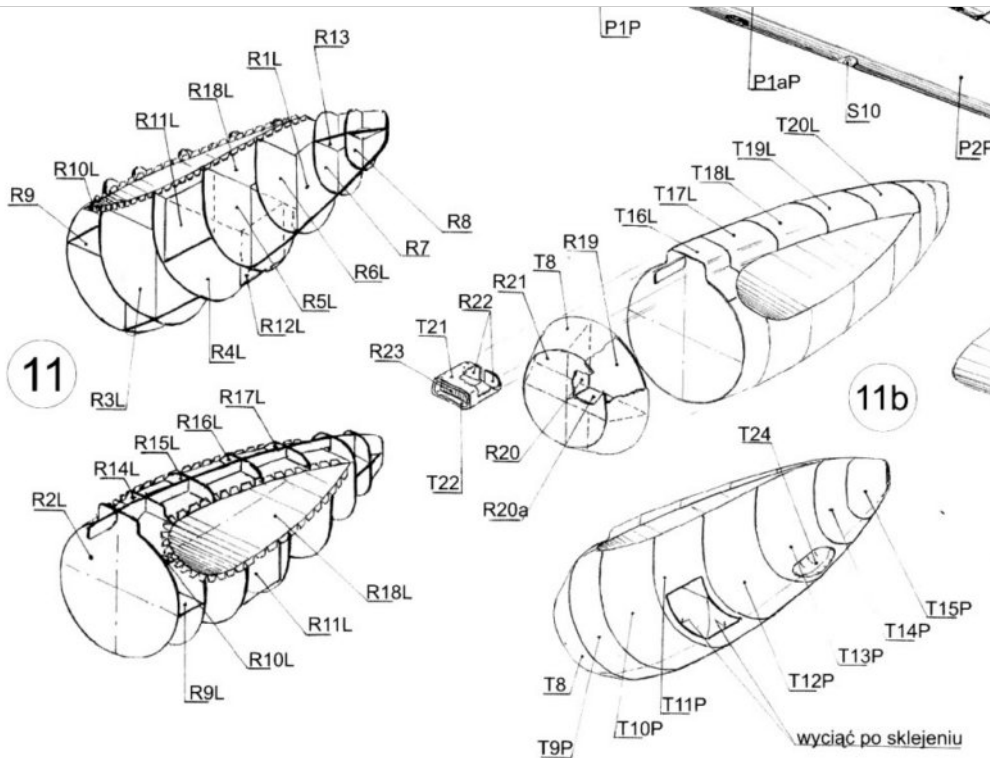
Hi Michael! The clam shell doors on Mitchells actually only open during the retraction and extension of the landing gear cycle, and remain closed for the rest of the time. Here's the beautifully restored "Barbie III" taken by Scott Murphy:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




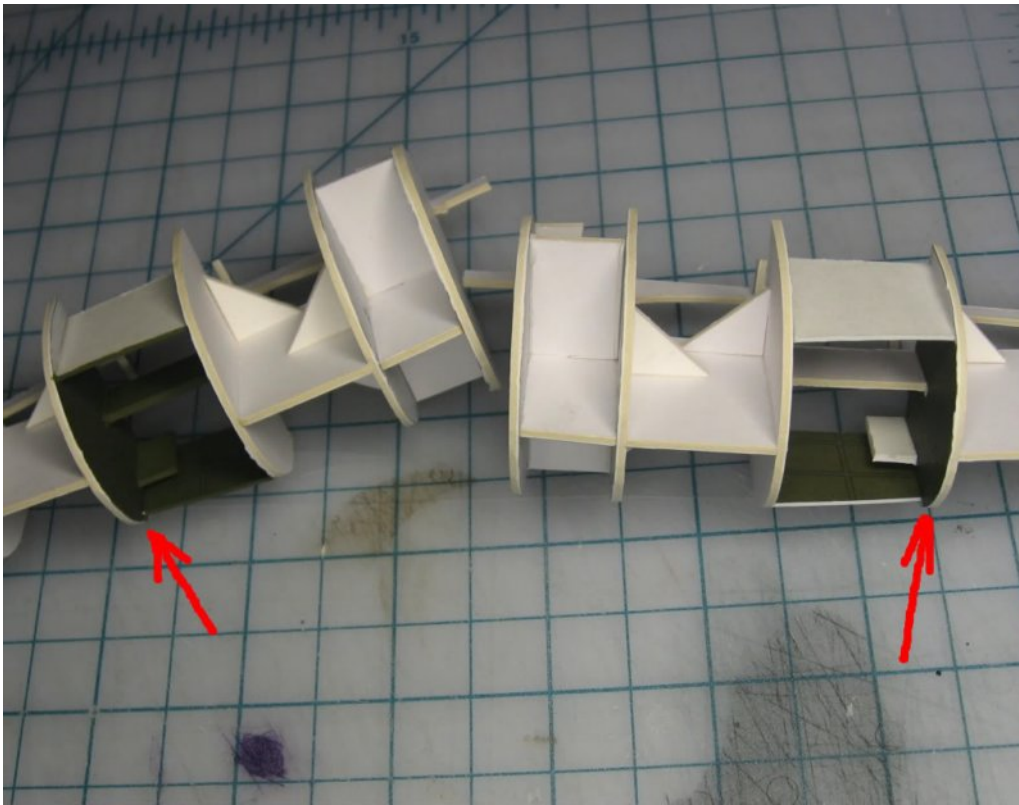
This image can be found [here](#), his site (recommended!) is [here](#). As you can see, those doors are shut tight. Orlik knows this, base on how they designed the nacelles. Here's the assembly sketches:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x780.



But they *did* fudge it a little bit. That bulkhead to the rear of the square wheel well you can see (red arrows) doesn't really exist:

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x799.



That whole area would be an empty cavity when the plane sits on the ground and the landing gear isn't there to occupy the space. Since I wanted to finish this model sometime in my lifetime, I couldn't see chopping all that out, and Orlik provides squat in the way of parts, so everything would have to be made from scratch. I did consider painting that bulkhead flat black to simulate the void beyond, but it's so dark in there now, it doesn't matter much.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



 Post Reply

Page 20 of 77 << First < 10 18 19 **20** 21 22 30 70 > Last >> ▾

Tags [Edit Tags](#)

None

Quick Reply

Message :



Options

Quote message in reply?

Show your signature

<< [Previous Thread](#) | [Next Thread](#) >>

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
369 **Unread Posts** since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 21 of 77 << First < 11 19 20 **21** 22 23 31 71 > Last >> ▾ **View First Unread**[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-12-2009, 03:11 PM

#201 ([permalink](#)) **kenlwest** 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Just keeps gettin' better!

Ken

[Quote](#)  

09-12-2009, 03:50 PM

#202 ([permalink](#)) **GreMir** 

Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Thanks Mike.

This just proves how little I know about B-25 😊

Michael Krol

[www.gremirmodels.com](#)[Quote](#)  

09-12-2009, 04:55 PM

#203 ([permalink](#)) **Bomarc** 

Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

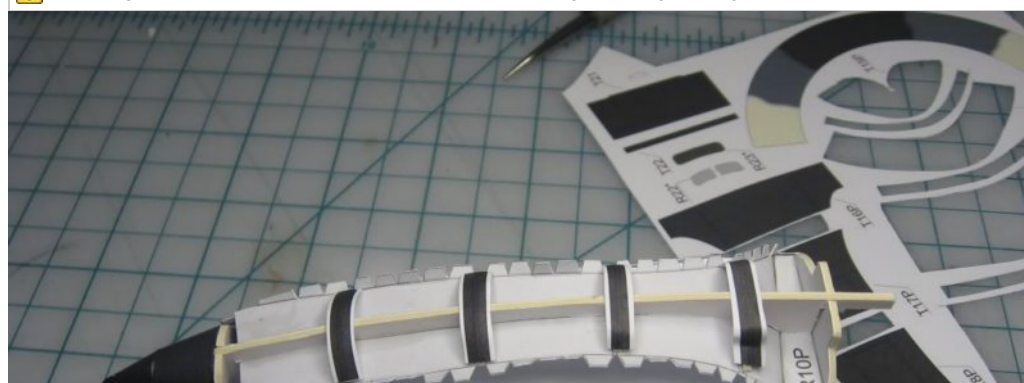
Quote:

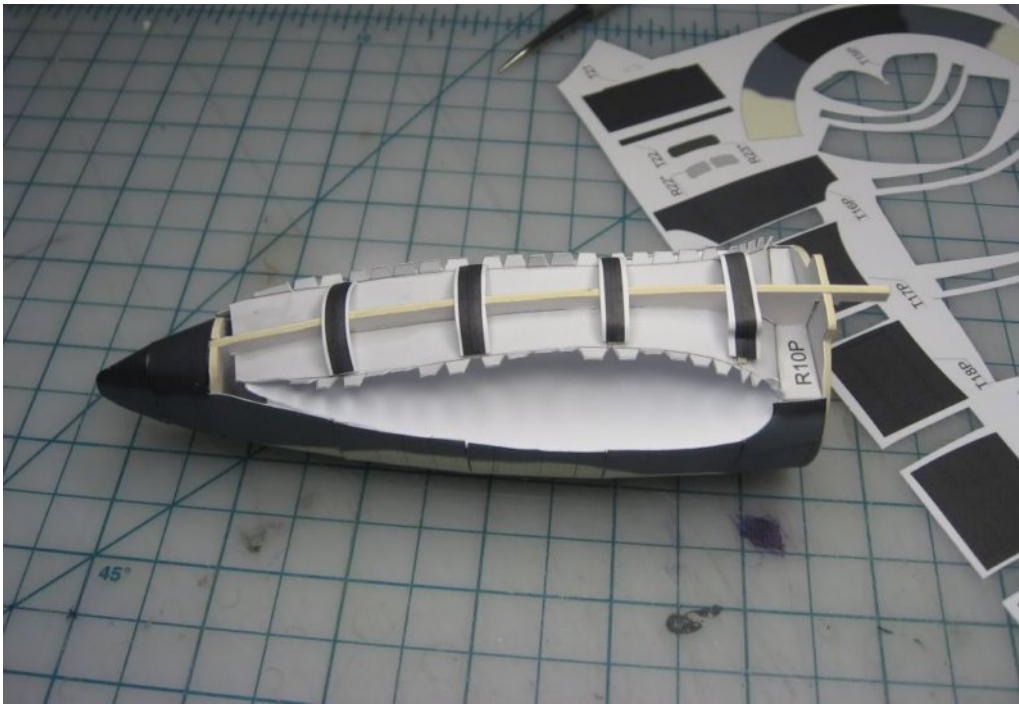
Originally Posted by **GreMir** *Thanks Mike.**This just proves how little I know about B-25 😊*

Me too Michael (I'm more of a P-51 guy). I'm learning about NAA's venerable bomber as I go (who's says paper modeling isn't educational?).

Just a quick update this morning. Having learned my lesson from the lower pieces, I cut the transition strips wider than printed for the upper half. The dimensional creep was such that I pretty much ran out of connecting surfaces as I progressed to the rear on the bottom, so hopefully I'll be able to "net the error" for the rest of this and the other nacelle build:

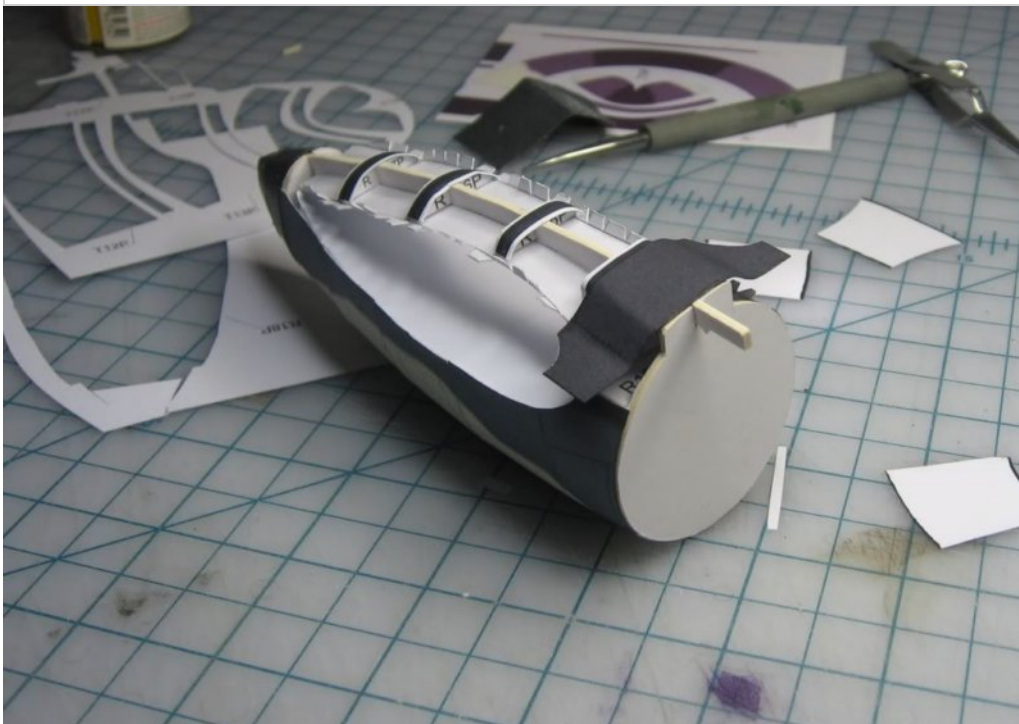
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699.





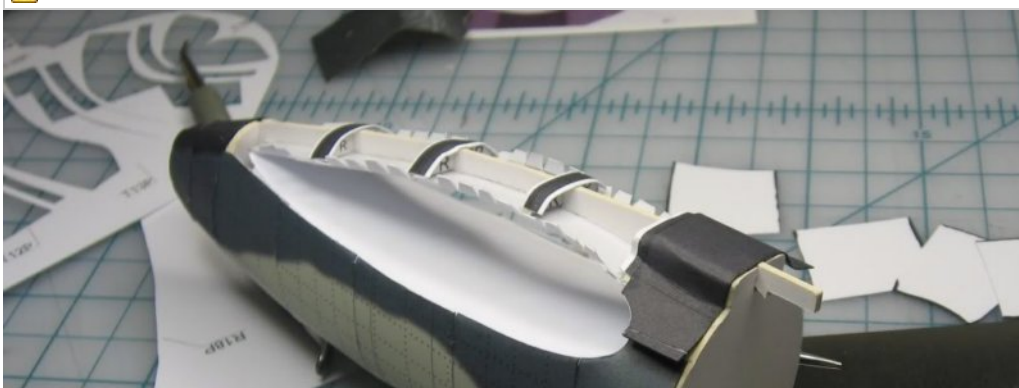
Orlik is asking an awful lot from part T16(L&P). Lots of curves to overcome. Here's the steps so far. Glue the center to the top former and *let this dry* (can't stress that one enough):

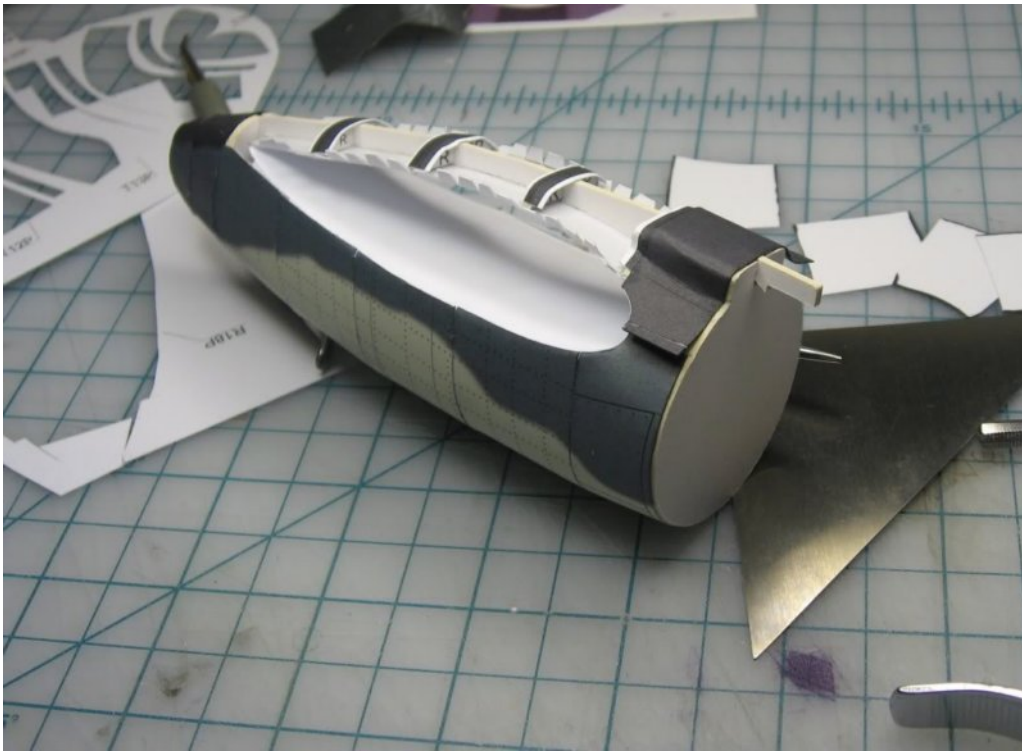
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x722.




Once dry, start working the front edge down over its former, glue in place, repeat for the rear edge. Thankfully, the part's a tad long on the bottom (would have been hell if it was too short, eh?). I marked how much needed to go:

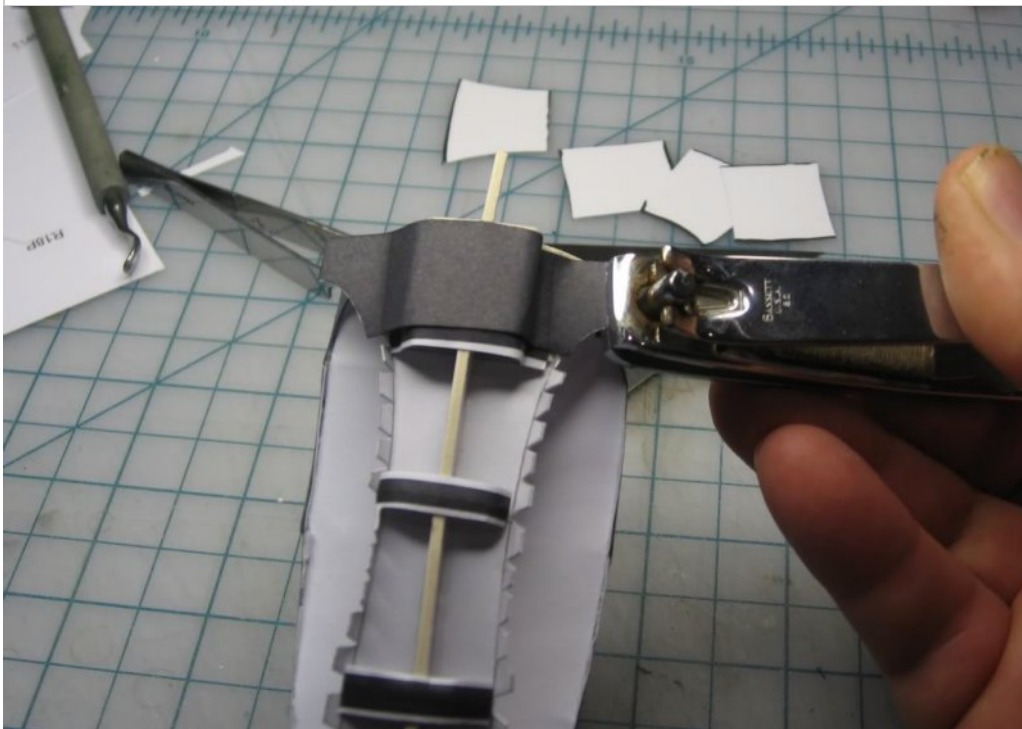
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x745.






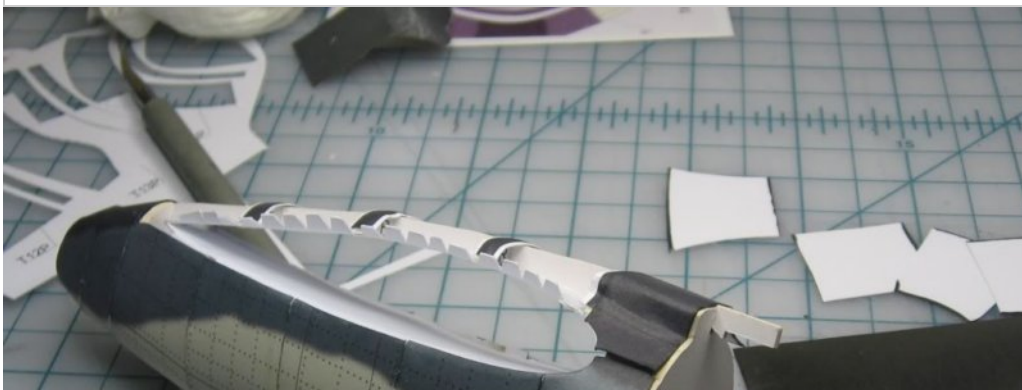
Using a toe-nail clipper (the kind that the cutters are straight across), clip the excess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x724.




Paint the new raw edge and glue down:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x783.





Viola!

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x734.



Repeat for the other side....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Great stuff! Your lucid explanations and excellent photos make the construction easy to understand as well as showcasing your excellent results. The skin joints on that nacelle are as close to perfect as one can get IMHO.

Ron S.



09-12-2009, 05:33 PM

#205 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 105

Sure you didn't work on the assembly line during WW2?

The panel lines are superb!

Oh yeah...**sheepishly** thanks for the fix.

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



09-12-2009, 06:40 PM

#206 (permalink)



jagolden01
Member

Join Date: Jan 2008
Posts: 503

Stunning work on all. This will/should be a build thread posted to the "Downloads" section upon completion.



09-12-2009, 08:18 PM

#207 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **OldTroll**
.....The skin joints on that nacelle are as close to perfect as one can get IMHO.

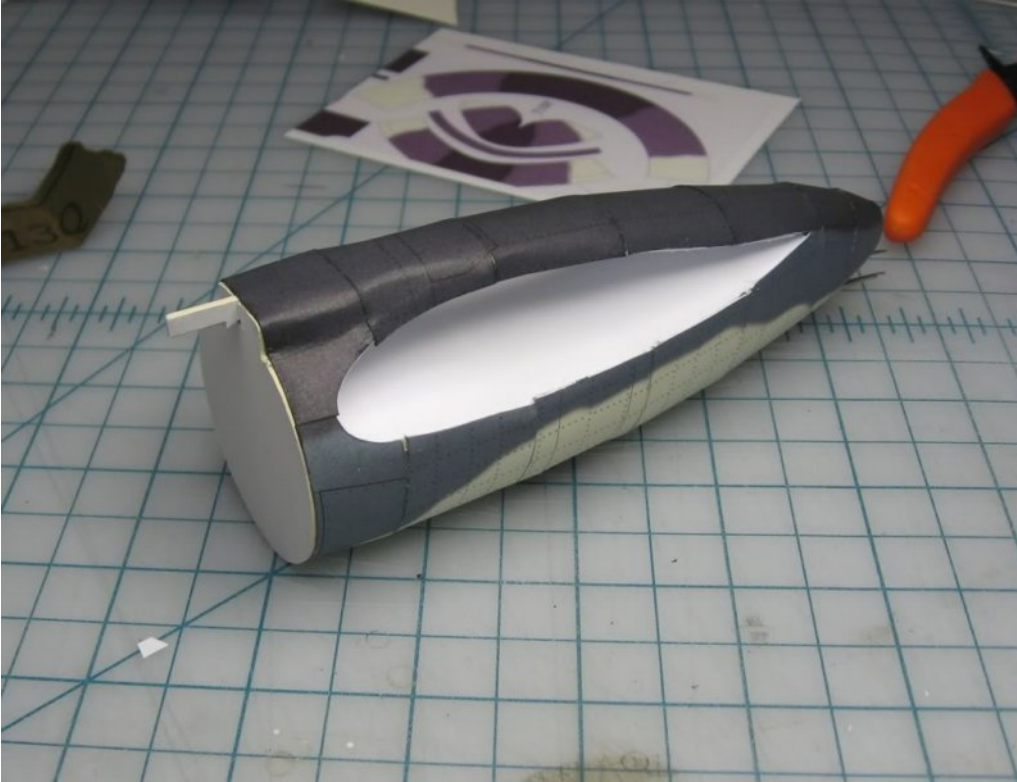
Thanks Ron, but you may want to hold off on that assessment if/when you see this stuff in person (whispers: *not that good* 😊)....

But I did finish the upper decking. As I mentioned before, Orlik made some of these parts jump through almost impossible hoops. Going from square to cylindrical in one piece, ai-yah! The expanded connector strips helped, and there was more creep in length, which required a trimming down of the second to last part, but it's all there:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x700.

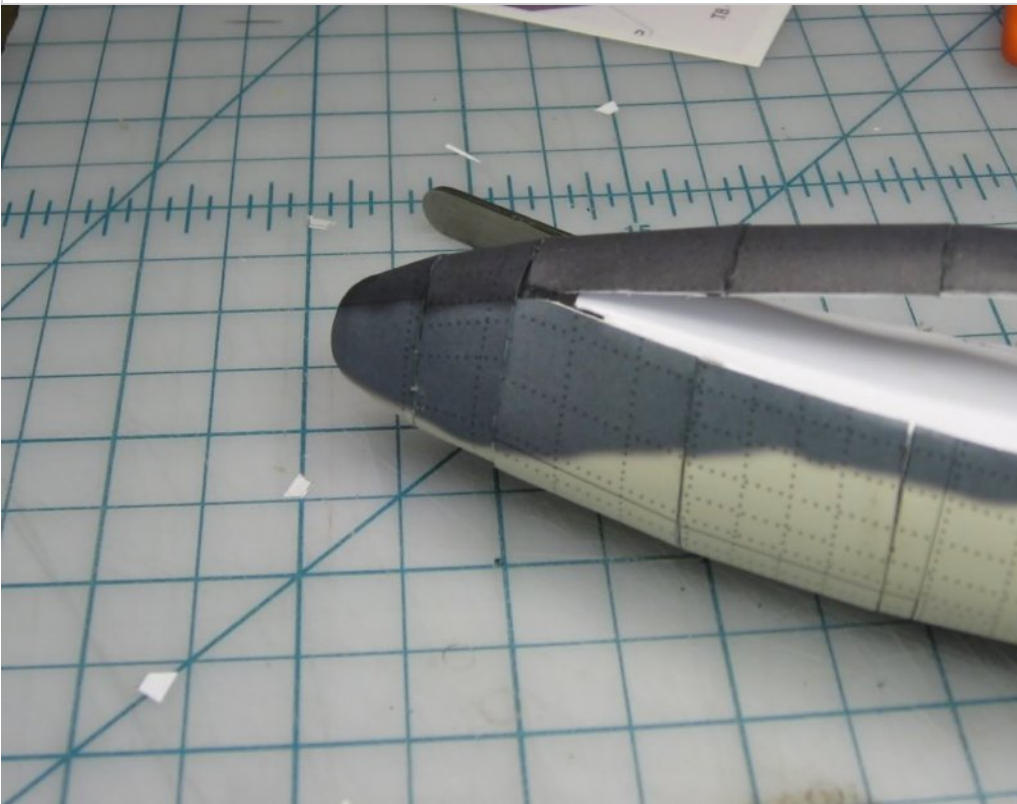


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x781.



The last piece didn't quite make it all the way around, doh!

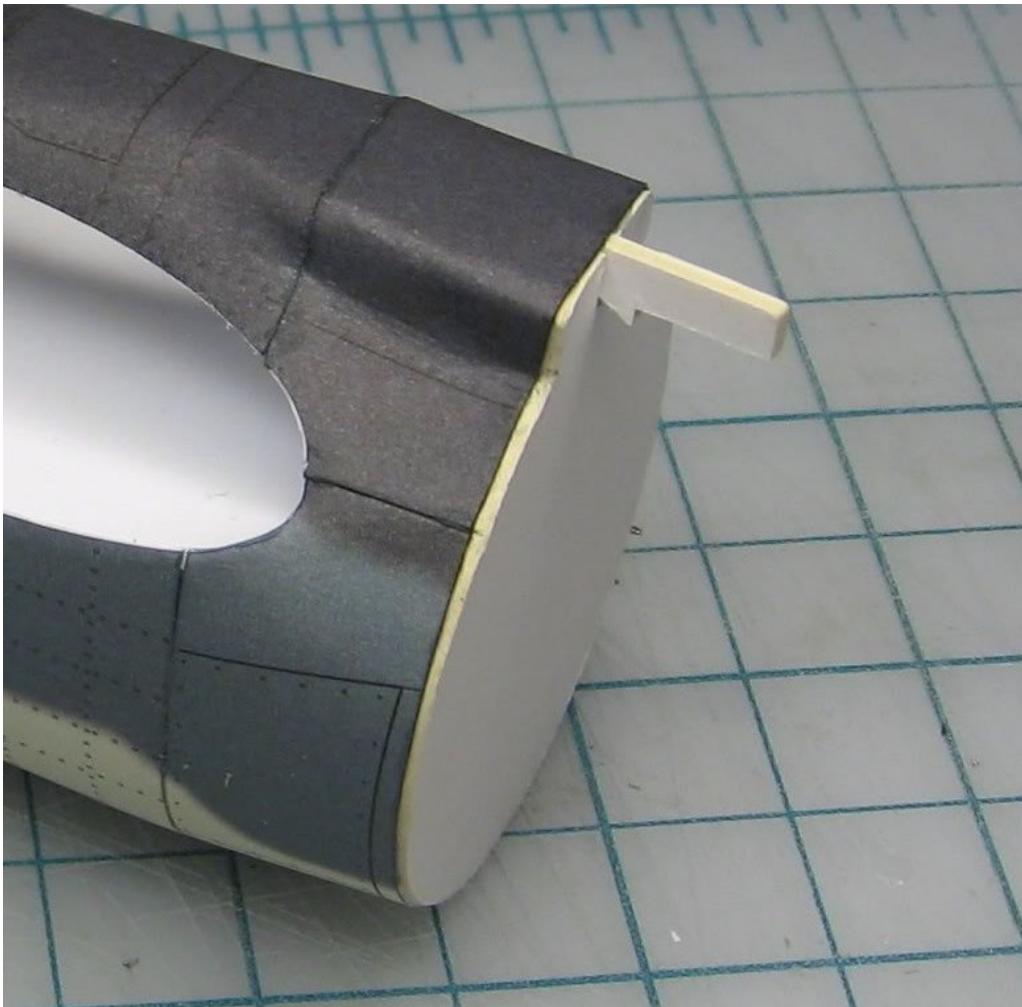
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x802.




Now I know why Orlik give you big swatches of all the print colors in various locations on the part sheets, patchwork! I'm going to wait for the impending train wreck that's sure to be when I try to fit this nacelle to the wing before I patch that gap, or trim down the edges of the opening. Should be fun!

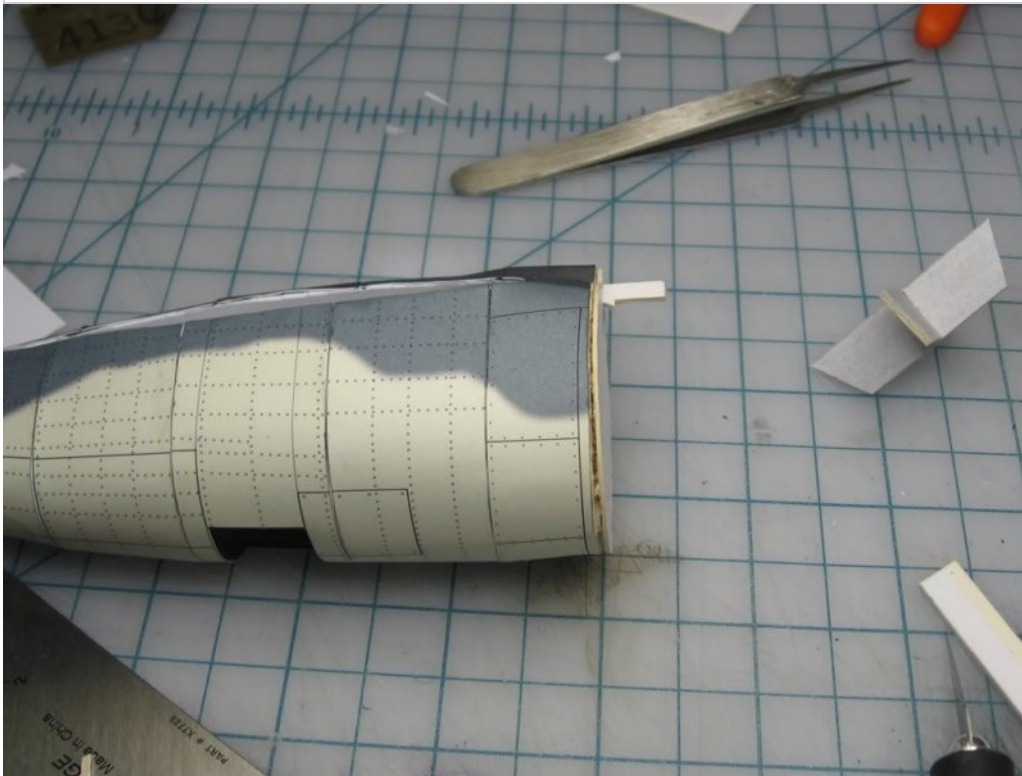
Nobody's mentioned it, but I'm sure it was apparent that the front former is a tad too thick and sticks out beyond the skin pieces:

 This image has been resized. Click this bar to view the full image. The original image is sized 778x763.




Nobody noticed? Well, *I* did, and this is yet another reason I like the crescent mat board so much. Because it's cold pressed in layers, it's nothing to run a knife along an edge, in this case up against the skin edges :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x774.



...and pull a layer off with minimum effort. And the remaining surface is flat too, if a little fuzzy :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x796.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



09-12-2009, 08:27 PM

#208 ([permalink](#)) 



jagolden01 
Member

Join Date: Jan 2008
Posts: 503

Agin, Mike, incredible work.
Funny, reading the last post, I was about to say "just shave some layers off of the former", until I got to your last photo.
works great doesn't it?!



09-12-2009, 08:46 PM

#209 (permalink) 



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Hi Mike 😊

Quote:

The expanded connector strips helped, and there was more creep in length, which required a trimming down of the second to last part, but it's all there:

It's like I always said to the apprentices when they pulled a bit too much cable off a spool. It's better looking at it then for it! Those nacelles will slide on those wings like they had always been there. They look great 😊 I'm always really critical of my modeling or pretty much anything I do. Where I see a building tragedy, my wife and son are full of praise. I suspect you are the same.

Talk soon
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-13-2009, 12:25 AM


#210 (permalink) 



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

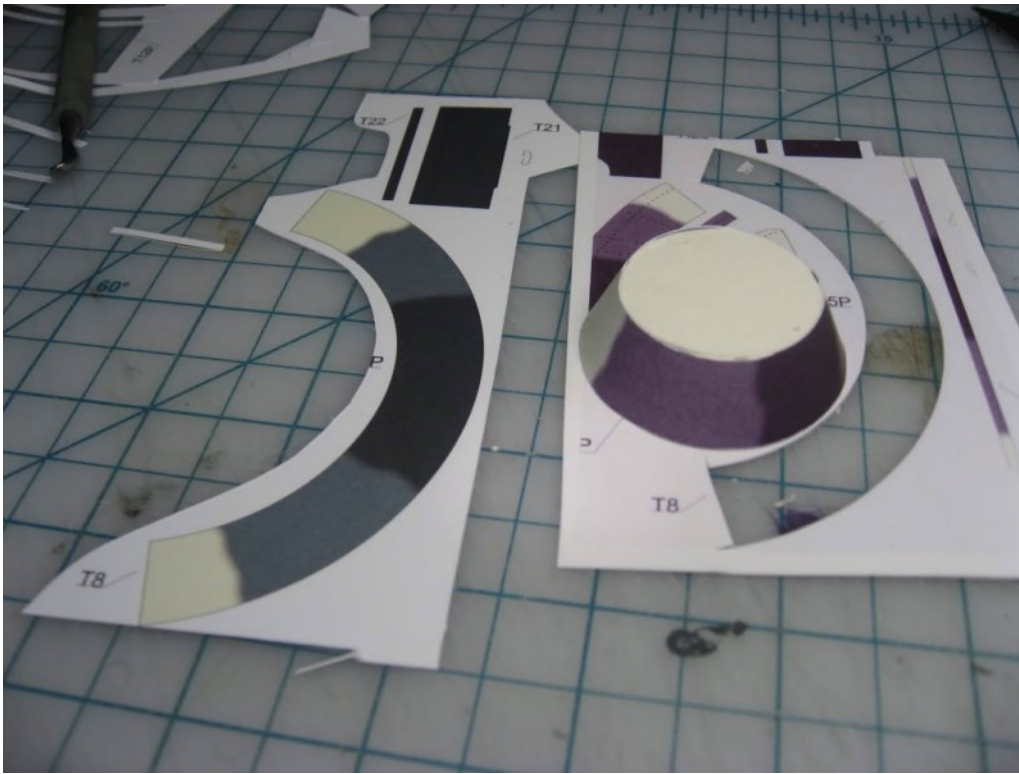
Added the upper carburetor inlet, which is a pretty good design by Orlik, and doesn't look half bad:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x766.




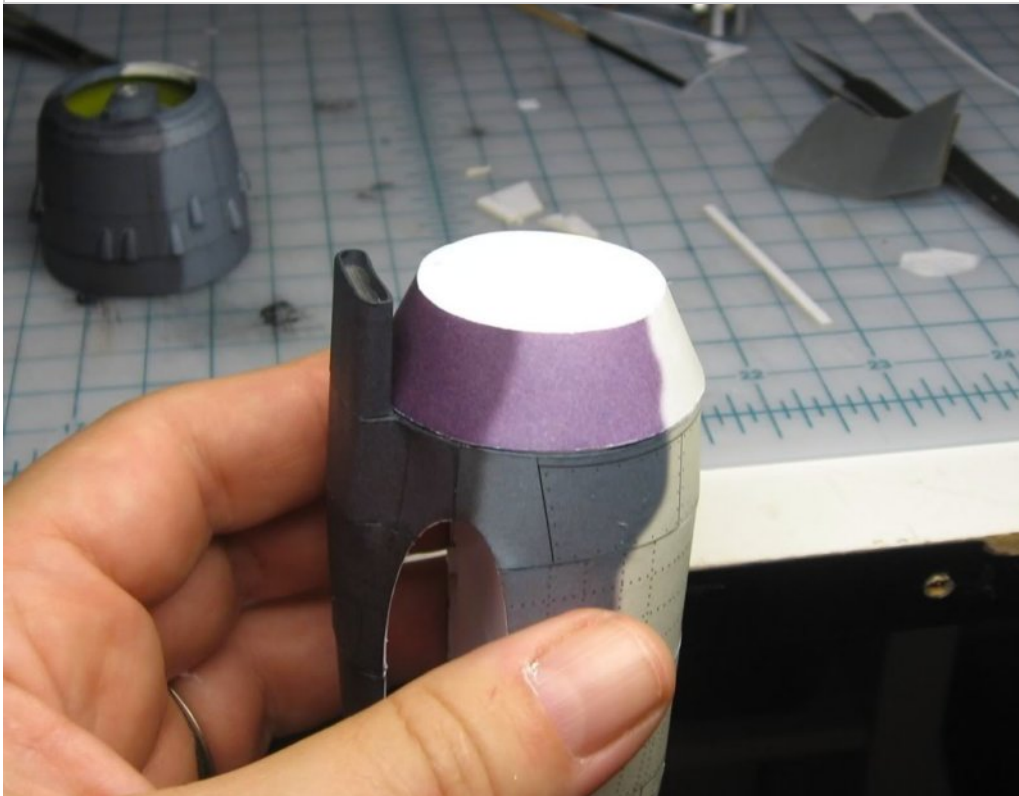
The last bit to install on the nacelle is the firewall assembly, and for this I had a hunch that something was amiss, so, in the best tradition of the *Boose Method*, I constructed a quickly printed (and horribly mis-colored) doppelganger to test my theory:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Sits well on the nacelle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x796.




But, dang, as I suspected, the cowling/engine assembly sits pretty far away:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x790.



Here' the real McCoy from the Wolf book I cite in my kit review :

 This image has been resized. Click this bar to view the full image. The original image is sized 740x538.



Also note the relationship of the carb inlet lip to the cowl flaps. Sits somewhat further forward. So the Boose Method proves invaluable once again. I'll be shortening the firewall assembly some 3/16" by my calculations.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
369 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 22 of 77 [« First](#) [< 12](#) [20](#) [21](#) **22** [23](#) [24](#) [32](#) [72](#) [> Last](#) [»](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

09-13-2009, 12:55 AM

#211 ([permalink](#))



[peter taft](#)
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Mike ? I have been following this build from it's birth... are you ever going to put some effort into this or what... You really should be working for the company who design these models, at least you'd be able to SHOW them how it should be done - the way you overcome there discrepancies is a gift in itself because there are many builders that would come to FULL STOP and lots of head scratching... you just get in there and put it right straight away my friend. As always a pleasure to visit you Mike. 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)

09-13-2009, 01:21 AM

#212 ([permalink](#))



[Bomarc](#)
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thank you Peter. Your posts here on the forum are always a joy to me, and I'm proud to call you my friend.

To adress the point of your post, I guess my troubleshooting skills come from my line of work. I'm an architect working in the field on a major construction project. Distilled down to simplistic terms, my days usually revolve around mistakes the contractor(s) make (although I can safely say my firm is guilty as well) and three simple questions always come up: "What did they do.....What did we want....How do we get *there* from here?"

Where does that put Orlik in the above equation....? Hmmm....

More to come (well yeah, I have to finish that damn thing, right?)...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)

09-13-2009, 01:56 AM

#213 ([permalink](#))



[flying rasta](#)
Member

Join Date: Aug 2009
Posts: 105

Please Mike,
Just 2 request...please for pic of rear quarter if possible..want to see how that compound curve was dealt with..learning so much here..boose method?

I do like the cowling, very realistic...especially the "bumps"

Keep inspiring...

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

[Quote](#)

09-13-2009, 02:12 AM

#214 ([permalink](#))

09-13-2009, 02:12 AM

#214 (permalink) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Hi Rasta

Your second inquiry first. The "Boose Method" is my meager attempt to pay homage to forum top poster Don Boose, another skilled crafter who I'm also proud to call friend. He started an exquisite build of the Ryan "Spirit of St. Louis" by first printing scanned components of the kit to sort out any discrepancies. A very prudent and useful approach (particularly for someone like me who "shoots from the hip" most of the time). I should employ that method more often.....

Your first request has me a tad confused..."rear quarter" of what? If you could zero me in on what you want to see, I'm happy to snap all the pictures you need.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-13-2009, 02:19 AM

#215 (permalink) 



flying rasta
Member

Join Date: Aug 2009
Posts: 105

Please Mike,

Just 2 request...please for pic of rear quarter if possible..want to see how that compound curve was dealt with..learning so much here..boose method?

I do like the cowling, very realistic...especially the "bumps"

Keep inspiring...

to buy...or not to buy...damn you MAREK....damn you!!...ummm...can you make one more 1:50??



09-13-2009, 02:24 AM


#216 (permalink) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **flying rasta** 
*Please Mike,
Just 2 request...please for pic of rear quarter if possible..want to see how that compound curve was dealt with..learning so much here..boose method?

I do like the cowling, very realistic...especially the "bumps"

Keep inspiring...*

What? I didn't answer good enough the first time, so you're asking again? 😊

I think the forum "machine" is glitching....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-13-2009, 05:19 PM

#217 (permalink) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Won't get too much done today, but I did do a second test build of the new and improved firewall assembly (the magenta cartridge in my inkjet crapped out, so it's a lovely shade of green):



Looks a lot better. The Carb inlet is just about where it should be:

Guess I can commit to the actual parts now.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-13-2009, 05:23 PM

#218 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Still tracking this superb build, even though I haven't done much posting due to heavy workload (building some lectures, building an on-line elective course on Pacific War strategy, writing some book reviews, administrivia, and so on).

The nacelle is astonishingly good and I continue to learn from your work.

Boose method? Goodness, what an honor. Praise from Caesar. Wish I had some time to apply it to model building.

Anyway, I'm still out here Mike, silently lurking.

Don



09-13-2009, 05:32 PM

#219 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Don Boose**
.....
Anyway, I'm still out here Mike, silently lurking.

Don

And it use to be *me* silently lurking....how things change! 😊

Hop on board when you can Don, this thread's not going anywhere. You'll get to see this mess in person at Dulles next month anyway, then we'll see what your opinion of it is....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-13-2009, 07:27 PM

#220 (permlink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Quote:

Originally Posted by **Bomarc**
*Thank you Peter. Your posts here on the forum are always a joy to me, and **I'm proud to call you my friend.***

To adress the point of your post, I guess my troubleshooting skills come from my line of work. I'm an architect working in the field on a major construction project. Distilled down to simplistic terms, my days usually revolve around mistakes the contractor(s) make (although I can safely say my firm is guilty as well) and three simple questions always come up: "What did they do.....What did we want....How do we get there from here?"

Where does that put Orlik in the above equation? Hmmm....

More to come (well yeah, I have to finish that damn thing, right?)...

Mike

Likewise mate 😊 You against Orlik.. me think {know} you will win 😊 with your work background, i now fully understand how you are so precise and methodical which is a very BIG credit to you Mike.

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Tags [Edit Tags](#)
None

Quick Reply

Message :

[Options](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
370 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 23 of 77 << First < 13 21 22 **23** 24 25 33 73 > Last >> ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

09-13-2009, 09:22 PM

#221 ([permalink](#)) 



[flying rasta](#) 
Member

Join Date: Aug 2009
Posts: 105

Sorry Mate, I guess its the side effect from trying to post via blackberry.
i wanted to see a close-up of the trailing edge/tip of engine nacelle. I love how the whole pod is coming together.

Is it possible when the model is complete, to place one of the cowling on a built trolley / maintenance stand so as to display the superb engine?

Just seem "criminal" to hide this work of art.

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



09-13-2009, 11:17 PM


#222 ([permalink](#)) 



[Bomarc](#) 
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

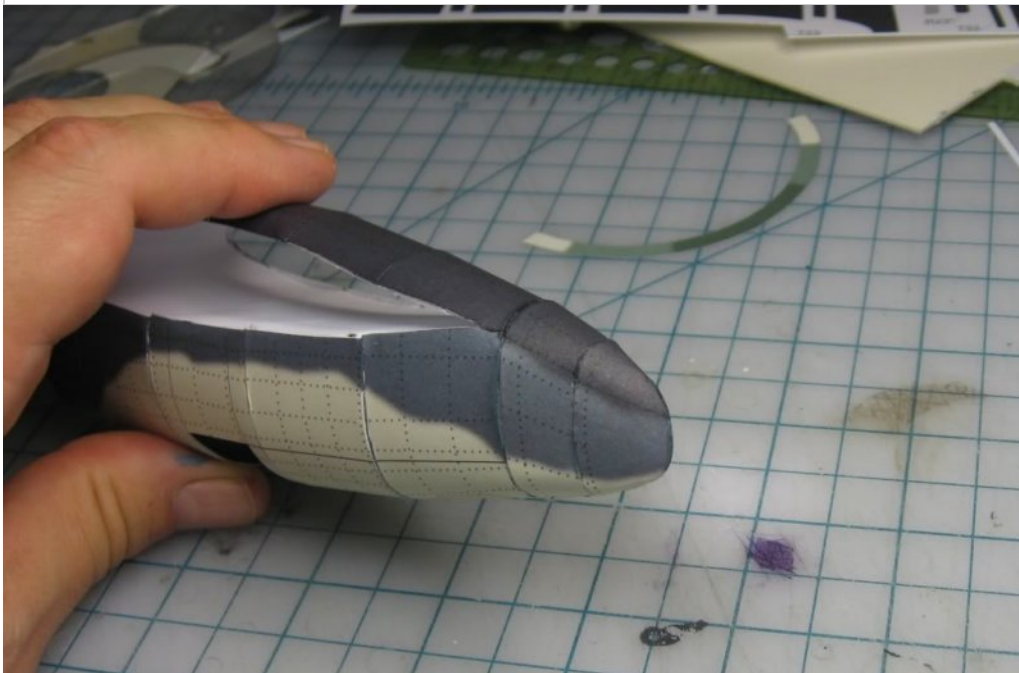
Quote:

Originally Posted by [flying rasta](#) 
.....
i wanted to see a close-up of the trailing edge/tip of engine nacelle.....


Well, why did you say so?! 😊

Will these do `ya? The last is with the virgin parts for the left nacelle (along with the green test piece):


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x792.



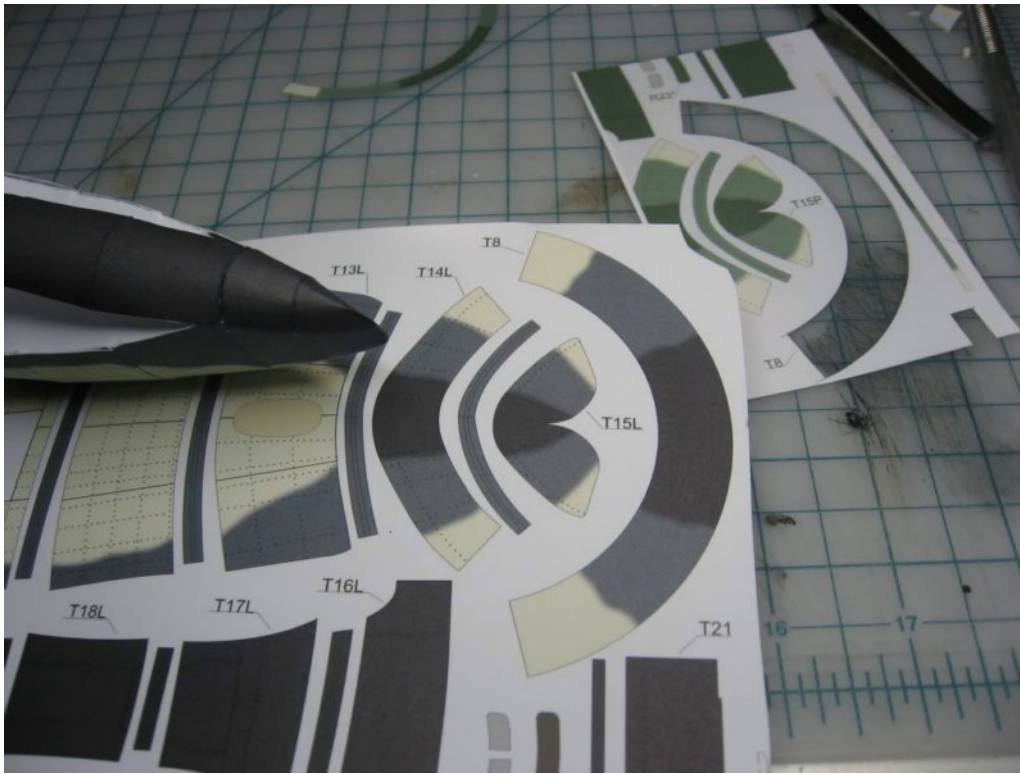


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x834.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



09-14-2009, 04:40 AM

#223 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 105

Aaaahhh.....

Now I can sleep in peace...thanks. Can't wait to see how the landing gear structure is treated..

Carry on!....**salutes then saunters off**.

Oh by the way...was there any misalignment with the camo paintscheme? If so how was/will it be treated? Or will such be ignored?..with you, its hardly likely.

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



09-14-2009, 05:47 AM

#224 ([permalink](#))



Jim Nunn
Member

Join Date: Jun 2007
Location: Glendora, California USA
Posts: 249

Mike,

I have been watching this exquisite build but have had some issues with making any comments (my chin keeps hitting my keyboard making it very difficult to type). I really like your methods for making the spinners they are real keepers for my personal building tips.

Jim Nunn

There is a very fine line between paper modeling and mental illness.



09-14-2009, 12:32 PM

#225 ([permalink](#))



Quote:

Originally Posted by **flying rasta** [▶](#)
.....Oh by the way...was there any misalignment with the camo paintscheme? If so how was/will it be treated? Or will such be ignored?..with you, its hardly likely.

That's the beauty of camouflage, it's *supposed* to be uneven! If there really is a mismatch I can't bring into submission, I'll just say the guy at the NAA paint shop was having a bad day! As an aside, it was actually pretty common to see mismatched camo paint on "factory fresh" aircraft. As aircraft production ramped up at the beginning of the War, more and more sub-assemblies were being farmed out to sub-contractors. If the sub used a different batch of paint, or applied it differently than the parent company, you had a mismatch, and it wasn't corrected, what with a war going on and all. The B-17 comes to mind with this, its outer wing panels were sub-assemblies that always stuck out.

Quote:

Originally Posted by **Jim Nunn** [▶](#)
.....I really like your methods for making the spinners they are real keepers for my personal building tips

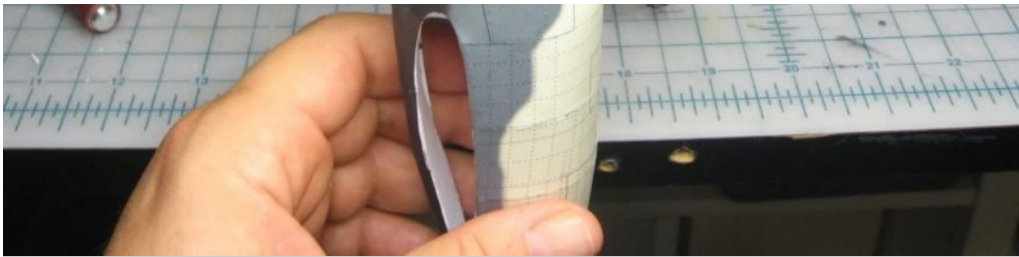
That's great Jim. The dremel trick is nothing new, having been used to make wheels by folks for years. But, as you pointed out, it's great for spinners, or engine fronts, or bomb noses, or _____? (your response here).


Well, dress rehearsal is over, time for the real deal. The firewall assembly modified and installed:



And with the other "accessories" (just sitting on top, as these components will be the last items I glue on if/when I finish this beast):



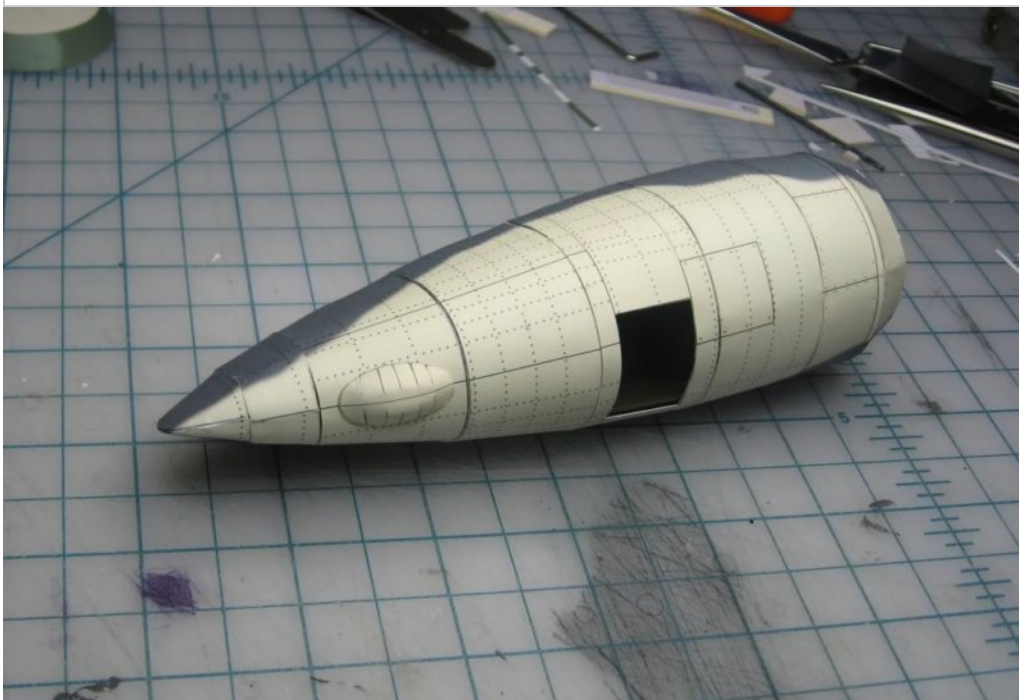



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x691.

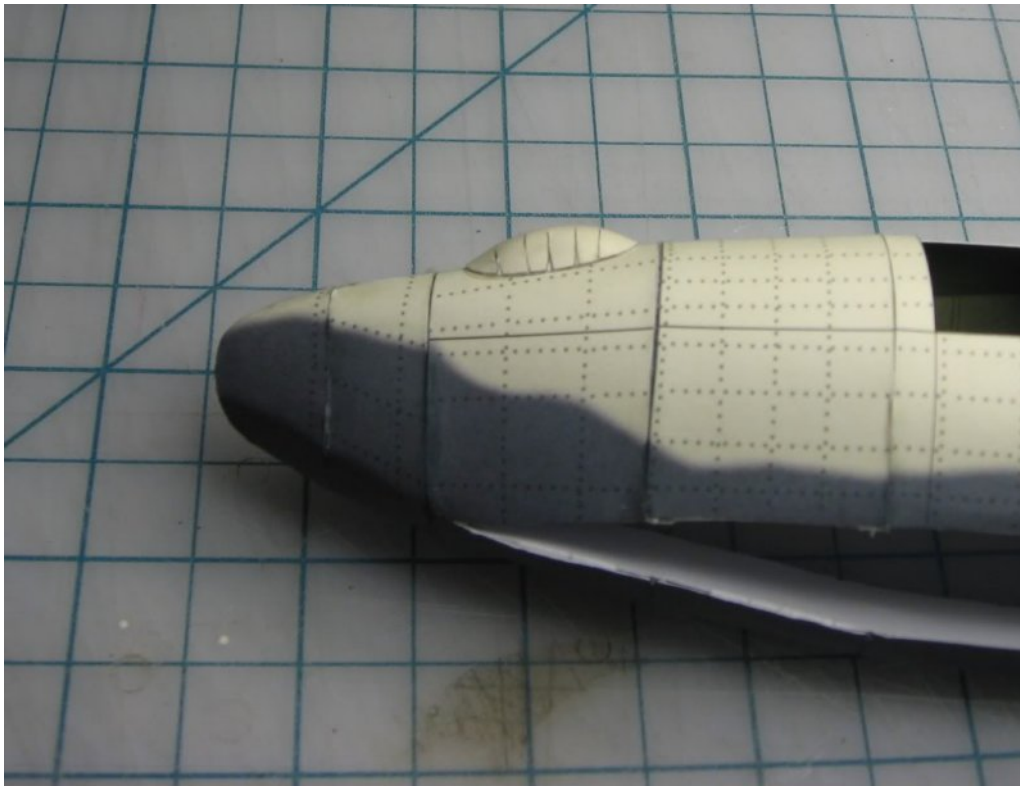


One last bit and I'm calling this nacelle done (sorry 'Rasta', landing gear won't happen until I get some other major components fabricated). That little scarab shaped thing was the bulge NAA incorporated into the clam shell doors to clear the last bit of the tire on the main lander gear. These are the kind of parts that truly test the resolve of the paper modeler (argh!) :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x782.



Now I get make the left nacelle...oh boy!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

Last edited by Bomarc; 09-14-2009 at 12:42 PM. Reason: You'll never take me alive copper!!! Hah, hah, hah....



09-14-2009, 12:34 PM



Don Boose 
Member

#226 ([permalink](#)) 

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,304

An outstanding nacelle, Mike! This Mitchell is going to look SO good in that blue Navy color scheme.

Don



09-14-2009, 01:22 PM



Wyvern 
Member

#227 ([permalink](#)) 

Join Date: Jul 2009
Location : North Florida , USA
Posts: 949

Fantastic! Really admiring what you're doing with this kit.

Wyvern



09-14-2009, 02:51 PM



flying rasta 
Member

#228 ([permalink](#)) 

Join Date: Aug 2009
Posts: 105

tyringtoget back...towork...must take eyes off website.....uuughh! ...failed yet again.

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

09-16-2009, 02:18 AM

#229 (permalink) 

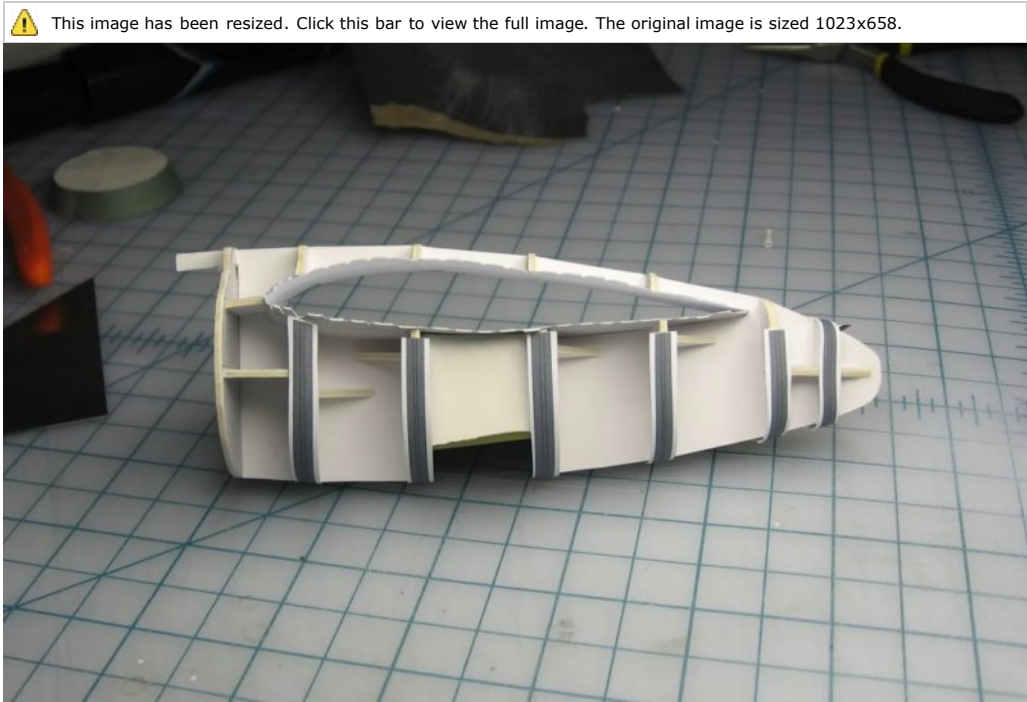


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Who's up for an update (is that redundant)?

Slow but steady progress on the left nacelle. Added the extended bridging strips across the formers:

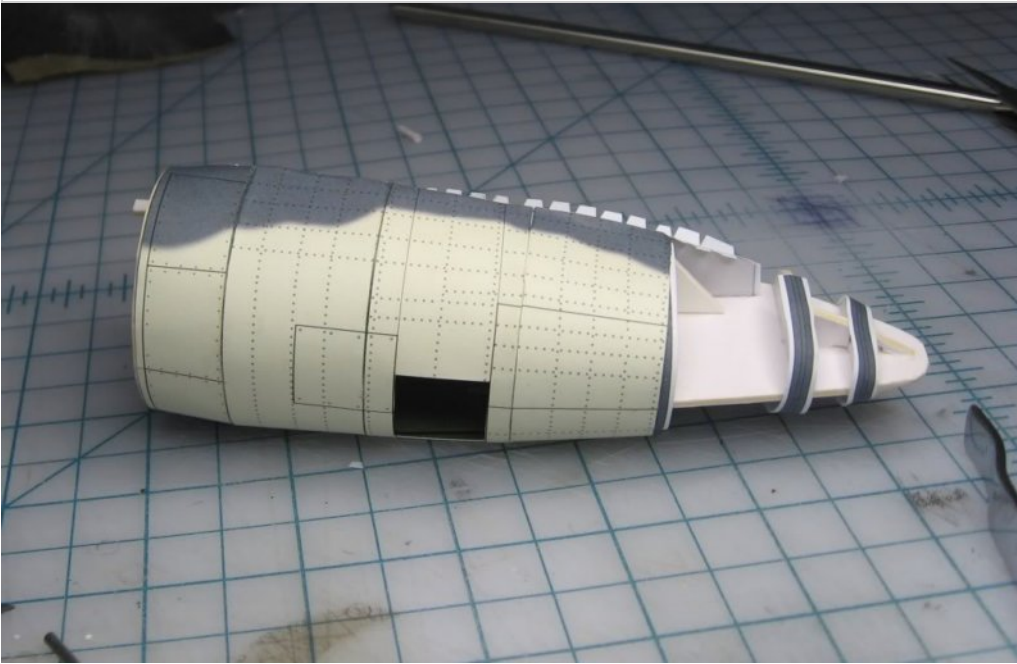


Skins with colored edges at the ready:



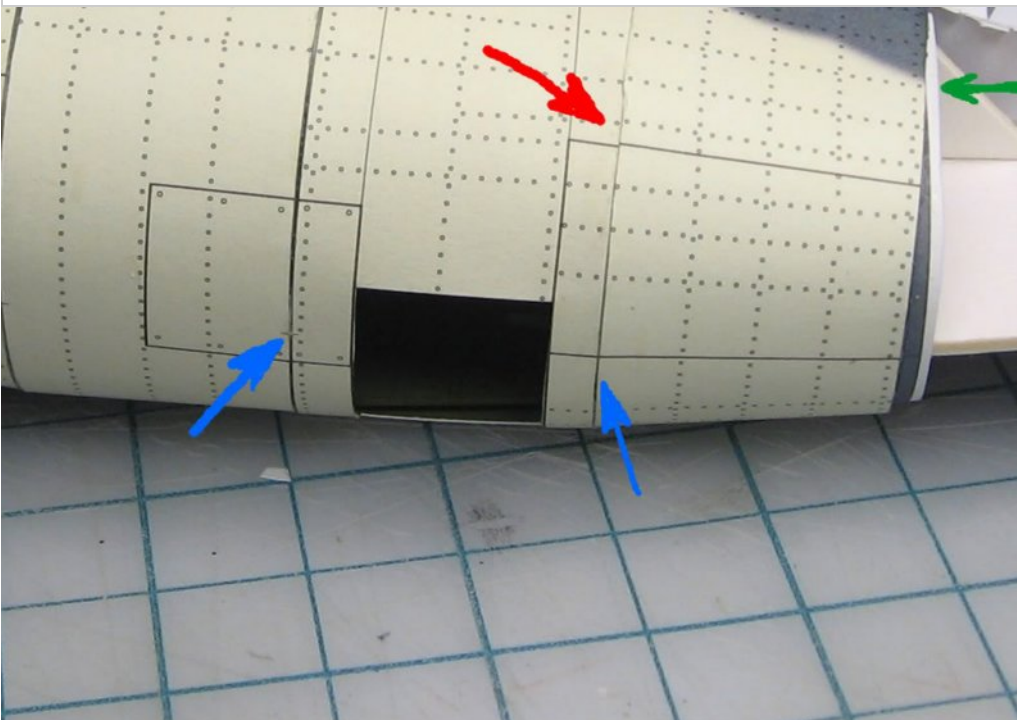
Let the skinning begin:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x660.




Close-up of the above reveals that regardless of the great pains taken to align the bottoms correctly (blue arrows), subsequent lines and rivets further up the side still mismatched (red arrow). Boo Orlik! Also, even with the extra material added to the strips, I *still* almost ran out of attaching surface (green arrow). You can imagine what I went through with the first nacelle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1017x713.




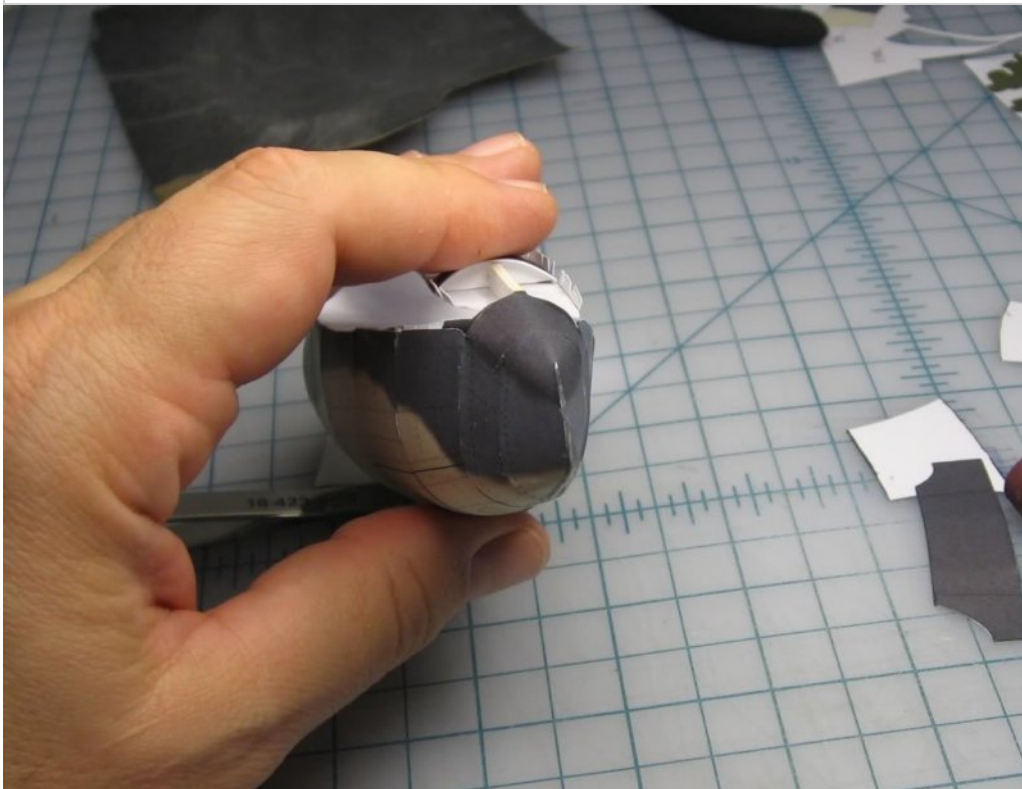
But, everything went on OK, and applying the lessons learned yielded better results:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x749.



Here's the "boat tail" end for you Rasta. I'll clean up the edges and paint when the whole nacelle's done:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x786.




Also, finally assembled the second propeller (left). The parts had been lying around for a week after I painted the hub:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x668.



The hope is that this shot reveals the usefulness of an alignment jig for the blades. Everything's pretty much in the same plane:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x735.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-16-2009, 03:10 AM



Don Boose 
Member

#230 ([permalink](#)) 

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts : 4,304

Beautiful work, Mike!

Don



Post Reply

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[<< Previous Thread](#) | [Next Thread >>](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation

All times are GMT. The time now is 05:10 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
371 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 24 of 77 << First < 14 22 23 **24** 25 26 34 74 > Last >> ▾

[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

09-16-2009, 03:45 AM

#231 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Those engine-filled cowling photos still take my breath away. The downside to this great build thread is that it keeps distracting me from my own build...

Ron S.

[Quote](#)

09-16-2009, 04:59 AM

#232 ([permalink](#))



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Mike, that pair is stunning! You get 2 nacelles built in the time I get a machine gun made. How do you keep the other half peaceful while you build? Oh if 'Click' were real....

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33

[Quote](#)

09-16-2009, 10:54 AM

#233 ([permalink](#))

Iemuel
Member

Join Date: Sep 2009
Location: Brisbane
Posts: 2

Fantastic

This is only my second post here and I have to say that what you are doing is amazing. I went through each page and was just gob smacked as to how beautiful your Mitchell is.

regards
Matthew

[Quote](#)

09-16-2009, 11:34 AM

#234 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Absolutely brilliant Mike, cant wait for the next instalment of this truly awesome build my friend 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

[Quote](#)

09-16-2009, 12:19 PM

#235 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thank you gents!

Quote:

Originally Posted by **OldTroll**
.... The downside to this great build thread is that it keeps distracting me from my own build...

Whoa, whoa...WHOA! Ron, I'll be more than happy to put this build on hold if it helps to get that Corsair of yours out of the hanger.

It just struck me that you'll have to crank out a PW Wasp Major "corn-cob" for that plane. You do realize that's equates to building the pair of engines above? Let's see, 56 pushrods, 28 cylinders.....Oh, but only one crankcase....so you got that going for you, which is nice!*

Quote:

Originally Posted by **Ron0909**
How do you keep the other half peaceful while you build?

Ron

Ah...well....we'll not get into that here. Suffice to say, it's a very complicated system involving ones ear tuned to the nearly imperceptible frequency (mostly heard only by dogs) of wifely irritation, ready to drop x-acto at the first "ping".

Mike

*Movie quote, source anyone?

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-16-2009, 02:31 PM

#236 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 105

the "boat end" reminds me of the british de Havilland Mosquito. hmmm.....say would you probably tackle the mos....ahhh never mind.

What gets to me is that i have started to study the Mitchell bomber...a subject i never thought i would ever look into.

Its the cowling i cant get enough of....

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



09-18-2009, 12:15 PM

#237 ([permalink](#))



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Just a tiny update, as it's just "same-old, same-old" at the moment (building two of everything gets like that sometimes). The left nacelle is done:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x704.



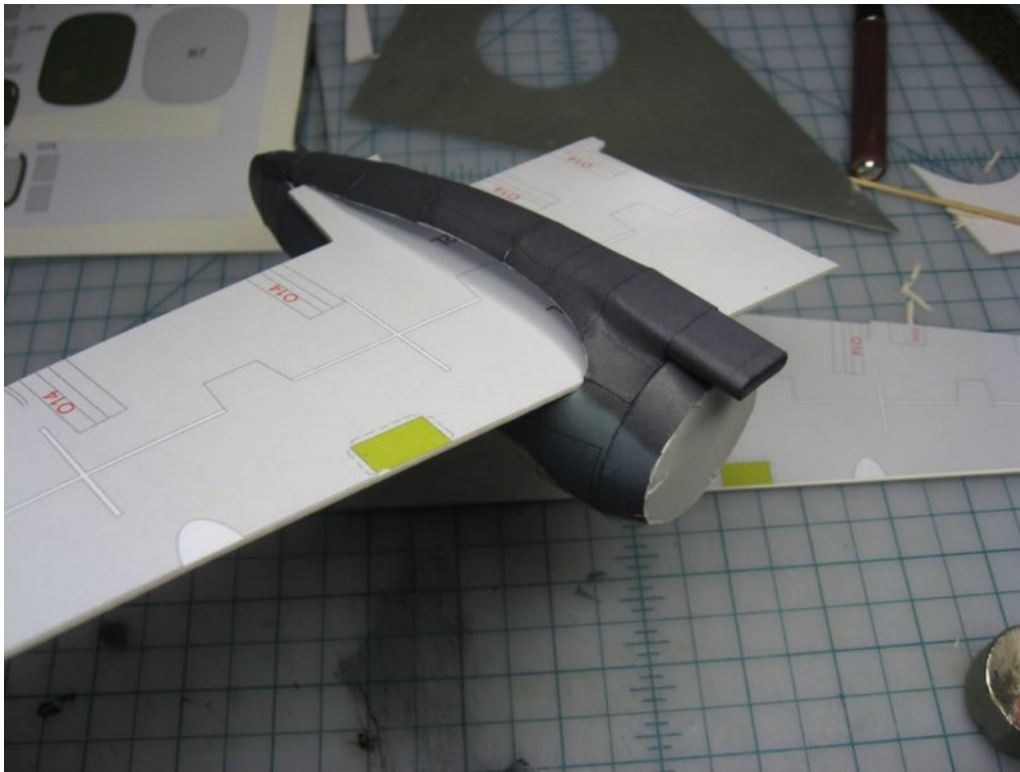
Some of the same issues that were in the right nacelle appeared on this one too, namely the gap between panels near where the wing trailing edges will be. So be it! I'll address those issues when they're attached to the wings. Speaking of which, I started cutting out the wing formers. Lots of real estate on these puppies:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



This is a good sign:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



It fits! Next few days will be cutting and building the internals.

On a similar note, found two more builds of Orlik's sister kit, the B-25J. One's in Polish(?), the other Spanish :

[Papermodels.pl :: B-25J Mitchell](#)

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

Some great builds going on there! Interesting how all of the other builds of this kit I've found have had different starting points. That's why I love forums. Not only do you get to see great work in progress, but the diverse way other folks tackle similar problems or sequences. Pretty neat stuff....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



09-18-2009, 12:34 PM

#238 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

This build continues to shine! I must confess I expected the wing to be thicker (LOL) but the fit with the nacelle looks like it will be OK. I think most of the "faults" are visible only to the builder because it all looks mighty good to me.

Ron S.



09-18-2009, 03:02 PM

#239 ([permalink](#))



barry
Member

Join Date: Jul 2007
Posts: 1,363

awesome building

barry

http://ecardmodels.com/shop/index.php...acturers_id=35 >Sealand-Express, Tarawa, Gearing, Colossus, Spruance





peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

You were COOKIN' WITH GAS before - but now you are most certainly on all four ring burners and fully alight my friend 😊 Not to go too fast forward, but can you put up a plan shot from the kit of the cockpit please... i love cockpits 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Tags [Edit Tags](#)
None

Quick Reply 


Message :



Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules 

You **may** post new threads
 You **may** post replies
 You **may** post attachments
 You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation 

All times are GMT. The time now is 05:11 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
371 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 25 of 77 [« First](#) [< 15](#) [23](#) [24](#) **25** [26](#) [27](#) [35](#) [75](#) [> Last](#) [»](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)



09-18-2009, 05:42 PM

#241 ([permalink](#)) 



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,
The engine nacelles look great! Can't wait to see rest of the plane being added to them 
Just in case - former for the wing should be cut into two halves so the spar and ribs have a place to stay 

Michael Krol
[www.gremirmodels.com](#)

[Quote](#)  

09-19-2009, 03:31 AM


#242 ([permalink](#)) 




Bomarc
Member

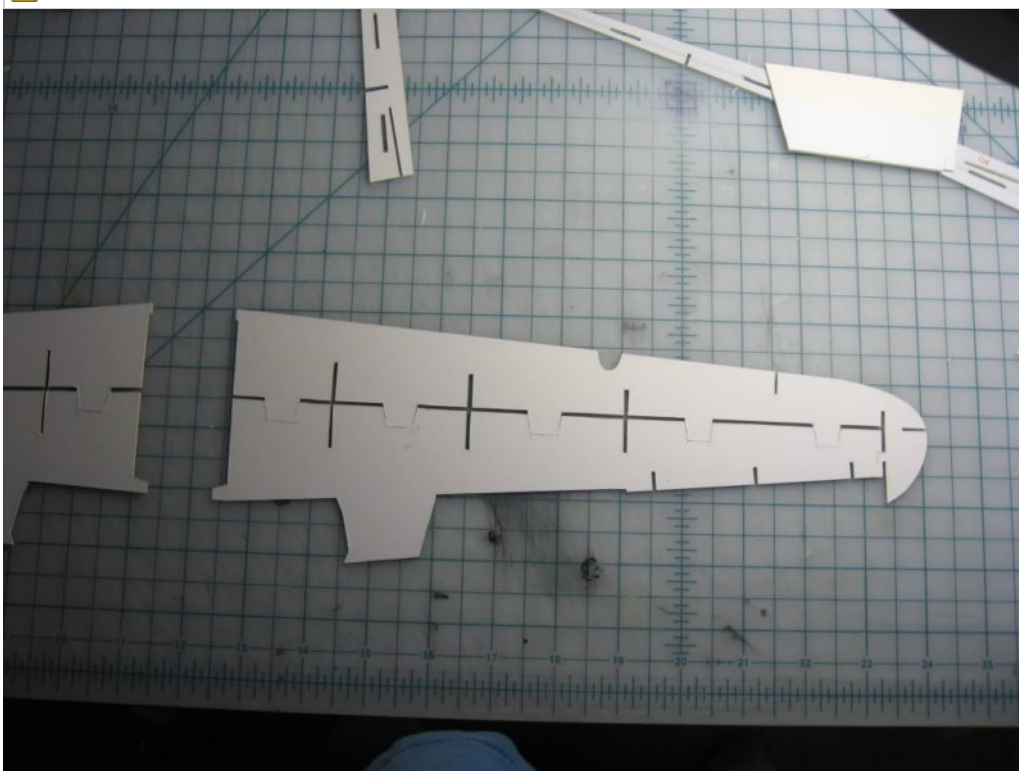
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

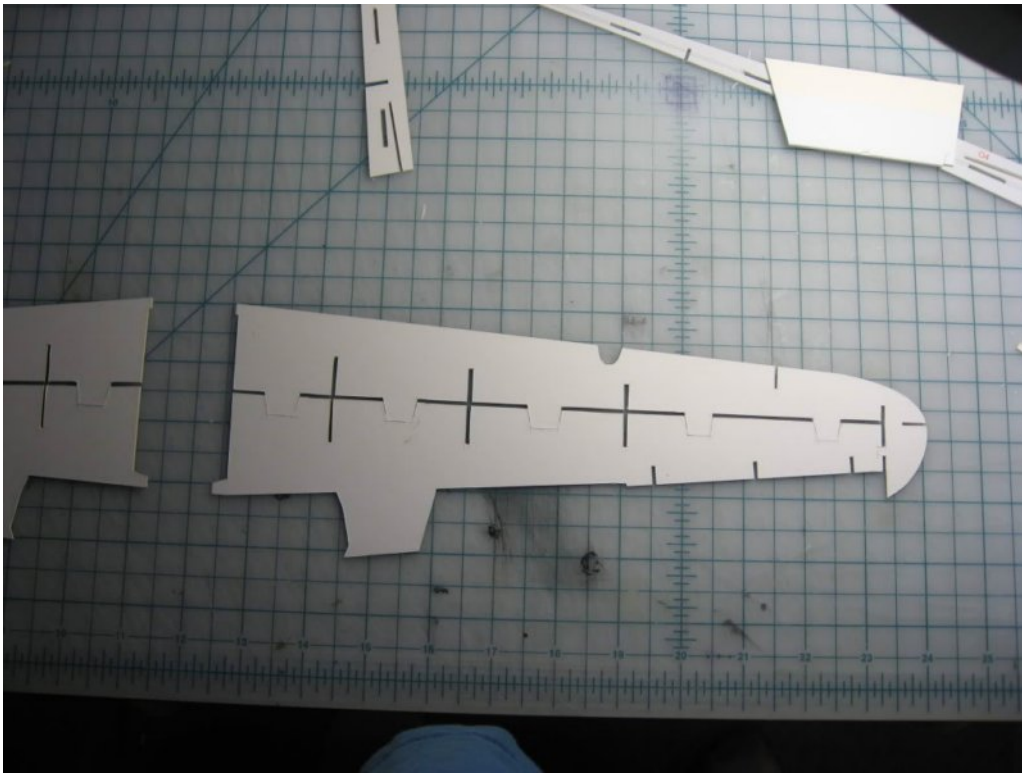
Quote:

Originally Posted by [GreMir](#)
Just in case - former for the wing should be cut into two halves so the spar and ribs have a place to stay 

You mean like this Mike? 


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

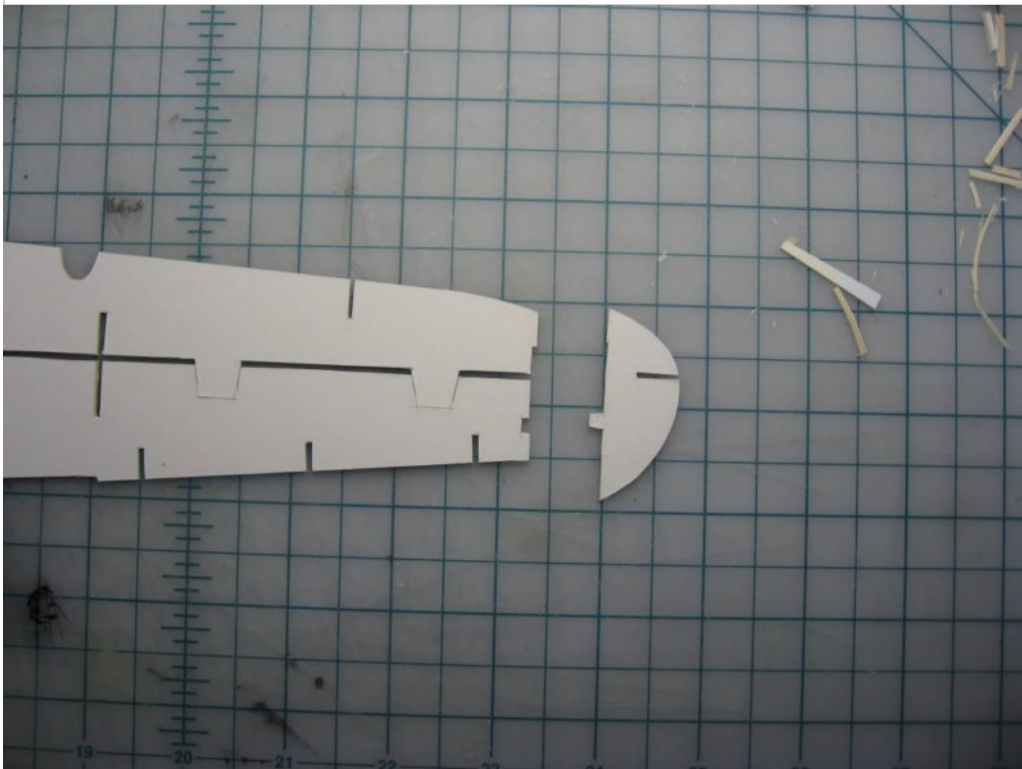





Well it's official. Orlik has P****D me off. The wings formers on this beast are so mislabeled that I was ready to....well I won't say, but fire wasn't out of the question.

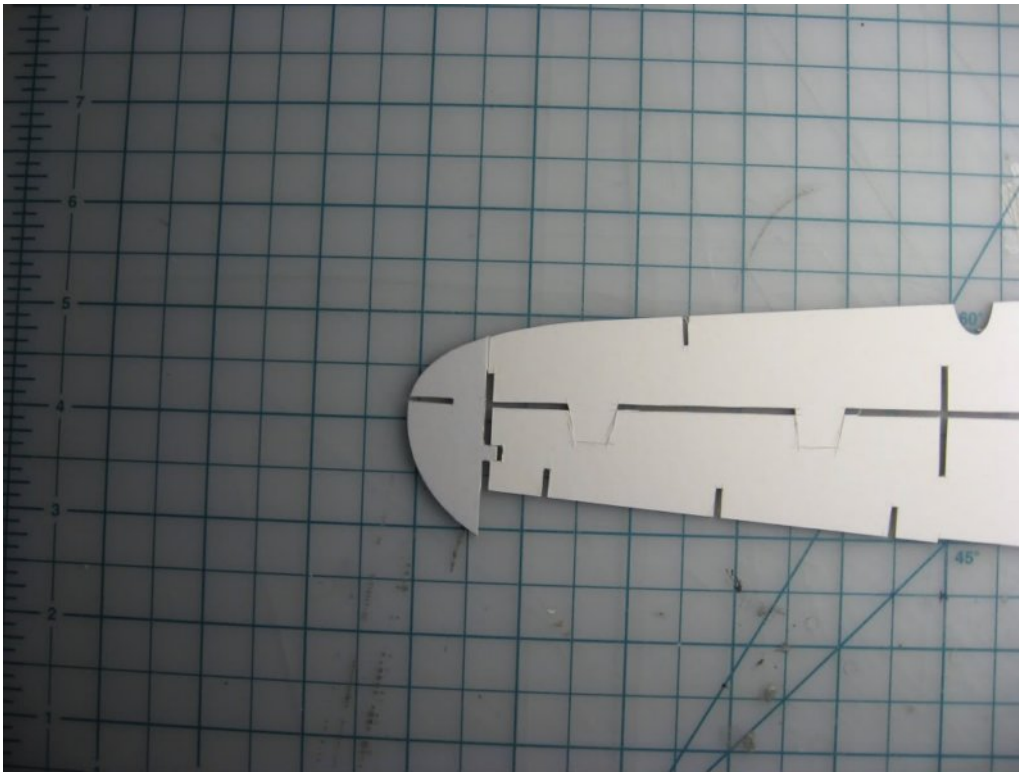
It turns out the printed side of the major components I posted a pic of yesterday needs to be on the bottom, which is OK, because when you turn them upside down they actually are properly marked: The "P" part on the right, the "L" on the left. Cool! But now the wing with the complete wingtip is on the right (the other wingtip mounts the radome so isn't required). Problem is PBJ's sport their radomes on the right wingtip. So, OK, I just chop it off and mount it upside down (printed side up) on the left wingtip:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.




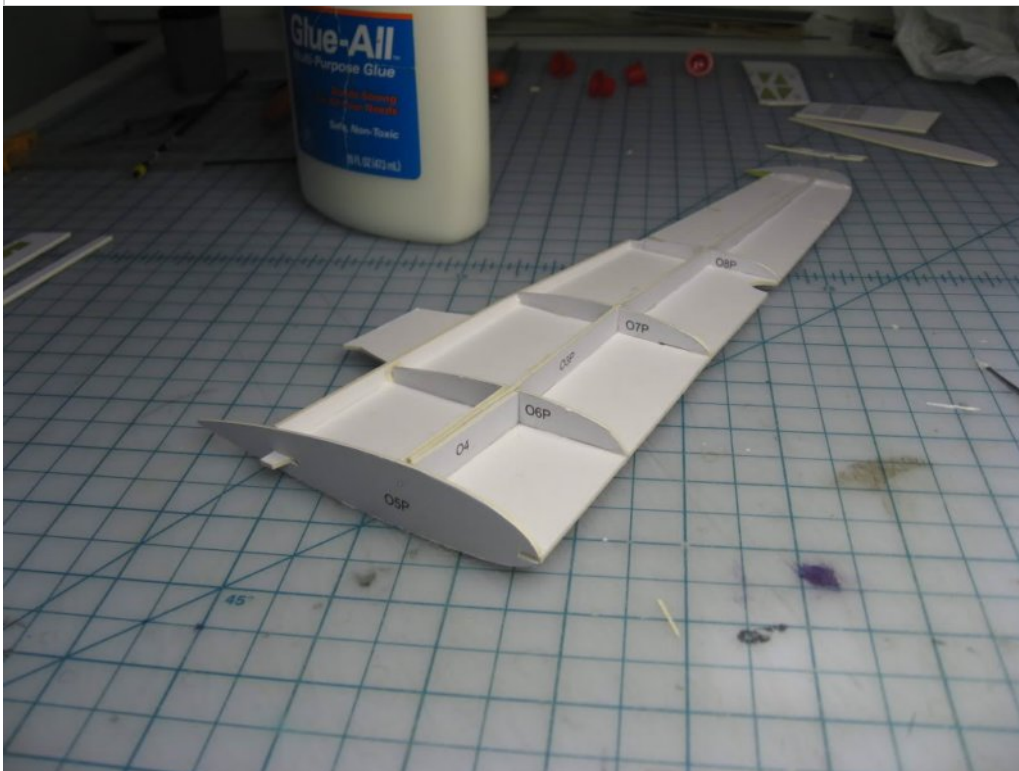
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.






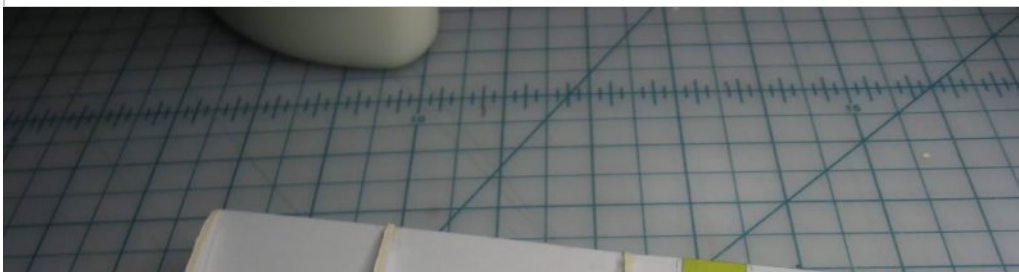
With me so far? Great! I start building the first set of spars and ribs, all "P" parts, so I think I'm building the right wing, right? No!! Turns out they're reversed too, so I have to use them with the properly marked left wing if I want to keep said parts upside down. Here's the upper side, note the "P" suffix of the parts:

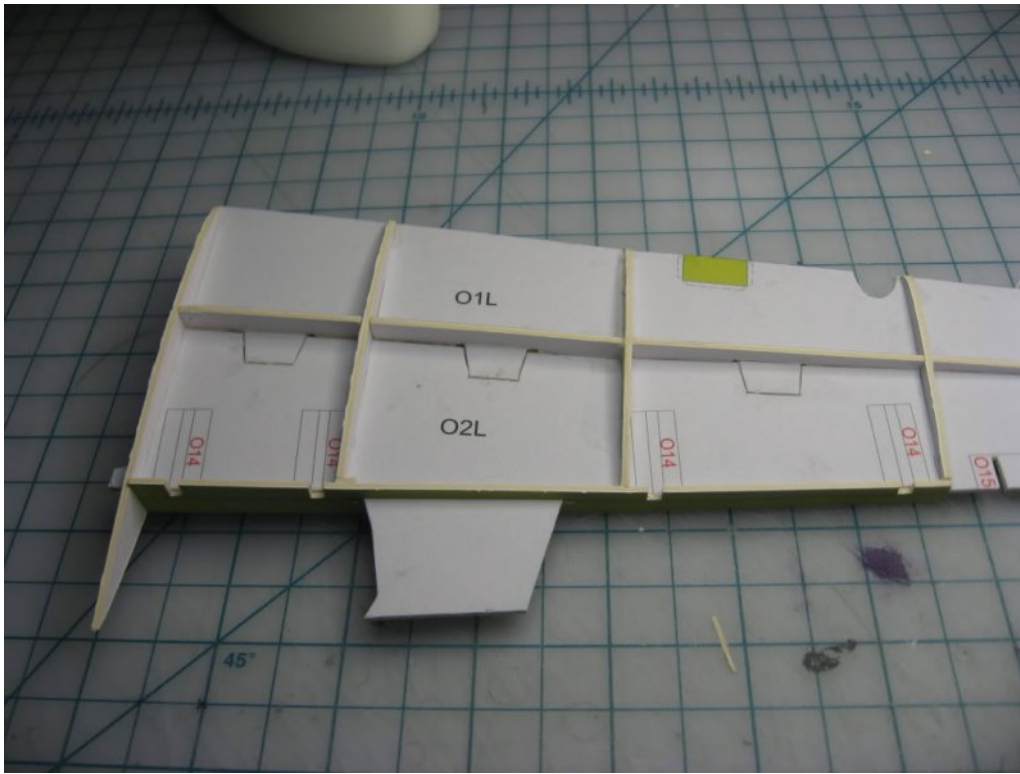
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



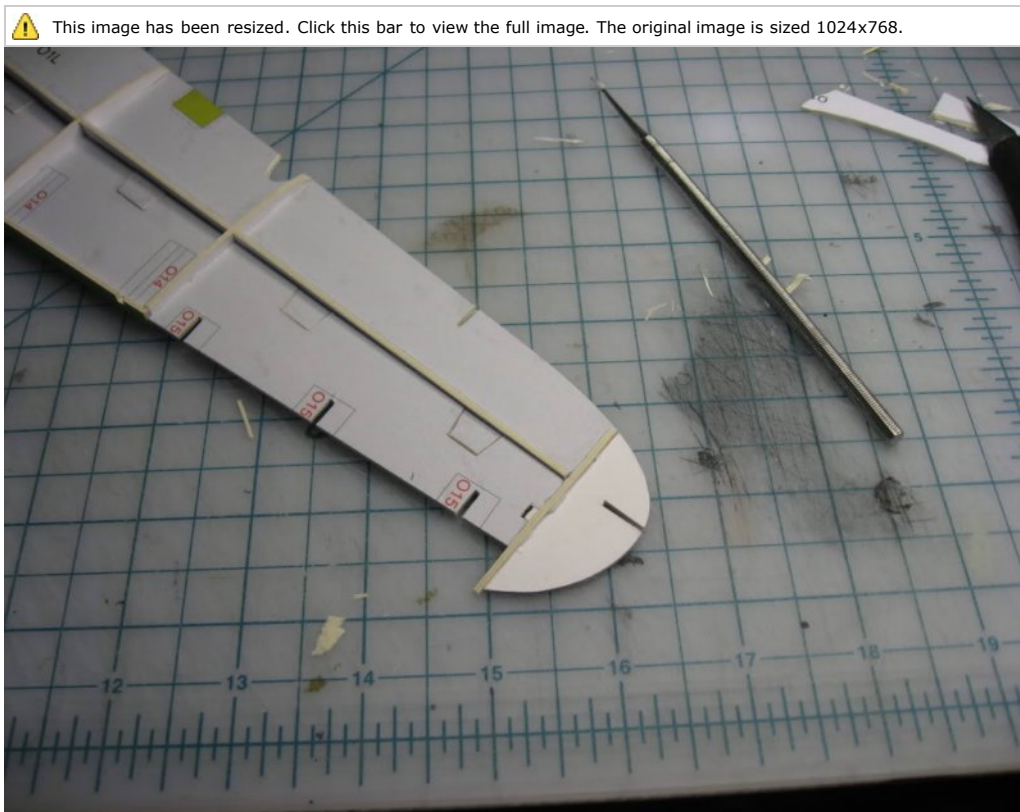
And the bottom, with "L" suffix parts:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





And the relocated wingtip, which required the end rib to be notched to accept the tab in the tip:



See what I mean?

To summarize: The wing core parts are properly mark left and right only if you turn them upside and use them with the improperly marked spar and ribs which requires you to chop off one wingtip because PBJ's don't have their wingtip there and that means notching out the left improperly mark last rib to accept the now turned right side up wingtip in the left wing so in the end the murderer was Colonel Mustard in the library with a candle stick.....😞

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

09-19-2009, 03:41 AM

#243 ([permalink](#)) 



GreMir 
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

They are doing this to keep the modeler on his/hers toes...
Good thing you caught that - in symmetrical setup this wouldn't matter but the radome on the wrong wing would be a disaster...

Michael Krol
www.gremirmodels.com



09-19-2009, 04:30 AM

#244 ([permalink](#)) 



OldTroll 
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

What's a little "prawa" and "lewa" among friends? When I first started doing Polish language models I was confused because 'P' was obviously "port" so what the heck did 'L' stand for? I have encountered similar situations on Fly, MM and other Orlik models...I wonder if it is designer related?

Ron S.



09-19-2009, 07:40 AM

#245 ([permalink](#)) 



shrike 
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,234

I can't keep my Peft and Light straight either<G>

I'm not making it up as I go along, I'm establishing precedent



09-19-2009, 08:40 AM

#246 ([permalink](#)) 



Ron0909 
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Oh this reminds me of too many old Newfie jokes!!!! Mike, I'm glad you got that sorted out before you went ahead with it. C'mon man! I need to see those wings skinned!

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-19-2009, 01:03 PM

#247 ([permalink](#)) 

kenlwest 
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Nice save! There is nothing worse than being in the middle of a "PERFECT" build, and then something like this happens - especially when using the original kit parts!

It's like chess - think ahead as far as reasonable possible. I can't wait to see the wing skins and engine pods mounted up! Perfect fit I'm sure.

Ken



09-19-2009, 01:50 PM

#248 ([permalink](#)) 



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Come on, Mike - if the radome is on the wrong side, just fly inverted!

Ron S.



09-19-2009, 01:57 PM

#249 ([permalink](#))



jagolden01
Member

Join Date: Jan 2008
Posts: 503

So much attention to not only the physical build, but the proper outfitting of the real aircraft!

The problem-solving on these wings is stupendous - if I've not already said this, this thread must be converted to an archive for reference by others, and of course, as an eternal legacy to Ken (just one among many).



09-19-2009, 02:17 PM

#250 ([permalink](#))



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Quote:

Originally Posted by [jagolden01](#)
.... and of course, as an eternal legacy to Ken (just one among many).

You meant Mike (**Bomarc**) of course

Michael Krol
www.gremirmodels.com



[Post Reply](#)

Page 25 of 77 [« First](#) [<](#) [15](#) [23](#) [24](#) **25** [26](#) [27](#) [35](#) [75](#) [>](#) [Last](#) [»](#)

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply?

Show your signature

[Post Quick Reply](#)

[Go Advanced](#)

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
373 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 26 of 77 << First < 16 24 25 **26** 27 28 36 76 > Last >> ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾


09-19-2009, 02:18 PM


#251 ([permalink](#)) 

GreMir 
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Quote:

Originally Posted by [OldTroll](#) 
Come on, Mike - if the radome is on the wrong side, just fly inverted!

That might be tough to eat lunch on such long patrols 

Michael Krol
www.gremirmodels.com

09-19-2009, 02:27 PM

#252 ([permalink](#)) 

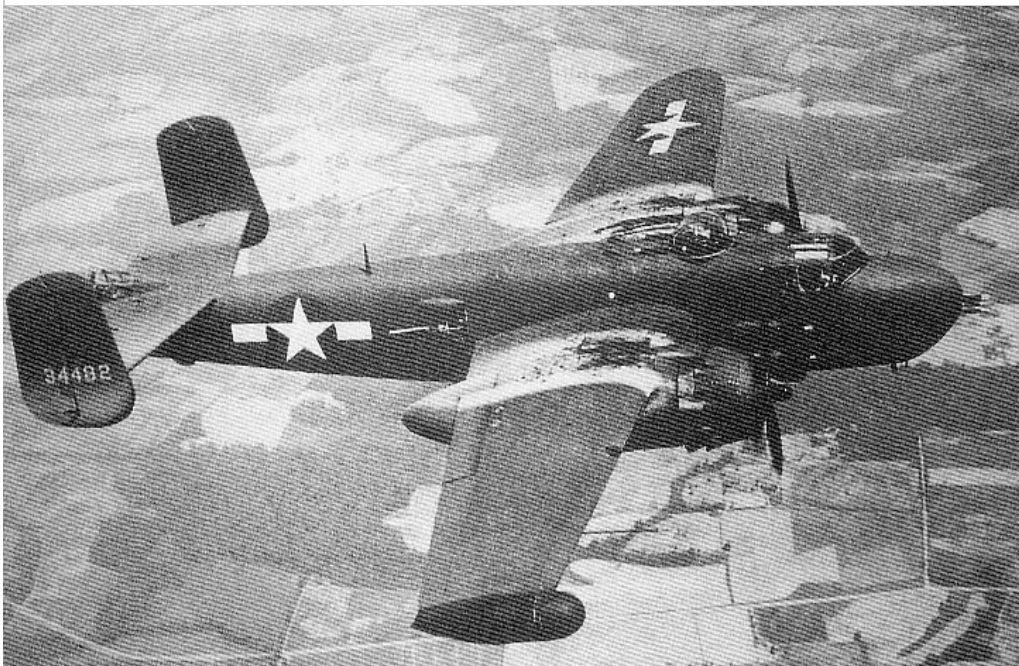
Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Maybe it was Professor Plum in the dining room.....?

Well, to give Orlik some credit, this wing structure is pretty robust and straight once everything gets sorted out. I think some of the wingtip confusion stems from the fact they made the B-25J kit first and adapted it into the PBJ. That gave them a 50/50/90* shot at which tip to put the radome. Here's the real deal from the Wolfe book:

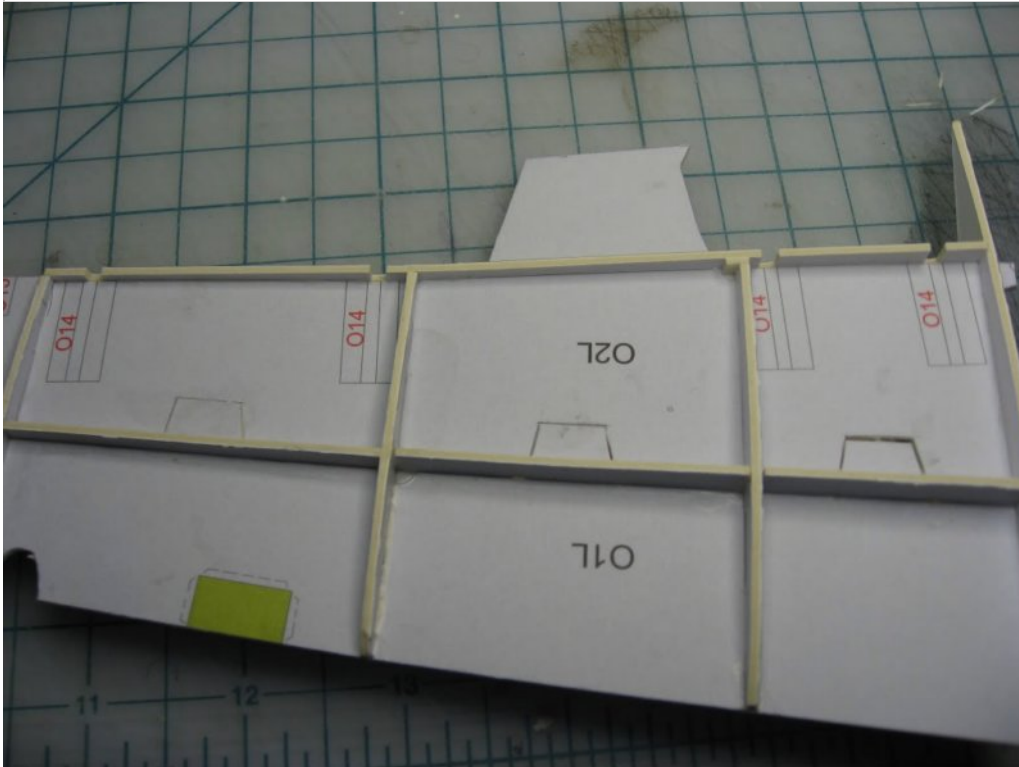
 This image has been resized. Click this bar to view the full image. The original image is sized 727x472.



Thankfully, the wing skin pieces on the kit are correct. Of course, that doesn't excuse them from the other issues. Also, I should mention that the reason the flat parts need to be printed side down is because all the alignment marks are there. That


should mention that the reason the flat parts need to be printed side down is because all the alignment marks are there. That patch of green becomes the roof of the oil cooler inlet for lower half of either wing, and those other marks are for the flap/aileron mounting thingys:

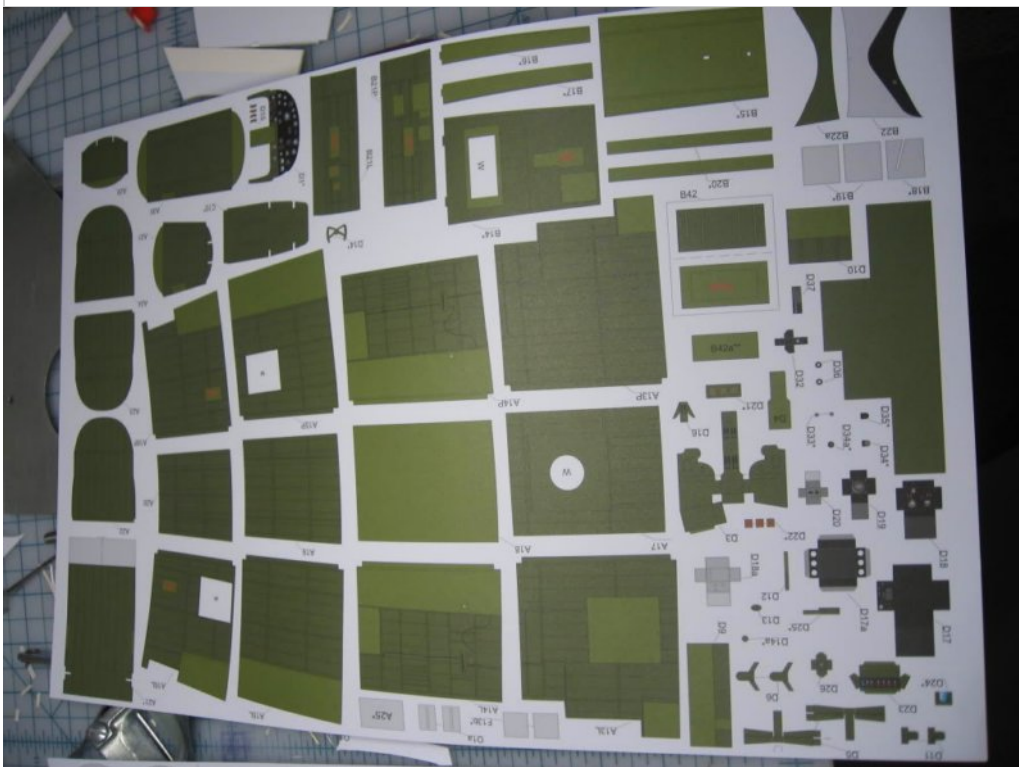
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



Orlik has designed this kit and included parts for making all the control surfaces movable. As a kid, I loved building the terrific 1/48th Monogram Navy plane kits with all their wing folding, landing gear retracting, bomb dropping fun. But moveable features now? Not so excited. However, I was going to go ahead and try to do it, just to show, if anything, how complex a card model can be. Already, I'm not getting a warm and fuzzy feeling. The cutouts in that rear spar don't line up with their respective marks. I'll wait and see how the actual flaps pieces line up, but at the first sign of things going South, I'll glue everything in place (in a jaunty action position of course).

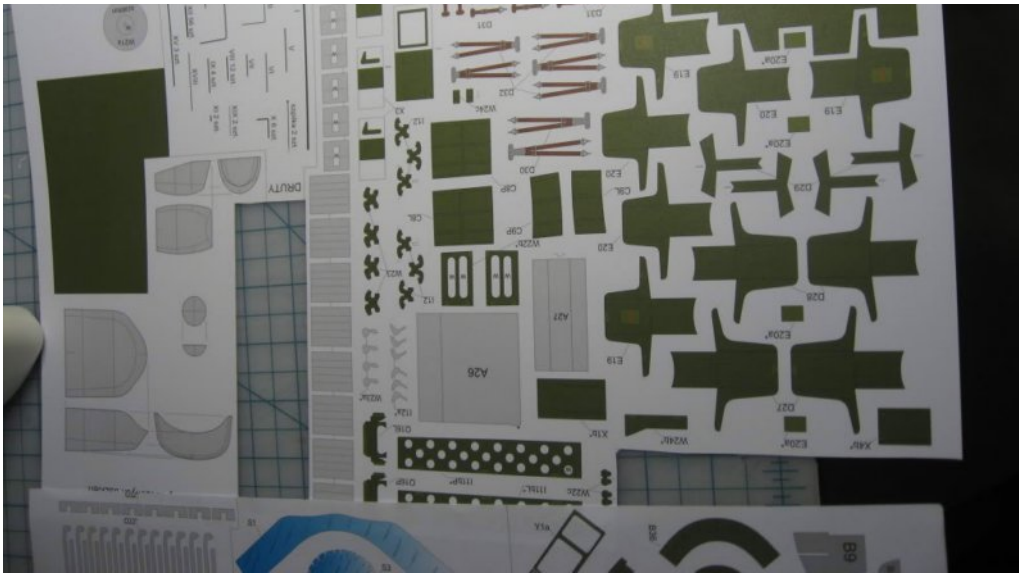
Peter, I haven't forgotten you. Here are the three (!) sheets of interior fuselage parts. Even though Orlik's in my doghouse right now, I didn't want to put them at the mercy of pirates, so I just shot these as is. Hope you can see all the cockpit stuff:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



The parts to the right of the middle shot are for twelve seats. Twelve!

This isn't a bomber, it's a jitney bus!

Mike

* We use to say in the Navy, when given a "fifty-fifty" question, i.e. right or left, on or off, up or down, etc., a sailor would have a 90% chance of getting it wrong.....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-19-2009, 07:04 PM

#253 (permalink) 




Bomarc
Member

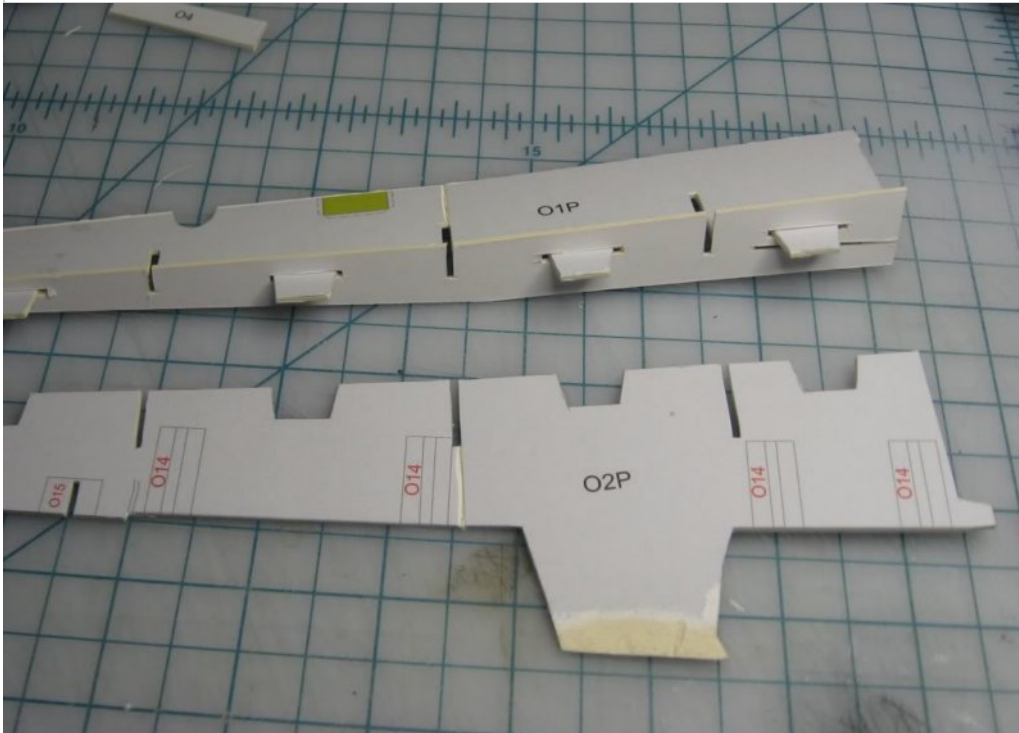
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Work on the wings continues with the formers for the right wing.


Since the Mitchell has a classic "gull wing" shape, Orlik uses the main spar to force the flat core pieces into submission and

take this shape. To ease the work of the spar, cut a "V" notch on the inside of the bend to relieve the compression of the cardboard:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x731.



Adding the last bits to the internals of the wing made be aware that I would have to taper the trailing edge of the wing assembly. For this I used yet another tool from my aging arsenal of leather crafter tools. Now I hesitate to bring this up, since it's not my intent to have everybody rush out and get some tool they might not ever really need, but I had this one handy, so on premise of an "informed modeler is a better modeler", behold the "Super Skiver" (I know, funny name):

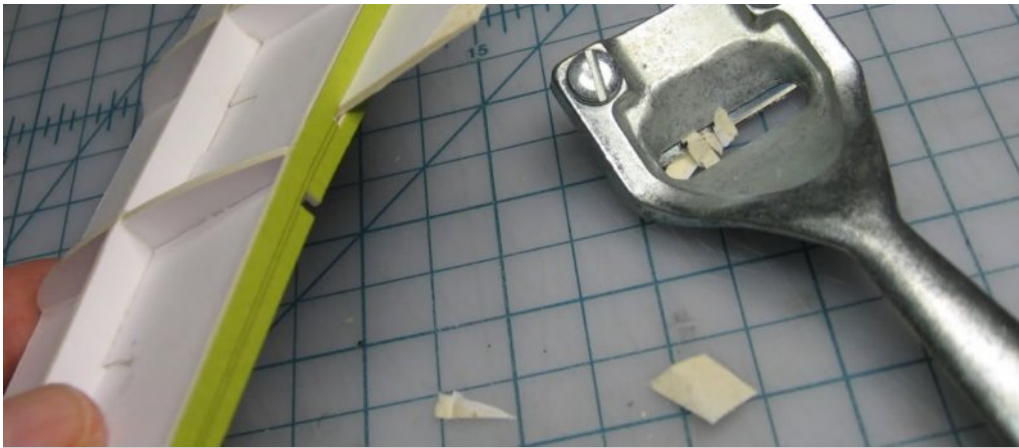
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.




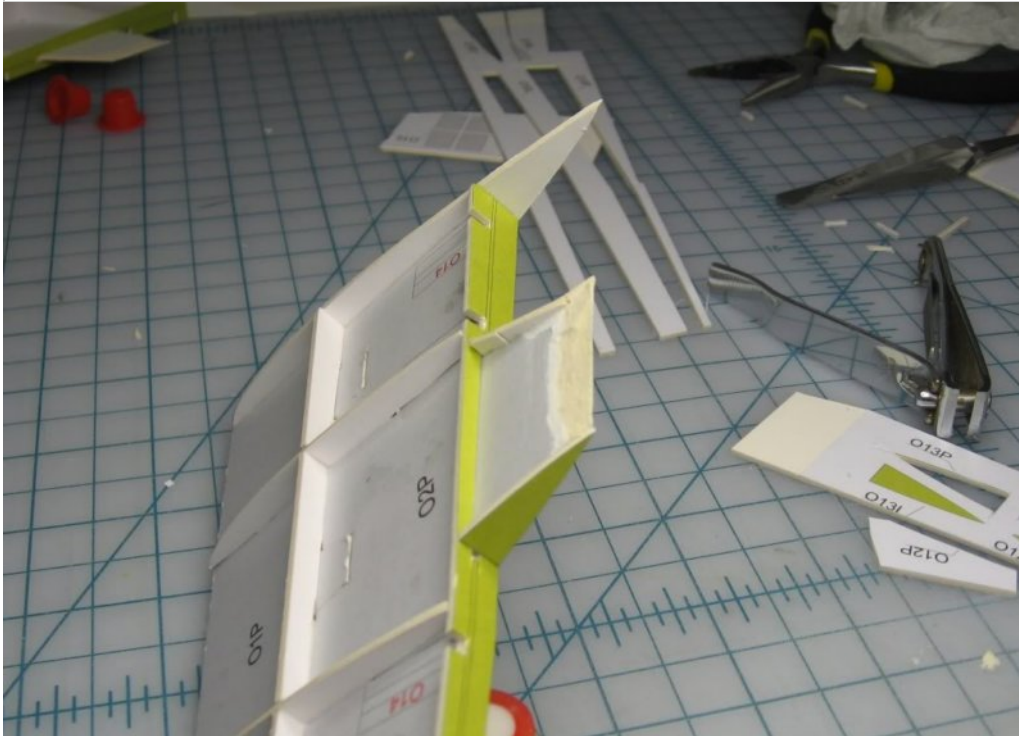
Basically, it's a handle with a straight edge razor blade sprung across its end. In leather craft, this tool was meant to shave layers off leather to reduce thickness. Works just as well on mat board:

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x719.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.



The blade is very sharp, so it's easy to gouge out too much. Just light shaving gets the job done. Tandy still carries it:

[Tandy Leather Factory - Super Skiver](#)

Some last bits on the formwork, then I think I can start skinning....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-19-2009, 07:16 PM



rickstef
Administrator


Mike,

all the leather tools you are showing are giving me the itch to restart leather carving

Rick

"Rock is Dead, Long Live Paper and Scissors"
[International Paper Model Convention Blog](#)
<http://paperdakar.blogspot.com/>
<http://picasaweb.google.com/rickstef>

#254 ([permalink](#)) 

Join Date: Jun 2007
Location: Wilmington Delaware
Posts: 1,903


"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo



09-19-2009, 07:24 PM

#255 (permalink)



dansls1
Aviation Moderator

Join Date: Jul 2007
Location: Mt. Prospect, IL
Posts: 2,890



I could use one of those in my kitchen for shaving parmesan and asiago cheese into my salads

Model is looking great!

-Dan

Remember that proceeds from sales at www.hobbyfactory.com are used to pay for Paper Modelers.com!!



09-19-2009, 07:39 PM

#256 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **rickstef**

Mike,

all the leather tools you are showing are giving me the itch to restart leather carving

Rick

Yeah, I kinda miss it too. In fact my wife has been pinging me to make her a checkbook cover. And that was what made me lose interest. How many wallets, checkbook covers, and purses can you make?

I still have one item I make those many years ago. This is a walnut box I made for myself in 1983, with a tooled leather top:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-19-2009, 08:44 PM

#257 ([permalink](#))

kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Just when you think you have seen all the possible tools for paper modeling!



09-19-2009, 10:09 PM

#258 ([permalink](#))



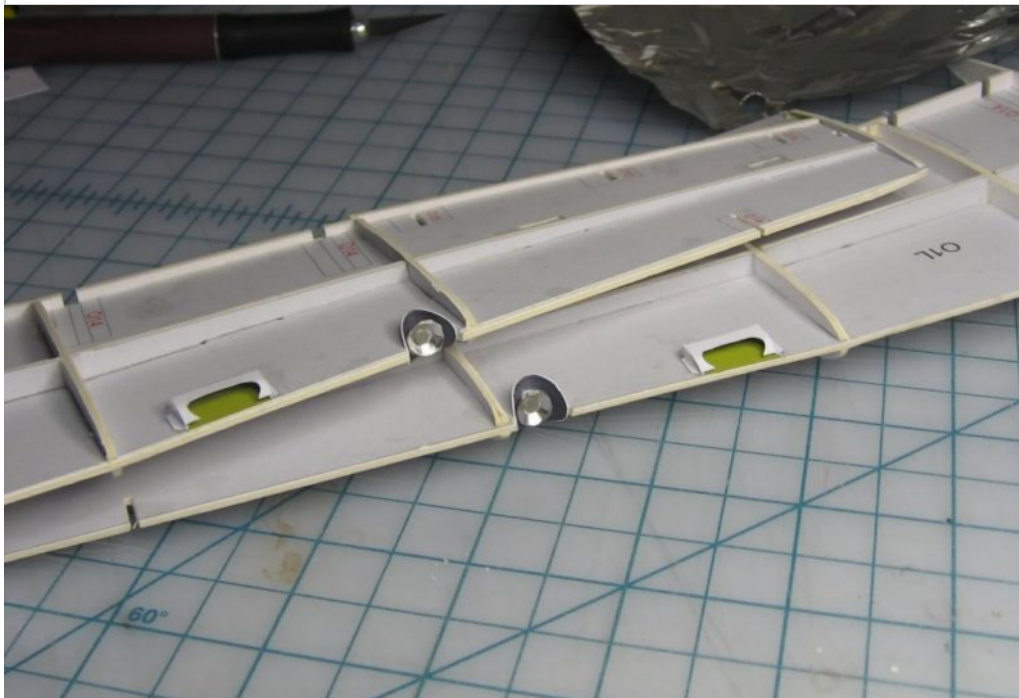
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Ken, the possibilities for new tools uses are almost endless (like this thread seems to be)...

Lot's of little bits to keep adding to these wing cores. Was hoping to start skinning tonight, but I don't think I'll get to the skins this weekend! We'll see. Added the oil coolers and landing lights. Adding some ordinary kitchen foil helps the illusion of sealed beam lights:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x693.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-20-2009, 01:28 AM

#259 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005



Hi Mike. Many thanks for showing the cockpit parts sheets - i didn't realize she had so many seats Looks a very nice cockpit to build The work is progressing at a nice steady pace and immaculate. That leather tooling work you have done is also brilliant - Another question for you my friend ! do you go into phone boxes... twirl around very fast and turn into SUPERMAN by any chance ?

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS



09-20-2009, 01:49 AM

#260 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 105

silently lurking and learning all i can to apply to future builds. Also because this thread addiction I have is cutting close to shameful

Ummm....is it possible to get a close up of beamlight area? The kitchen foil application is ingenious...

Will continue to follow while sipping Red Stripe Beer...

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



Post Reply

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
 You **may** post replies
 You **may** post attachments
 You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation

All times are GMT. The time now is 05:13 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
373 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 27 of 77 « First < 17 25 26 **27** 28 29 37 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-20-2009, 04:13 AM


#261 ([permalink](#)) 

Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

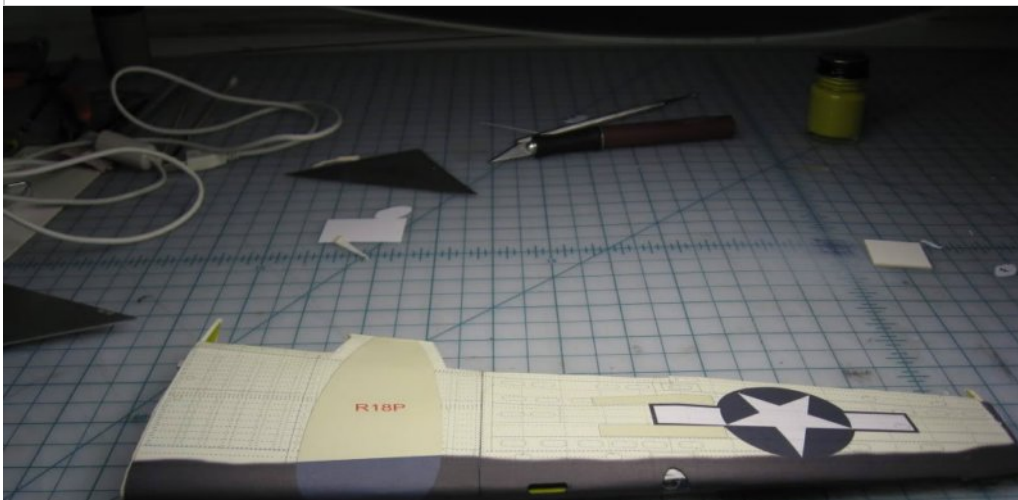
Well, there be wing in here....

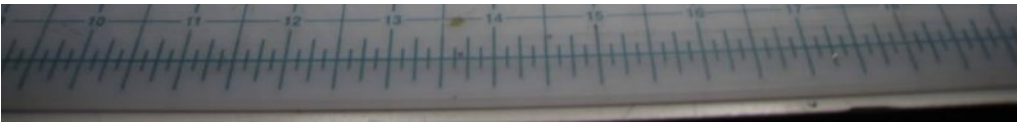
Right wing's mostly done. Just have to fashion the tip a little and make the radome:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

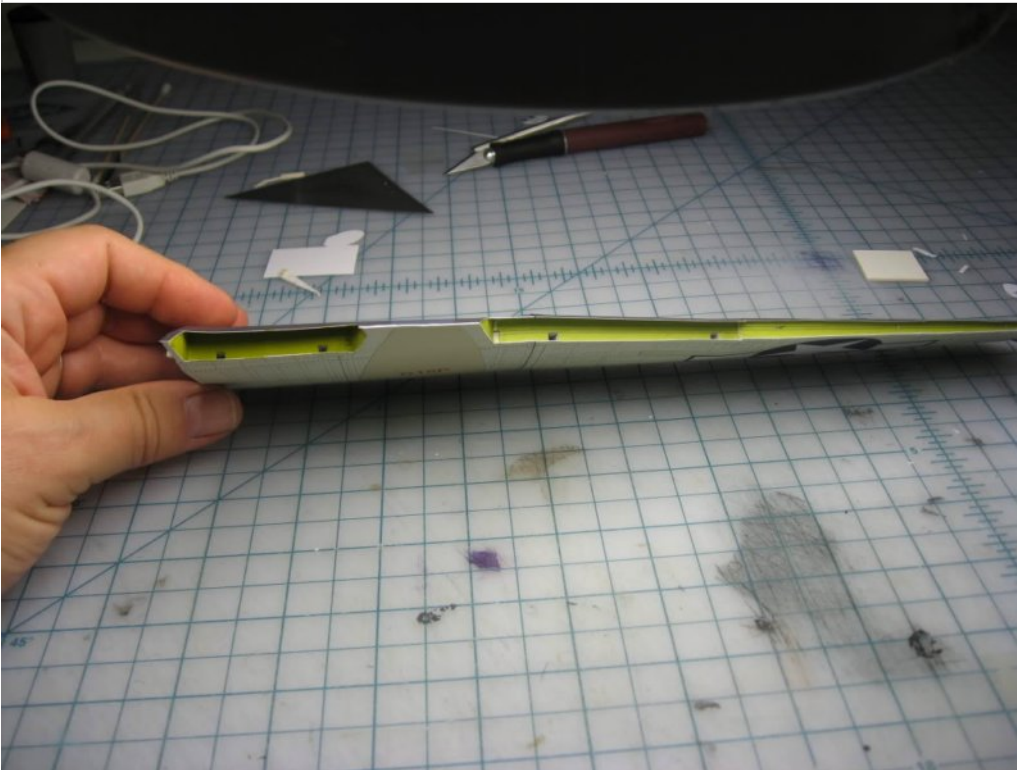


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Mostly everything lined up, including the cutouts for the landing light and oil cooler, go figure! Sorry 'Rasta', this is as good as my camera can get:

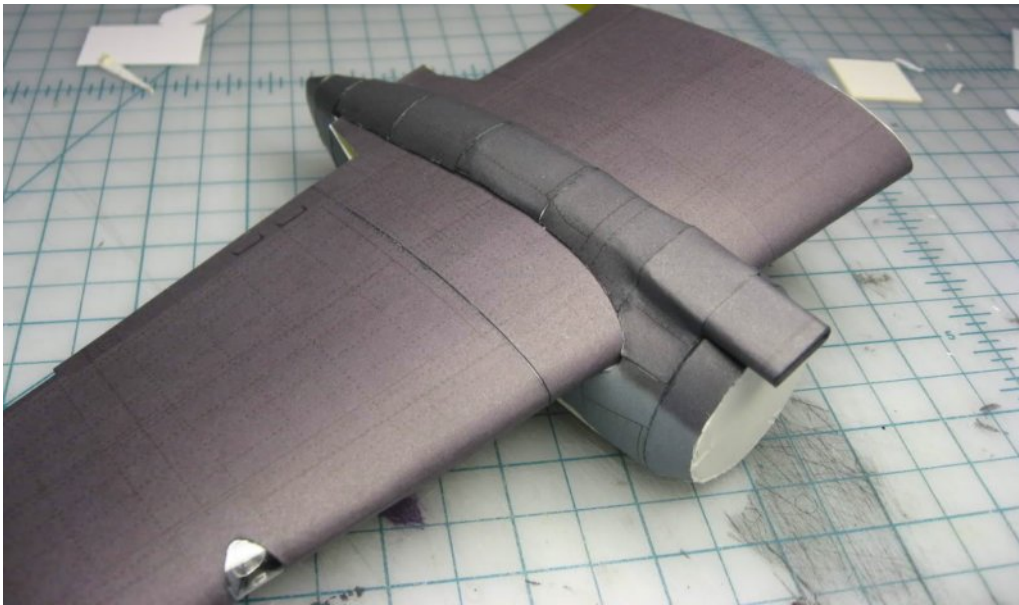
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x808.



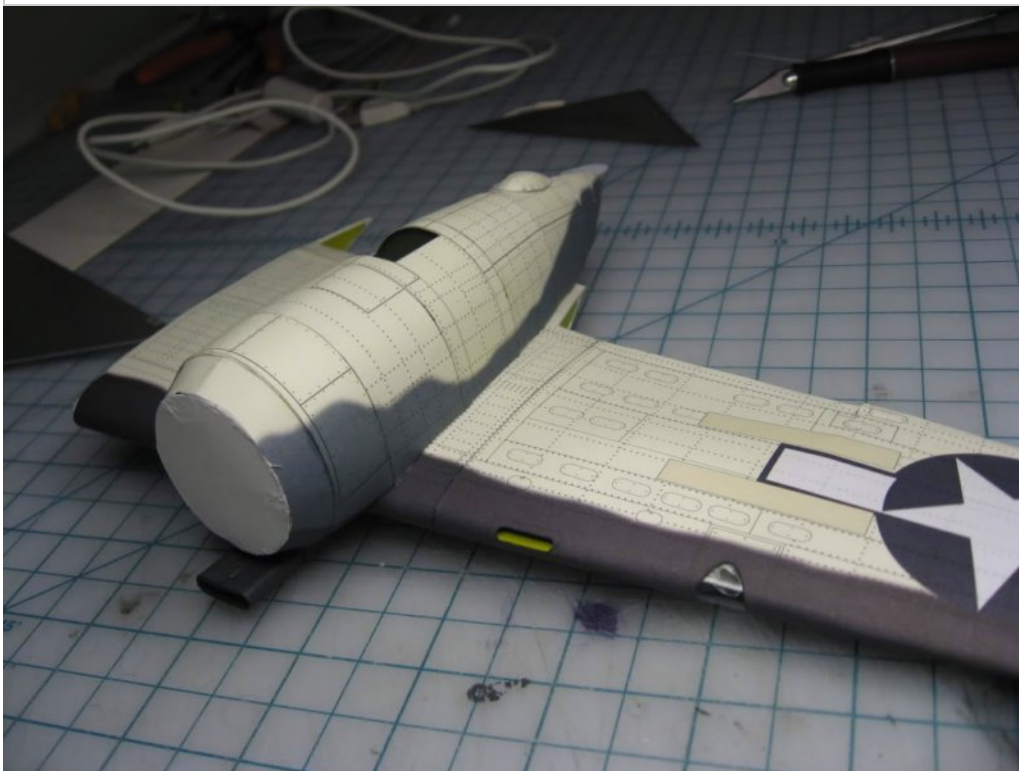
There was only a tad forcing of the lower outer panel to get the top and bottom trailing edges to align, which resulted in a slight deformation around the national insignia, but if that's the worse the other wing has to give me, I'll take it!

Oh and I'm sure you all were wonderingyes it does fit:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



BUT, the dark blues don't match!

Didn't see THAT one coming....sheesh. Not much I can do. I was planning to clear coat the whole at the end, maybe it will bring the colors closer together. Otherwise, I guess I can chalk it up to fading from the South Pacific sun.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



 09-20-2009, 04:45 AM

#262 ([permalink](#)) 



Don Boose 
Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,304

Well, if I was going to explain that color difference, Mike, here's what I'd say (you could speculate that my Dad, T/Sgt Don Boose, who was on Eniwetok waiting for the attack transport that would eventually land him on a beach on Okinawa three

months later, might have heard the story while having a beer with a Marine from VMB-613 on the beach):

During a mission to hit Wotje on 22 January 1945, ol' 8-Ball took a couple of minor hits to the starboard nacelle. They didn't have a lot of spares out there on Eniwetok back in those days, so they replaced the nacelle panels with some that they borrowed off of Number 12 (Fireball), which was a hangar queen at that time, and so for a while there, 8-Ball had a slightly different color blue on that nacelle from the color of the wing.

Here's a picture of Lieutenant Manning, standing in front of 8-ball after that mission (to learn more, so you can make up your own story, go to [Marine Bombing Squadron Six-Thirteen \(VMB-613\)](#)):

Attached Thumbnails



09-20-2009, 06:29 AM

#263 ([permalink](#))



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,234

Gee...and I was just gonna say faded paint

I'm not making it up as I go along, I'm establishing precedent



09-20-2009, 01:17 PM

#264 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Don Boose**

Here's a picture of Lieutenant Manning, standing in front of 8-ball after that mission (to learn more, so you can make up your own story, go to [Marine Bombing Squadron Six-Thirteen \(VMB-613\)](#)):

Thank you SO much for pointing me to that site Don! "YOU da' man" (as they say). I had been meaning to try and find some background on "8-Ball", the subject of this PBJ kit, but got so wrapped up in build, I kept putting it off. I'm really interested in finding a complete shot of "8-Ball" to see if does in fact have her upper turret removed as depicted in the kit. It was a conscience move on Orlik's part to do that, as they included a complete upper turret in their B-25J, and could have easily included it in the PBJ. Orlik seems to do their homework much in the way boy would like to do his: Quick and dirty without anyone checking.....

Seeing that they already missed the "8-Ball" on the nose gear wheel hub (great shot, and it looks like I'm gonna do some scratch buildin'), I would lay even money I'll need an upper turret.

Also, thanks for the "cover story" on the mismatched paint....I'll keep that one under advisement...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



09-20-2009, 02:47 PM

#265 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Mike -- You can imagine how much I enjoyed working up that story.

I don't want to divert the thread, and you may have already worked through the photos at the VMB-613 site, but just in case, I can assure you that none of the squadron's aircraft had upper turrents. The photos below show 8-Ball (S/N 43-4687: the aircraft nearest the camera in this April 1945

flight line shot [http://www.vmb613.com/april_1945.htm], the crew [http://www.vmb613.com/officers_and_men3.htm], and the squadron mascot, "Yokohama" Incidentally, by April 1945, many of the aircraft had had the pretty blue paint stripped off and were flying in rather shabby natural aluminum.

Manning, was the co-pilot. The entire crew of 8-Ball consisted of: Lieutenant Colonel George W. Nevils, First Lieutenant Francis S. Manning, First Lieutenant John W. Merritt, Technical Sergeant Alex Ohlson Jr., Staff Sergeant Allen R. Protheroe, Staff Sergeant William S. Semple, and Technical Sergeant Selwyn J. Renfeld.

[Photograph: U.S. Marine Corps, Clell Q. Thorpe Collection (Courtesy of the University of Houston Libraries)]

The last photo is of some VMB-613 pilots on Eniwetok in February 1945 posing in front of 8-Ball [http://www.vmb613.com/february_1945.htm]: "Seven VMB-613 pilots pause for a group photograph on Eniwetok in early February of 1945. The pilots are Front Row (L-R): First Lieutenant Wayne A. Youngren, First Lieutenant Robert E. Love, and First Lieutenant Francis S. Manning; Back Row (L-R) First Lieutenant Robert W. Jackson, First Lieutenant John "R" Riblet, First Lieutenant Richard D. Newton, and First Lieutenant Tom H. Houston. [Photograph: U.S. Marine Corps, David Snider Collection (Courtesy of the Manning Brothers)]"

Cheers! Semper Fi! and Keep 'em Flying!

Don

Attached Thumbnails



09-20-2009, 04:21 PM

#266 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

I said it before Don, and I'll say it here, you can "hijack" any thread of mine anytime. But your above couple of posts are most definitely germane to this build and I thank you for it. You saved me some building time, and made me realize Orlik deserves a lot more credit than what I've been giving them, at least in the historical department.

It's their printers I have a beef with now.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-20-2009, 06:19 PM

#267 ([permalink](#))



Bomarc
Member

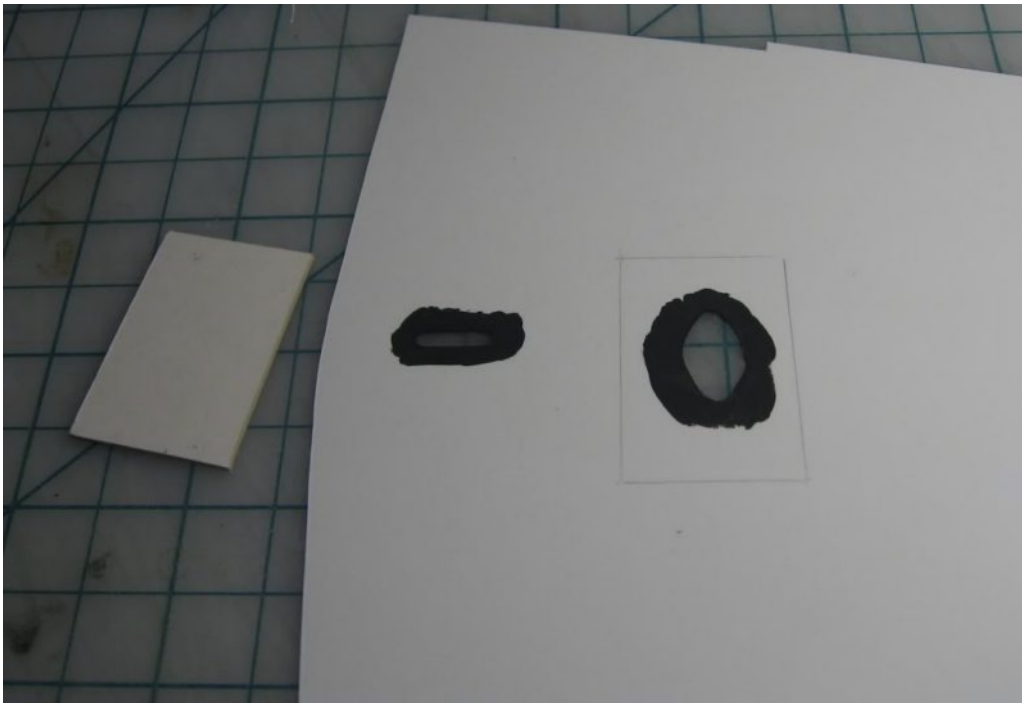
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

OK, before I get on with skinning the left wing, I have a little technique to share, BUT I'm only gonna do this once (mainly because I only have the one other wing to do).


Let's make a landing light cover!

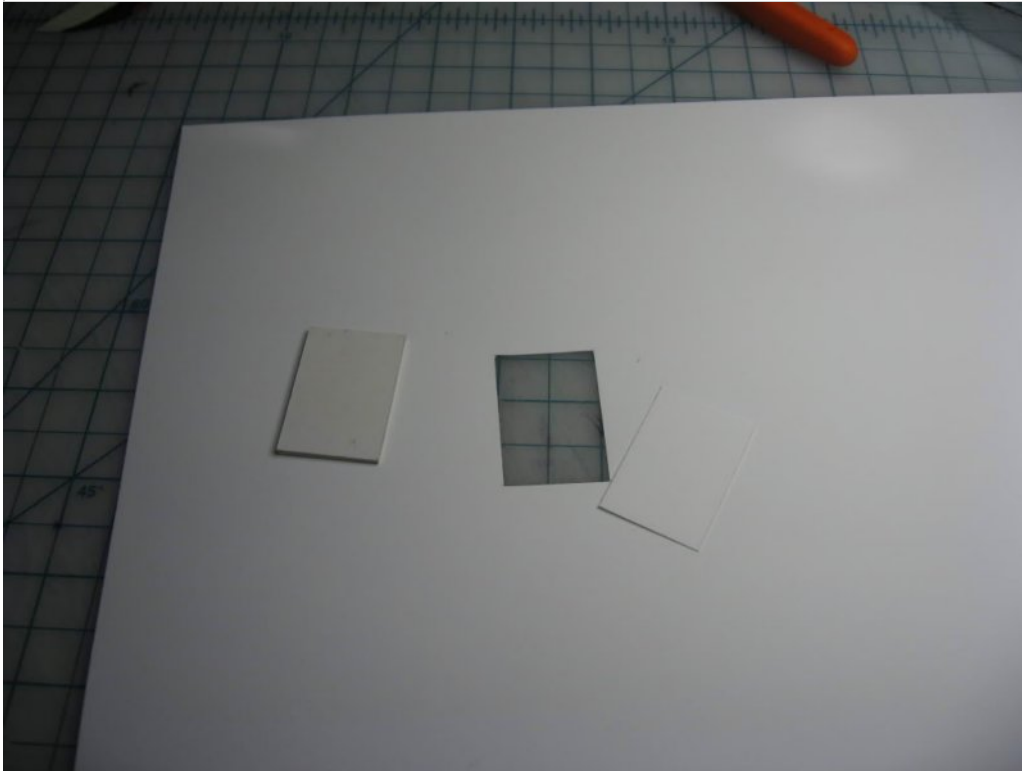
Cut out a little rectangle from mat board. This will be the standard where by all parts center around for this exercise. Using the rectangle, *lightly* (no embossing the outside now) trace lines around the LL opening:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x697.




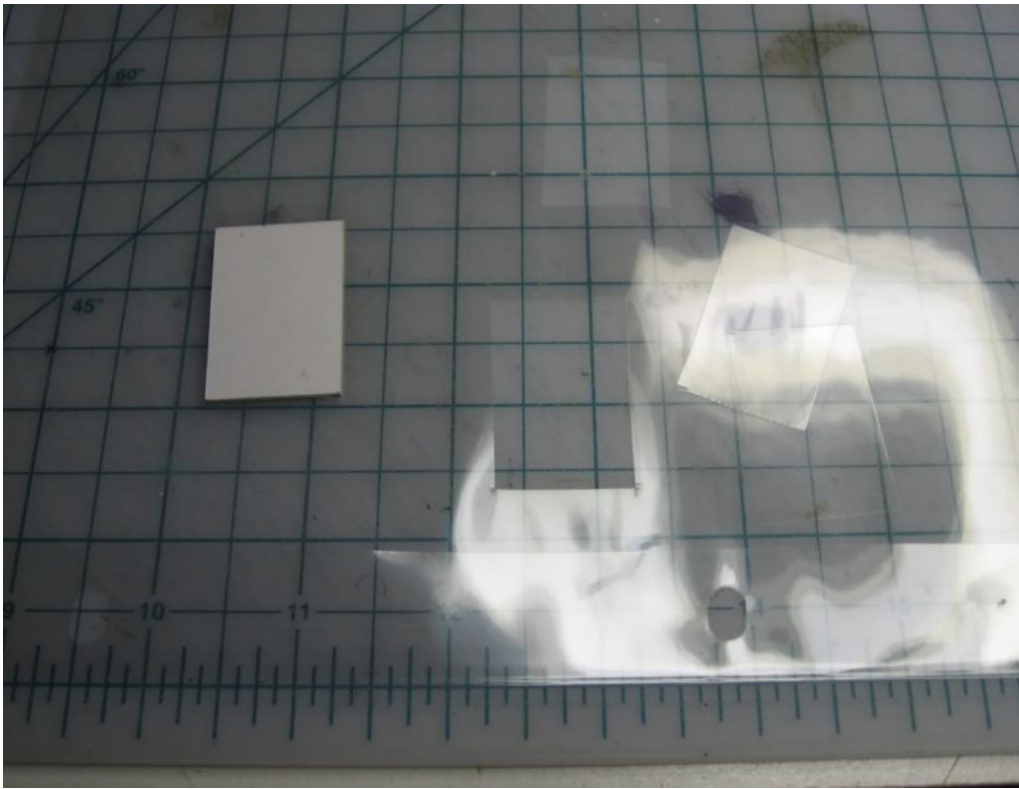
Then use it to cut a hole in a piece of 65lb card:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




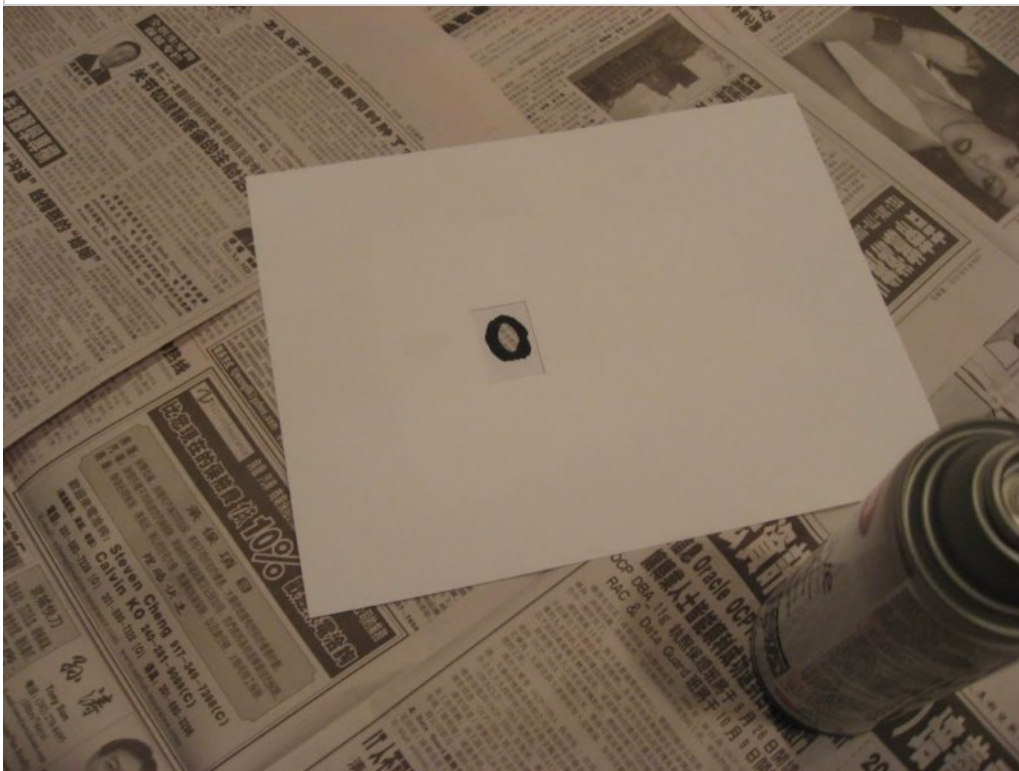
Lastly, cut the actual "cover" material from an ordinary office supple type 3-ring binder page protector:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x783.




That little piece of cardboard is getting to be like the obelisk in the movie "2001"...it's everywhere! Using the card stock as a mask, squirt some spray adhesive (I'm using Krylon):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




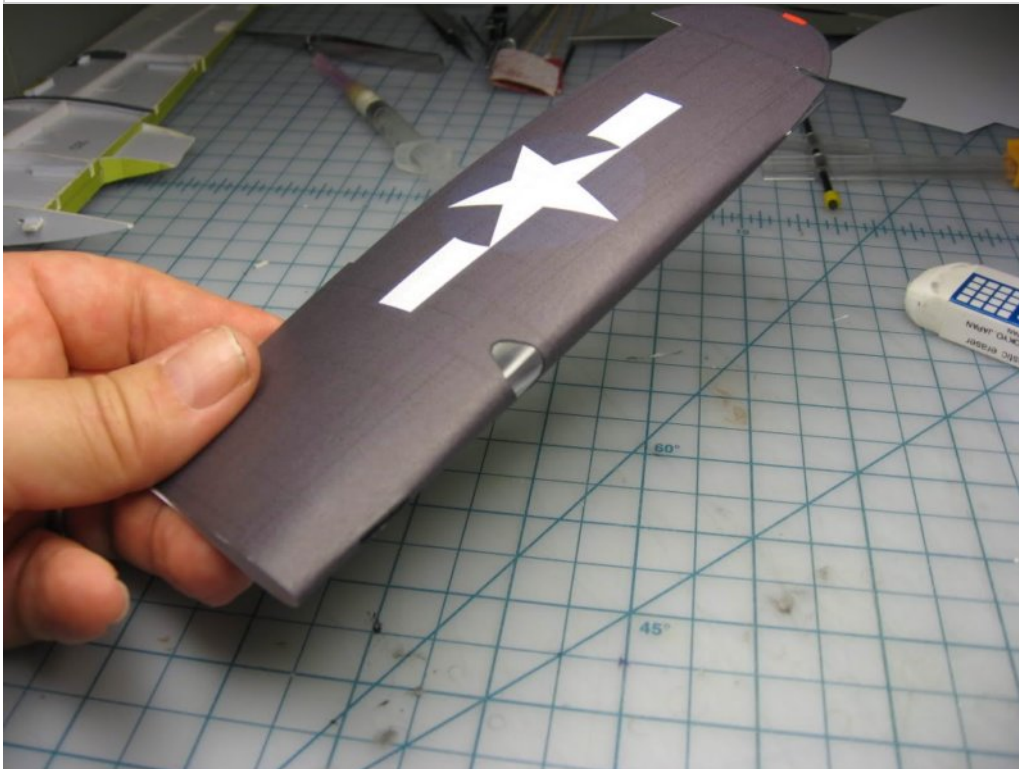
Now if the area of glue isn't already apparent, use the pencil lines traced in step one to locate and lay down the cover. You can use a white eraser to clean up excess glue around the edge:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x743.



While the spray glue is still tacky, make the leading edge fold in the part, and work out any crinkle that may pop up in the plastic by burnishing it down on the backside if needed (it wasn't on this one):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Instant Landing Light Cover....*"ask for it by name"*.

Are we having fun yet? 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Brilliant! This is such a great technique thread!

Ron S.



09-20-2009, 07:52 PM

#269 ([permalink](#))



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

Great tip Mike - it has so many uses too.

The proceeds from sales at www.hobbyfactory.com support this forum!!



09-21-2009, 12:35 PM

#270 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

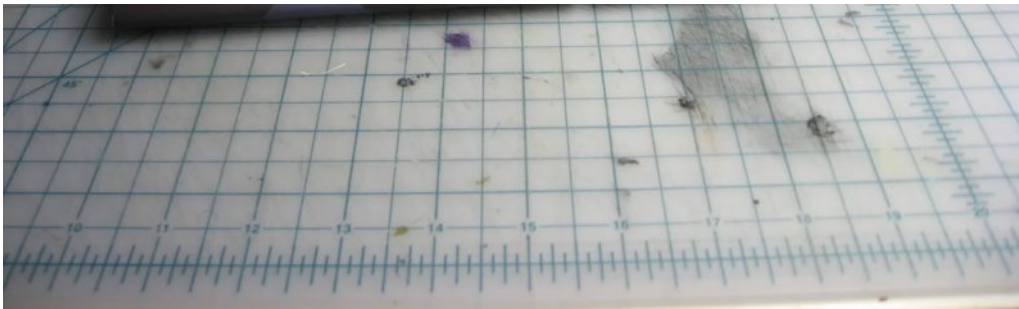
Left wing has been skinned. Here's the last panel before gluing on. I just wanted to preserve an image of the cool structure underneath before it's closed off from view for good:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



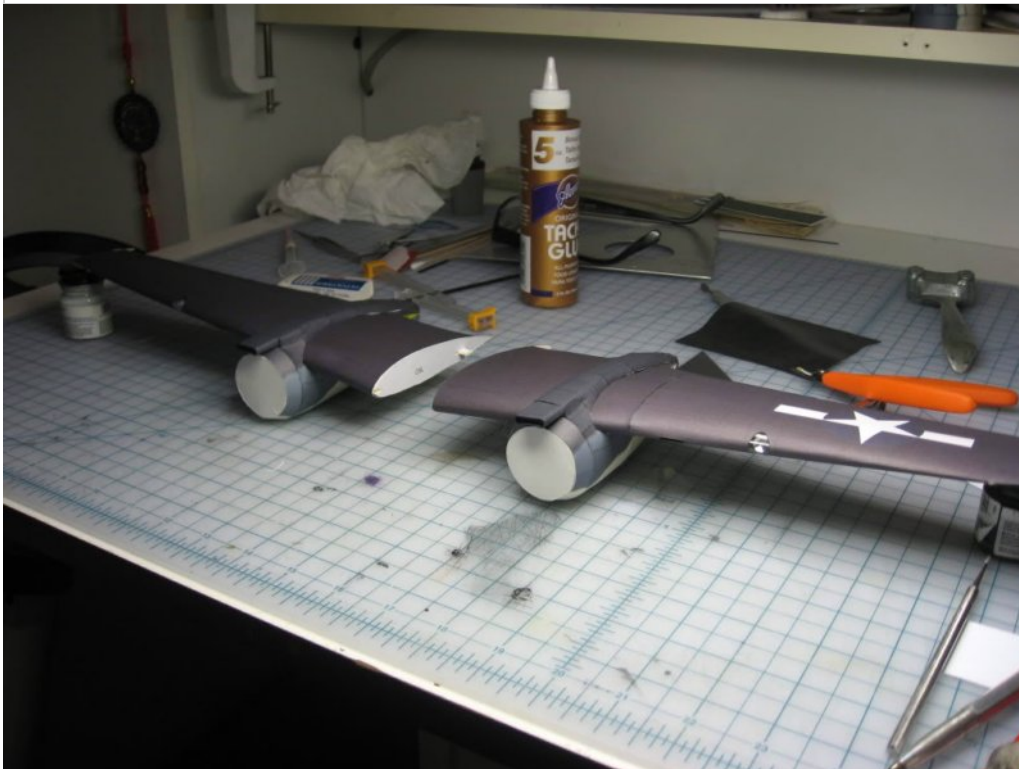


⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



The left nacelle fits too, happy days! I must be making progress; I have to keep holding the camera farther and farther away to take a picture:

⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Next few days will be finessing the wingtips, then mounting the nacelles for good.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation ▼

All times are GMT. The time now is 05:14 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
374 **Unread Posts** since your last visit.
You last visited: 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 28 of 77 [« First](#) [<](#) [18](#) [26](#) [27](#) **28** [29](#) [30](#) [38](#) [>](#) [Last](#) [»](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

09-21-2009, 01:06 PM

#271 [\(permalink\)](#)



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Looking good but it's definitely not a Corsair!

Ron S.



09-21-2009, 01:23 PM

#272 [\(permalink\)](#)



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Fine work (and fast!) on the wings.
Question - how those wings are going to be mounted to the fuselage?
I don't see any openings in the formers which suggest no reinforcing spar across the fuselage connecting and assuring correct position of both wings...

Michael Krol
[www.gremirmodels.com](#)



09-21-2009, 02:30 PM

#273 [\(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [OldTroll](#)
Looking good but it's definitely not a Corsair!

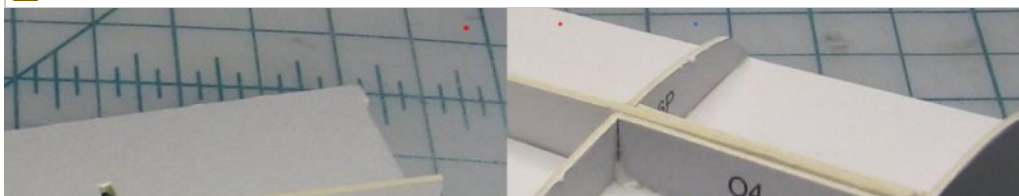
What?! NOW you tell me.....well at least it's blue.

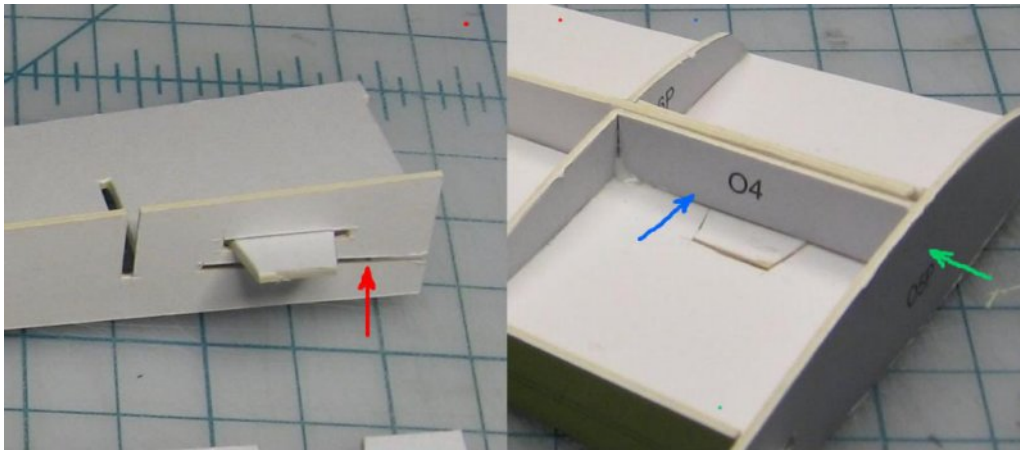
Quote:

Originally Posted by [GreMir](#)
Question - how those wings are going to be mounted to the fuselage? I don't see any openings in the formers which suggest no reinforcing spar across the fuselage connecting and assuring correct position of both wings...

Mike, Orlik has the builder fashion a metal rod that runs through the fuselage to both wings. I doctored a couple of previous pics to illustrate how the rod attaches to the wings:

This image has been resized. Click this bar to view the full image. The original image is sized 1022x444.





The slot in the spar (red arrow) is where the rod rests in the wing. Either side of that is closed off by pieces O4 (blue). Then through the last rib a hole is drilled (green). Even though it's marked on the rib, I spotted where the hole will need to be base on the final assembly before closing everything up. I'll drill a slightly larger hole as Orlik specifies around a 1mm rod, and I plan on using 1/16" piano wire.

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-21-2009 at 02:52 PM.



09-21-2009, 05:19 PM

kenwest
Member

#274 ([permalink](#))
Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Shaping up to be a classic! Wing wraps look great. Can't wait to see it sitting on its gear, with engines and props!

Ken



09-21-2009, 06:14 PM



GreMir
Member

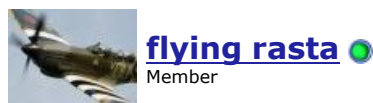
#275 ([permalink](#))
Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,
Thanks for the info.
This is fairly popular way to mount the tail, but I didn't see it used for wings in any of the kits - will be interesting to see how it works.
You might want to consider (if it's not included in the kit already) something within the fuselage for the wire to rest on to minimize stress on fuselage skins...

Michael Krol
www.gremirmodels.com



09-21-2009, 06:17 PM



flying rasta
Member

#276 ([permalink](#))
Join Date: Aug 2009
Posts: 105

Ooooo.....sitting on landing gearengine and props.....my precious..(gullom squealed).
Seriously still....how will the seams/faring between the engine nacelles and wing be treated?..
Now going back to work...will check in again shortly.
to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



09-21-2009, 06:27 PM





Bomarc
Member

#277 ([permalink](#))
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [flying rasta](#)
Ooooo.....sitting on landing gearengine and props.....my precious..(gullom squealed).

(In Scottish brogue) Laddie, I worry 'bout you sometimes.....

Quote:

Originally Posted by [flying rasta](#)
Seriously still....how will the seams/faring between the engine nacelles and wing be treated?....

I'm noodling that through as I write this. I have some ideas.....

We'll see how it goes!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#) Moderator
here: <http://p51sig.ipbfree.com/index.php>



09-22-2009, 05:45 PM

#278 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 105

just being outlandish here...is it possible to build model with engine access panel open?..still bemoaning the fact that those engine wont be fully seen to be appreciated for what they are....model themselves.

to buy...or not to buy...damn you MAREK....damn you!!.....ummm....can you make one more 1:50??



09-22-2009, 06:49 PM

#279 ([permalink](#))



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,304

Missed a couple of days of this thread. Great progress, Mike! The disembodied wings and nacelles look great -- and somewhat mysterious.

Don



09-23-2009, 12:52 AM

#280 ([permalink](#))



dansls1
Aviation Moderator

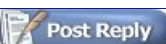
Join Date: Jul 2007
Location: Mt. Prospect, IL
Posts: 2,890



Continuing to be a world-class build!

-Dan

Remember that proceeds from sales at www.hobbyfactory.com are used to pay for Paper Modelers.com!!



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
374 [Unread Posts](#) since your last visit.
You last visited: 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 29 of 77 « First < 19 27 28 **29** 30 31 39 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-23-2009, 02:12 AM

#281 ([permalink](#)) 

[peter taft](#) 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005



Astonished by every cut, fold and glue you make Mike - again, my day becomes better for a visit here 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere



09-23-2009, 03:16 AM

#282 ([permalink](#)) 

[Bomarc](#) 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks gentlemen, always appreciated!


Just a teeny tiny update tonight. Not much gets done on "school nights", if you know what I mean (and I think you do).

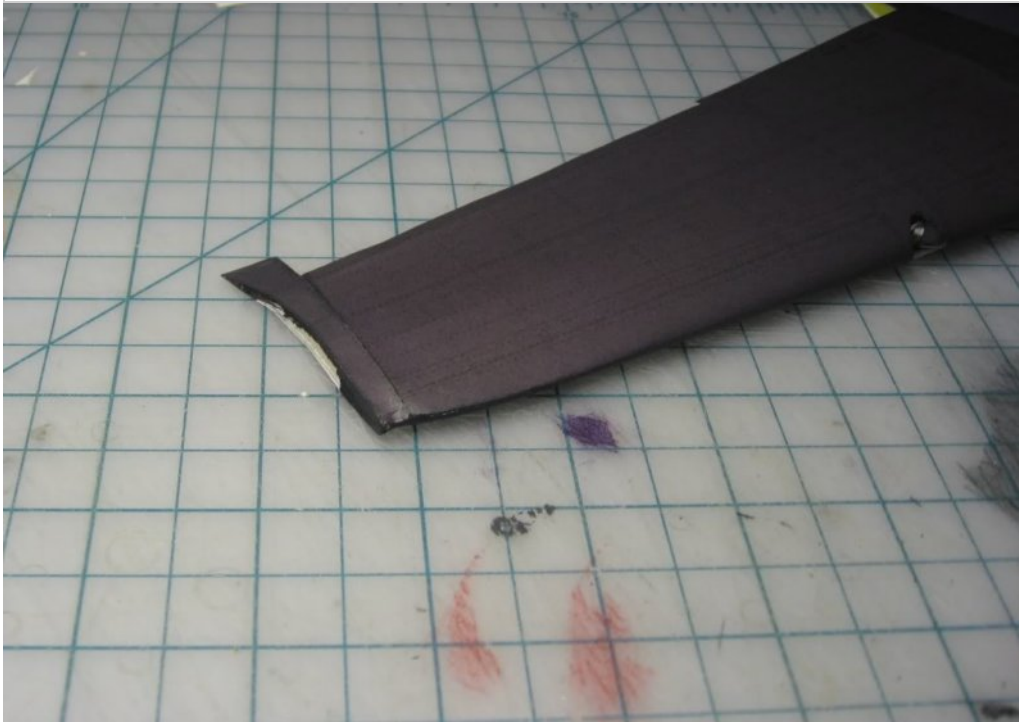
Work on the radar pod commenced. For the actual front radome, Orlik uses the pedal method, what I like to call the "Jughead Smith" hat method (for any of you Archie comic readers out there). I'm jettisoning that for a card stack/dremel tool deal:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x785.




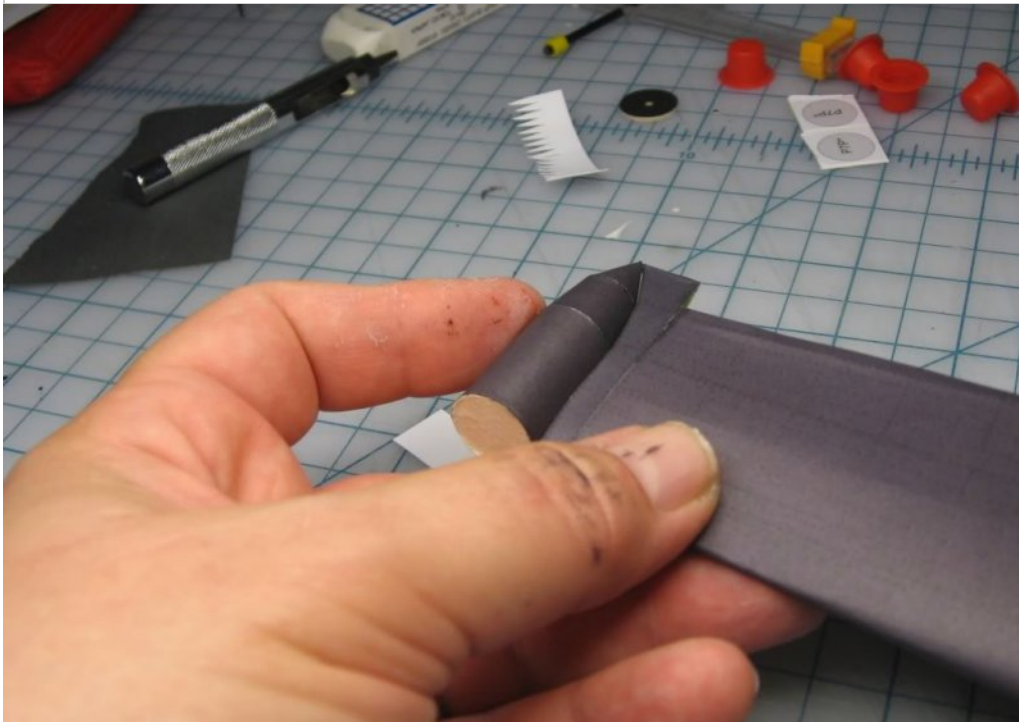
Wingtips are worked over as well. The right, with radar pod mount:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.




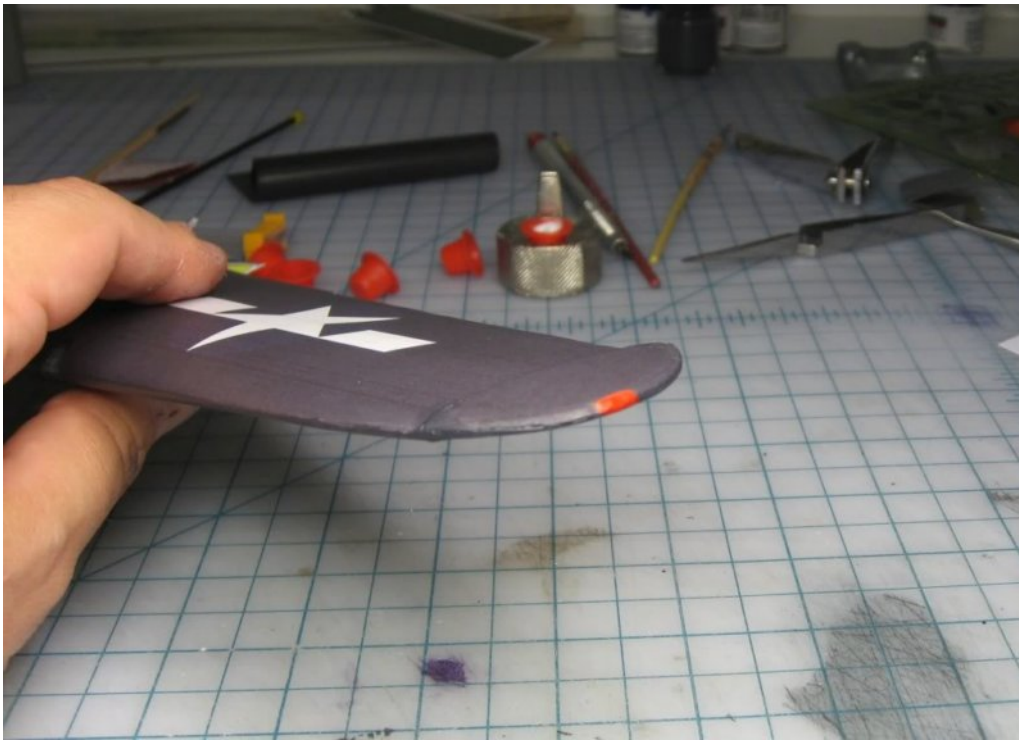
Pod fits OK. Can't glue it in place until the engine nacelle is mounted (won't slide over the pod):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721.




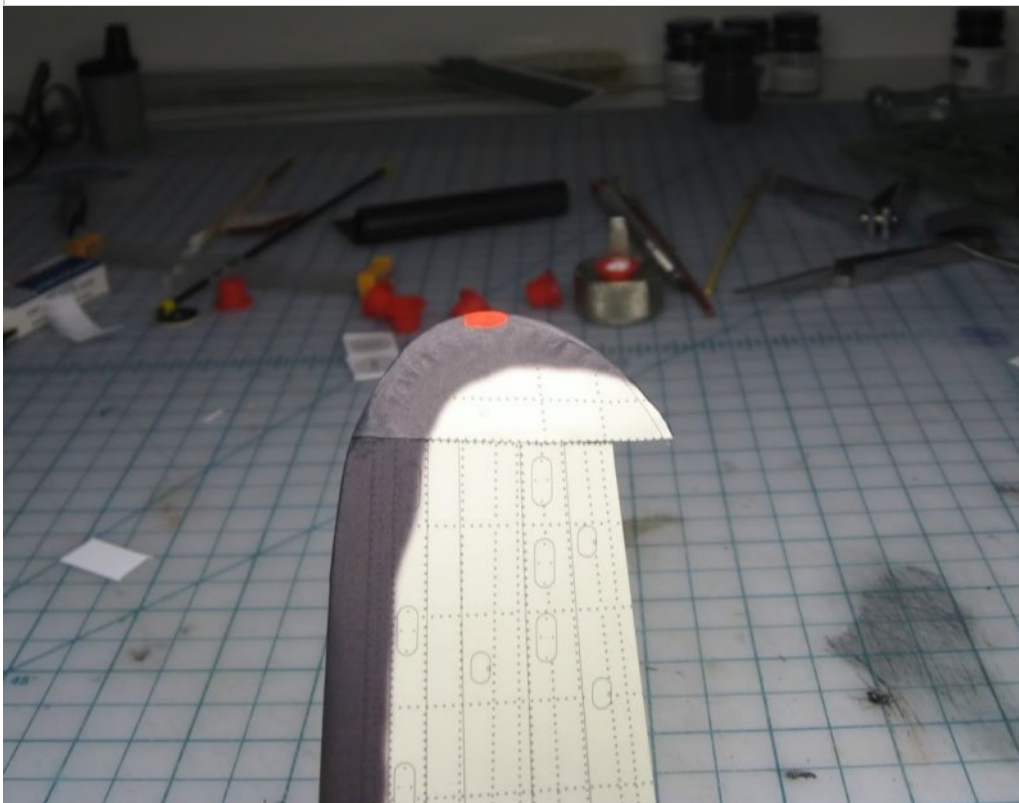
Right wingtip:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.



Wow! Gen-you-ine "oil canning" around the lower tip, just like on the real deal:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x798.



I planned that....yeah , that's the ticket!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





flying rasta
Member

Join Date: Aug 2009
Posts: 105

Good lord! The camo scheme actually sync!....save for the slight difference in shade..

Niiiiiiice.....

Ummm....say..isn't there suppose to be a green nav. Light on the left wing somewhere..I may have missed it.

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



09-23-2009, 01:12 PM

#284 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **flying rasta**
Ummm....say..isn't there suppose to be a green nav. Light on the left wing somewhere..I may have missed it.

Don't know. Maybe they deleted the green light when they modified the tip to accept the radar. Have to look that up....hmmmmmmmmmm.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-23-2009, 01:34 PM

#285 (permalink)



jagolden01
Member

Join Date: Jan 2008
Posts: 503

Quote:

Originally Posted by **Bomarc**
Work on the radar pod commenced. For the actual front radome, Orlik uses the pedal method, what I like to call the "Jughead Smith" hat method (for any of you Archie comic readers out there).

Excuse my ignorance here, oil-canning?

Build is simply a pleasure to visit every time there's a new post.

Archie comics?! - Heck, I live in Haverhill, MA, the birthplace of Archie andrews and pals. Can't believe he picked Veronica over Betty. Think he'll change his mind before marrying her, though.



09-23-2009, 01:56 PM

#286 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **jagolden01**
Excuse my ignorance here, oil-canning?

"Oil-canning" is what some folks call the uneven, almost wrinkled look aircraft skins can have due to the forces imposed on them from rivet stresses or loads applied causing deformations. I think the term stems from "back in the day" when motor oil came in cans, and always looked wrinkled.

Here's a shot of a real B-25 wingtip I found on a Flickr site posted (taken?) by "dumbyellowdog" ([link](#)). Note the lumpy

appearance around the lines of rivets when viewed close up:

The "oil-canning" in my wingtip came from me working the edges of the paper pretty hard. Unintentional, but I liked the effect.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



09-23-2009, 01:59 PM

#287 ([permalink](#))



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,234

Oil-canning, is both visible the distortion of aluminum skin between supporting frame members, and the rather distinctive noise the skin makes under changing stresses.
Makes kind of a "TONKA TONKA" noise as you taxi over rough surfaces or hit turbulence.

I'm not making it up as I go along, I'm establishing precedent



09-23-2009, 02:11 PM

#288 ([permalink](#))



jagolden01
Member

Join Date: Jan 2008
Posts: 503

Mike, shrike, thanks. The effect does look fine!



09-23-2009, 09:00 PM

#289 ([permalink](#))

kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

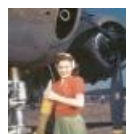
I think you nailed the oil-canning very effectively. I don't ever recall seeing this in a plastic model. That's what I like about paper - more realistic looking.

Ken



09-24-2009, 01:06 PM

#290 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [kenlwest](#)
I think you nailed the oil-canning very effectively. I don't ever recall seeing this in a plastic model....

Ken, I guess you haven't seen this guy in action:

[Stressed Skin Effect for Model Aircraft by Klaus Herold](#)

Lots of work to get there, but the effect is pretty neat. And just to be clear, the "oil canning" that resulted in my paper wingtip was purely a happy accident, the result of me working the paper too hard. 😊

Mike

"Please to continue....."

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
374 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 30 of 77 [« First](#) [<](#) [20](#) [28](#) [29](#) **30** [31](#) [32](#) [40](#) [>](#) [Last »](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

09-24-2009, 01:21 PM

#291 ([permalink](#))



[peter taft](#)
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Quote:

Originally Posted by [Bomarc](#)
Ken, I guess you haven't seen this guy in action:

[Stressed Skin Effect for Model Aircraft by Klaus Herold](#)

Lots of work to get there, but the effect is pretty neat. And just to be clear, the "oil canning" that resulted in my paper wingtip was purely a happy accident, the result of me working the paper too hard. 😊

Mike

That's remarkable work he showed, but i think if i were to try that, it wouldn't only be the model getting a STRESSED effect {mine certainly wouldn't be an EFFECT 😊 }

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)

09-24-2009, 01:26 PM

#292 ([permalink](#))



[flying rasta](#)
Member

Join Date: Aug 2009
Posts: 105

Damn it mike!..... more pics man.... more pics... be humane about it.... what will you do next?

sorry..just getting ahead of myself....

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

[Quote](#)

09-24-2009, 02:52 PM

#293 ([permalink](#))



[Wyvern](#)
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Bomarc, this build continues to take my breath away.

Is there a tutorial somewhere on the site for using this rotary-tool method of rolling/forming rounded parts? I am not fond of flower-petal rounded surfaces.

Wyvern

[Quote](#)

09-25-2009, 01:15 AM

#294 ([permalink](#))



[Bomarc](#)
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457


OK, making progress on the left wing. Not done, but progress.

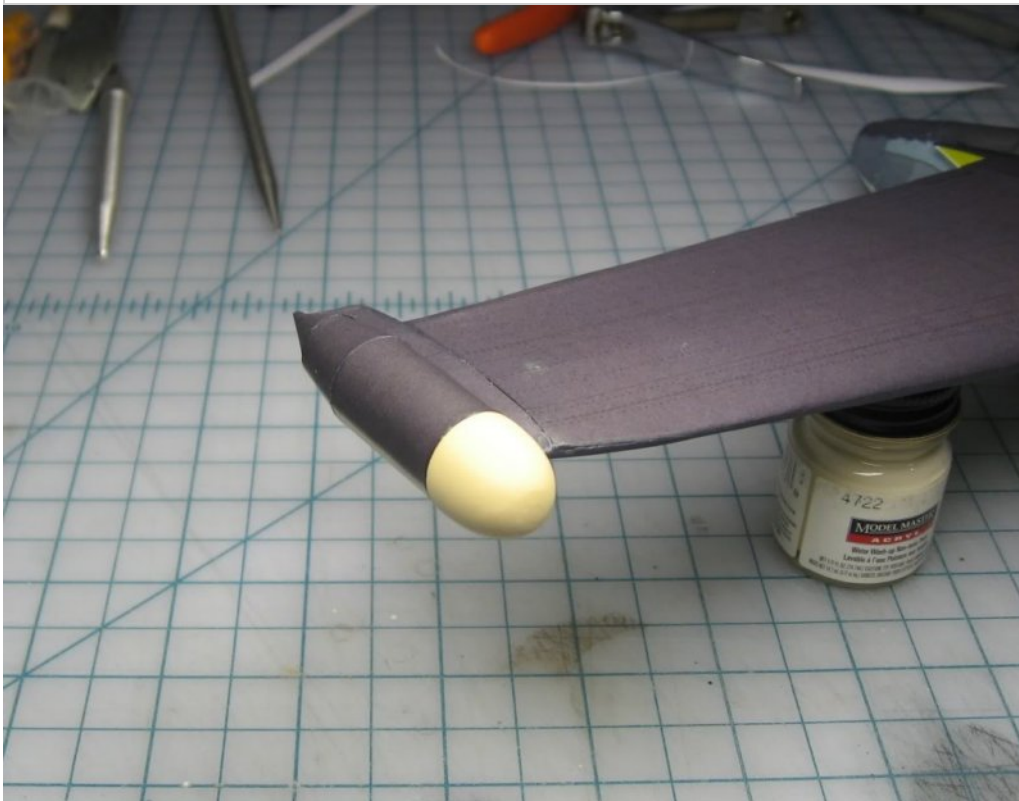
First thing, glued the nacelle to the wing. Ran a fillet of Aleene's glue around the edges. That should keep it in place:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Next, shaped and painted the radome nose, attached it to the "pod", and mounted the whole deal on the wing. Painted the nose a color called "Radome Tan" (Orlik's part was white). Seemed like a natural choice, I don't know:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x801.

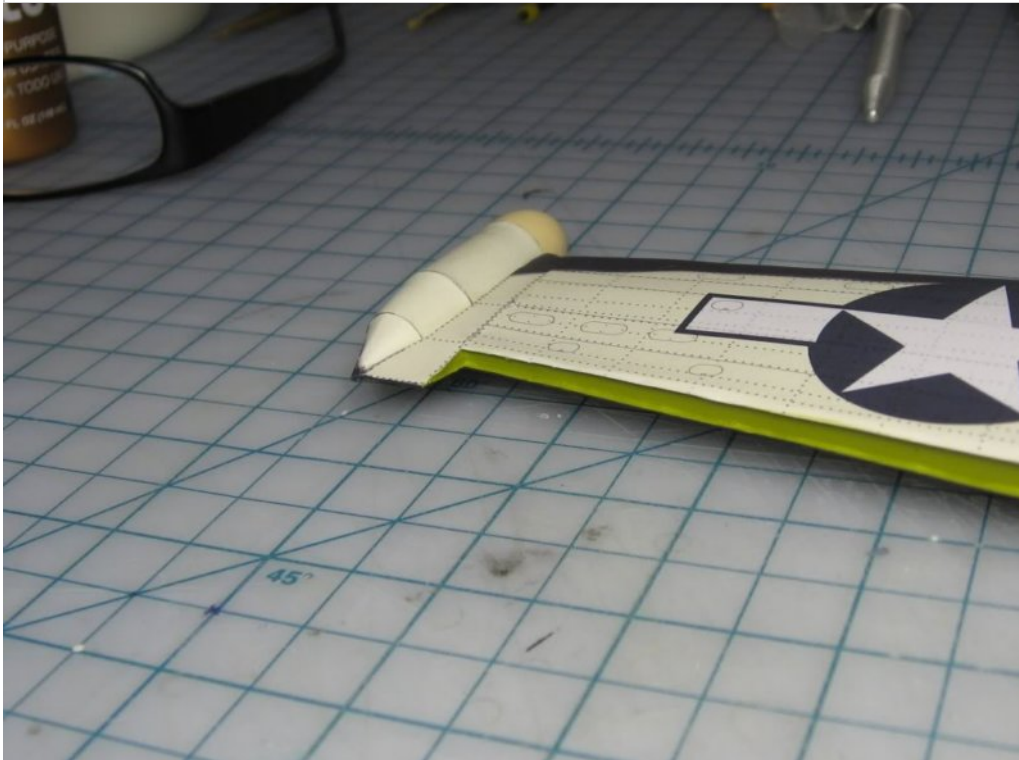


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x780.





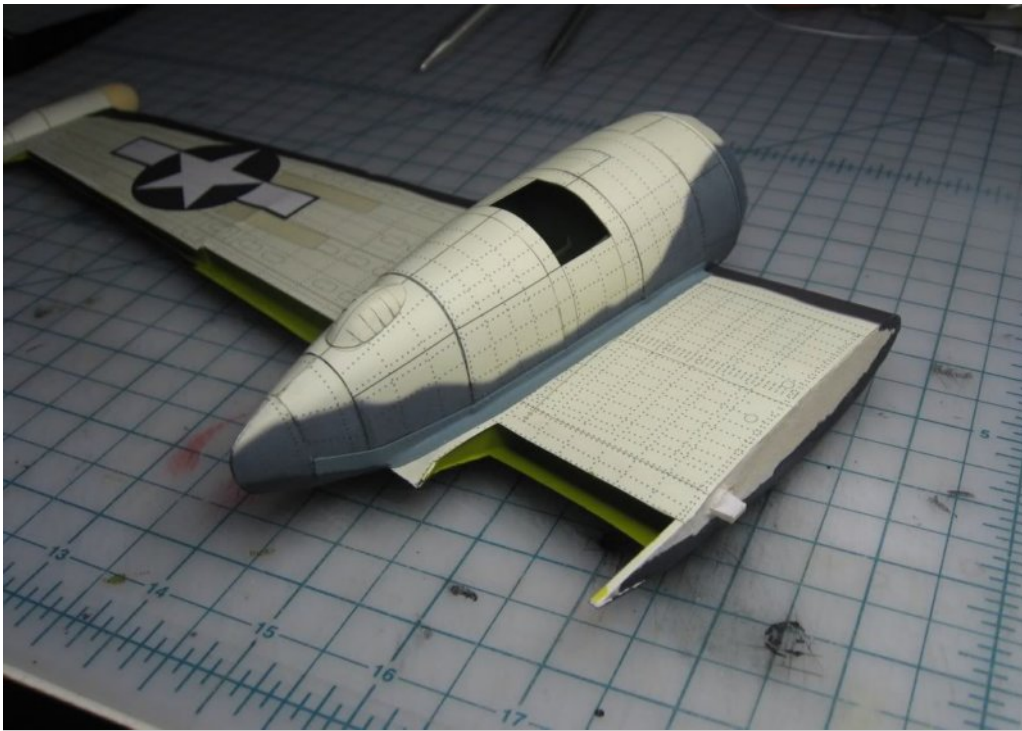
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x759.



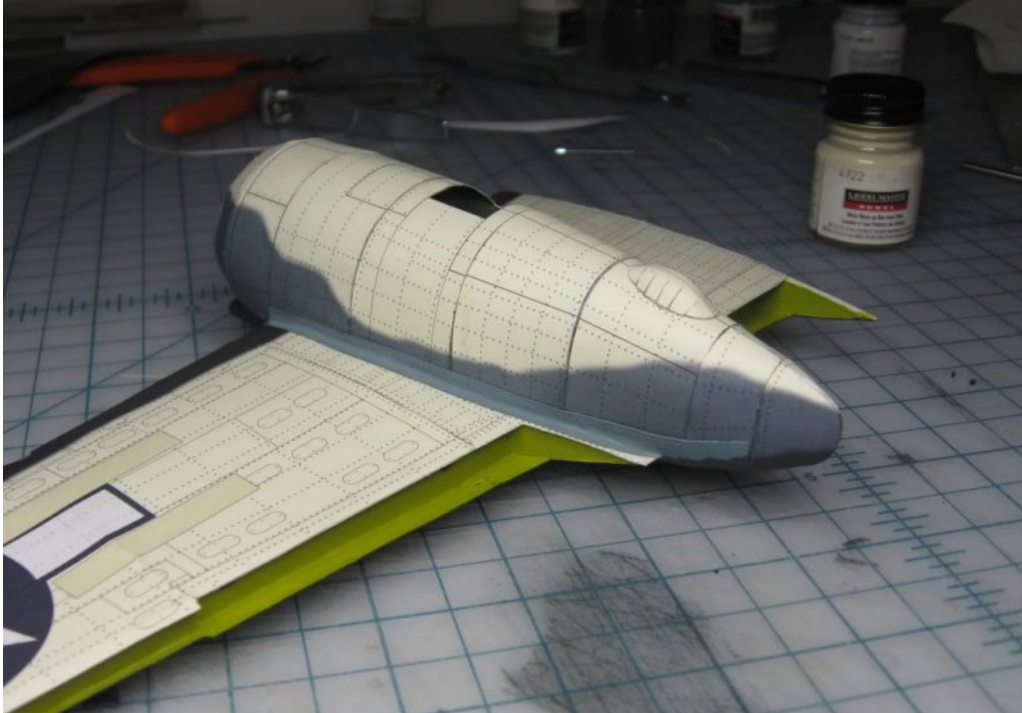
Also painted the flap openings yellow green too.


Now it's all about blending the nacelle to the wing. I've determined this will be a three phase program. First phase was to run a fillet under the wing. This is the only lapped fillet I can see in pictures of actual Michelle nacelles. I used 65lb paper, and ran a rivet wheel along the edges to help them match the sea of rivets on the wings (don't know how well they can be seen in these pics):

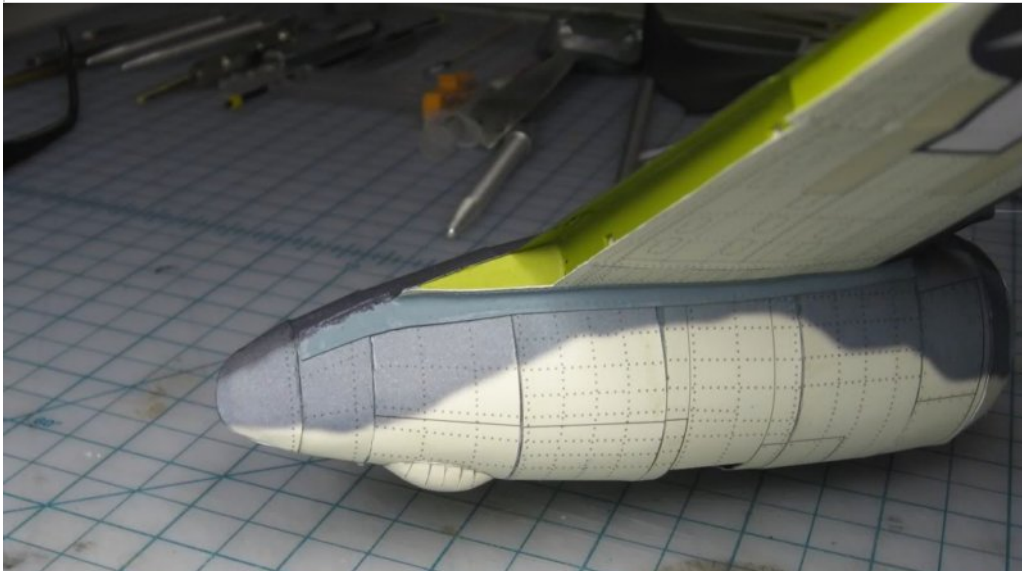
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x725.




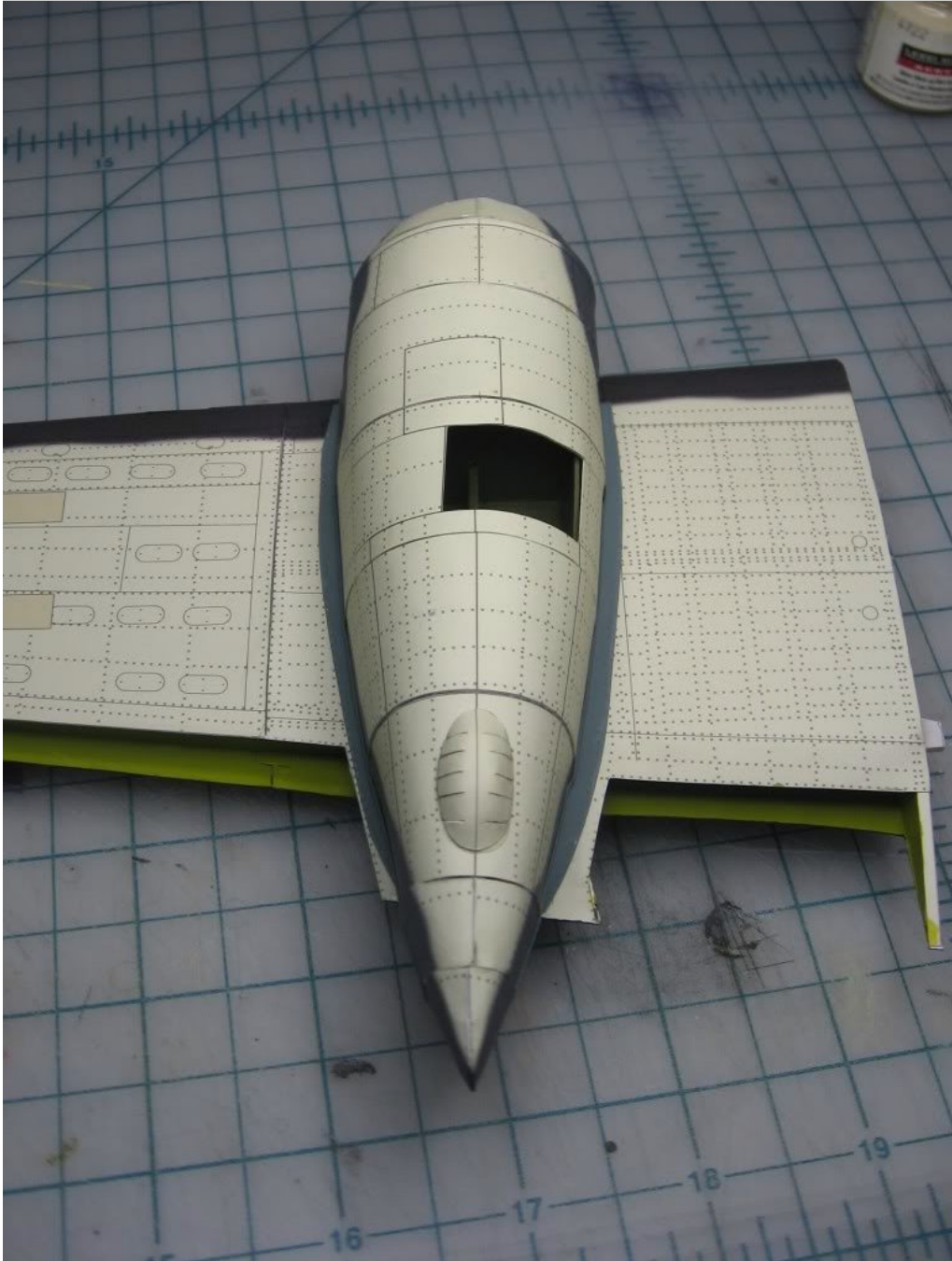
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x714.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x742.



 This image has been resized. Click this bar to view the full image. The original image is sized 775x1023.



Eh, not too terribly bad. The tail end of those fillets are a bit of "imagineering", as I needed to extend them far enough aft to cover the gaping holes I created when I assembled the nacelles....how many pages ago? I mixed up the grays and blues, and they're not too bad a match, the fluorescent tube in my desk lamp exaggerates the contrast. Here's a shot under incandescent light:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Somewhat better. I figure some light pastel work, and a final squirt of clear matt will help bring everything in line (he writes as if he knew for sure....ha ha ha).

Now it's on to Phase II and III of this process. Just wish I knew what Phase II and III were. 🤔

I'll let you know when I find out.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-25-2009, 04:49 AM



flying rasta 
Member

And the winner is.....(drums rolling)....the Radome.

great Job!

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??

#295 ([permalink](#)) 

Join Date: Aug 2009
Posts: 105



09-25-2009, 06:03 AM

#296 (permalink) 



Ron0909 
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Mike, your work is stunning as usual. See...another reason for me getting that rotary tool...future radomes! Can't wait for the rest of your work 😊 I saw some images of the Orlik B-25J and I think yours beats it hands down as far as overall appearance goes.

Talk soon
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-26-2009, 01:19 AM

#297 (permalink) 



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Yep Ron, there's a 1001 uses for the rotary tool, and some are even non-model related. 😊

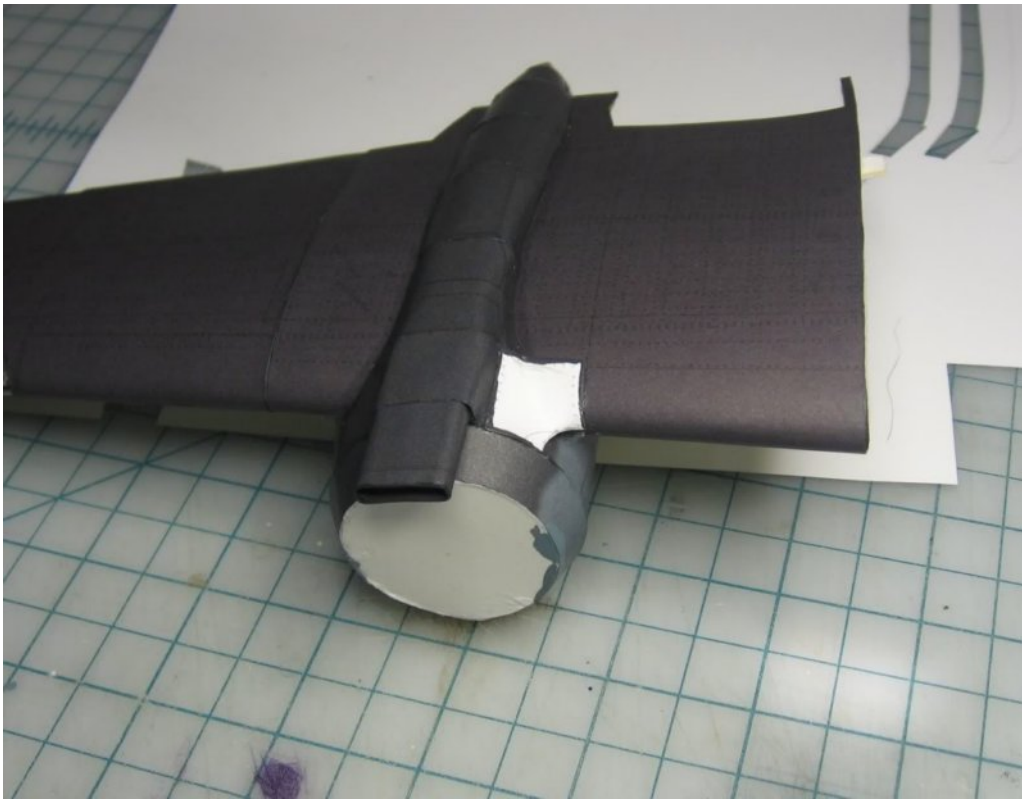
Me thinks I figured out phase II for the nacelle blending project. The area where the leading edge of the wings meets the nacelle is a smooth flare, consisting of whole panels, not lapped pieces of sheet metal forming fillets. Found on Hyperscale ([B-25J Mitchell Close Up by Thomas Sime](#)):

 This image has been resized. Click this bar to view the full image. The original image is sized 700x466.



So can it be done in paper? Kinda...sorta....:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x794.




It's a bit of trial and error. The bottom half was worse:

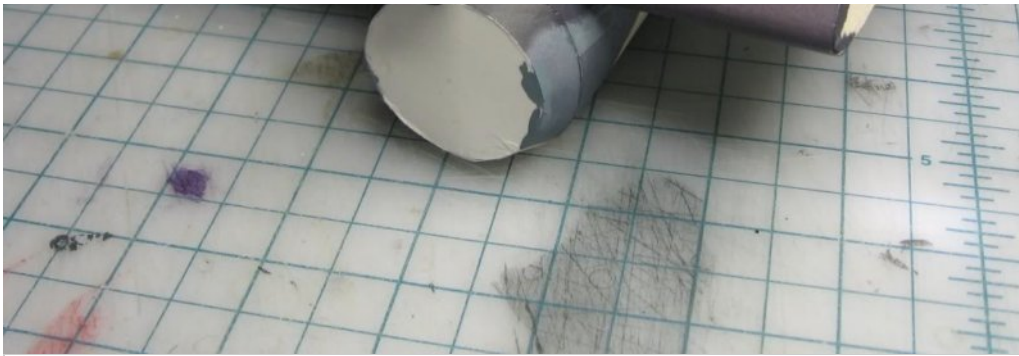
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x781.



But now I can blend the two dissimilar colors between the wing and nacelle with a color somewhere in between. Also, I tweaked my paint mix for the intermediate blue, so it's a closer match even under the fluorescent light:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755.

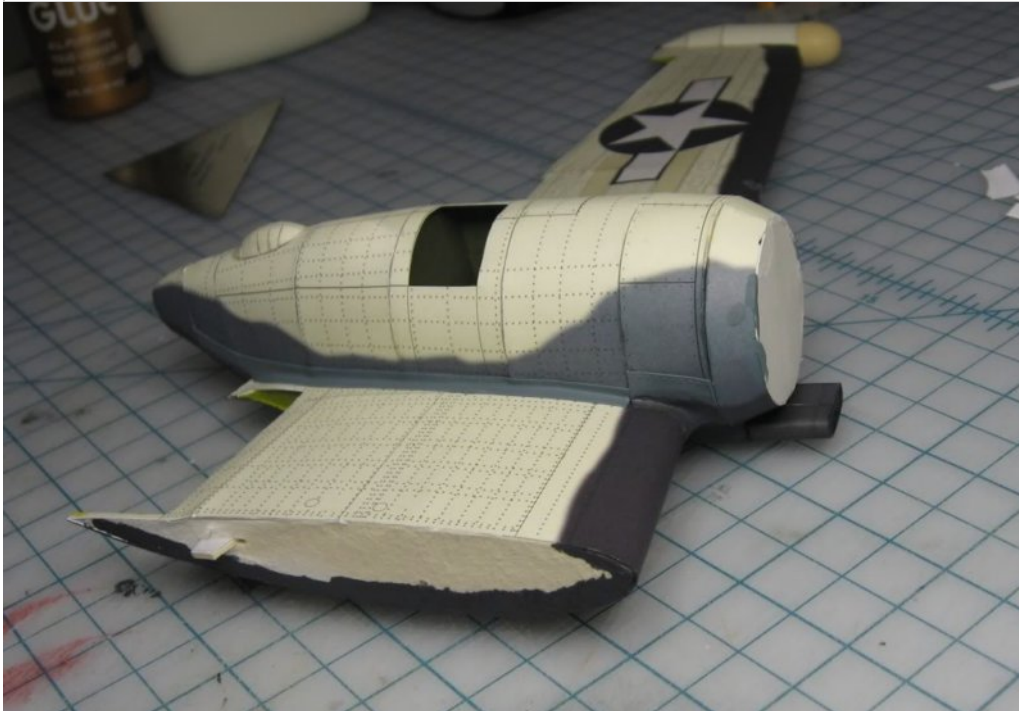




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x710.



Now to do it to the other side of the nacelle.

Mike

"Please to continue....."



09-26-2009, 02:01 AM

#298 ([permalink](#))

kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Awesome job on the leading-edge fillet.

Ken



09-26-2009, 04:04 AM

#299 ([permalink](#))



Ron0909

Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Mike, you photoshop'd that nacelle fillet...I know you did 😊 Just kidding bud! That's the closest I've seen of what can't be done in paper being done in paper. This is such an informative thread and I'm learning tons. Thanks again Mike for sharing it with us

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-26-2009, 04:49 AM

#300 ([permalink](#))



flying rasta

Member

Join Date: Aug 2009
Posts: 105

I can't find words...orlik should have you vet future kits..

Feel so much more comfortable with new color blend.

Carry on!

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



Post Reply

Page 30 of 77 << First < 20 28 29 **30** 31 32 40 > Last >>

Tags [Edit Tags](#)

None

Quick Reply



Message :

Options

Quote message in reply?

Show your signature

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
375 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 31 of 77 « [First](#) < [21](#) [29](#) [30](#) **31** [32](#) [33](#) [41](#) > [Last](#) » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-26-2009, 12:05 PM

#301 ([permalink](#)) **peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Brilliant nacelle work Mike - the way you look at the real deal and apply what you see to your model is outstanding 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  


09-26-2009, 01:08 PM

#302 ([permalink](#)) **Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks guys, your kind words keep me trudging along. Probably would have jettisoned this kit in a New York Nano-second if it weren't for you mugs checking in now and again.

But I started this mess, dag-nabit, and I'm a gonna finish it.....(spits in spittoon) 🙄

Quote:

Originally Posted by [peter taft](#) *Brilliant nacelle work Mike - the way you look at the real deal and apply what you see to your model is outstanding 😊*Peter, that's one of the joys/challenges of scale modeling. However, I'm pushing this kit only so far to make it *believable*, not nearly an exact representation by any stretch. Copious amounts of liberties have been taken sir. 😊But a point I wish to make is that I'm trying to be *consistent* throughout the *entire* build. It's one thing to build a kit OOB, or "Out Of the Booklet" (HA! Your IPMSer's out there thought I was going to write "Out Of the **Box**" huh?), using the parts exactly as given, no detours, just a straight build. That would be a perfectly fine model when done, and some true masterpeices have been seen on this forum built that way. But because I started this kit with an entirely too long session on wizbang engines, I've pretty much laid down my path for the rest of this build, and not to keep it up to the very end, well, *that* would be cheating (to recall back to another thread I started).

OK, let me get down off my soapbox here, and figure out what I need to do next.

Mike


"Please to continue....."Current Build [PBJ-1H Mitchell](#), review [here](#)Moderator here: <http://p51sig.ipbfree.com/index.php>[Quote](#)  

09-26-2009, 03:00 PM


#303 ([permalink](#)) **Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457OK, pretty much done with trying to make this nacelle look like it's part of the wing, not just slid over it. I've come to realized in mixing up paints and trying match colors that *no two sheets* of this kit are the same, and if I could, I would revise my review of it to say as much. Each page has anywhere from a slight to gross difference in tone (memo to Orlik: *Fire your printer company*), so trying to get everything to match everything else is a lost cause. I'm going to have to settle on finding a general color and use sleight of hand to help things along.

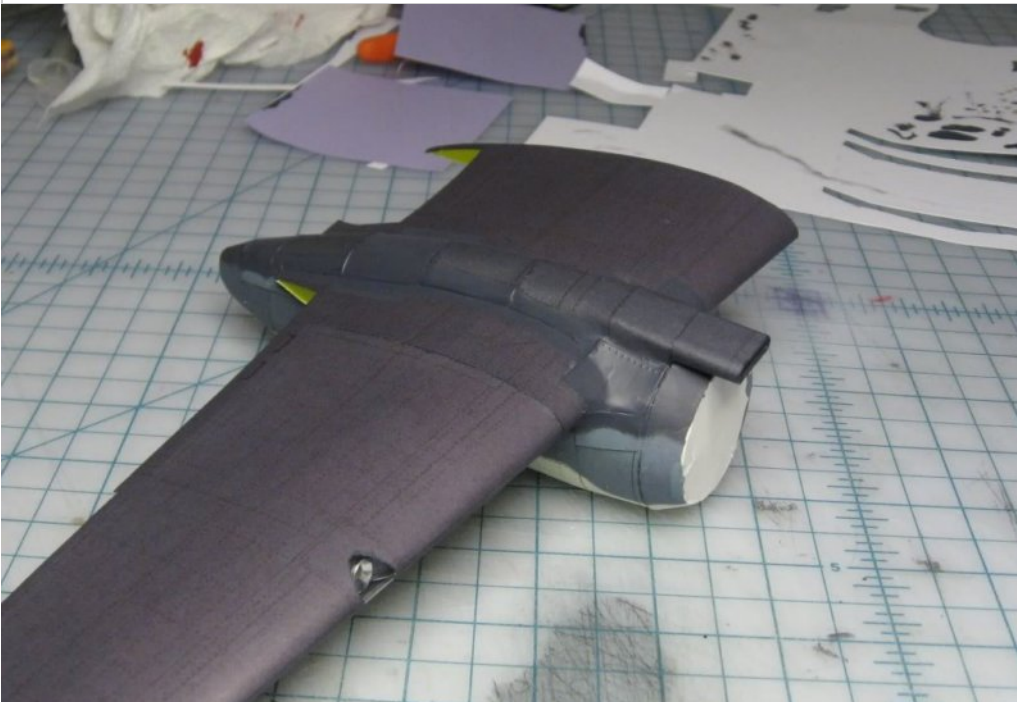
general color and use sleight of hand to help things along.

I suppose "Phase III" was just filling in the gaps along the upper spine. I had picture of the real thing somewhere, but the reality of it is, that the spine "hump" just meets the wing skins. So using some Aleene's, I just filled in the gaps, then painted some "panels" with the compromise color to "blend" it in. Also, you can see the outboard leading edge fillet in place (the third picture is under incandescent light):

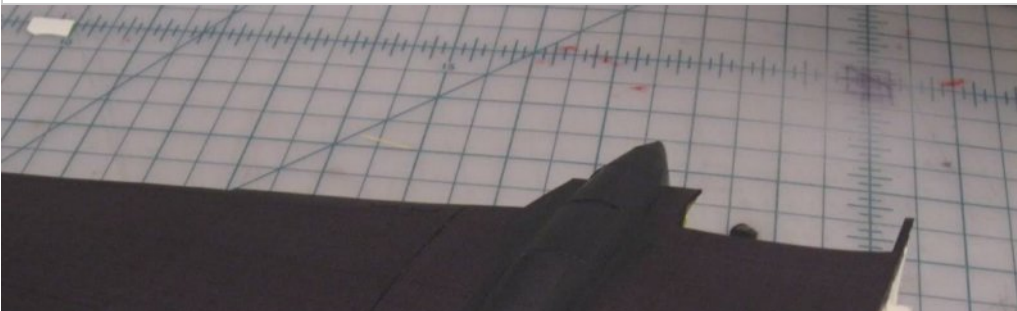
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x776.

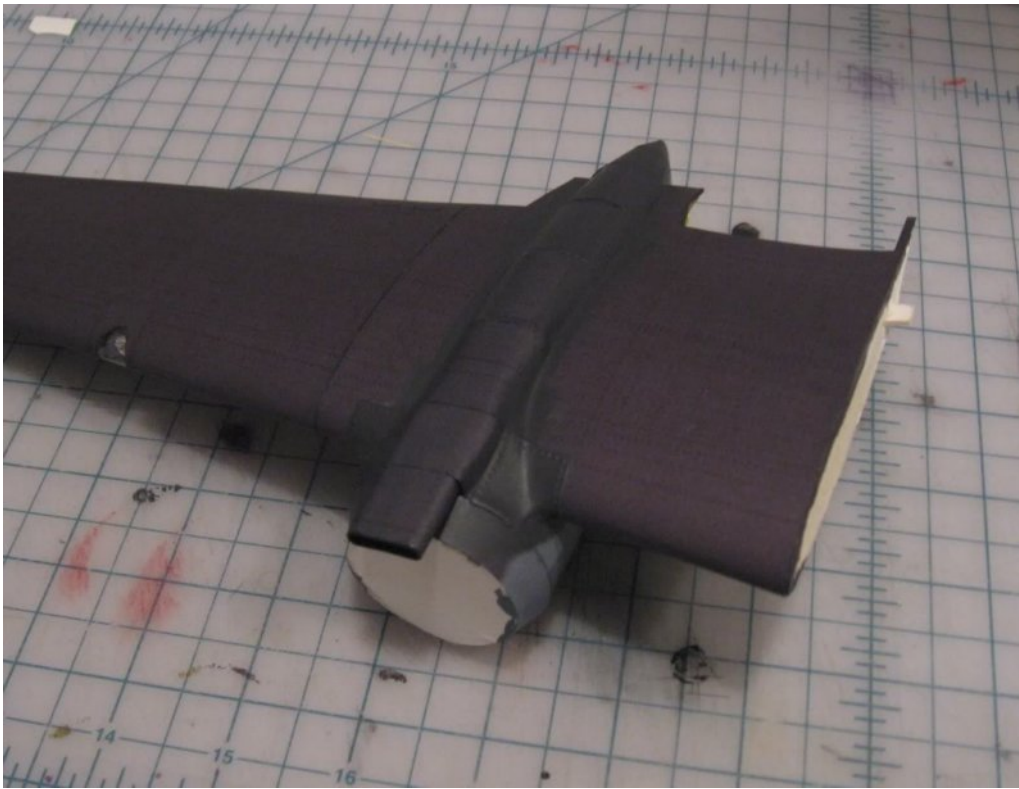


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x702.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x783.



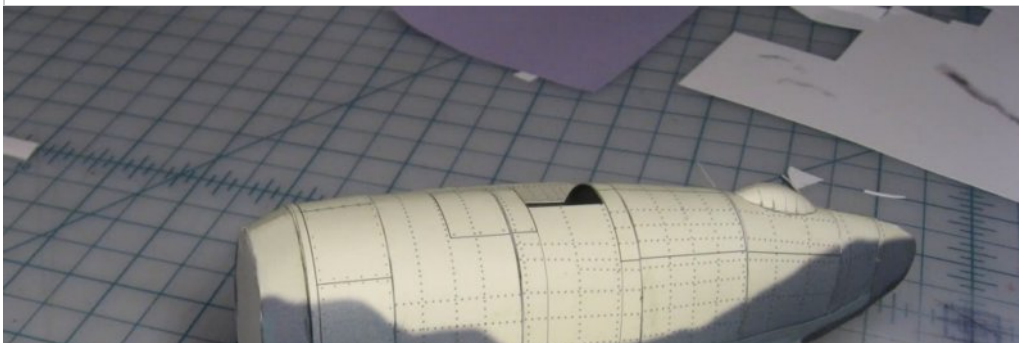


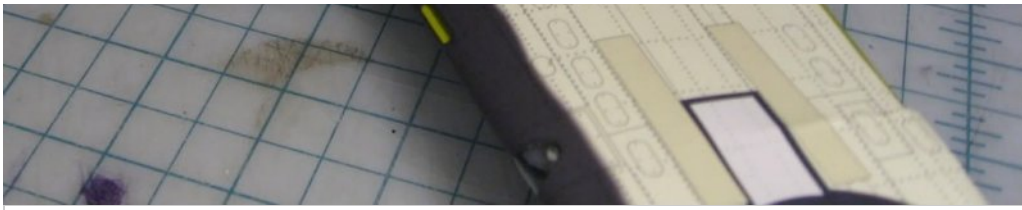
Another reason why matching colors is a black art; different lighting yields different results. I was thinking to draw back in some lines and rivets, add a little clear matt spray at the end, who knows, maybe it will all come together then. Also blended in the lower areas to match Orlik's camouflage :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x757.

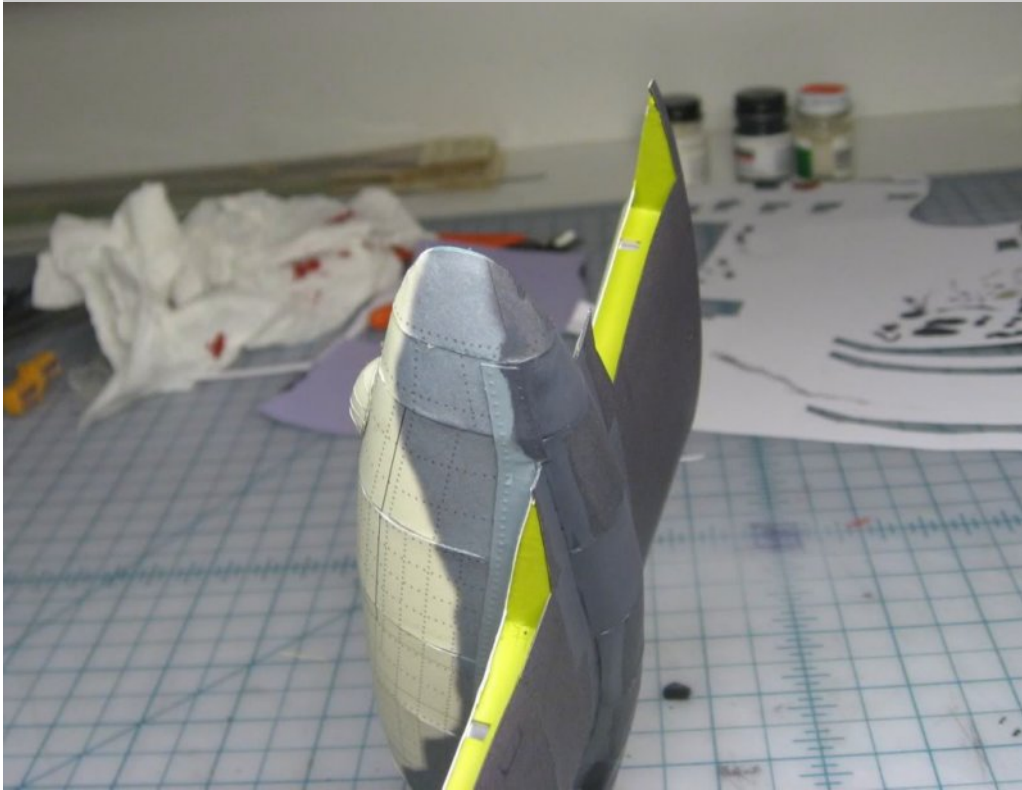



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x693.






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x788.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x818.



Just for fun :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



No doubt, and typically, the right wing/nacelle will be better....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-26-2009, 03:11 PM



B-Manic
Nautica Moderator

#304 ([permalink](#))

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

The wing / nacelle union looks great. The way you have painted it, it looks like just another colour that was used in the kit. Good stuff!

cheers
~Douglas

The proceeds from sales at www.hobbyfactory.com support this forum!!



09-26-2009, 03:30 PM



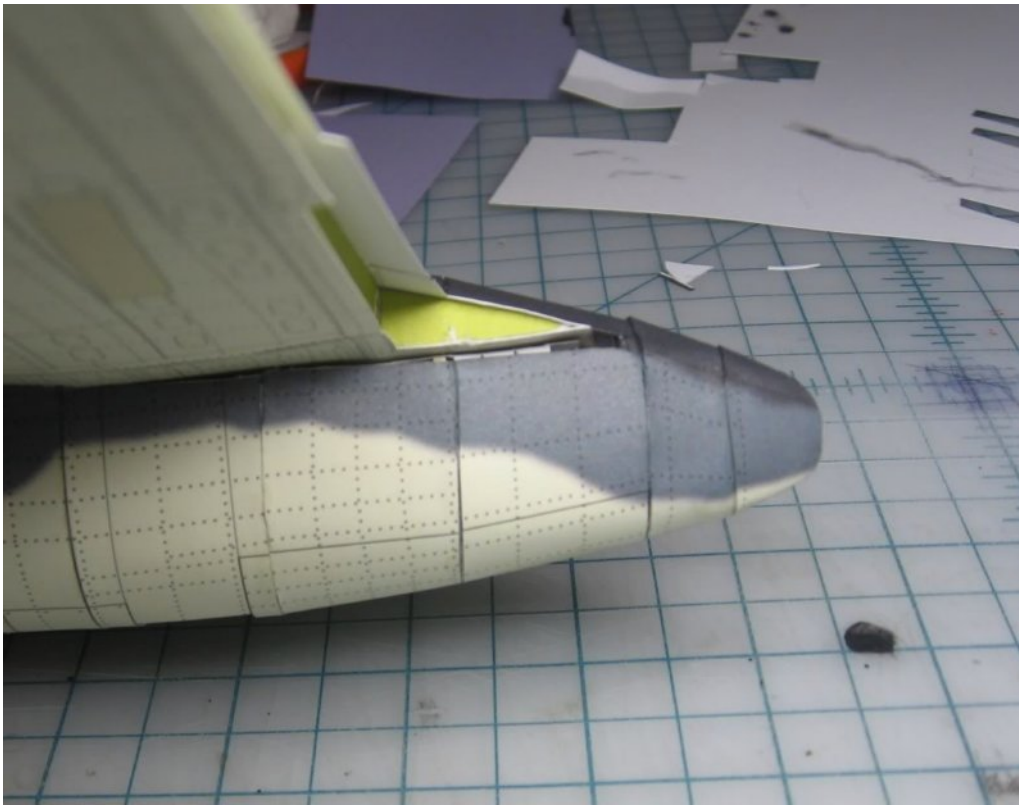
Bomarc
Member

#305 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks Douglas. Just to give you an idea why I need to add fillets, etc., and what gaps I'm talking about, here's the right wing/nacelle before I get started on it:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x800.



Some mighty fine model crafting there boy! You can hear your echo in that gulch.

HELLO....hello....hello.....hello.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-26-2009, 08:19 PM



Don Boose 
Member

Definitely world class modeling, Mike.

Don

#306 ([permalink](#)) 

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,304



09-26-2009, 08:51 PM



flying rasta 
Member

Good....I can now sleep in peace...the color issue has for the most part is most satisfactory ...

The joints look as if to be deliberately there...

This thread must be archived for future builders...

Cheers...

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??

#307 ([permalink](#)) 

Join Date: Aug 2009
Posts: 105



09-26-2009, 10:06 PM

#308 ([permalink](#)) 



Retired for now

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 961

Re: the paint. Drop by your friendly neighborhood Army/Air Force/Navy/Marine flight line for an open house and look around. The kids pulling 12-hour shifts on the flight line don't worry too much about color-matching when the birds go into corrosion control for a wash/blast/paint session.

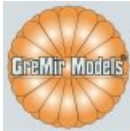
Like the oil-canning, just a bit more fidelity built into the model - well done!

Yogi



09-26-2009, 10:22 PM

#309 (permalink)



GreMir

Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Great work Mike!

It's amazing that designers do not provide fillets in those locations. I went through exactly the same issue in my Ki-45 built. Wait, this is the same designer so maybe it's something typical for him....

Michael Krol

www.gremirmodels.com



09-26-2009, 10:49 PM

#310 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

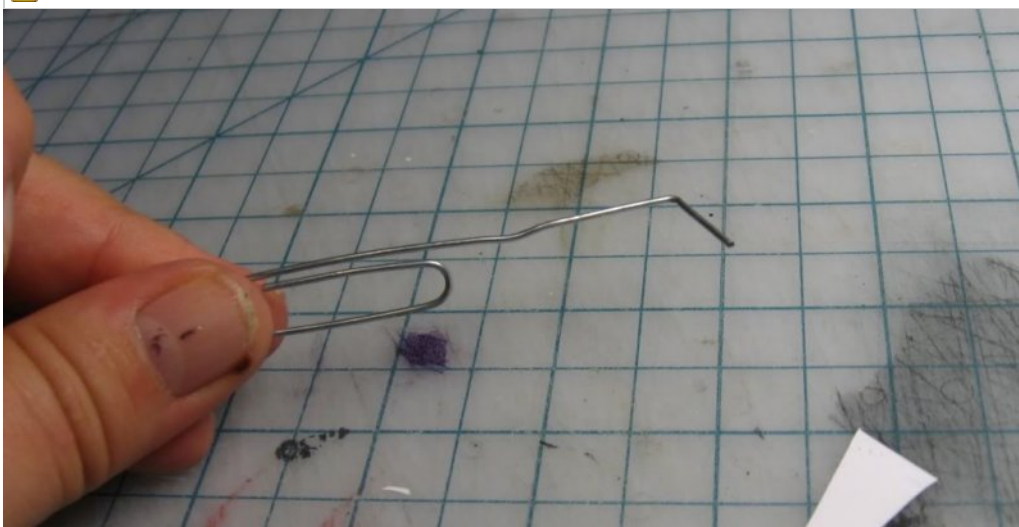
Thanks guys....it's always an adventure.

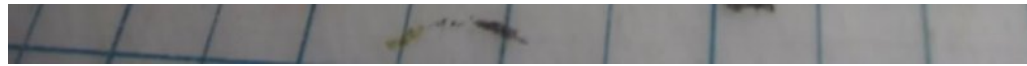
Yogi, to piggy-back on your above post, there's a great story I remember reading on some modeling forum about a Navy aviation type who worked at Oceana NAS as a mechanic on F-14's (must have been in the late '80's early '90's). When that base had an Open House to the public, he would pull duty and would have to man whatever F-14 was on display to answer any questions the public might have. On one such event, a gaggle of guys (obvious modeler types) come up to the display F-14 of this mechanic. They had Federal Standard paint cards in tow, and started to try and match the gray color of the plane with their fandek cards, and having heated arguments in the process as to which color it was. Overhearing all this, our intrepid mechanic didn't have the heart to tell them that the gray in question was actually Sears automotive primer procured in a "midnight run" outside of the base.....

Had a little weirdness when I glued the left nacelle to the left wing. For some reason the last two thirds of the upper wing skin started to collapse on either side of the nacelle spine. It didn't do this when I dry fitted the parts together, but for whatever reason, it was doing it now, now that glue was involved. I couldn't take the nacelle off anymore thanks to the glue, so I had a large gap and sunken upper wing surface. WTF?!! Didn't take any pictures at the time as I was in full panic mode, but here's what I ended up doing after the fact. Perhaps this will be useful to somebody someday.

I fashioned a tool from a large paper clip. Behold the "Puller, Skin, Model M-1":

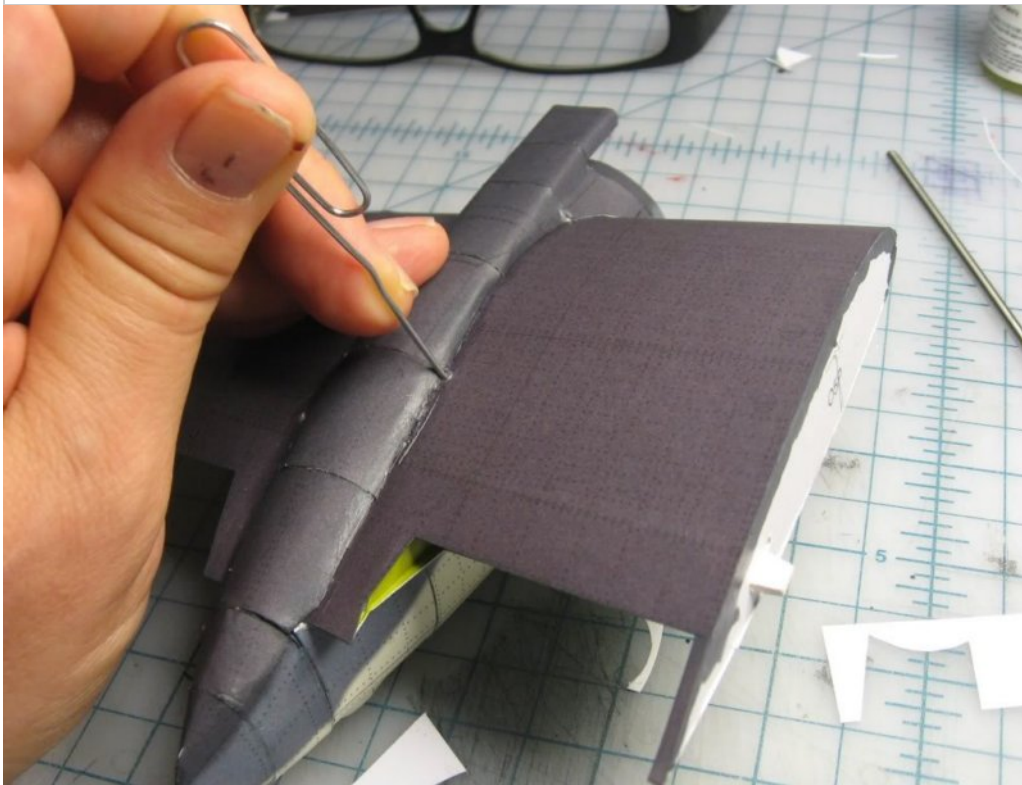
This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.





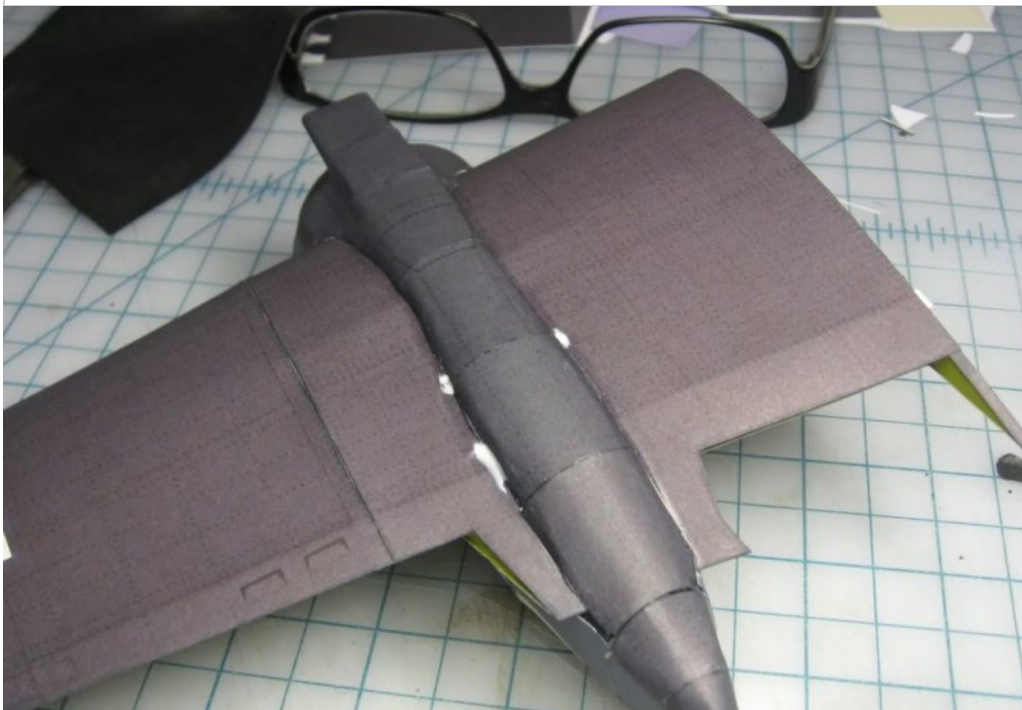
Then I punctured a small hole at the root of where the wing and nacelle meet on either side. I actually used the Mini-Rolystyk for this, being wickedly sharp. Into the holes went the tool, and I pulled the skin up against the nacelle and held it there until the Aleene's I laid in the gap could grab hold:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x780.



It was just a matter of plugging the holes back up with more Aleene's, like it never happened :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x708.



It's always something .

On a happier note, I was doing an inventory of what I have left for parts, as I plan to move on to the fuselage after this wing is done, and I can happily report that I'm pretty much at the fifty percent mark, having consumed about six sheets worth of parts out the kits twelve. Huraaaay!

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



It's the little things that keep one going....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-26-2009 at 11:11 PM.



Post Reply

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
375 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.


[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 32 of 77 << First < 22 30 31 **32** 33 34 42 > Last >> ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-26-2009, 11:19 PM

#311 ([permalink](#)) **GreMir** 
MemberJoin Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Excellent recovery - one more reason why the fillets are so important in certain locations 

Michael Krol
www.gremirmodels.com



09-27-2009, 01:27 AM

#312 ([permalink](#)) **OldTroll** 
MemberJoin Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

I knew I should have patented the "Puller, Aircraft Skin, Multidirectional, Mark I" when I had the chance. Now you'll make all the money...

There have been a few other threads whose value went well beyond the entertainment of seeing someone build a model in top notch fashion - but this thread tops them all for hints, tips, tricks and saves. Thanks for this exceptional presentation!

Ron S.




09-27-2009, 03:02 AM

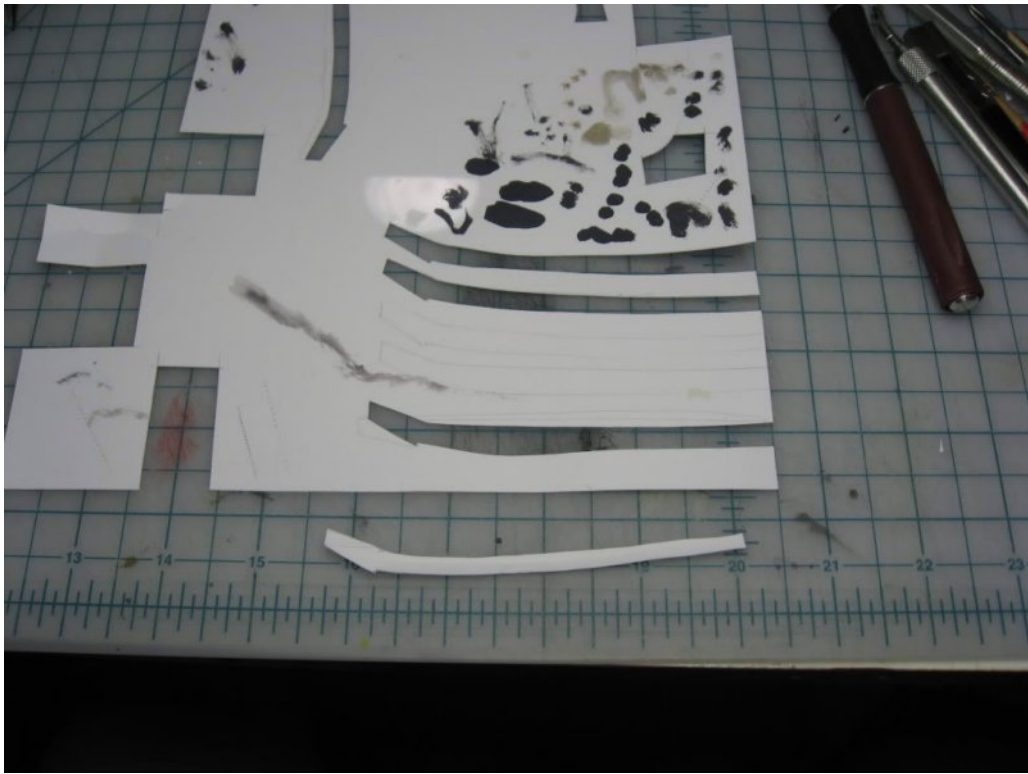
#313 ([permalink](#)) **Bomarc** 
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Well then I hope you enjoy this one Ron....we're gonna make a fillet. Once I got the method down for the first wing, I took some pictures.....

Finding the right shape of the part was trial and error. I would make a part, try to fit it, find where I needed to add a little here, take off a little there. I would trace each new part then fit, adjust, repeat. By tracing each new iteration, if the latest part was the winner, I had its pattern ready to duplicate. Purely an "old school" analog way of doing things, but you go with what you know. Here's the pattern that evolved from the right wing, along with the tracings that didn't make the cut (I think I already mentioned I'm using 65lb card):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



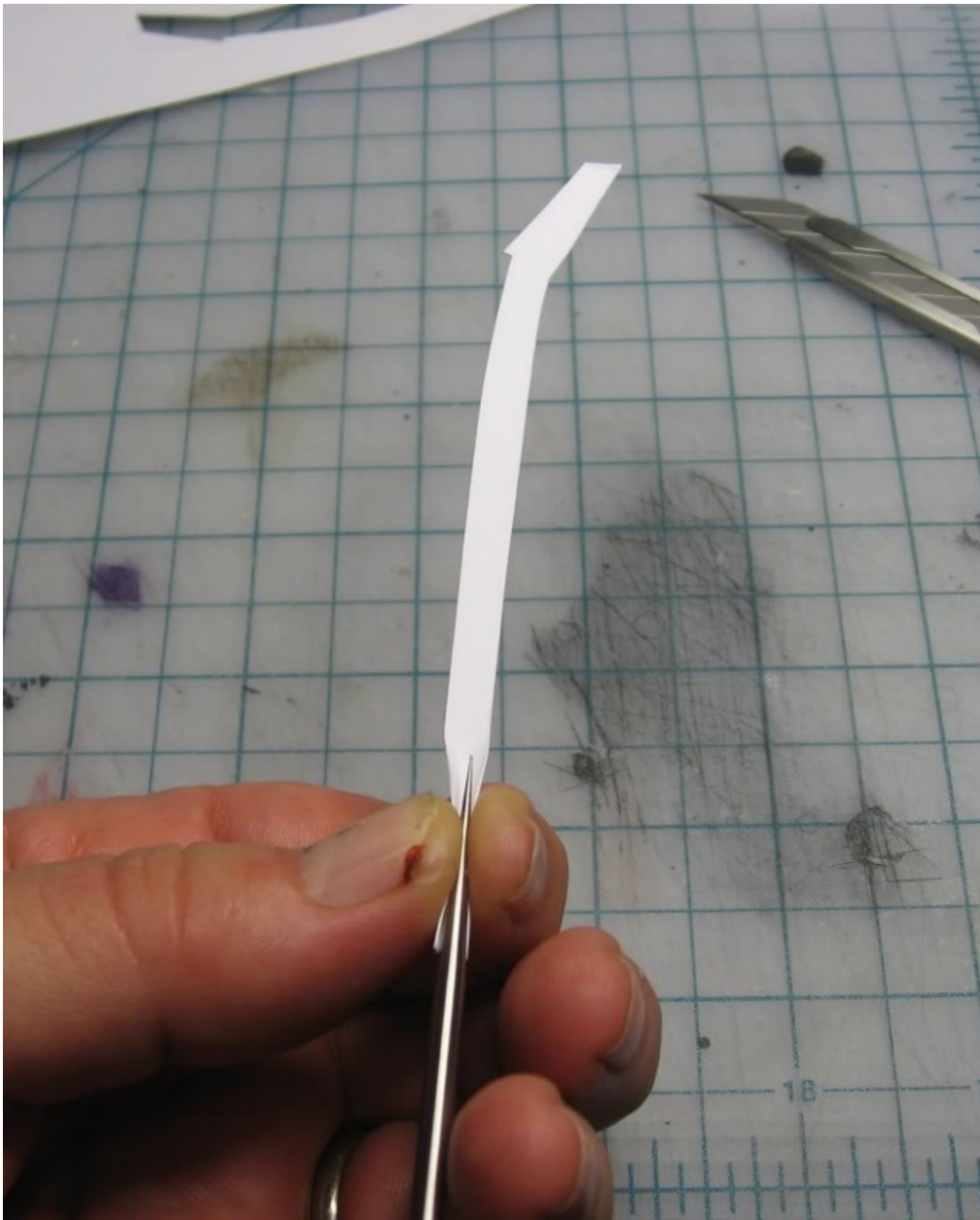


Using the pattern, I cut out the next fillet to apply:




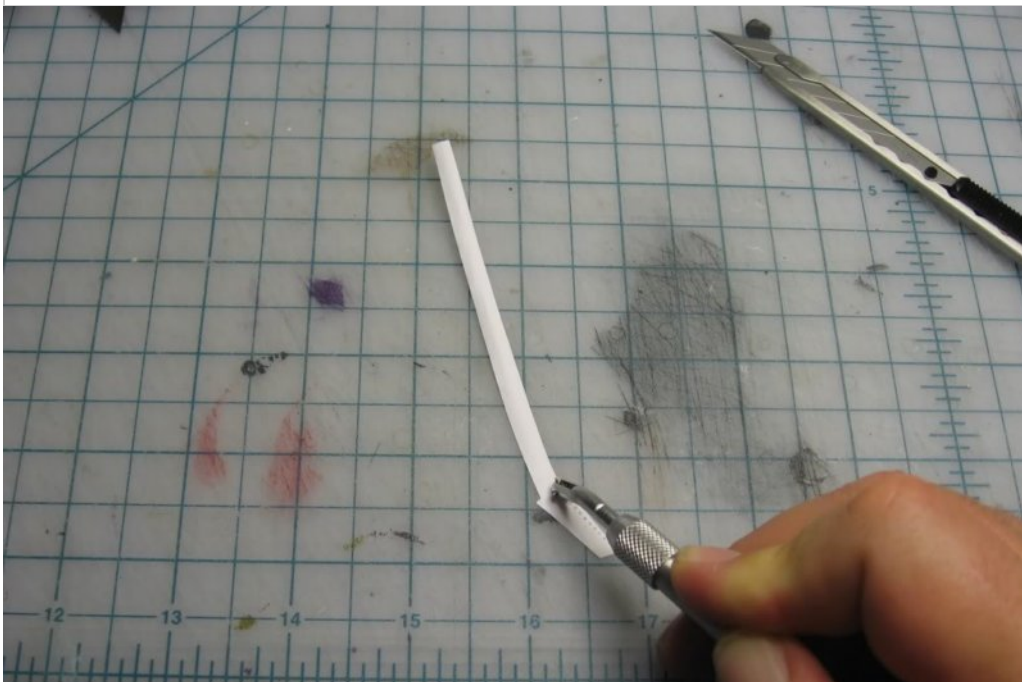
The Mini-Rolystyk is great to preshape the part:

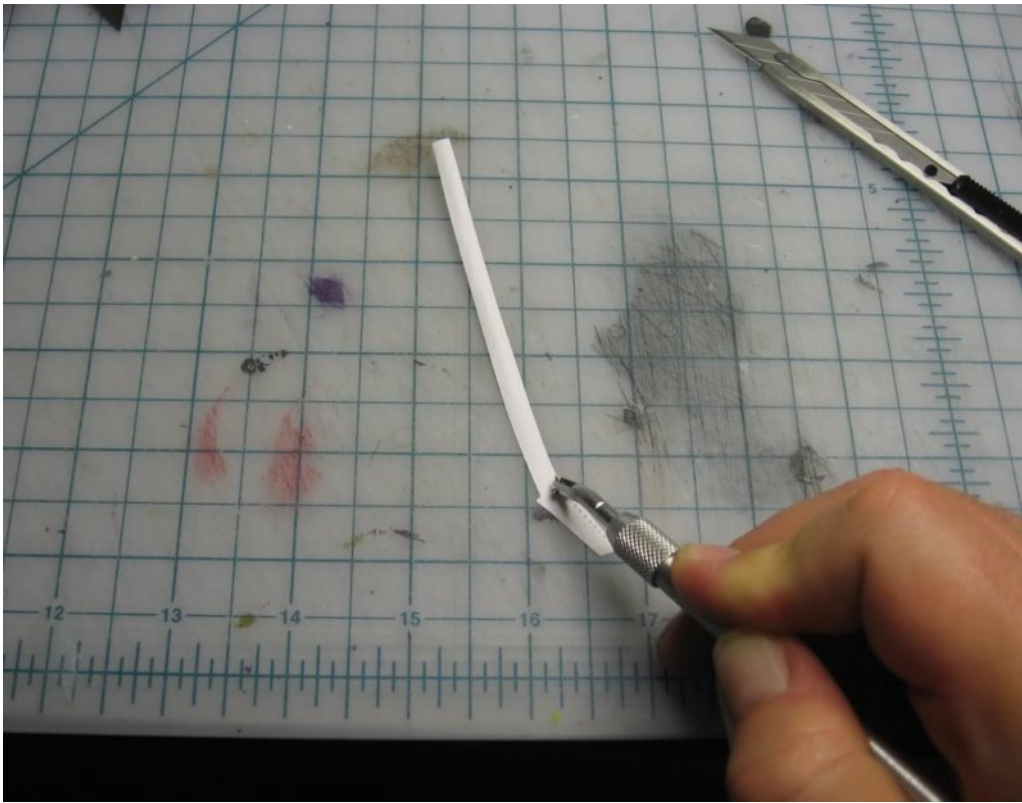





For some visual interest, turn the part over, and from the back apply rivets. Purely optional, but if you want to try it, Micro-Mark carries a somewhat cheap set [here](#). The wheel I'm using comes from that set:

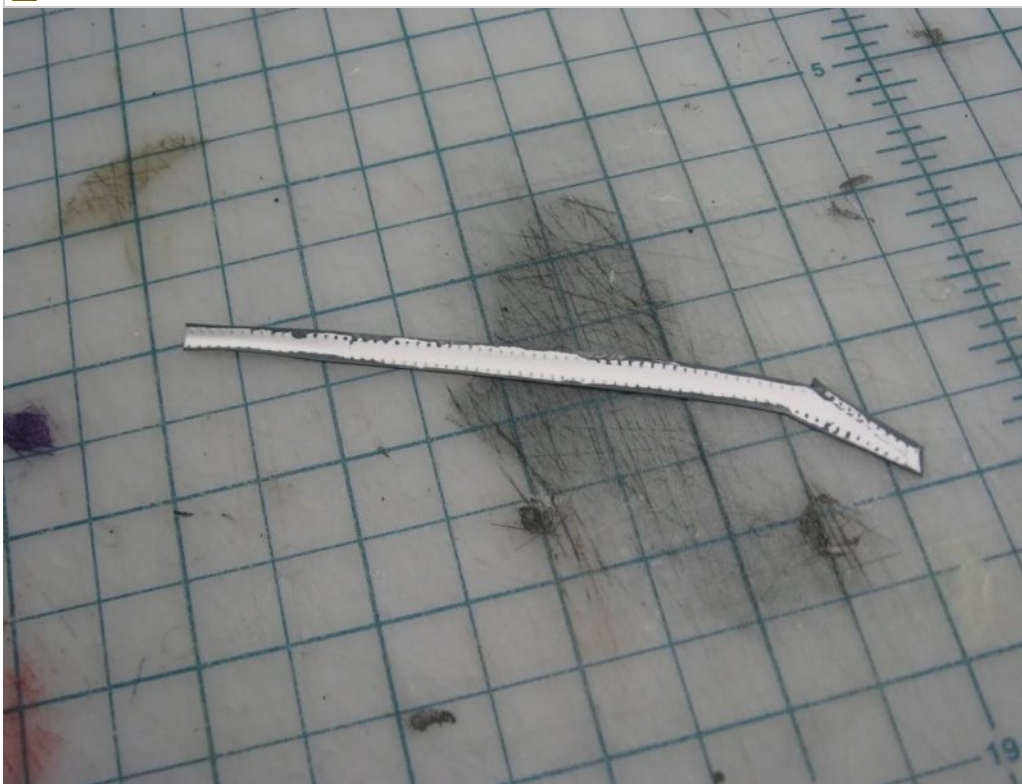
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x797.





Color just the edges :

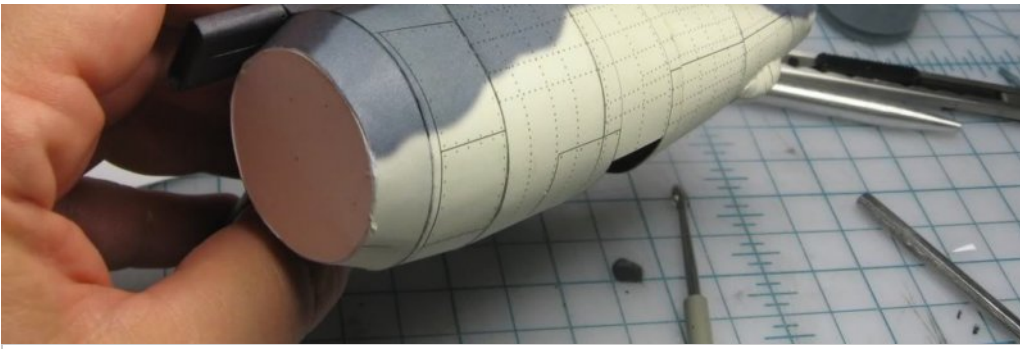
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x778.




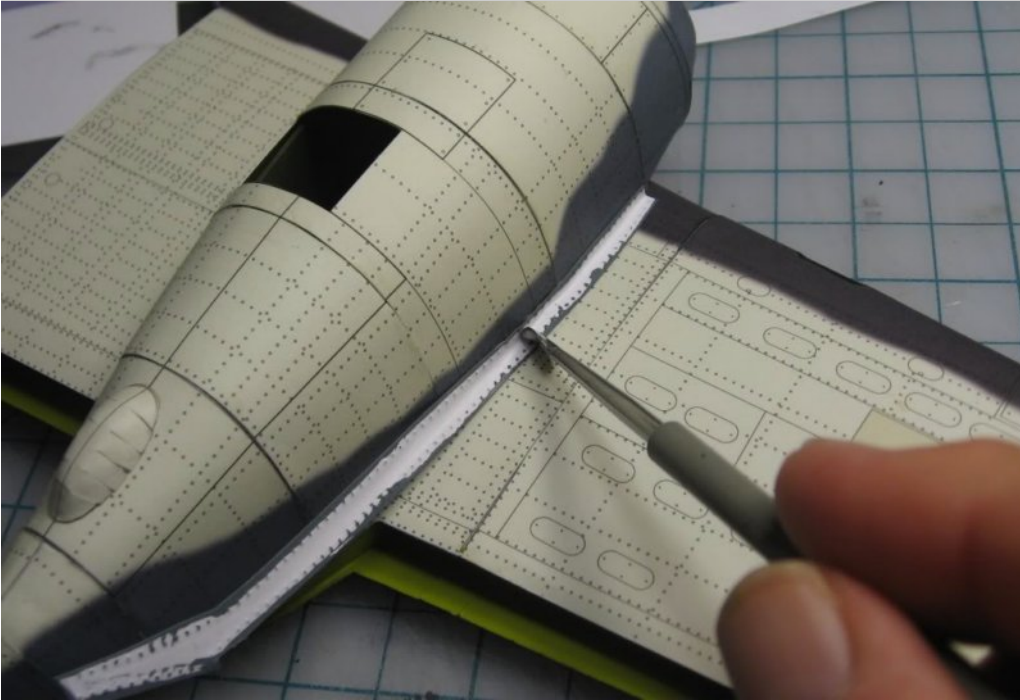
Start applying the fillet on one end, gluing as you go. Use whatever stylus/shaping tool you have (leathercrafter modeling tool shown here) to work the fillet up into the corner:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x747.




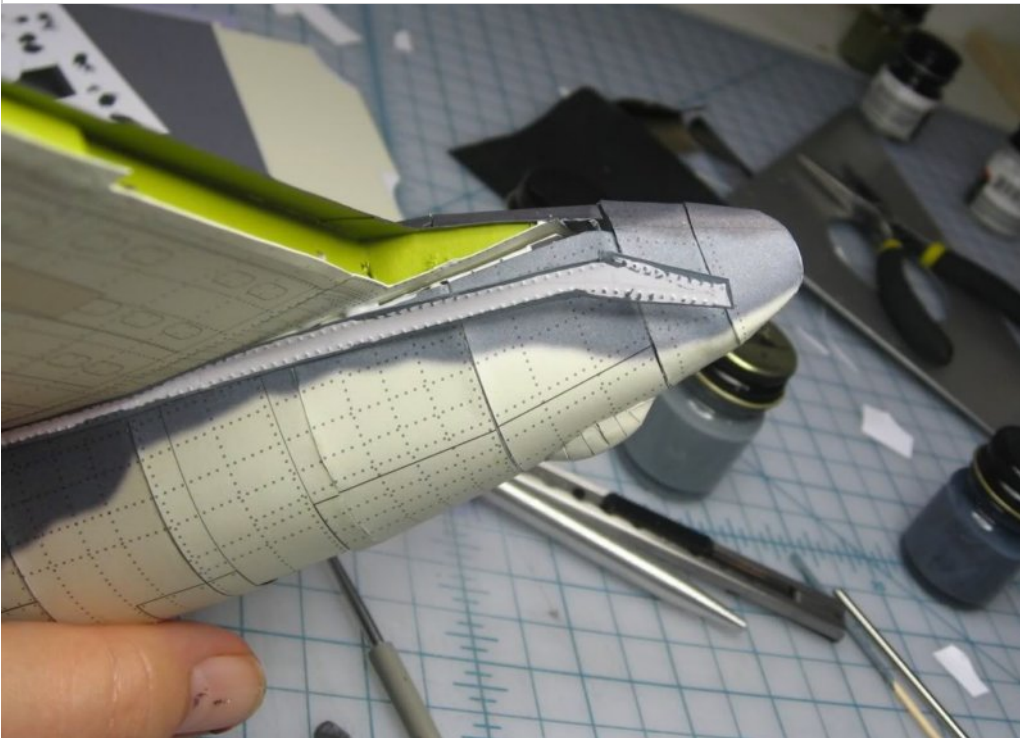


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x698.




Say goodbye to our leetle friend, the gap:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.



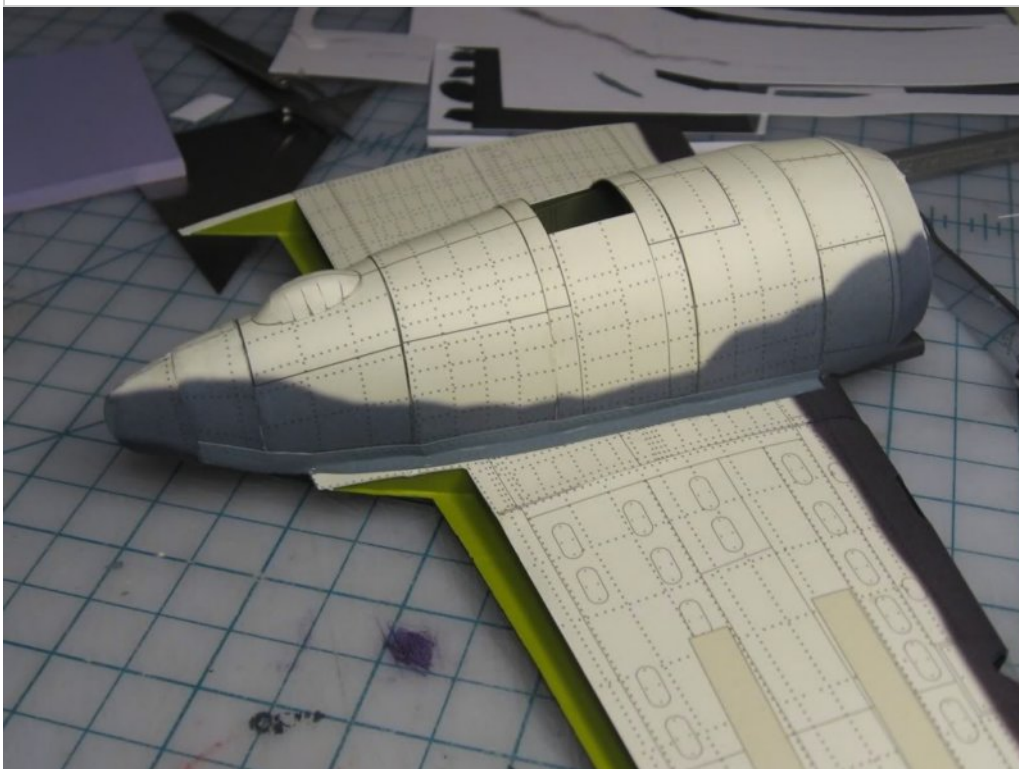
Gap gone:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x775.



One last pass with the shaping tool, then paint your fillet. Since the edges were already "cut in" from the previous step, it's nothing to fill in the rest:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765.



How's that? 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

AWESOME! Touchdown, and the crowd goes WILD!

Wyvern



09-27-2009, 07:16 PM

#315 (permalink)



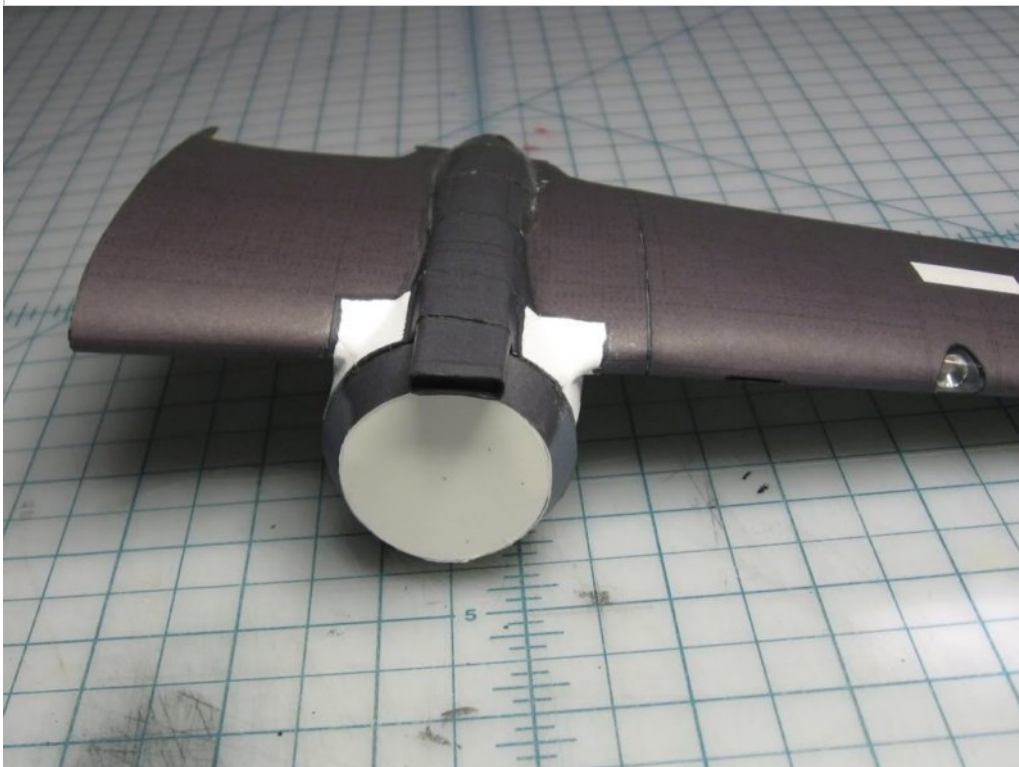
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

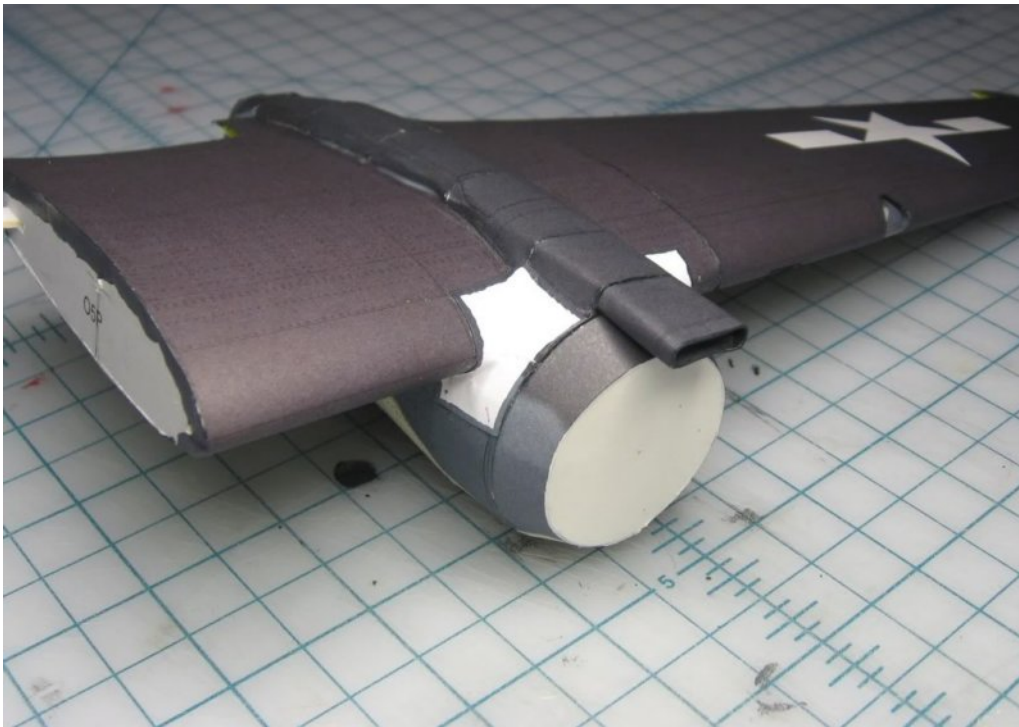
Wrapping up the left wing, so some last pictures before the weekend ends (weekends are my most productive time).


The next time one of your modeling buddies tells you *"you can't do that in paper!"*, you tell 'em to pack sand, because you know better:

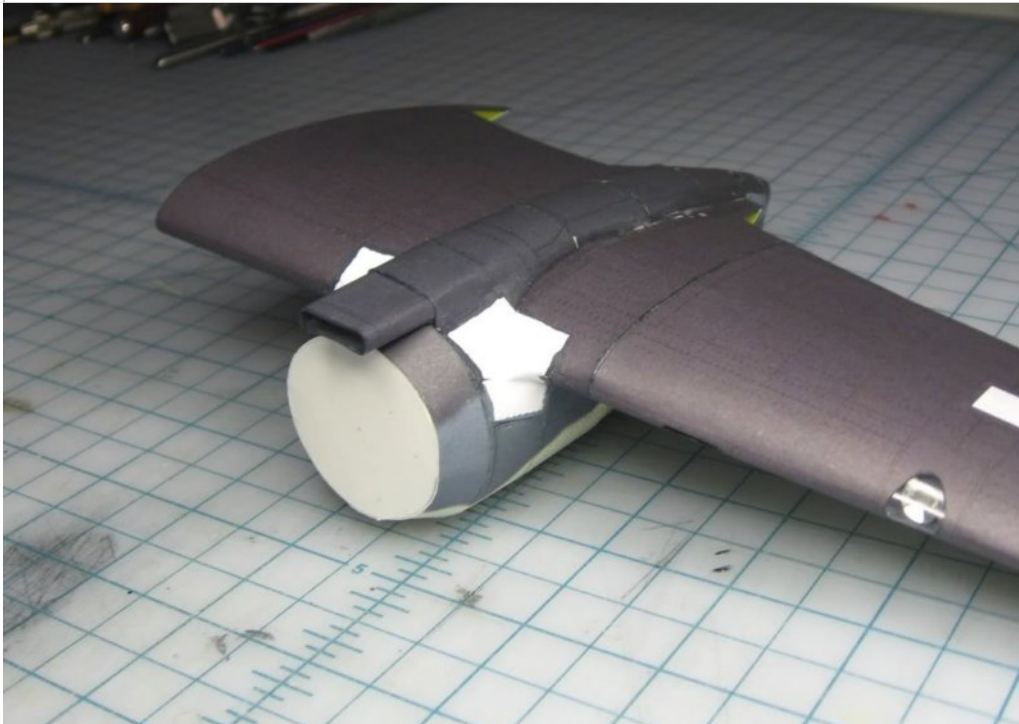
This image has been resized. Click this bar to view the full image. The original image is sized 1023x762.




This image has been resized. Click this bar to view the full image. The original image is sized 1024x724.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x724.



Modeling (in any medium) is about solving problems. Forums are about sharing the solutions....

Thanks to the hiccup on the upper wing, filling the gaps along this spine is taking a little longer than the right wing. That's why it looks like crap in these shots, but I'm getting it under control.

Notice I've cleared the decks. Fuselage starts tomorrow, if not tonight, and goes for...well....for awhile. We see.....

Anyone tired of this thread yet? 

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





flying rasta
Member

Join Date: Aug 2009
Posts: 105

Anyone tired of this thread yet....yep, just like tired of breathing air, eating steak, having a red stripe beer, dang...rambling again!

You should see me showing off your build thread to people saying..."And these guys are part of MY hobby community!..that's paper right there...yep...we all THAT good!"

Looking forward to fuselage build..whatever you do never ever lower this high standard you have set with this build...if needs be rest a bit (emphasis on BIT), then come back and tackle the fuse...looking in tonite...

Cheers.

Flying Rasta.

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



09-27-2009, 09:38 PM

#317 (permalink)

kenwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Tired of this thread?? Stop joking around! Those fillets look fantastic!

Ken



09-28-2009, 02:37 PM

#318 (permalink)



Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Quote:

Originally Posted by **kenwest**
Tired of this thread?? Stop joking around! Those fillets look fantastic!

Ken

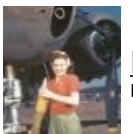
I echo Ken. Tired of this thread? Not on your life.

Wyvern



09-28-2009, 03:00 PM

#319 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

It's OK, guys I'm not going anywhere. It's just seems like I'm moving at such a glacial pace. Snails see my image in their rear-view mirrors as they blow by me....

Started to examine the fuselage assembly. It's a weird one. Not quite the butt joint method, but not quite connecting strips either. Sort of a hybrid of both methods, with a few bulkheads, but not a lot. I'm reviewing the three B-25J build threads I've found (linked earlier in this thread), and each one seems to have tackled the fuselage in a different sequence. I can at least start cutting things out tonight....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-28-2009 at 03:23 PM.



09-28-2009, 03:51 PM

#320 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 105

a cutting we shall go,...a cutting we shall go...hi ho the viewers go...a cutting we shall go...

pulling up armchair and mug.....ready!

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



Post Reply

Page 32 of 77 << First < 22 30 31 **32** 33 34 42 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply?

Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation

All times are GMT. The time now is 05:25 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
375 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 33 of 77 « First < 23 31 32 **33** 34 35 43 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

09-28-2009, 11:27 PM

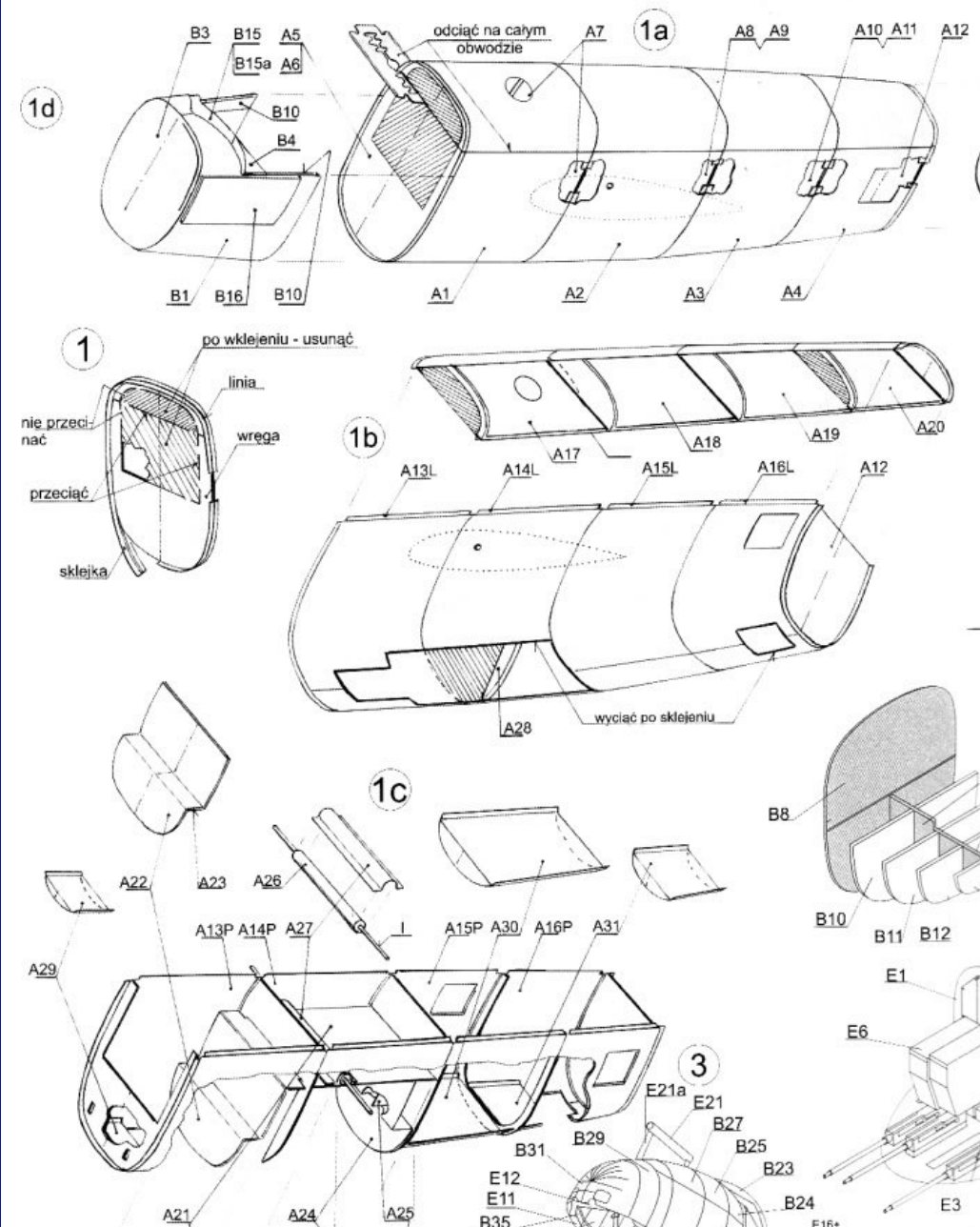
#321 ([permalink](#)) 

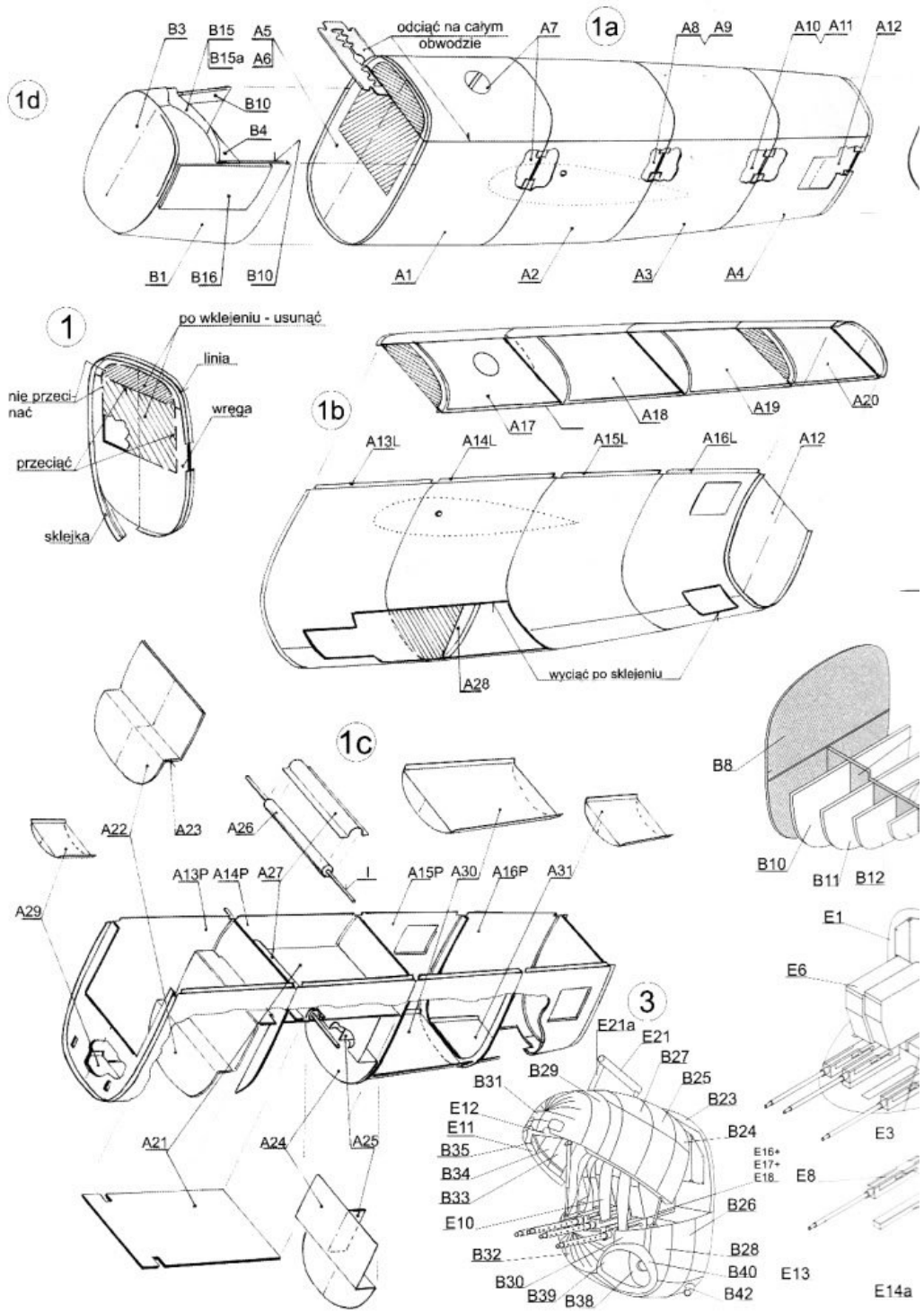
Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

So I'm looking over the instruction illustrations for the assembly of the fuselage, and I'm amazed at the sequence as I begin to noodle it through. Apparently you build up four sections consisting of tubes, formers, and connecting strips, then you slice the entire top off:

 This image has been resized. Click this bar to view the full image. The original image is sized 701x1024.





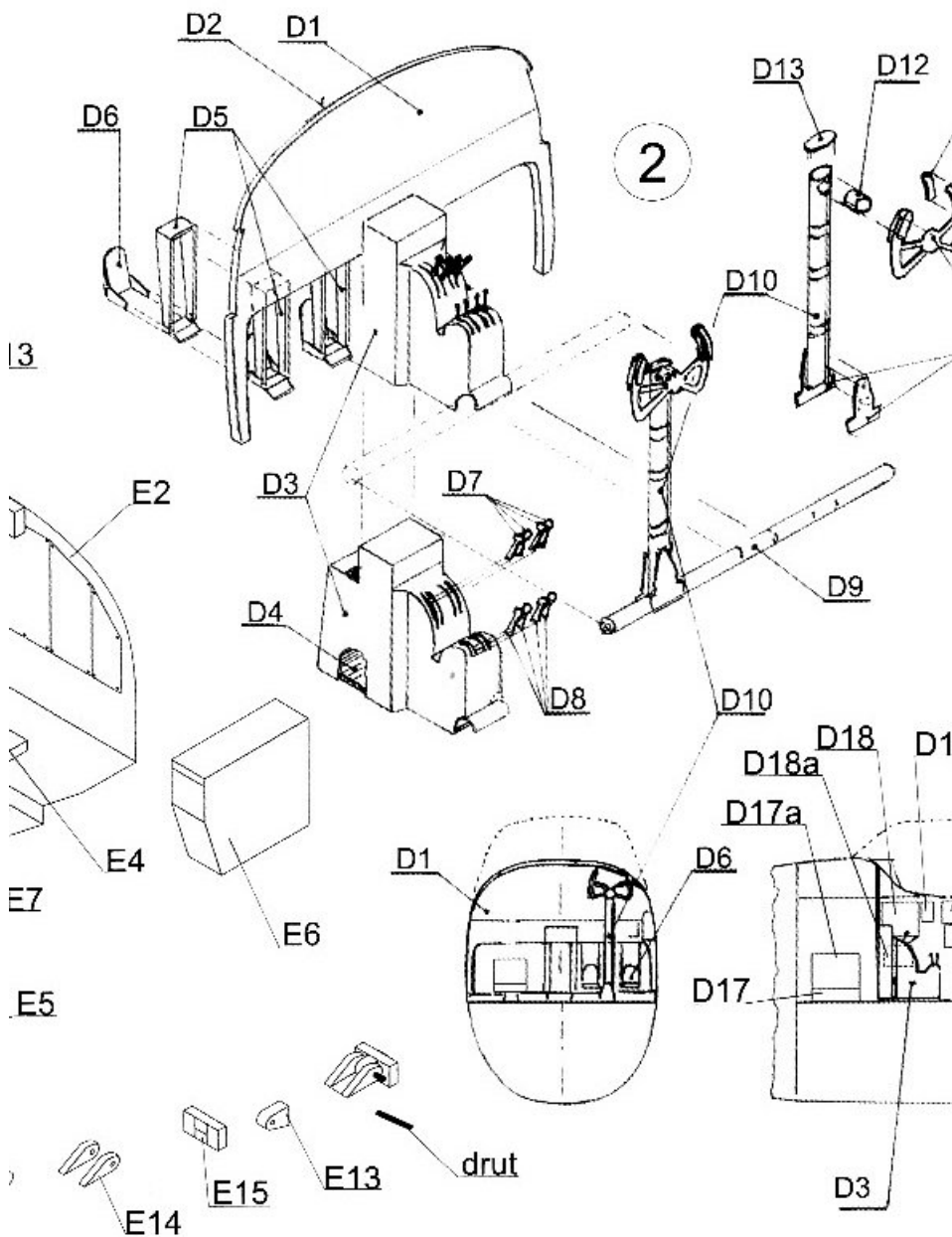
I did a Google Translate of "odciąć na całym obwodzie" and it came up "cut off around the perimeter", so there you have it. Now I just have to figure out where to buy fresh copies of the old fashioned Gillet blade in the picture. Do they even make those kind of blades anymore? I remember as a kid playing with my dad's shaver that took those kind of blades. You would twist the bottom of the handle, and the top opened up like little bomb-bay doors.

But I digress. Cutting the top off allows the interior parts to be installed. The interior "walls" of the fuselage supply the tabs that allow you to align the top when it's time to re-attached it. Also inside goes the wing mounting bar. Pretty clever, just hope it works....

It's time now for:

MITCHELL FUN FACTS!!!

I was doing a little browsing of the reference books, looking over cockpits in preparation of this fuselage epic, and discovered that B-25H's (and their Navy equivalent) were the only Mitchells produced **without** dual controls or provisions for a copilot. As Johnny Carson might have said (or was that Dana Carvey playing Carson on SNL?): "I did not know that!" Sometimes a seat was installed at the squadron level so a copilot could ride along and relieve the pilot as required, and other squadrons installed the dual controls. Well, Orlik did their homework. This kit contains only one control yoke and a pair of rudder pedals:



So take a bow Orlik!

Mike


"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51siq.ipbfree.com/index.php>



09-29-2009, 12:16 AM

 **peter taft**
Member

#322 ([permalink](#)) 
 Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,005



Hi Mike. Just to say WOW 🤩 you have been very busy my man 😊 So it's FUSELAGE time..... I, like the other avid viewers and followers of this god damn awesome construction you are giving to us have been LONGING for this part to begin - I soooo love cockpits and interiors 😊 If you get stuck with how to go on about any part of your build, please don't hesitate to ask one of us... we know you were struggling a wee bit with those OH SO EASY PEESY engines 🍀 Truly Mike, this is sensational stuff {glad you are following all my tips i send you by PM} hee hee 😊



09-29-2009, 12:33 AM

#323 (permalink)



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Hi Mike,
Your build is coming along beautifully but I think I've mentioned that (about a zillion times 😊). I was pondering over this fuselage decapitation (I was thinking about those poor little monkeys with their heads in a vice with the top of their skull *just* protruding above the table top...chisel politely placed on the table for left hand use)..maybe now it's time for a practice run? I'd really hate to bugger this one up as I know I would in your place! Is there a demarcation line so to speak? Maybe that rotary took of yours has a nice fine cutting blade 😊 I don't know man...this is scary!

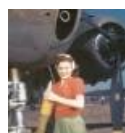
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



09-29-2009, 01:17 AM

#324 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks Peter, I know I can always count on you! Expect a flare or two to go up in the coming days as this fuselage kicks my butt. 😊

Ron, I saw that monkey head movie (blech!). When I saw the above illustration, I immediately thought of that Kevin Costner movie "Dances With Wolves" when that guy gets scalped (double blech!!).

I think what I'm going to do, since five mat board formers are involved, I'm going to pre cut the formers first, tack glue them back together then build up the fuselage. That way, I only have to cut through the outside skins. I figure a single edge razor blade like you can buy at Home Despot will be sharp enough. But you're right, a pre-build might be in order.

Still pondering this one through.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 09-29-2009 at 01:43 AM.



09-29-2009, 01:33 AM

#325 (permalink)

kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

Well, that's a technique I haven't seen before (decapitating the fuselage), but I think it makes sense. I would use a small #11 exacto; new and sharp! Cutting with very little pressure to avoid stretching the paper.

Any indication as to how to glue it back together??

Ken



09-29-2009, 02:58 AM


#326 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **kenlwest** 
Any indication as to how to glue it back together??

Ken, once you pop the "top" (so to speak), the interior gets lined with parts A13,14,15, and 16 (left and right). The tops of these parts overhang the cut edge of the fuselage and become the flanges by which the top is aligned/glue to. Seems that it would work, in theory anyway.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



09-29-2009, 03:39 AM


#327 ([permalink](#)) 



Sakrison 
Member

Join Date: Jul 2007
Location: Ripon, WI, 20 mi from Oshkosh - center of the Aviation Universe
Posts: 163

Quote:

Originally Posted by **Bomarc** 
Another reason why matching colors is a black art; different lighting yields different results. I was thinking to draw back in some lines and rivets, add a little clear matt spray at the end, who knows, maybe it will all come together then.

Take heart, Mike. My years of hanging around the EAA museum and restoration shop and my recent visit to the National Air & Space Museum prove to me that the only two times (if ever) that any airplane's paint job is uniform are, 1) the hour before it leaves the factory, and 2) the day it comes out of the restoration shop and onto the climate- and lighting-controlled museum floor. Paint batches, repaired or replaced panels and fairings, lighting, aging, weathering, underlying materials, temperature, humidity, and the painter's wretched hangover all have an effect on an aircraft's finish--from one part, panel, or section to the next.

"Better a diamond with a flaw than a pebble without."
You're doing a superb job of modeling--and teaching. Thank you!

Cheers,
--David

P.S.: Orlik should still fire their printing company. That we agree on.

www.ChasingtheGhostBirds.com My Model Pix at: <http://sakrisonwings.blogspot.com/>
"It ain't what they call you; it's what you answer to that matters." -- W.C. Fields



09-29-2009, 10:48 AM

#328 ([permalink](#)) 



jagolden01 
Member

Join Date: Jan 2008
Posts: 503

Agree with David completely.
From fuselages to wings to hulls and all, nothing is straight and perfect when it comes to heavy machinery, military, ships/boats etc.

Even those shiny race cars have splotches, dents and noticeable repairs when you really look at them.



09-29-2009, 02:28 PM

#329 ([permalink](#)) 



Wyvern 
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

Dang, Mike, I'm not sure I'd have the courage to cut off the fuselage. I'll have my fingers crossed for you!

Wyvern



09-29-2009, 06:17 PM

#330 ([permalink](#)) 



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Wyvern**
I'll have my fingers crossed for you!

Thank you sir, mine are crossed too!

Did a last bit of Google translating to see if I missed anything:

Not sure about "Plywood", but who am I to question? If Orlik wants plywood in there, then they're gonna get plywood!

Think I have enough info, and hopefully can start this tonight...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>






Tags [Edit Tags](#)

None

Quick Reply

Message:





Options

Quote message in reply?

Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) ▾ [Calendar](#) [New Posts](#) [Search](#) ▾ [Quick Links](#) ▾ [Log Out](#)

[Post Reply](#)

Page 34 of 77 [« First](#) < 24 32 33 **34** 35 36 44 > [Last »](#) ▾


[View First Unread](#) [LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ [Rating](#): ★★★★★ ▾ [Display Modes](#) ▾

09-29-2009, 06:30 PM

#331 ([permalink](#)) 



rickstef
Administrator

Join Date: Jun 2007
Location: Wilmington Delaware
Posts: 1,903


How about thin ply, maybe regular bond paper?

"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo

[Quote](#)  

09-29-2009, 06:58 PM

#332 ([permalink](#)) 



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,
sklejka = connecting strip
nie przecinac = do not cut

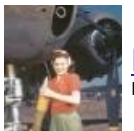
I think that what they intended is to partially cut out the inside of the frames to maintain strength of the walls, wrap the formers with skins, cut the roof out and only then finish cutting out the inside of the frames.
Putting the roof back on will require very careful work to get a nice clean connection....

Michael Krol
www.gremirmodels.com

[Quote](#)  

09-30-2009, 01:08 PM


#333 ([permalink](#)) 



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

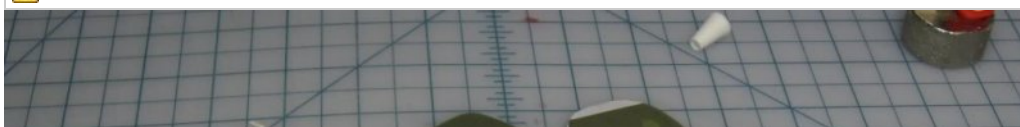
Quote:

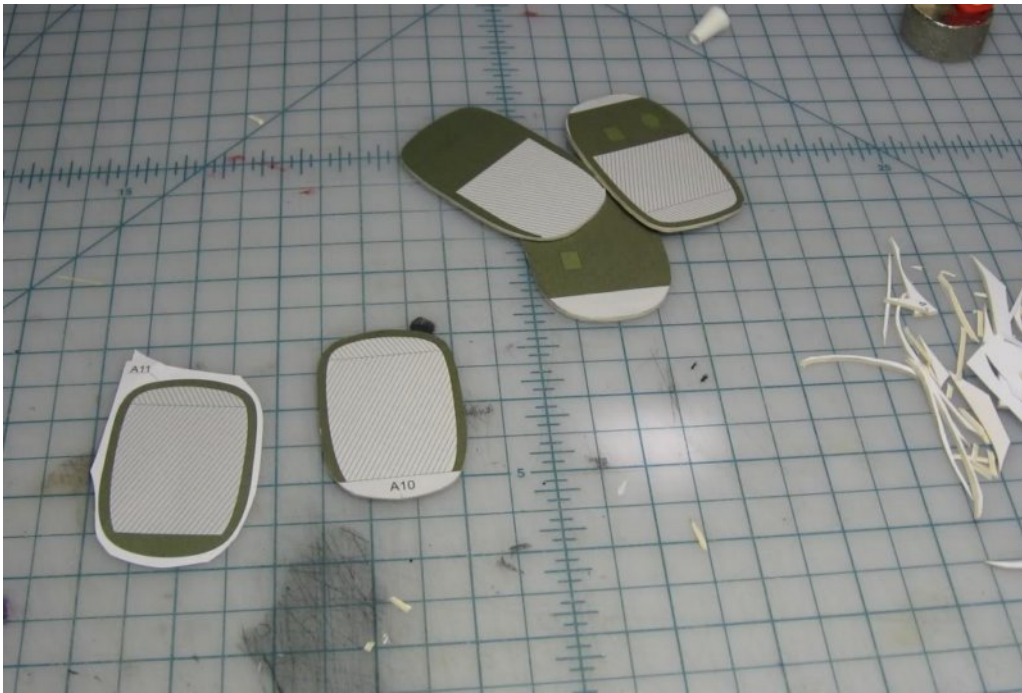
Originally Posted by [GreMir](#) 
I think that what they intended is to partially cut out the inside of the frames to maintain strength of the walls

Thanks Mike (oh no, he's talking to himself again). I plan to cut out the insides of all the formers and spot glue them back together. That and wrapping the outside with the connector strips should keep things together....I hope!


On that note, an excruciatingly slow start on the formers last night, not helped by the fact that I was "under the weather" with allergies (ah-choo!). Cut out the five bulkheads, four of which have a paper part glued to their backsides, so that took some time:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x688.




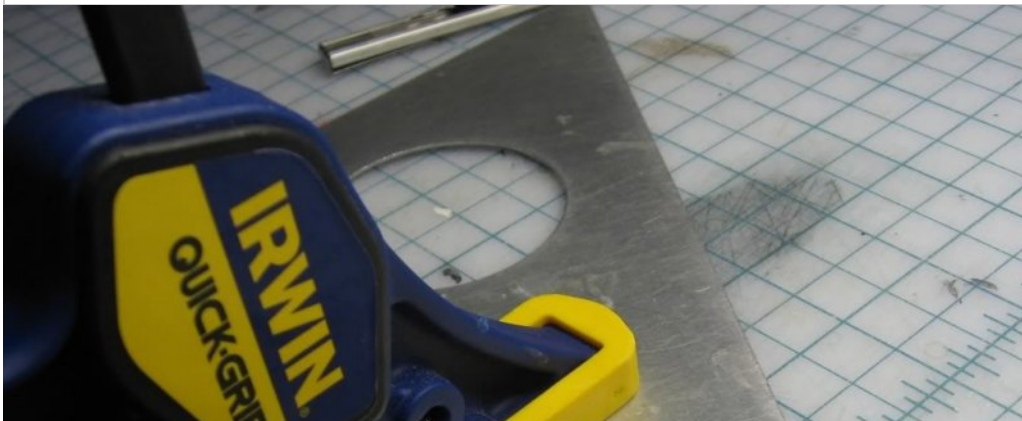


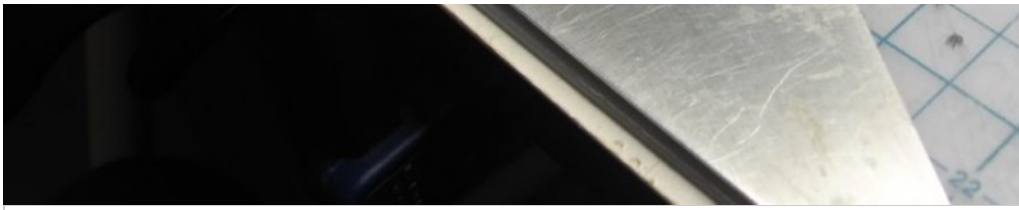
When I have to laminate individual parts (vise large sheets to mat board, etc.) I like to use Aleene's. I think spray glue is more trouble than it's worth in these small situations. I just spread the Aleene's down using a scrap piece of mat board, then use a squeeze clamp and press it flat:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x775.

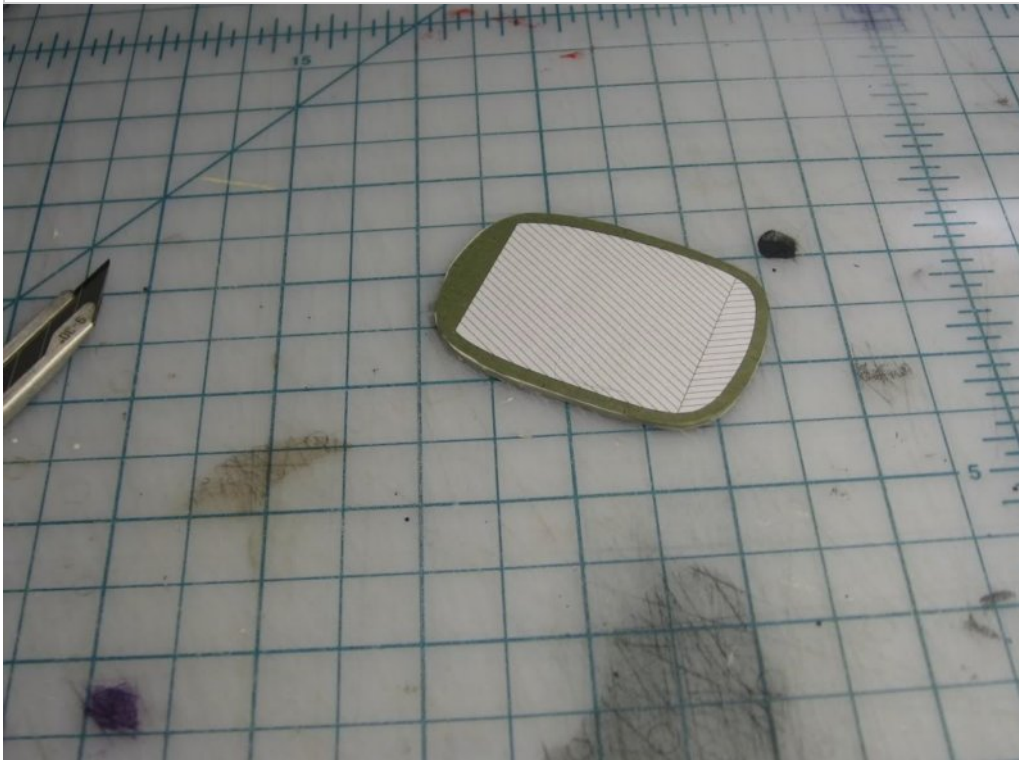


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769.



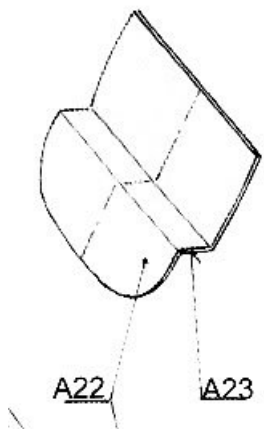


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x757.



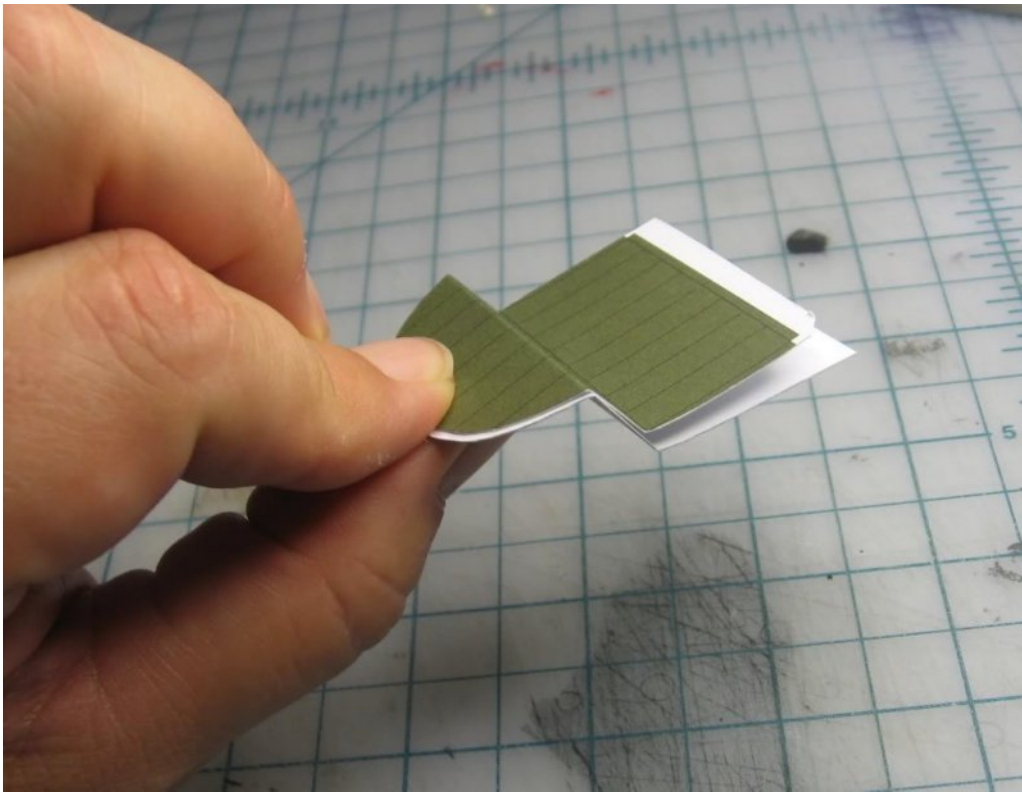
Smooth and flat. Be sure the surfaces that you use to press with are free of defects (glue blobs, etc), otherwise you'll emboss that into your part (trust me on that one). Also, don't leave it clamped to dry, it won't in your lifetime (really trust me on that one).

Orlik continues its stellar record of misidentified parts. While waiting for the formers to dry, I thought I get some of the other parts ready. A22 and A23 are the front end of the bomb bay and didn't look too hard:

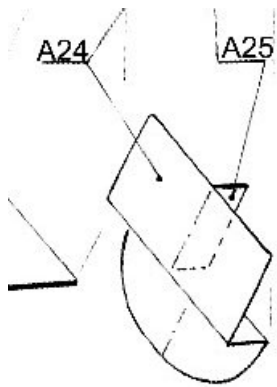


Cut and fold I tried to fit them together:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x787.

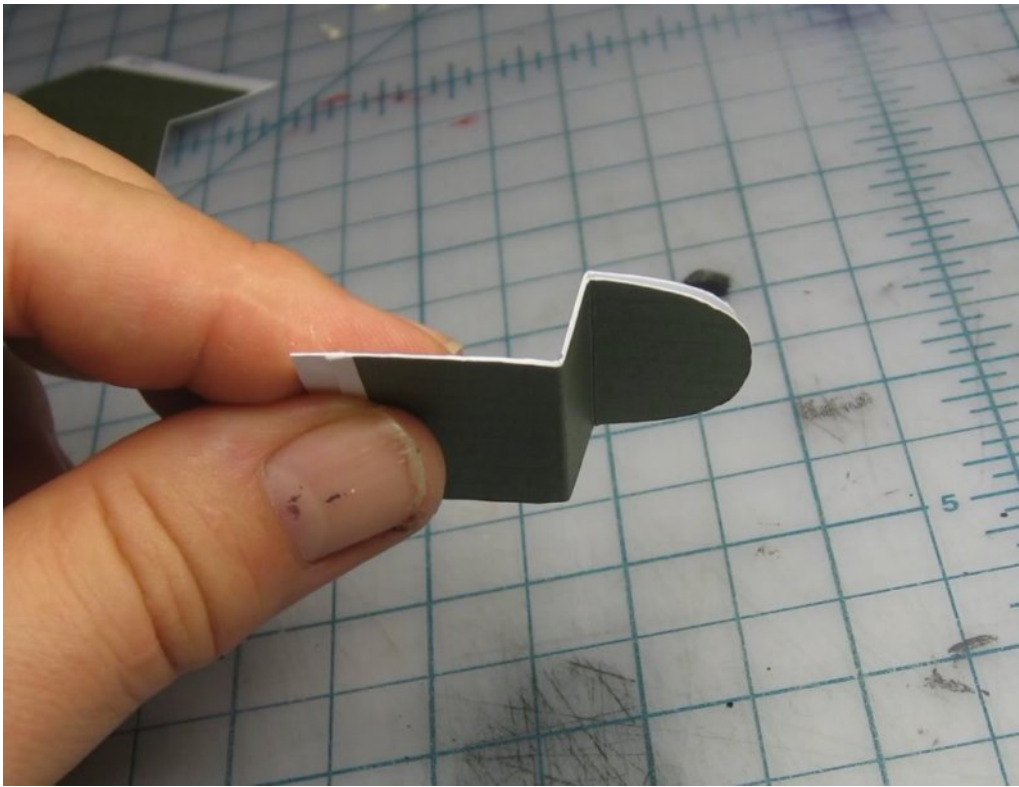


Wait a minute...what? There's another part, A24, the rear bomb bay bulkhead:




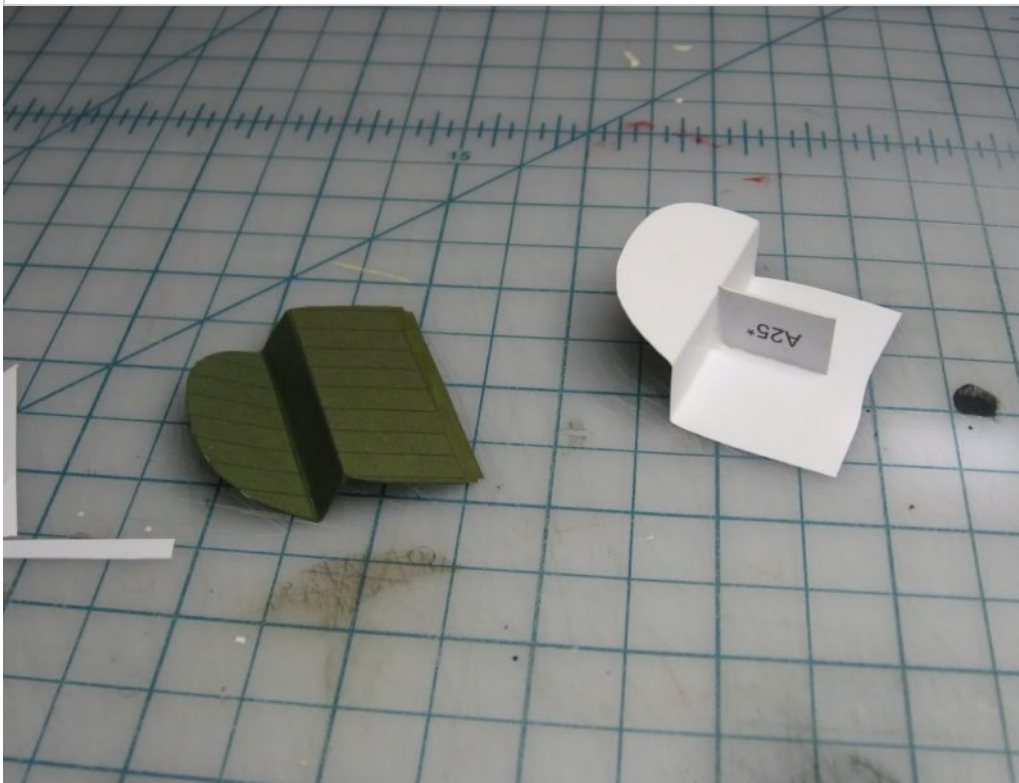
Cut that out and put it with A23:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x781.



OK then! So A23 and A24 go together, and A22 goes with the correctly identified A25, which fits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x779.



There's more of that which I will relate as I go.....Orlik, Orlik, tsk tsk (shaking head)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[felixalv](#)

Member

Join Date: Mar 2009
Posts: 8

Hello Bomarc:

I am building the B-25 J Mitchell, I put you the link of my construction by if you can catch some reference, although my construction so is not refined as yours

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

Greetings from Spain



09-30-2009, 07:55 PM

#335 ([permalink](#))

[felixalv](#)

Member

Join Date: Mar 2009
Posts: 8

Hello Bomarc:

I am building the B-25J Mitchell and I am putting the process of construccion in a forum in Spanish, I put you so that have but references in your assembly, I think to take some references of yours; -) My construction so is not refined as yours although do neither I have as much experience as your in the model-making in role, but I expect that can serve you of aid for your model.

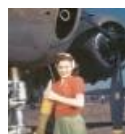
[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

greetings from Spain



09-30-2009, 08:53 PM

#336 ([permalink](#))



[Bomarc](#)

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Hello and welcome aboard Felipe!

I actually discovered your build a couple of weeks ago and posted a link to it in this thread, oh, I don't know how many pages ago. Your B-25J is looking terrific, and I like the detail and care you're putting into it. The landing gear wheels came out great!

As you may have notice, my build is anything if not s-l-o-o-o-w, but we're having fun here and I'm glad you've joined us and hope you enjoy the ride!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



09-30-2009, 10:33 PM

#337 ([permalink](#))



[milenio3](#)

Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 734

A very astonishing build, Mike! I took these past 3 days going thru your building systems (tips & tricks), and I see you are having such a fun time! And of course, trying to learn a bunch, and apply some to my *sigh* almost lost Modelik Seafire (sorry, no camera, no report on this one).

Keep on going man!

PS Felipe, welcome to the forum. I hope you can include one of your great models here too.

PS2. Don Boose... I see that you added some salt and pepper to Mike's thread with your amazing stories! Keep the successes coming with your writings!

- Gerardo

Paper Modeling in Mexico

Visit my [Blog](#) and my [Web Site](#) on Paper Modeling



09-30-2009, 11:29 PM

#338 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 105

Hail all good people here!,

lifts mug and salute all newcomers welcome Felipe!

Ahh hem!(clears throat...) so mike...whats the next move?? ...come on laddie!...

one love....

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



10-01-2009, 04:26 AM

#339 (permalink)



Bomarc
Member

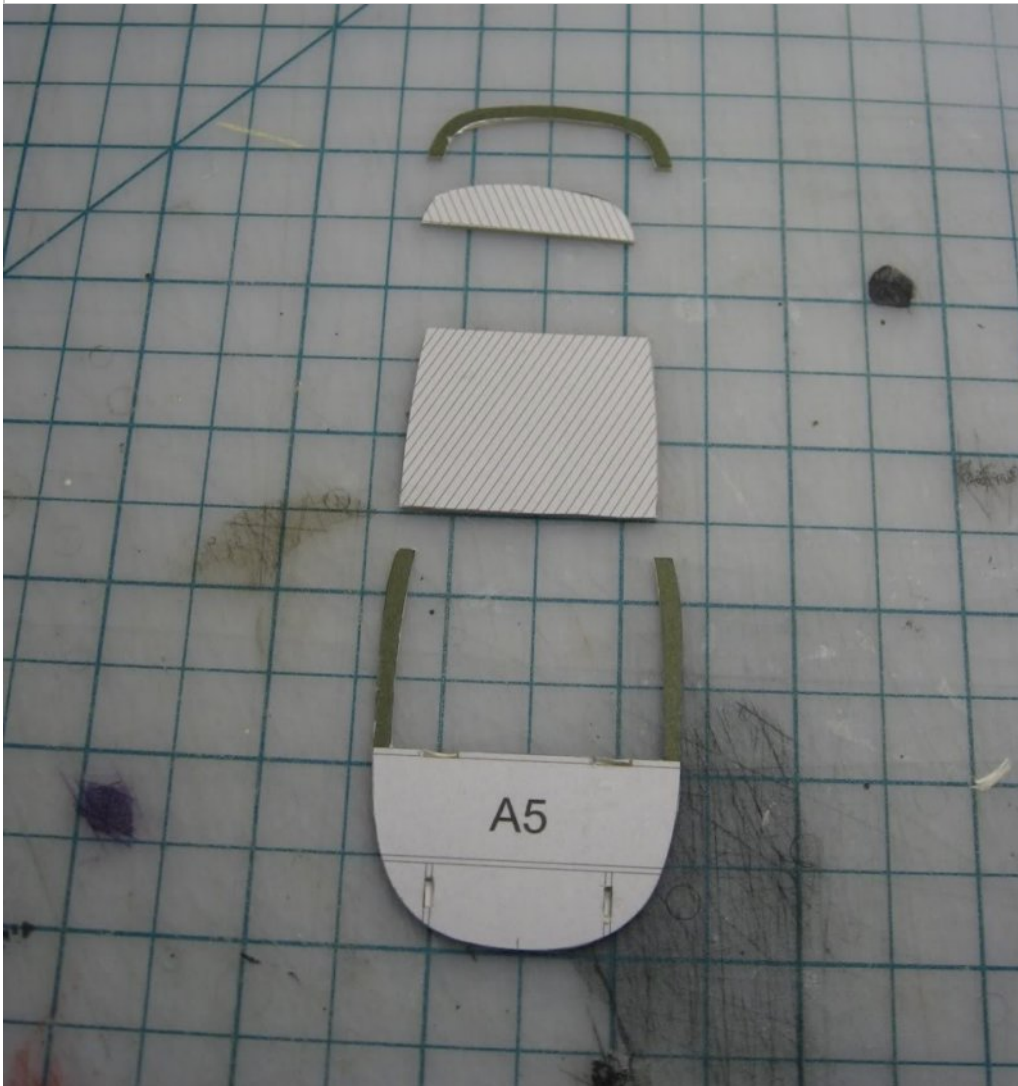
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Hi Gerardo! Thanks for stopping in and for the kind words. Check back often, as I try to post on a somewhat regular schedule. Although as you might have noticed above, perhaps not as regular as *some* would have it....

Well, this fuselage is starting to kick my behind already .

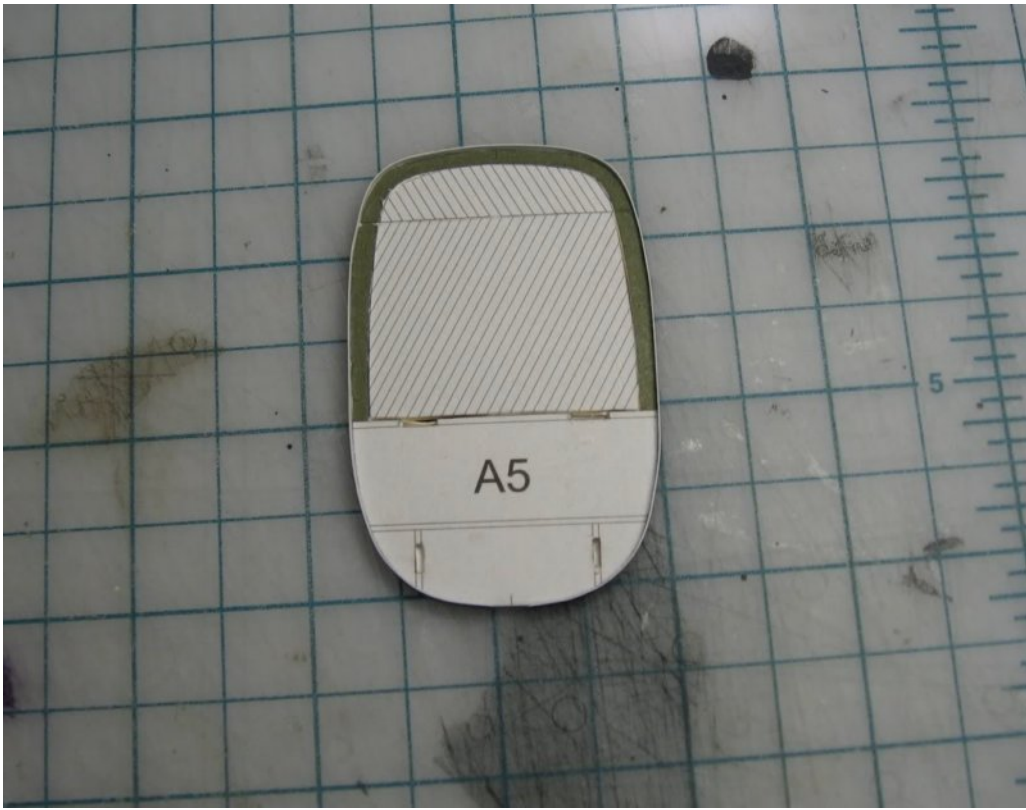
Started off well enough. Took each former and separated them where they would be cut during the "scalping" operation, plus cut out all that would be removed entirely:

This image has been resized. Click this bar to view the full image. The original image is sized 964x1024.




Then spot glue the whole back together and wrapped with the connecting strip, just like the little picture in the instructions :

This image has been resized. Click this bar to view the full image. The original image is sized 1024x804.




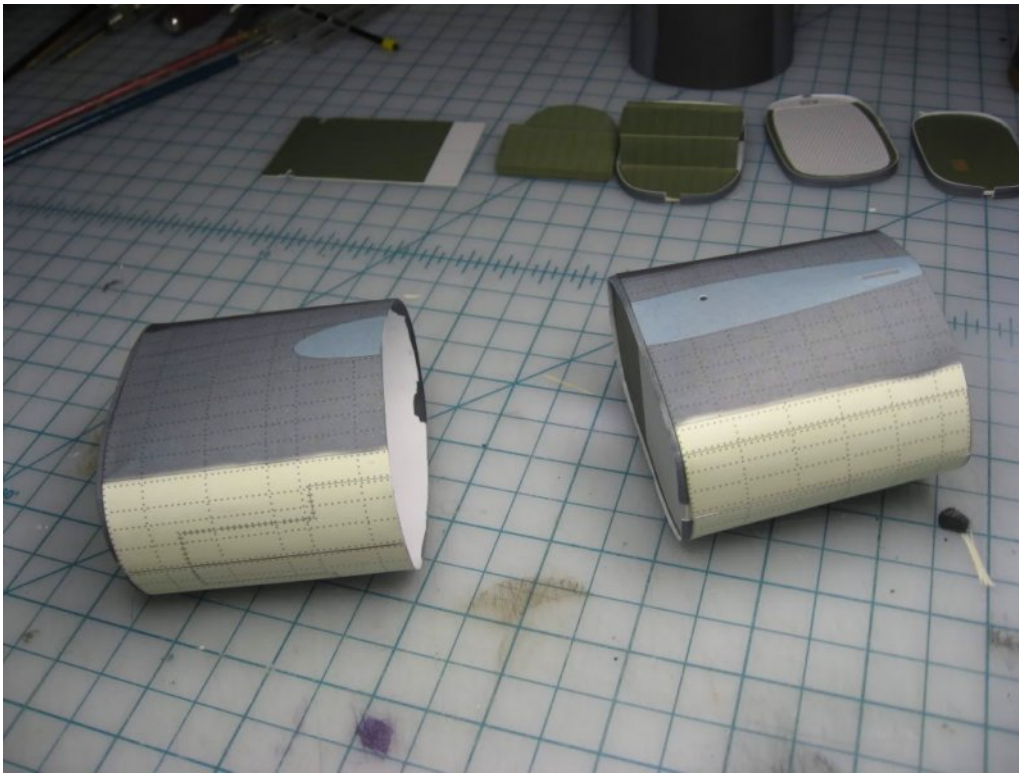
After the formers were "prepared", cut out the skins and any floorboards, and I was ready to roll (literally):

 This image has been resized. Click this bar to view the full image. The original image is sized 768x1024.



Rolling those big fuselage skins was easy. Then it started to get weird. I glued the first former in and realized I wouldn't be able to add the next former to that roll, because I now couldn't get behind it to align. So I glued the second former to the front of the next fuselage section. And that's where it started to go South. There was no way I was going to get the free edge of the first section over the scant bit of strip on the front of the second section:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



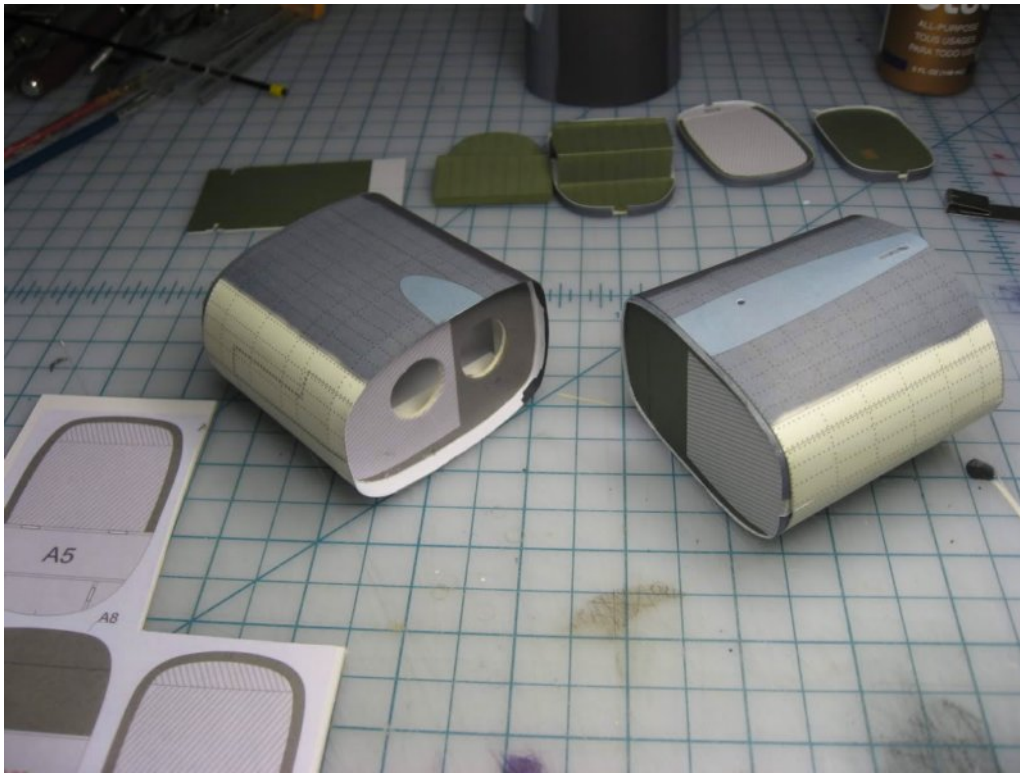
I tried shoe horning those suckers together for what seemed like an eternity, until I started to damage some of the edges of the free end, because I couldn't get it to take the shape of the installed former (I needed two extra hands). It was then I realized I was letting this stuff beat me and needed to noodle it through. Cleaned up the edges and reinforced one spot where the edge really took a beating, and it hit me. I printed out another set of formers (thank god I had the foresight to scan this beast before I started cutting), spray mounted that to some mat board, cut out the former I needed, and punched some finger holes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



Wrapped it in card like the "real" former and beefed up the back side so it wouldn't collapsed due to the holes. Now I'll slide that in and it pre-shapes the free end and gives me a fighting chance of getting the two to connect:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I figure when I pop the top, I can remove the dummy bulkhead then. If it works, I'll have to do this for the other sections as well. But for now, I'll let it all lie tonight, and try again tomorrow.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



10-01-2009, 10:57 AM

#340 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

Hi Mike. Great idea with the FINGER HOLES to get those formers right - i get round this issue by pushing long'ish pins {the type used for holding material together before it goes through a Sewing machine} through the former and a little piece of tape to hold them in place. When one former is in place, the other end former can be pulled into place using the pins, and when done the pins can be pushed back though the tape holding them. Still coming along nicely my friend 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Post Reply

Page 34 of 77 << First < 24 32 33 **34** 35 36 44 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 35 of 77 « First < 25 33 34 **35** 36 37 45 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

10-01-2009, 12:27 PM

#341 ([permalink](#)) 

Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Great ideas Peter.

Let me bounce one off you (I had another "eureka!" moment this morning).

One of my biggest gripes when making an assembly like this is that once I dry fit the two pieces together, and have them perfect to one another, I then have to *take them apart* and apply the glue, and that's when things go down hill rapidly. If a section of glue grabs hold prematurely, then it's a bitch to try and align the rest of the joint. I think that was the mechanism that caused the wing sag I experienced a few pages back.

The plastic modeler in me wants to run a drop of liquid cement in the joint when the parts are dry fitted together, and let capillary action do the rest, but we all know the viscosity of Aleene's, or even Elmer's for that matter. I wonder if I can achieve the same effect in paper joints this way:

I dry fitted the two parts this morning and my alignment dummy bulkhead trick worked, in fact the seam is damn near perfect. Well, both both mating surface still have a coat of dried white glue from last night ill-fated attempt to join them. If I keep the two parts dry fitted together, and using a paint brush, drop some water in the seam, would capillary action spread the water through the seam, and would the water reactivate the dried glue enough to create a bond?

Have you ever tried that? Has anyone who's reading this ever tried it? I think it would make a helluva nice joint, better than trying to smash the two things together.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-01-2009, 12:35 PM

#342 ([permalink](#)) 

OldTroll 
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

I do not believe it will reactivate the glue. It's a similar situation to acrylic (water-based) paint which, when dry, does not respond to water.

Ron S.



10-01-2009, 12:46 PM

#343 ([permalink](#)) 

GreMir 
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,

What I do is to dryfit the former in place and when I'm satisfied I spot glue with CA gel to make sure it will not move, then use scenic cement (thick white glue) to "seal" around the former.

Michael Krol

Michael Krol
www.gremirmodels.com



10-01-2009, 02:07 PM

#344 ([permalink](#))



jagolden01
Member

Join Date: Jan 2008
Posts: 503

Funny, Mike. I am just getting ready to post just that suggestion on one of my bildthreads about some long, fiddly formers.



10-01-2009, 04:29 PM

#345 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks for the tips guys. While I've used CA glue on the edges of paper parts to harden the paper a bit, I've never considered using it for actually joining the parts. I've always had a sense that the CA soaks into the paper making a permanent stain and doesn't actually bond anything to anything else. I suppose using the CA glue sparingly (spot gluing) avoids this, yes?

Quote:

Originally Posted by **OldTroll**

I do not believe it will reactivate the glue. It's a similar situation to acrylic (water-based) paint which, when dry, does not respond to water.

Perhaps Ron. All I know is that when I was coating those prop hubs with Elmers and a brush, sometimes I'd forget to rinse the brush with water to clean it right after, and the next day it was hard as a rock. A quick rinse under warm water would restore it. Don't know about Aleene's, but I was using Elmer's last night....

I think a mock-up test tonight is in order! Oooh, experiments.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-01-2009, 05:00 PM

#346 ([permalink](#))



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Mike,

I use two types of CA glue made by Loctite.

Green bottle has the normal stuff that I'm using to stiffen the parts - this one soaks into card and it's not really suitable to use as glue because it dries to fast.

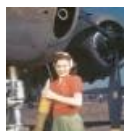
For gluing parts I use blue bottle Control Gel which is great for attaching small parts and edge gluing - gives you a bit of time to position the part and does not soak into the card.

Michael Krol
www.gremirmodels.com



10-02-2009, 12:02 AM

#347 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

It's alive.....It's ALIVE....

OK, conducted my experiment (insert evil laugh here). Made a tube with a typical connector application:

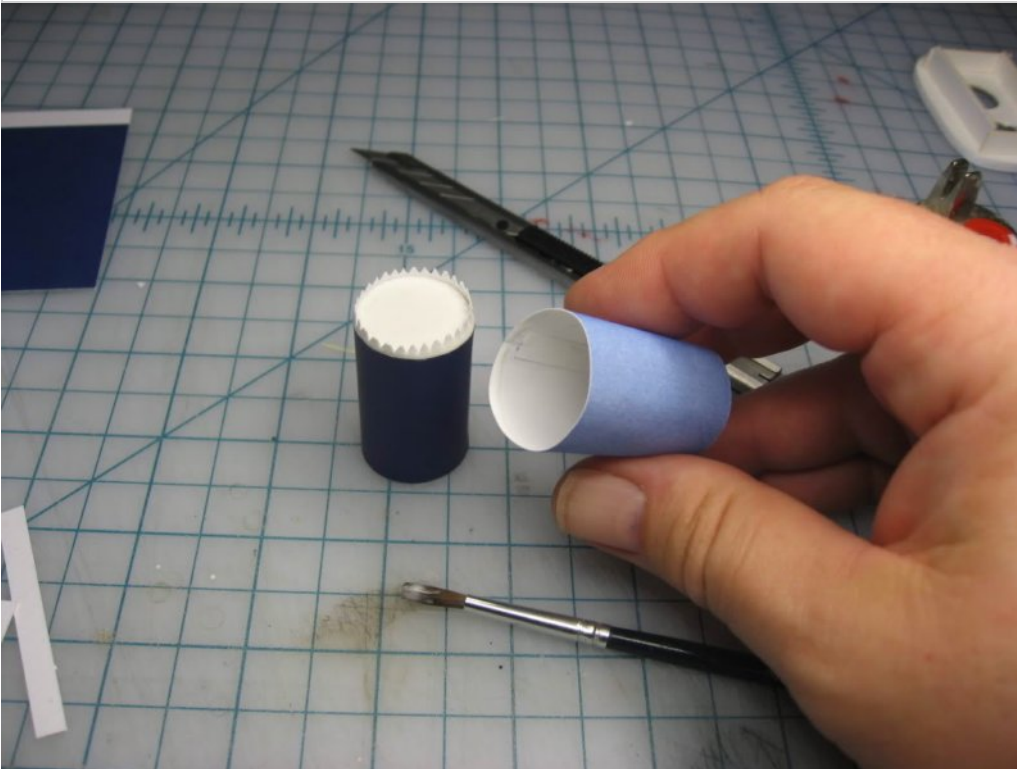
OK, conducted my experiment (insert evil laugh here). Made a tube with a typical connector application :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




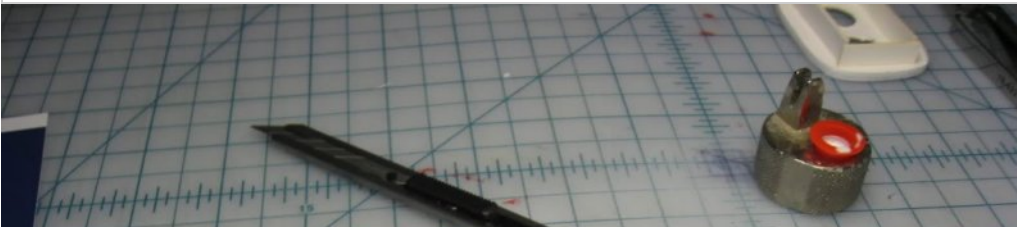
With a paint brush, coated the connector and the inside of the light blue tube with Elmer's glue. I let it dry completely:

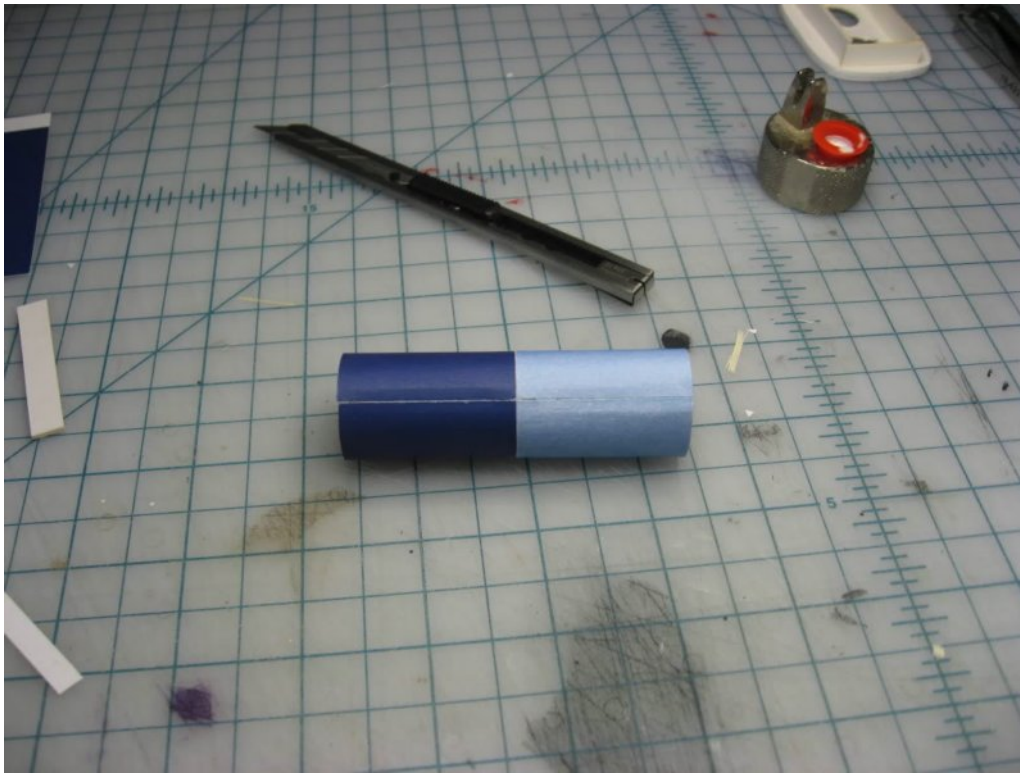
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Connected the two pieces, aligned the seam:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





Then flowed water in the joint with the same brush:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Waited 30 minutes (insert Jeopardy thinking music here). I couldn't pull them apart. No picture of that as I needed one hand to take the picture, but I did perform some destructive testing on the light blue side:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x816.





Looks like it bonded to me. I'm satisfied that this will work and I'm going to try it on the fuselage assembly.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-02-2009 at 12:43 AM.



10-02-2009, 12:09 AM



OldTroll
Member

#348 ([permalink](#))

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Now that is a significant discovery. Was there any noticeable staining or deformation caused by the water? Were the tubes from inkjet-printed paper or from some other source? I just got done joining some fuselage rings for the Corsair where this technique would have been quite useful.

Ron S.



10-02-2009, 12:21 AM



Bomarc
Member

#349 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Ron, I used 65lb cover stock printed on a laser printer, which seemed to hold up to the water OK. I needed to slightly separate the joint to give the water somewhere to go. The light blue paper started to get soft but I also noticed the glue grabbing hold as I pushed the parts back together. Definitely didn't want to disturbed it until it was dry. Have to play around with it some more, but definitely could be useful in tight situations.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-02-2009, 12:31 AM

#350 (permalink)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 650

Key part of that equation is the laser printer. It would be a disaster on inkjet.

Ray

Don't squat with yer spurs on.....It's gonna hurt

Tags [Edit Tags](#)

None

Quick Reply

Message :

Options

Quote message in reply?

Show your signature

[<< Previous Thread](#) | [Next Thread >>](#)

Posting Rules

You **may** post new threads
You **may** post replies
You **may** post attachments
You **may** edit your posts

BB code is **On**
Smilies are **On**
[IMG] code is **On**
HTML code is **Off**
Trackbacks are **On**
Pingbacks are **On**
Refbacks are **On**

[Forum Rules](#)

Forum Jump

Aviation

All times are GMT. The time now is 05:28 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 36 of 77 « First < 26 34 35 **36** 37 38 46 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

10-02-2009, 12:37 AM

#351 ([permalink](#)) 

Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Agreed, no ink-jet printing for this technique. But the printed parts of this Orlik kit take to getting wet OK (don't ask me how I know that), so this method will help in this situation.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[Quote](#)  

10-02-2009, 12:54 AM

#352 ([permalink](#)) 

peter taft 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005

I have NEVER tried this.. but guess what  you did it for us and that has made the term COCK UP nearly obsolete my friend. I knew brushes could be restored if left too long before cleanup, but i would never have thought a tiny amount of water on a part would be sufficient to re-activate without damage... a TOP experiment with a brilliant outcome THANKS 

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)  

10-02-2009, 01:04 AM

#353 ([permalink](#)) 

CharlieC 
Member

Join Date: Jul 2007
Location: Brisbane
Posts: 914

You might be able to do this if ink jet printed parts were sealed with an acrylic - like Krylon or similar. I've used meths (denatured alcohol) on sprayed inkjet printed parts to form them without the ink running. I wonder if alcohol would do the same job - meths is about 5% water - certainly would dry a lot quicker.

Regards,

Charlie

[Quote](#)  

10-02-2009, 02:56 AM

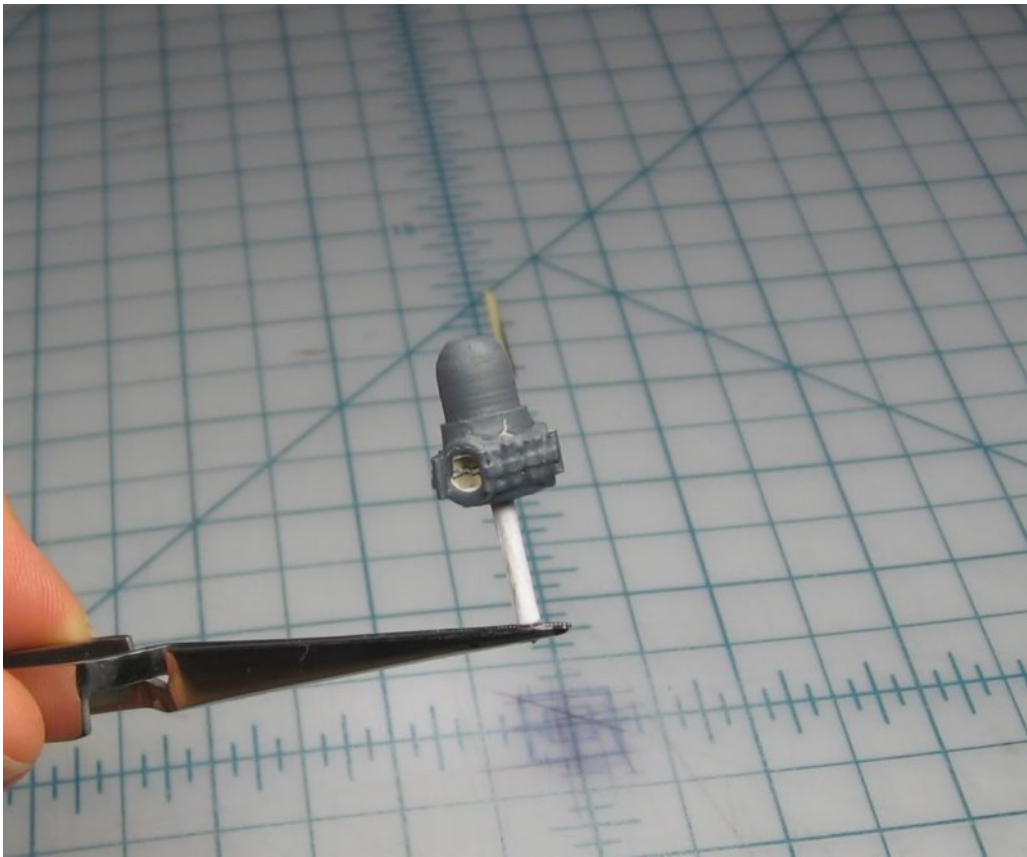
#354 ([permalink](#)) 

Bomarc 
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

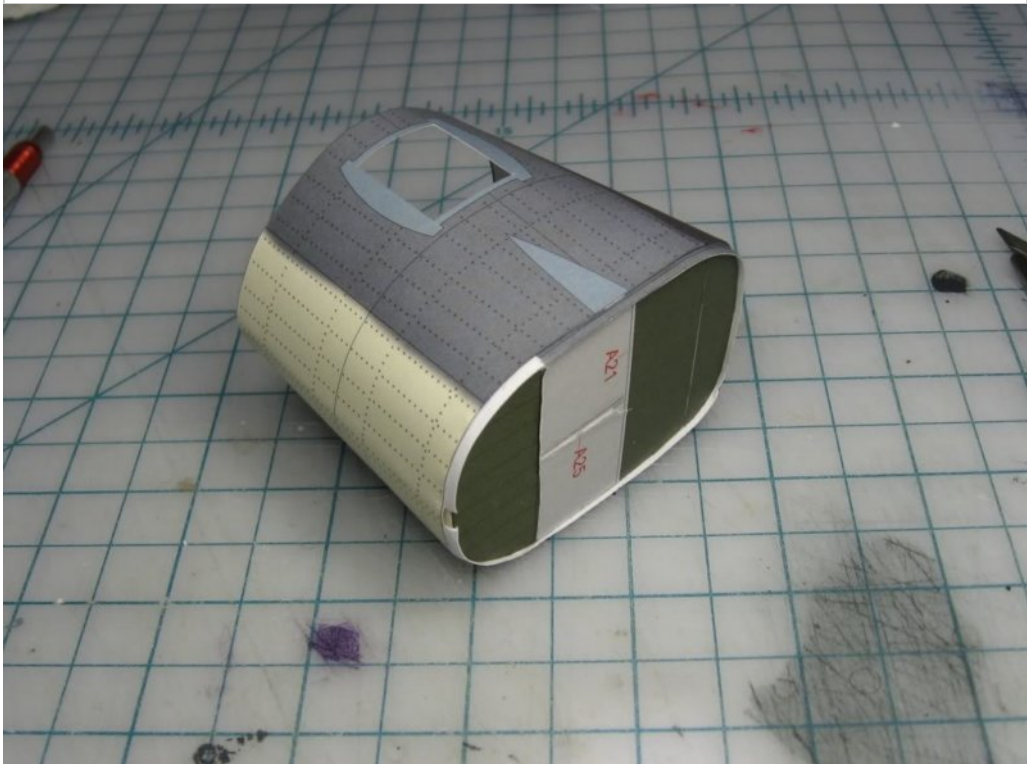
Charlie, alcohol could do the trick, excellent! The water that's in acrylic paint was enough to activate the layer of Elmer's glue I put on the prop hubs, causing slight cracking. From a previous post:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x852.

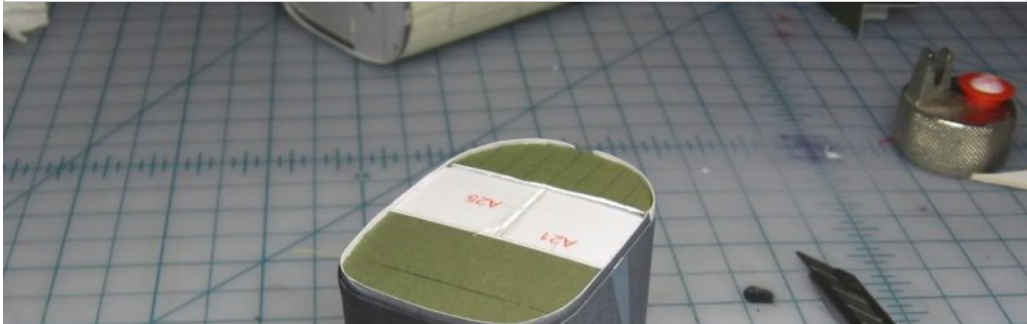


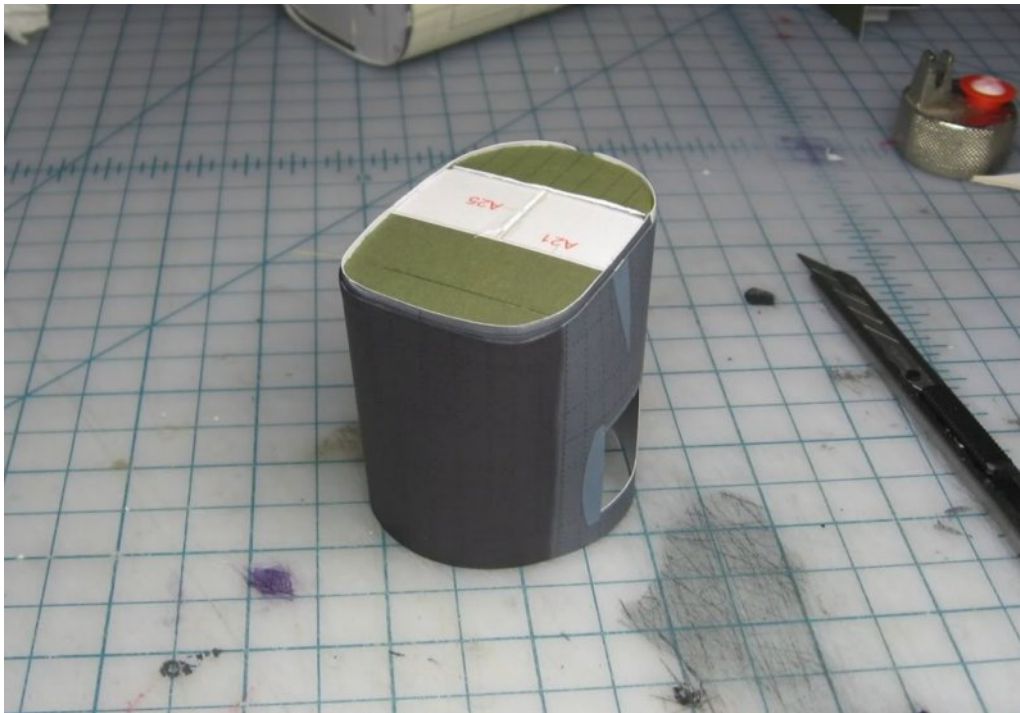
I attached the first former using the water method. Results below :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x761.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709.





The former stayed in place and the skin was evenly distributed around it. Notice how flat the side is and smooth the radii are. A couple of observations: Less is more in terms of water. I could see small signs of the paper getting water logged, but it returns to normal as it dried off. This is where Charlie's suggestion of alcohol could be a benefit. Just keep a paper towel handy to mop up excess. Secondly, once water's applied, don't move anything, the glue grabs pretty quick, and the damp paper can wrinkle. Hasn't happen here, but I was getting a vibe, if you know what I mean (and I think you do).

So far so good. In the background you can see the first fuselage sections now assembled. I used traditional gluing methods for this since I already pre-shaped the part with the dummy former and they went together without a fuss, BUT, I did apply the Elmer's with the paint brush. I'm liking the way the brush makes for a smooth glue application.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-02-2009 at 03:16 AM.



10-02-2009, 03:26 AM

#355 ([permalink](#))



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 650

Quote:

Originally Posted by [peter taft](#)
.. but guess what you did it for us and that has made the term COCK UP nearly obsolete my friend.

That term will never be obsolete! I spent to much time in the UK. I still use alot of old phrases I picked up over there. And it is fun watching folks go Huh?

Ray

Don't squat with yer spurs on.....It's gonna hurt



10-02-2009, 12:05 PM

#356 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Just like "bugger all", eh Ray?

Moving along on the formers (no pics sorry, I'll post some tonight). Two more observations on using the "water method".

The two surfaces that have the dried glue will have friction between them when they come into contact, very similar to when trying to rub two balloons together and they "stick". What that means is, if your former or whatever part had a snug fit when you dry fitted it, it may be hard to fit it back after the contact surfaces are coated with glue. Also, the glue does add a slight amount of thickness to the parts, but I find it's the "stick" that's more of the issue. So go for a somewhat loose fit in the dry fit stage.

Having said that, remember that capillary action works best when the two surfaces touch, and that's true enough in this method. The last former I glued in had a snug fit all the way around and I could see the water being sucked in. In fact I wasn't even sure I was putting enough water in since it would all disappear, but after I let the assemble sit for awhile, I couldn't move the part at all, so I knew the glue took hold.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-02-2009, 10:04 PM

#357 ([permalink](#))



Join Date: Nov 2007
Location: hadera israel
Posts: 98



Quote:

Originally Posted by [Bomarc](#)
Agreed, no ink-jet printing for this technique. But the printed parts of this Orlik kit take to getting wet OK (don't ask me how I know that), so this method will help in this situation.

Mike

hi mike

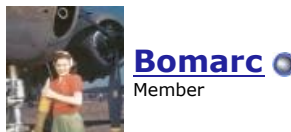
i just tried this method of bonding/glueing with an inject printed parts ...only i brushed the water on the inside of the part(on the joining strip-it works like a charm with no deformations or stains.
just wanted to tell you guys that it works with inject prints....
grate method that i will shurely use from now...thanks for that.

Moshe O



10-03-2009, 03:57 AM

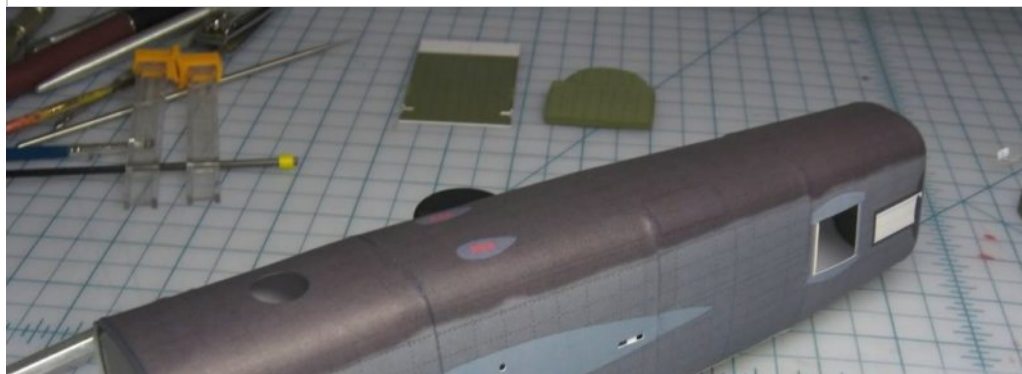
#358 ([permalink](#))

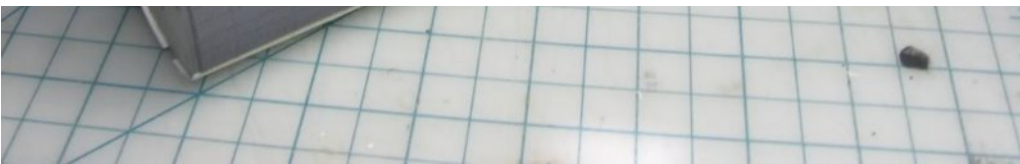



Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

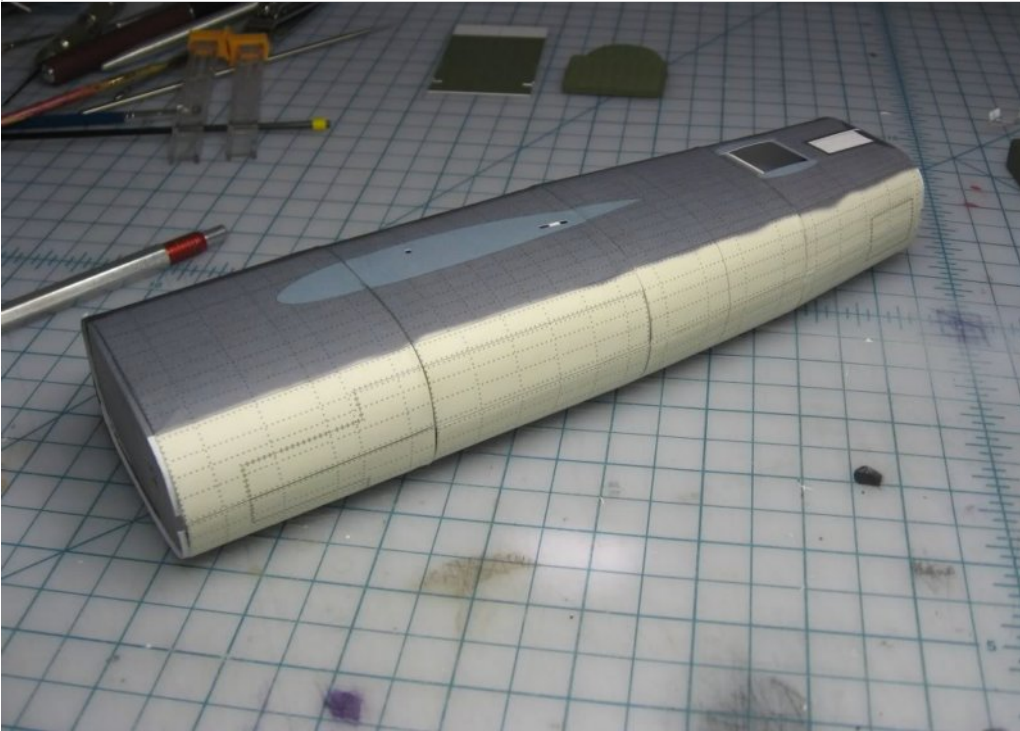
Thanks for the input Moshe! I'm glad the method is working for you and that you had success with ink-jet prints. I definitely had success, as the combination of the dummy bulkheads and water trick made for a clean and smooth assembly of the fuselage "core":


This image has been resized. Click this bar to view the full image. The original image is sized 1023x680.

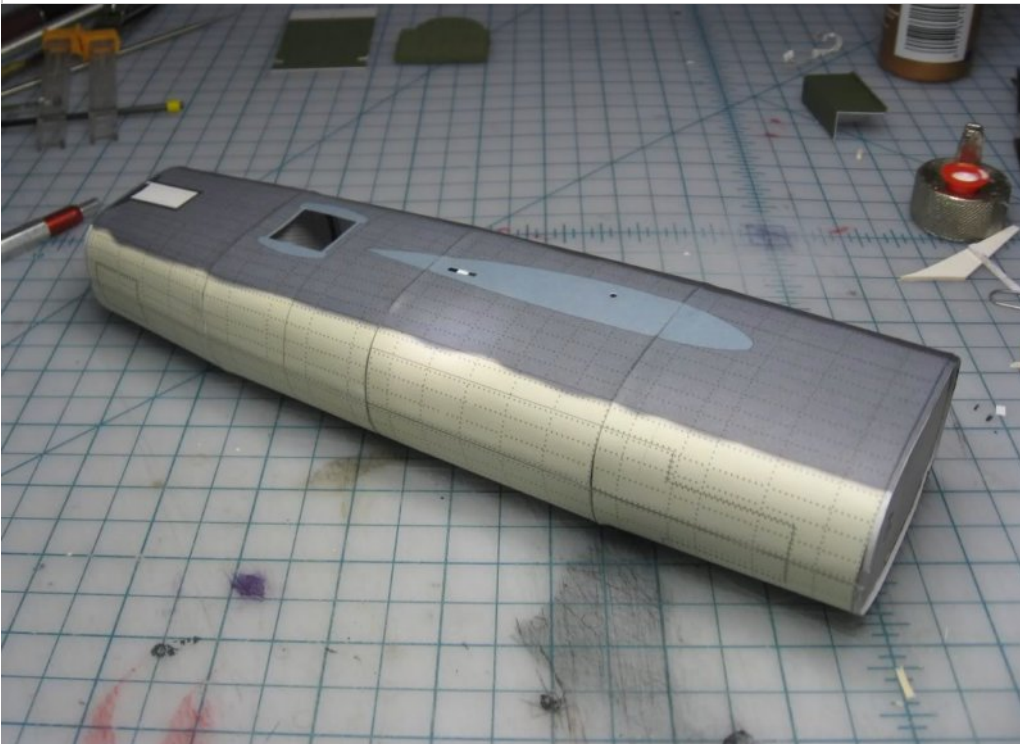





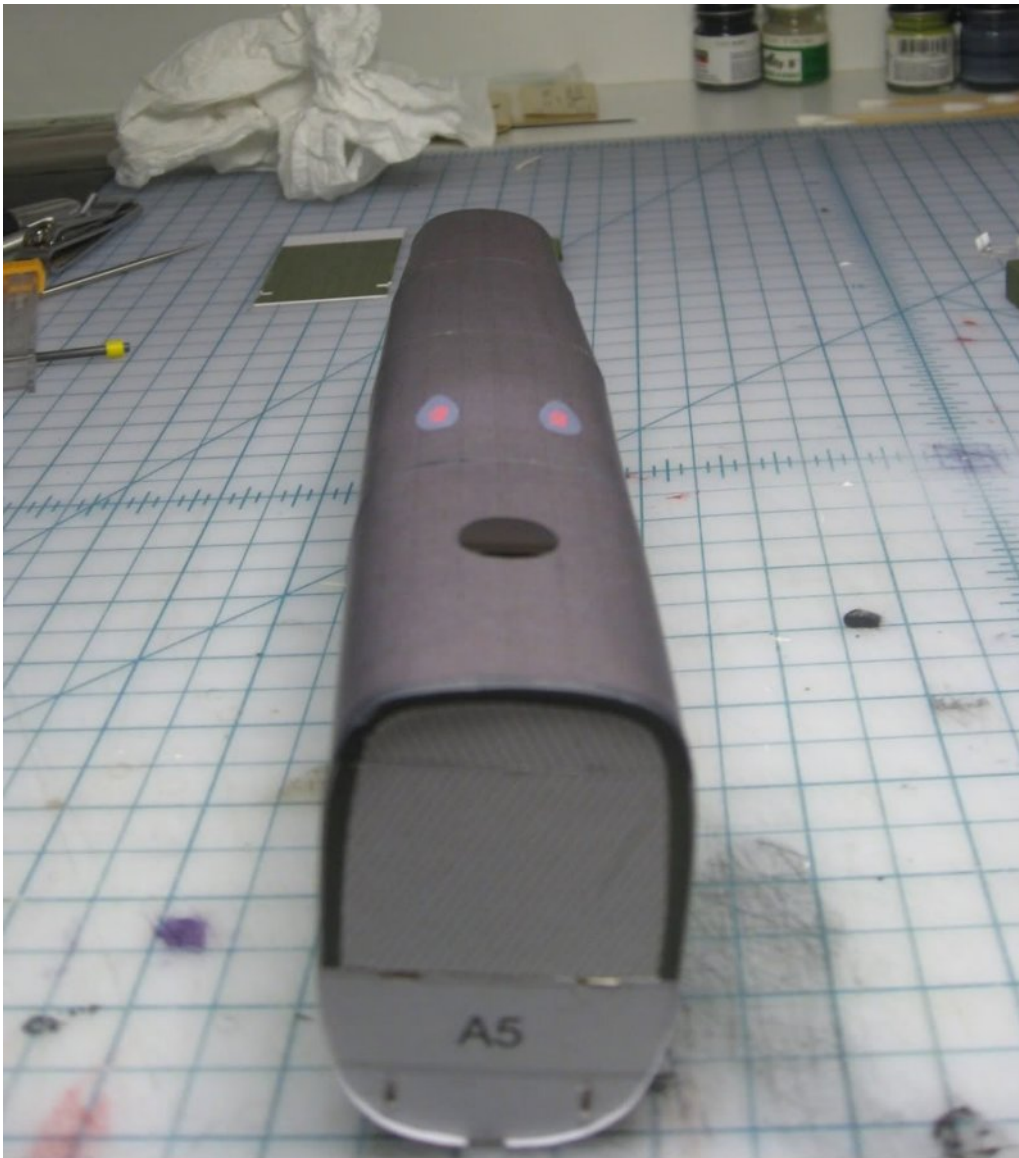
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x742.



 This image has been resized. Click this bar to view the full image. The original image is sized 906x1022.



The first joint was the near disaster joint that had me think a different way and come up something better. The next two joints and associated bulkheads where done with the something better. Not too shabby.

Surgery starts tomorrow morning.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-03-2009, 04:37 AM

#359 ([permalink](#))



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 961

That ... is ... beautiful. I'm gonna' have to leave the room when you cut the top off (give us some warning so we can get the little ones out of the room too).

Yogi

BTW - some thoughts on the glue. PVA and similar glues don't "dry." As the water carrier evaporates the resin in the glue reacts with oxygen in the air to polymerize. Does your glue re-activate when fully dry or are you working the trick shortly after the glue skins over and loses its tack? It does look like you're getting a bond stronger than the paper so it seems to be working well.





Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Actually Yogi, the glue coat can sit 20 minutes or 20 hours, it doesn't seem to matter. One of the formers and it's associated outer skin were coated with the glue one night, but for whatever reason, I couldn't actually assemble until the following afternoon, about an 18 hour lapse. Worked just as well.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





Tags [Edit Tags](#)
None

Quick Reply 

Message :



Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules 

You **may** post new threads
 You **may** post replies
 You **may** post attachments
 You **may** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

Forum Jump

Aviation 

All times are GMT. The time now is 05:30 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 37 of 77 « First < 27 35 36 **37** 38 39 47 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾


10-03-2009, 05:51 AM

#361 ([permalink](#)) **John Bowden** 

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 784

Man!!! I can not believe you are going to cut the top off those pieces.....

I'm with Yogi..... I just can not watch..... somebody call me after he's done. I'll be over in the corner with my eyes closed and my hand over them! 

[www.dgapapermodels.com](#)[My Drawings](#)[Quote](#)  

10-03-2009, 05:56 AM

#362 ([permalink](#)) **Bomarc** 

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [Retired_for_now](#) 

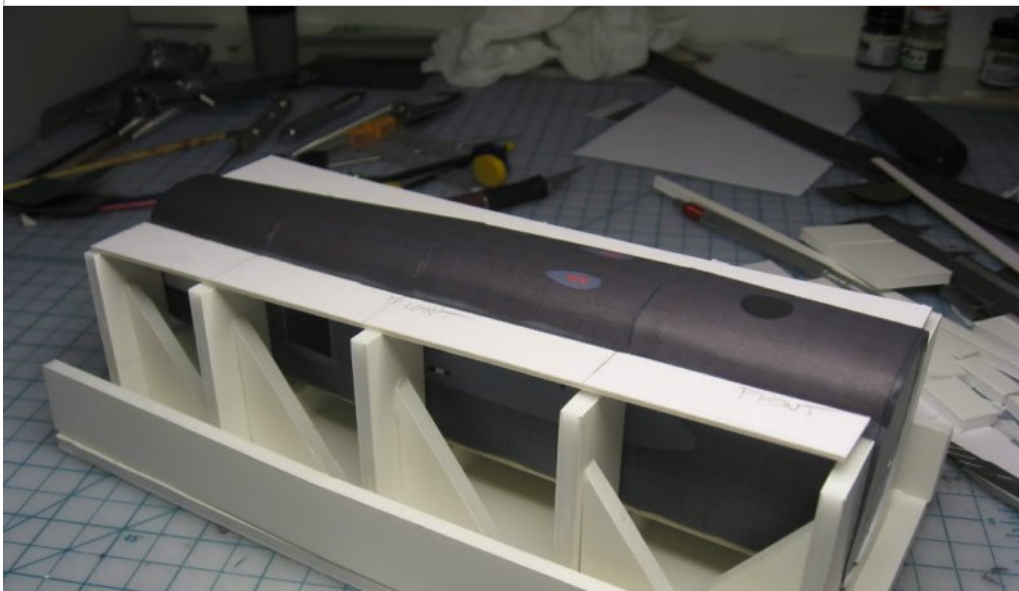
I'm gonna' have to leave the room when you cut the top off (give us some warning so we can get the little ones out of the room too).

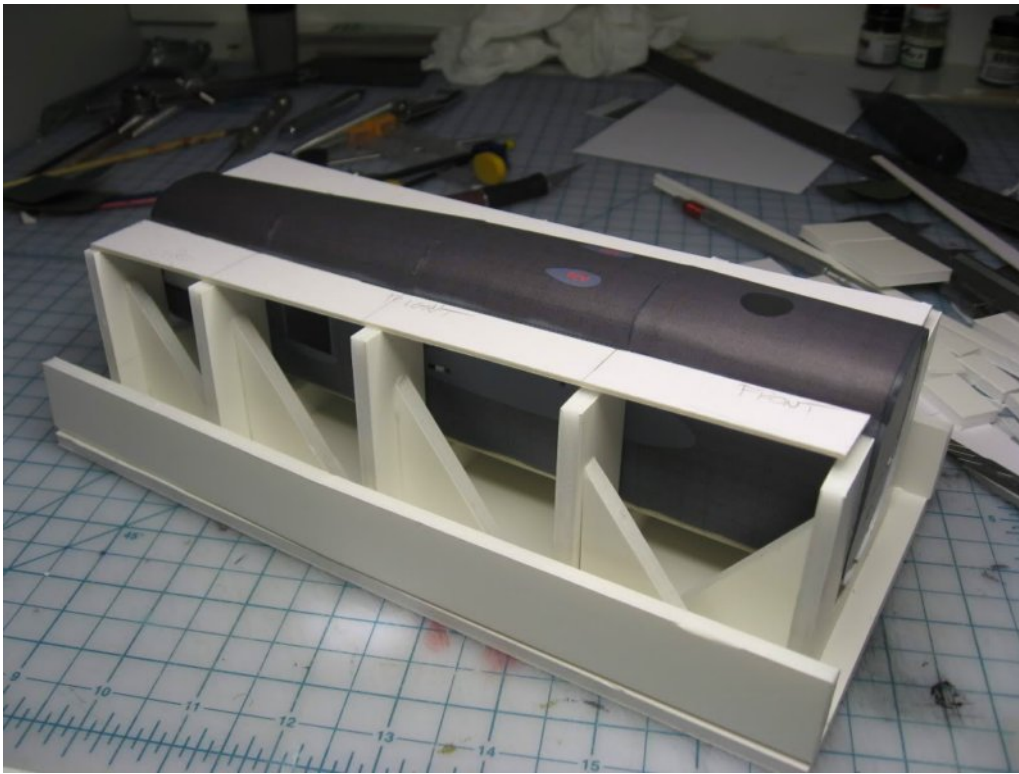
Yeah, it's gonna be gory.

One last pic before I retire for the night. Since I'm only going to get one shot at this, I want to stack the deck in my favor as much as I can before I do the deed. Typically, the line I need to cut along isn't even straight, but curves.

My solution? It's not done, but:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





Welcome to my dementia.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-03-2009, 01:33 PM



GreMir
Member

#363 ([permalink](#))

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

Great idea with the "operating table" !

I think you did all that can possibly be done to make this surgery a success. Now all you need is patience, steady hand and perfectly sharp, long blade. Lots of luck won't hurt either....

Michael Krol
www.gremirmodels.com



10-03-2009, 03:14 PM



flying rasta
Member

#364 ([permalink](#))

Join Date: Aug 2009
Posts: 105

Prep the OR....where is my eye shield?....ok....ready..(Insert suspense soundtrack here).

Mike, I think I speak for all of us when we say..be careful..God speed..steady hands..

Let's proceed with extreem caution...

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



10-03-2009, 03:21 PM

#365 ([permalink](#))



smyfe
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 229

Mike, I've been fascinated by your build from the start and think it's a great piece of work, however, I think you must have nerves of steel to carry out your "operation" 😬
Best wishes
Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS



10-03-2009, 04:33 PM

#366 ([permalink](#))



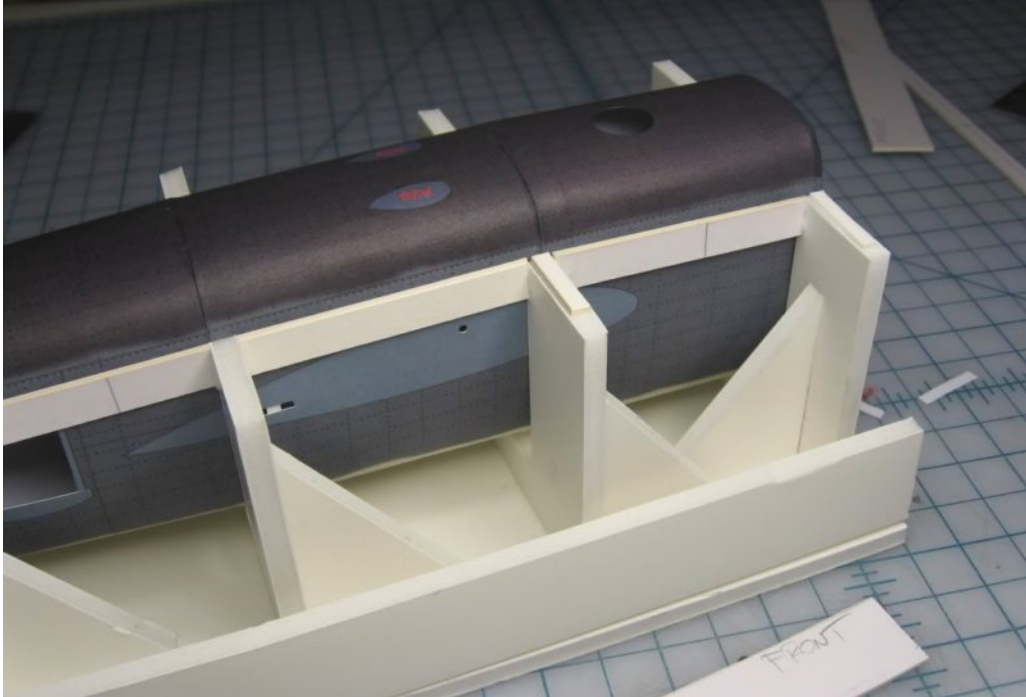
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks guys for all the good thoughts and well wishes. Orlik came up with this scheme; I'm just trying to make it work.

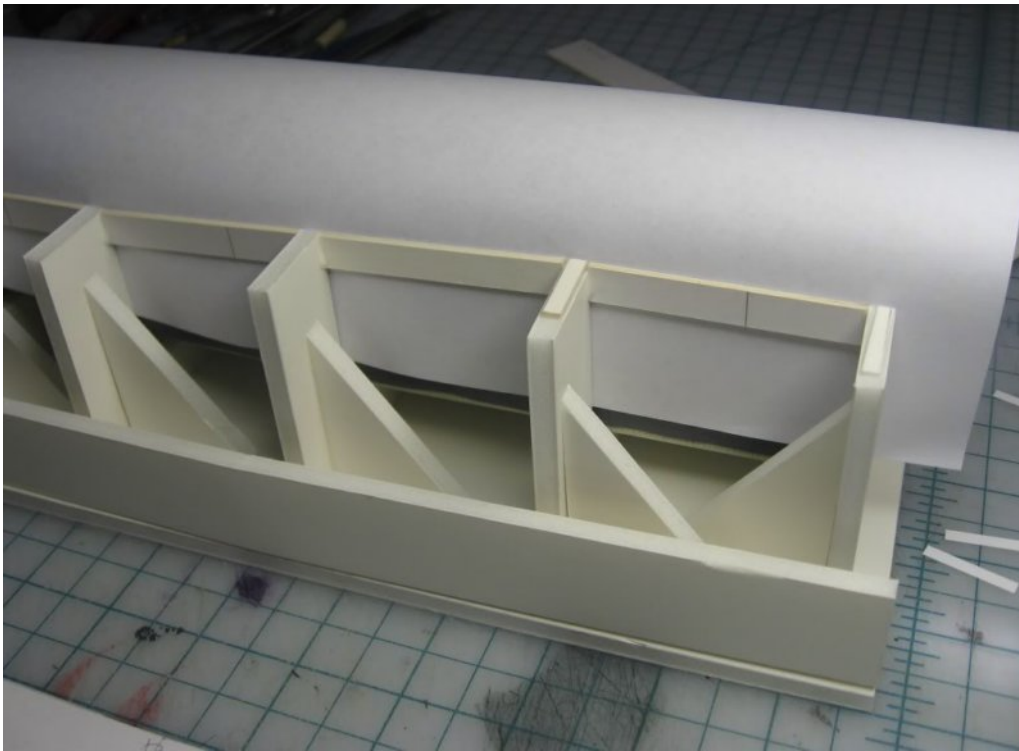
Last preps for the cutting jig. First step is to shim the tops of the columns to align the cutting "table" along the fuselage where I want it. Also added beams between the columns to keep the table from sagging in between said columns. Even though most of the cutting pressure will be lateral into the fuselage, I still want the surface stiff:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.



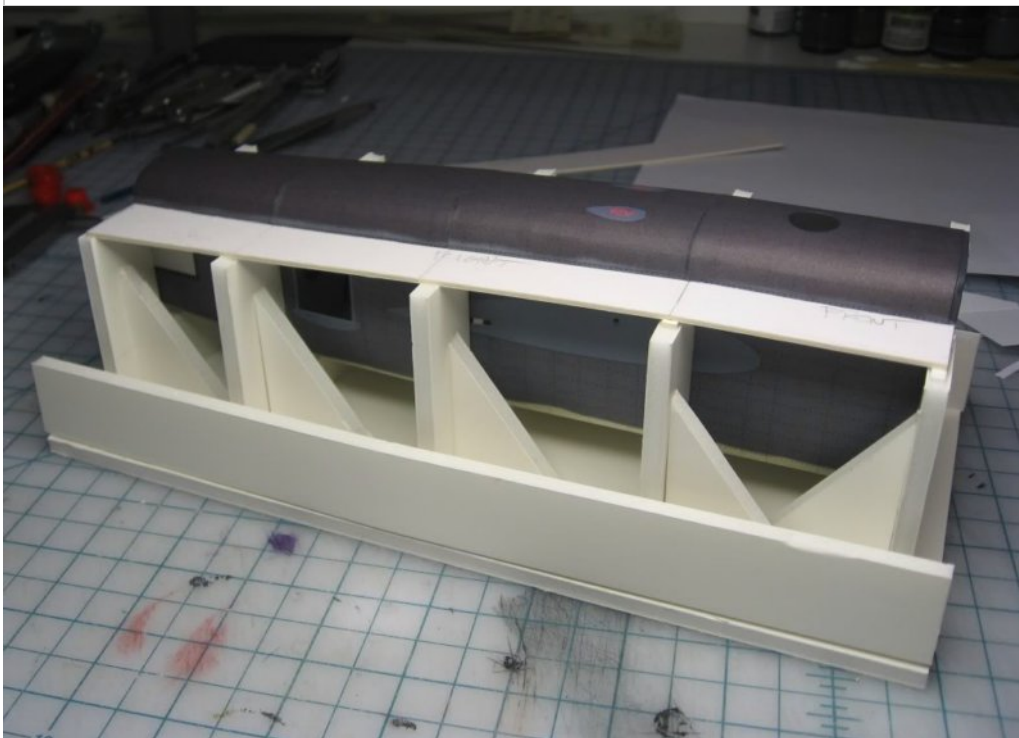
I have to glue the cutting edges on with the fuselage in place as there's a bit of an overlap; the fuselage will be "locked" in place once they're installed. To prevent any spurious glue from getting on the fuselage, a piece of printer paper serves as a shield:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x746.




Let dry, remove the paper, and this side's done:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x734.



Once I do the other side, it's cutting time. Will have to pick a good time when the house is quiet and I won't be disturbed, maybe tonight. For my weapon of choice I've narrowed the selection down to a new Tajima knife refill blade (without holder) or a scalpel (appropriate, no?):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x1008.



I've never used a scalpel before, but years ago a modeling buddy was all about using them in his work and convince I should try it. I bought a pack, but as you can see, I never opened it. Maybe it's time.

Also I should mention that this fixture is not a one shot deal. With modification I plan to use it as part of the fixture I'll need to cobble together when joining/aligning the wings to the fuselage. But I have to say that the above rig does have an "Enterprise" in Space-dock like look to it.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-03-2009, 04:40 PM

#367 ([permalink](#))



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,198

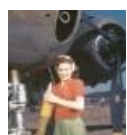
Mike,
I will vouch for scalpel, but not for this task.
Long, stiff blade like Tajima should be much better suited since you can lay it flat on your jig and use it as a saw to cut both sides at the same time.

Michael Krol
www.gremirmodels.com



10-03-2009, 05:27 PM

#368 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Thanks Mike, I tend to agree. I guess the scalpel will stay in the pack a little longer. I may never open that thing...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-03-2009, 05:46 PM

#369 ([permalink](#))

kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

OMG... I am crossing my fingers and hoping this surgery doesn't turn into an autopsy!

If the only reason to slice this open is to show the interior, I wouldn't do it; personally. However, based on your building skills so far, I know you can pull it off. Good luck! That jig is a model in itself.

Helplessly watching!

Ken



10-03-2009, 05:49 PM

#370 ([permalink](#))

kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

If it were me, I would take 3 light passes with a NEW #11 exacto blade. Light pressure... otherwise, you'll end up stretching the paper at the edges.

Ken



Page 37 of 77 << First < 27 35 36 **37** 38 39 47 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

Options

Quote message in reply? Show your signature

[« Previous Thread](#) | [Next Thread »](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 38 of 77 [« First](#) [<](#) [28](#) [36](#) [37](#) **38** [39](#) [40](#) [48](#) [>](#) [Last »](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

10-03-2009, 06:01 PM

[#371 \(permalink\)](#)

[tg1968](#)
Member

Join Date: Sep 2009
Posts: 1

I am used with scalpels at work (bovine vet), but wouldn't use it for this task ! a new, long sharp end blade looks better for this task...

You are doing beautiful job - i watch this thread daily...

Good luck with whatever blade you choose...

TG

[Quote](#)

10-03-2009, 06:45 PM

[#372 \(permalink\)](#)



[OldTroll](#)
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

Hmmm....build a fuselage; cut it apart; put it back together. Sounds like my normal build sequence! I must have missed something when reading this thread. Is this removed/removable roof a feature to display the interior or just a bizarre Orlik method of construction to frighten your faithful readers? My vote is for brand new #11 with gentle, multiple passes.

Ron S.

[Quote](#)

10-03-2009, 08:20 PM

[#373 \(permalink\)](#)



[Bomarc](#)
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by [OldTroll](#)
Is this removed/removable roof a feature to display the interior or just a bizarre Orlik method of construction to frighten your faithful readers?

I'm afraid it's the later, Ron. All the wing mounting hardware, interior panels, and floorboards go in after the top is popped. Bizarre? Sure. A challenge? You betcha, and I dearly love a challenge.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)


10-03-2009, 09:05 PM

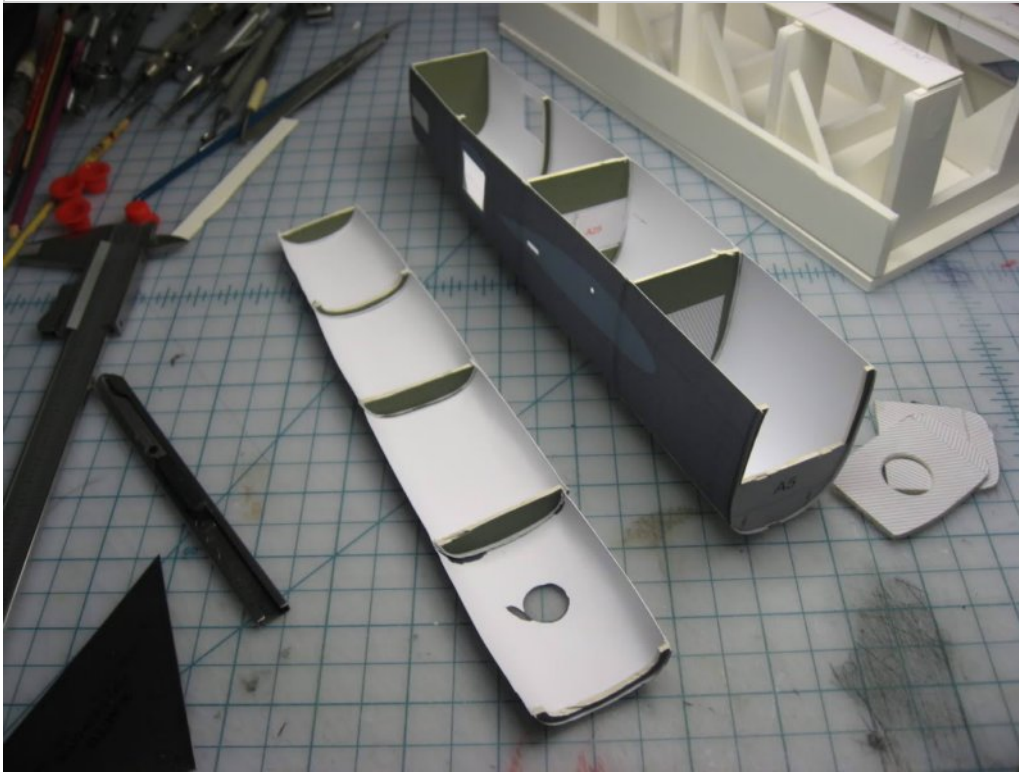
[#374 \(permalink\)](#)



Easy Peasy, Lemon Squeezy!!!!

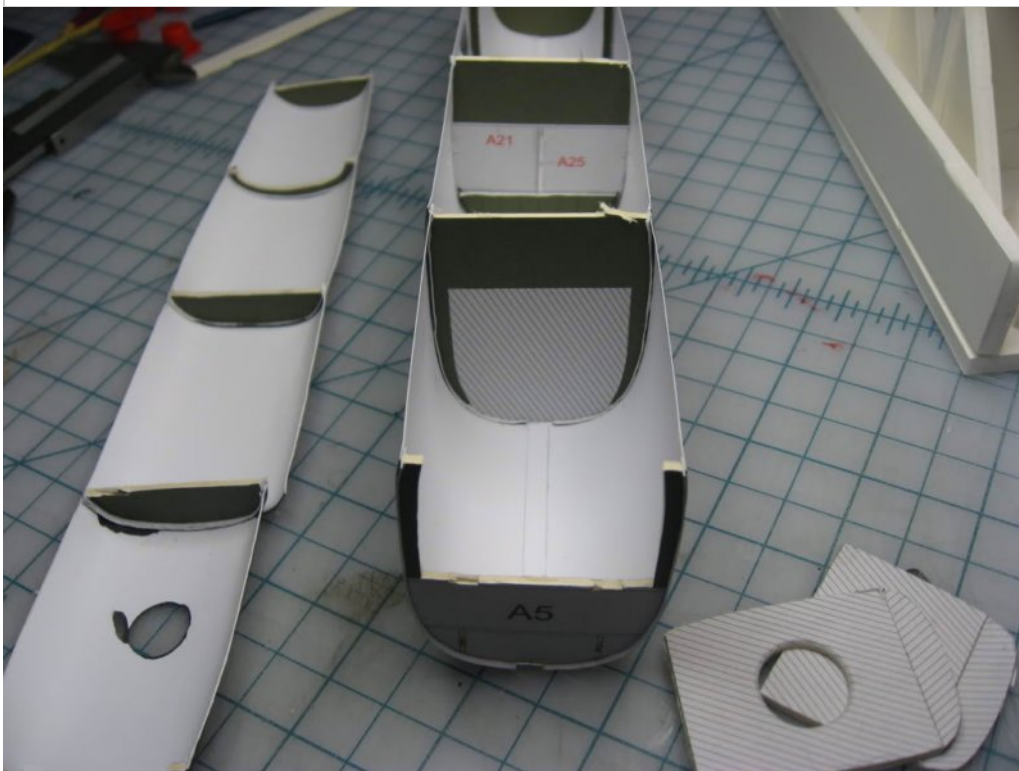
The operation was a success, and the patient is doing nicely:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

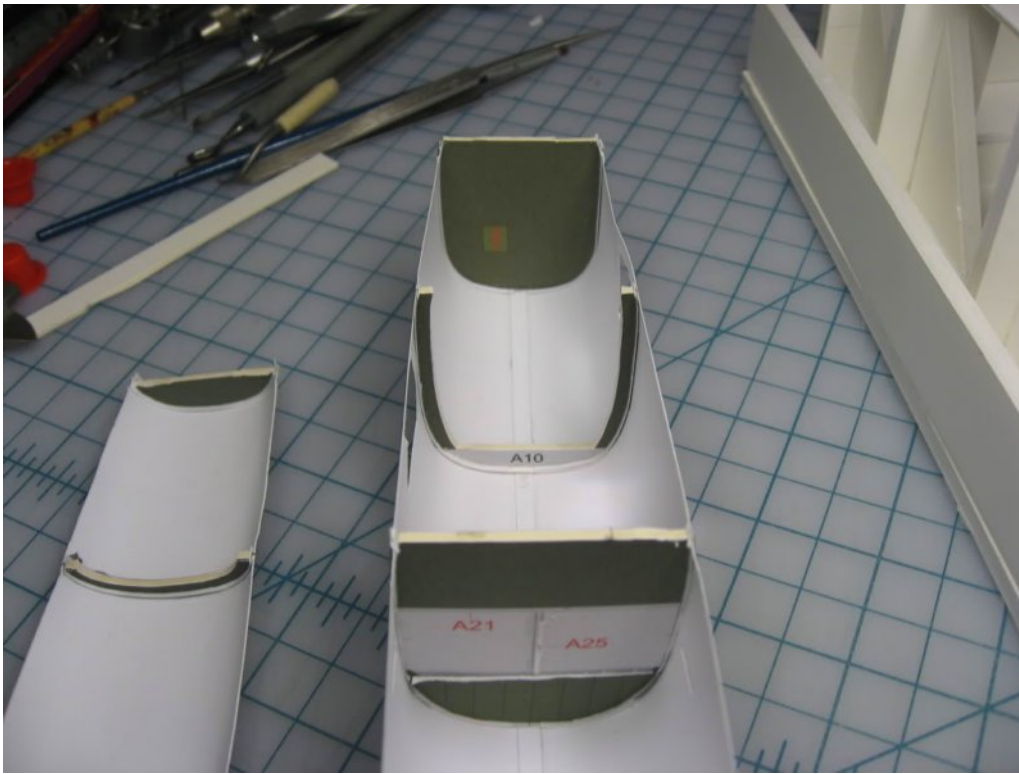


I went with the Tajima blade, and the cuts are smooth and continuous, (and easy thanks to the fixture). Precutting the formers before installation was definitely the way to go. I just had to break the tack glue bonds and it all came apart. Imagine trying to cut those out after the fuselage was all assembled:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

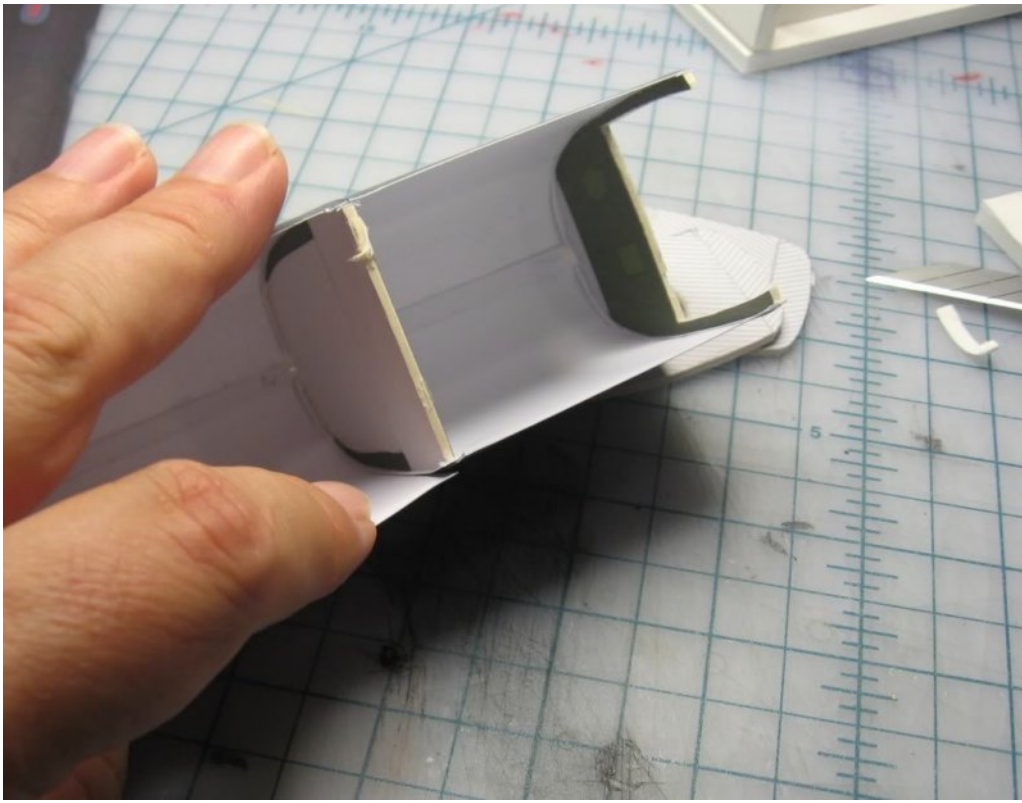


Some more data on my water-capillary-gluing method. Apparently the first joint done the "traditional" way left some spots un-glued; obviously I didn't spread enough glue evenly (makes me wonder about some of the other joints I've done in the past):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x765.

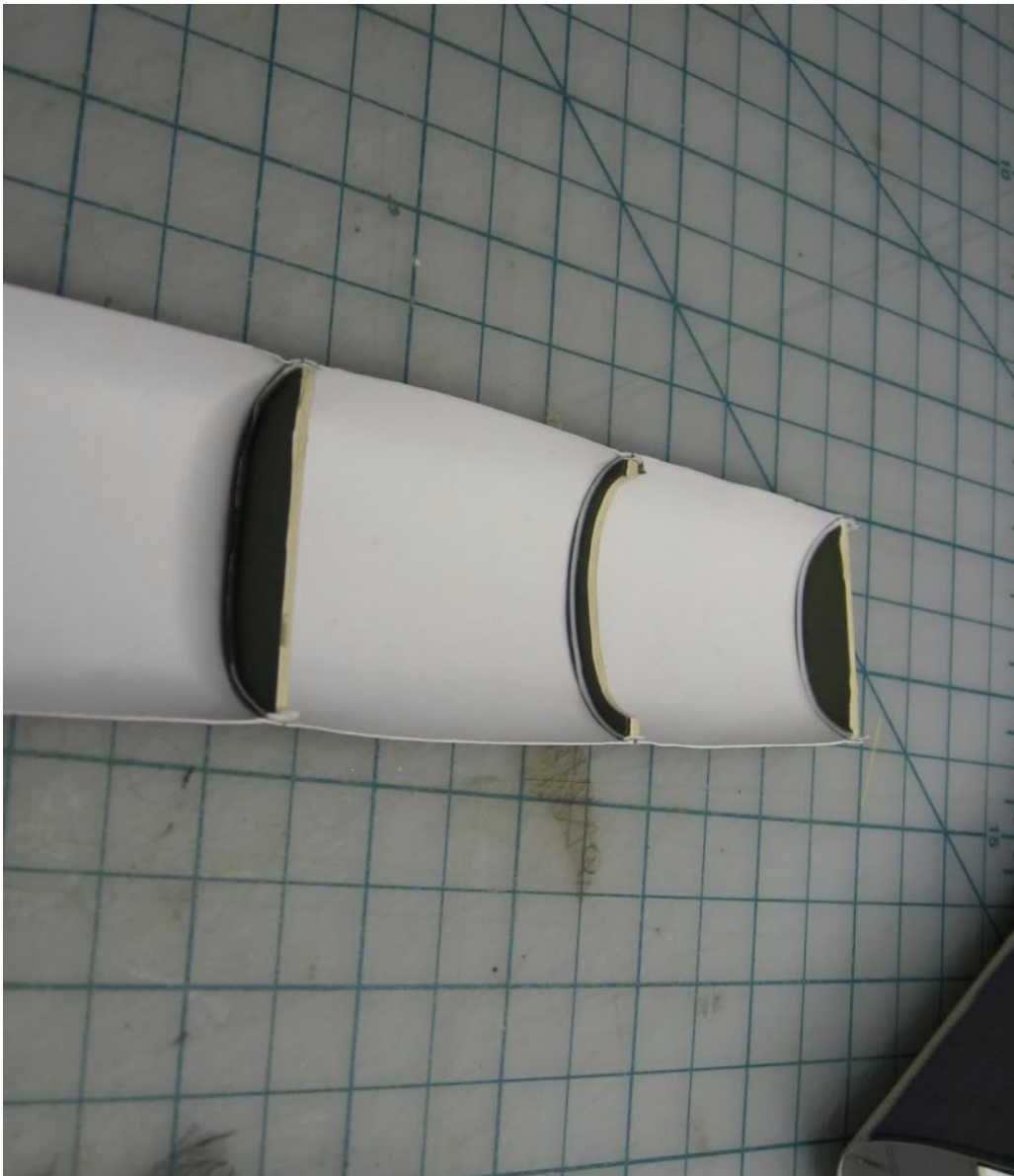



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x796.

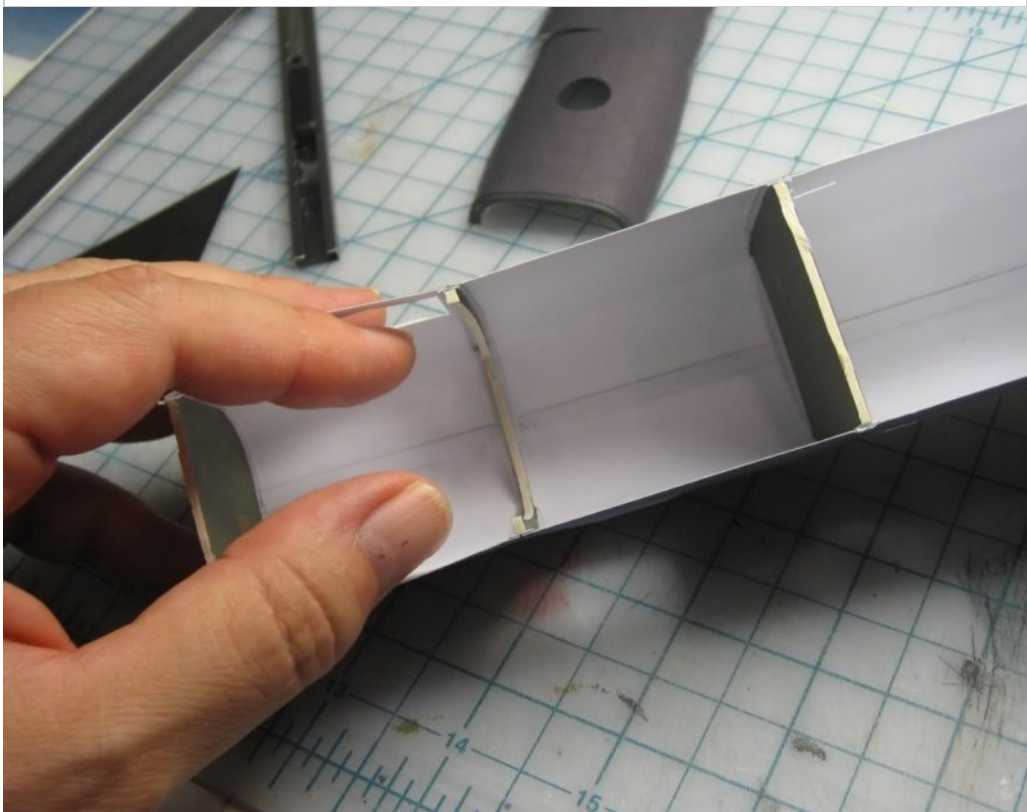


The next three formers all show signs of even and complete bonding :

 This image has been resized. Click this bar to view the full image. The original image is sized 881x1024.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x805.



Well, for me, from now on, the "water" trick is now the traditional method of joining.

My three dummy formers freed:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x795.



Very useful aligning tools, and now trash. To paraphrase Jim Lovell of Apollo 13:

"Farewell dummy formers.....and we thank you!"

That's it, drama's over. Now it's more conventional fuselage work for the next few weeks.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



 10-03-2009, 09:18 PM

kenlwest 

Member

#375 ([permalink](#)) 

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306

And another quote from Apollo 13: "You had a bunch of guys down here ready to turn blue - we're breathing again!"

Ken



 10-03-2009, 10:26 PM



Retired for now 

Member

#376 ([permalink](#)) 

Join Date: Jun 2009
Location: NW Florida
Posts: 961

And here I was all ready with the 50,000 volt paddles ...

Well done - here's hoping for minimal scarring after it heals.

Yogi



 10-03-2009, 10:51 PM

#377 ([permalink](#)) 

felixalv 

Member

Join Date: Mar 2009
Posts: 8

Estas haciendo un trabajo excepcional, y desde luego, me ha sorprendido mucho tu manera de cortar el fuselaje, te felicito por el éxito de tu cirugía



10-03-2009, 11:37 PM

#378 ([permalink](#)) 



Ron0909 

Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321

Oh man, I was crossing all my appendiges for you Mike! I swear, the thought of cutting that fuselage almost gave me a need for Imodeum! Congrats again 😊

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



10-04-2009, 02:12 AM

#379 ([permalink](#)) 



Bomarc 

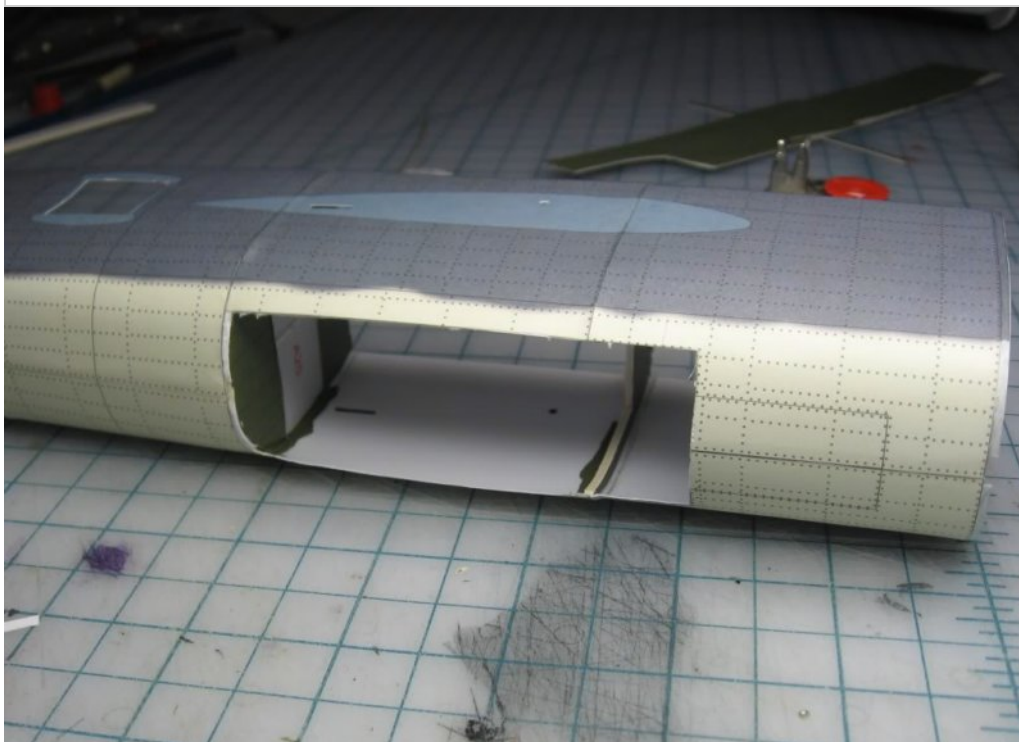
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

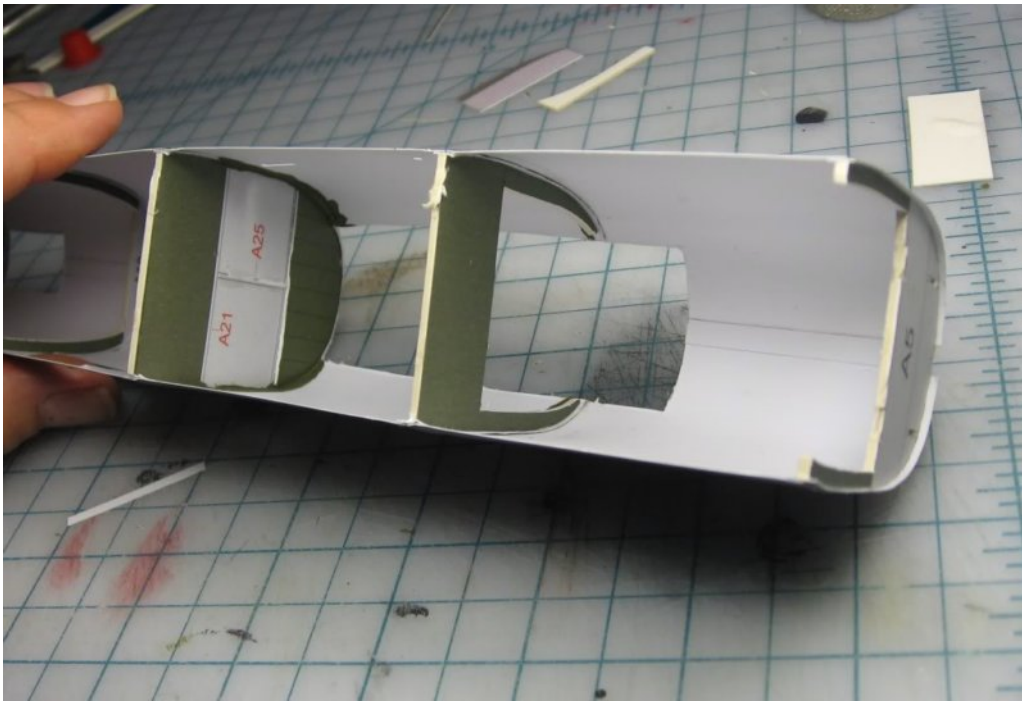
Thank you gentleman, no one's happier than me that the relief factor has kicked in. And a special Hola to you Felipe, thanks for your kind words (I don't speak Spanish, but Google Translate does 😊). I saw the work you did on the clear parts, nice job! I'll be following in your footsteps soon enough.

Now with all that unpleasantness behind me, I can start to have a little fun with this fuselage. I cut out the bomb bay (a cake walk compared to this afternoon):


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x737.

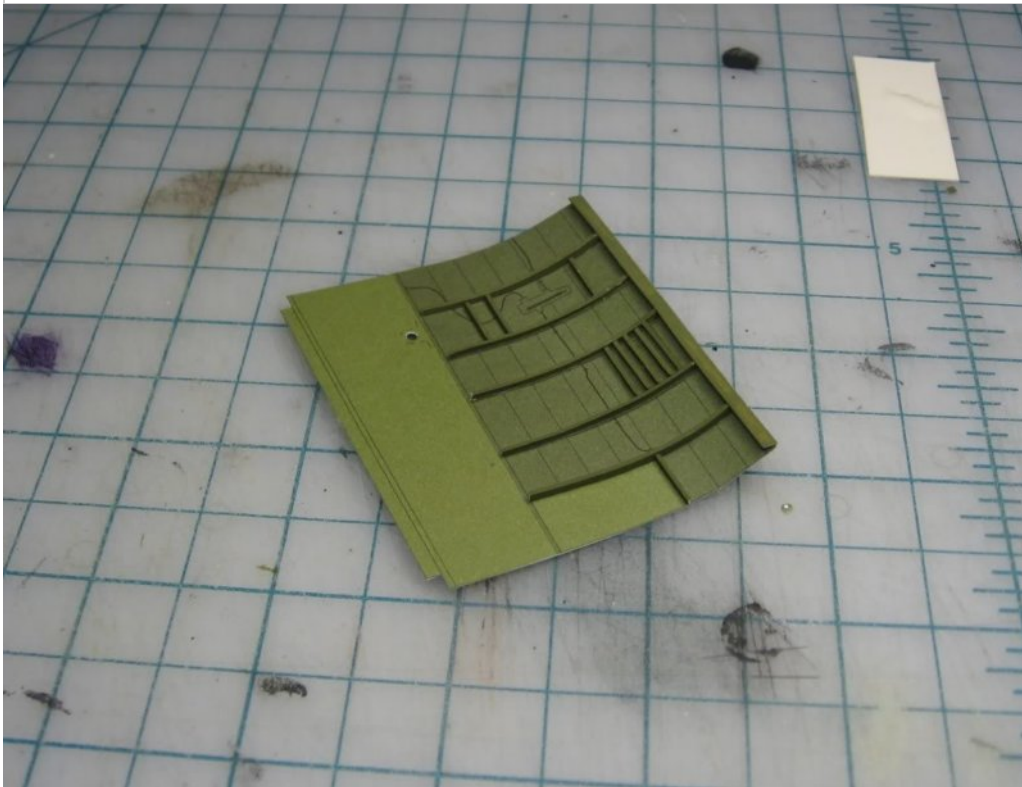


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696.




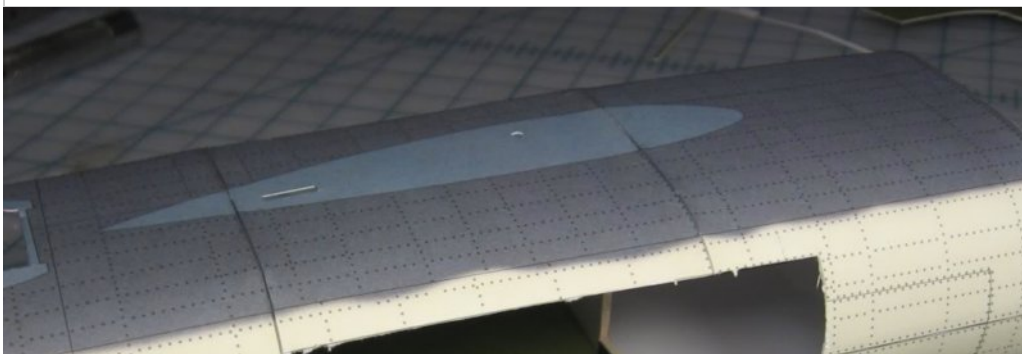
Since I plan to keep the bay door open, the interior will be in plain view, so I'm spurring up the printed interior parts. Added some framework using 0.5mm card:

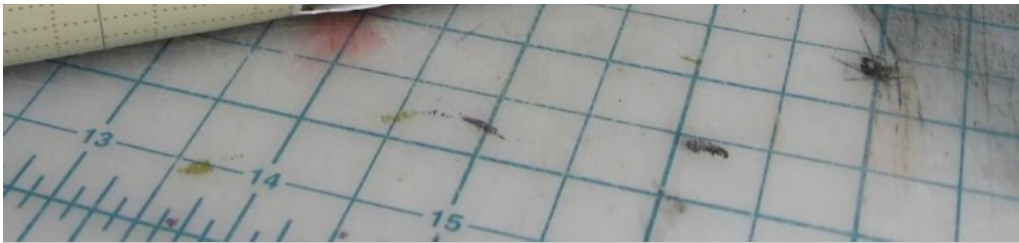
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x785.



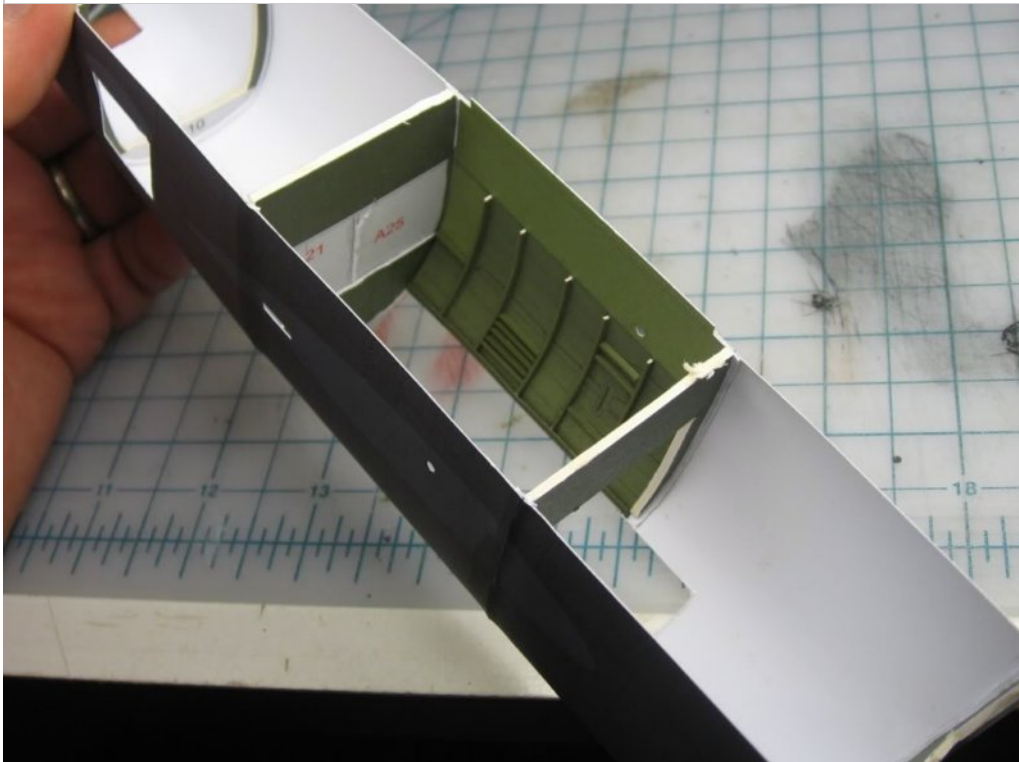
This is what it will look like in the bay:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x738.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758.



Don't know if what Orlik printed is accurate or not, but I'm going with what they give me. Add some bomb racks and there you go...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-04-2009, 02:46 AM



peter taft
Member

#380 ([permalink](#)) 

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005




Mike i seem to be away for just a short moment in time then turn up to find that the heart stopping - breath holding moment has been and gone... You are a master modeller for sure because most of us would have been crapping ourselves at the point of the knife going in on that super smooth fuselage. Very well thought out in all the stages Mike and my hat is off to you once more in this epic build. Congratulations on getting that part of the process out of the way in such a clean and well ordered fashion 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



 Post Reply

Page 38 of 77 [« First](#) [<](#) [28](#) [36](#) [37](#) **38** [39](#) [40](#) [48](#) [>](#) [Last](#) [»](#) 

Tags

None

[Edit Tags](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#) [FAQ](#) [Community](#) [Calendar](#) [New Posts](#) [Search](#) [Quick Links](#) [Log Out](#)

[Post Reply](#)

Page 39 of 77 [« First](#) [<](#) [29](#) [37](#) [38](#) **39** [40](#) [41](#) [49](#) [>](#) [Last](#) [»](#)

[View First Unread](#) [LinkBack](#) [Thread Tools](#) [Search this Thread](#) [Rating: ★★★★★](#) [Display Modes](#)

10-04-2009, 02:47 AM


#381 ([permalink](#)) 



John Bowden 
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 784

Is it safe to look yet? Damn..... I guess if you leave it up to the pros labotomys ain't that scary..... yeah right!

I did only use one eye to look at this post... 

[www.dgapapermodels.com](#)

[My Drawings](#)

[Quote](#)  

10-04-2009, 03:49 AM

#382 ([permalink](#)) 



B-Manic 
Nautica Moderator

Join Date: Jul 2007
Location: I am right here
Posts: 2,256

That looks great, I too am glad it is over. I was afraid to comment earlier for fear of jinxing you.

The proceeds from sales at [www.hobbyfactory.com](#) support this forum!!

[Quote](#)  

10-04-2009, 02:03 PM

#383 ([permalink](#)) 



Texman 
Lilliput Transportation

Join Date: Jul 2007
Posts: 650

Nice job. This is turning into nothing less than PhD level work. Sort of a graduate course for a hack like me. I foresee some of your techniques in my future...

Ray

Don't squat with yer spurs on.....It's gonna hurt

[Quote](#)  


10-04-2009, 06:39 PM

#384 ([permalink](#)) 



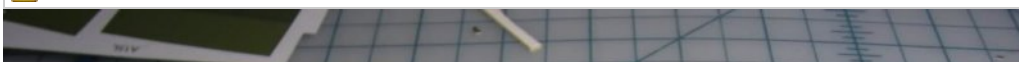
Bomarc 
Member

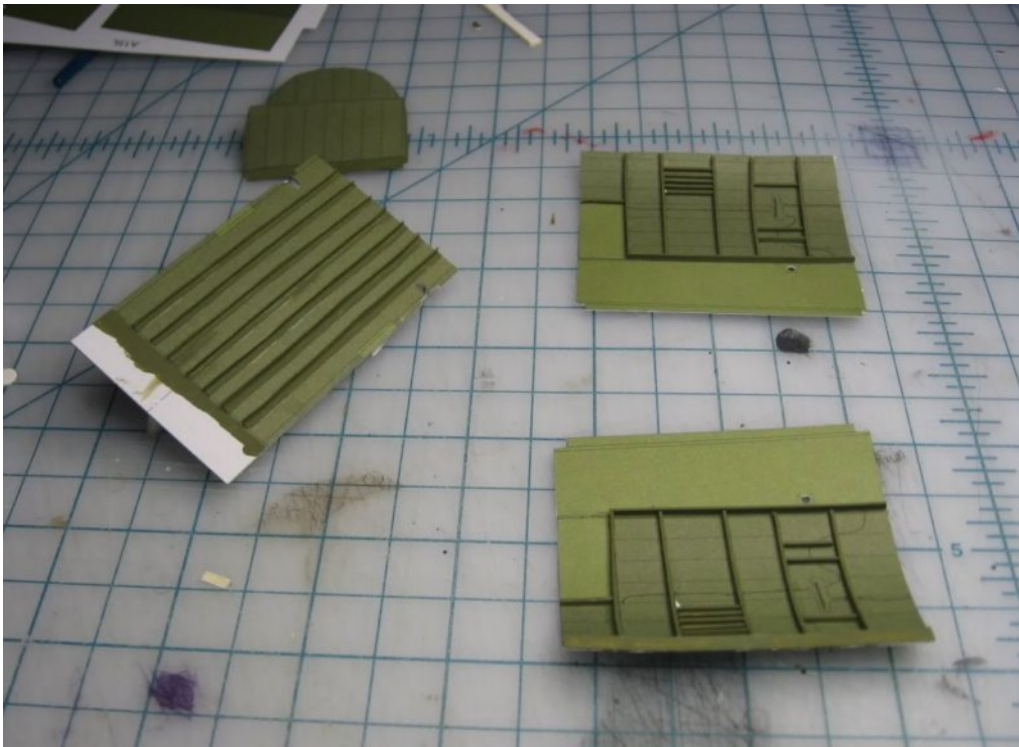
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Ray, I'm delighted you found something useful in these ramblings of mine. The coolest part of my classroom: No mid-term, and the final is a take home! In fact, I'll tell you what will be on the final right now: Build a model. 

Added detail to the other bomb bay wall and roof:

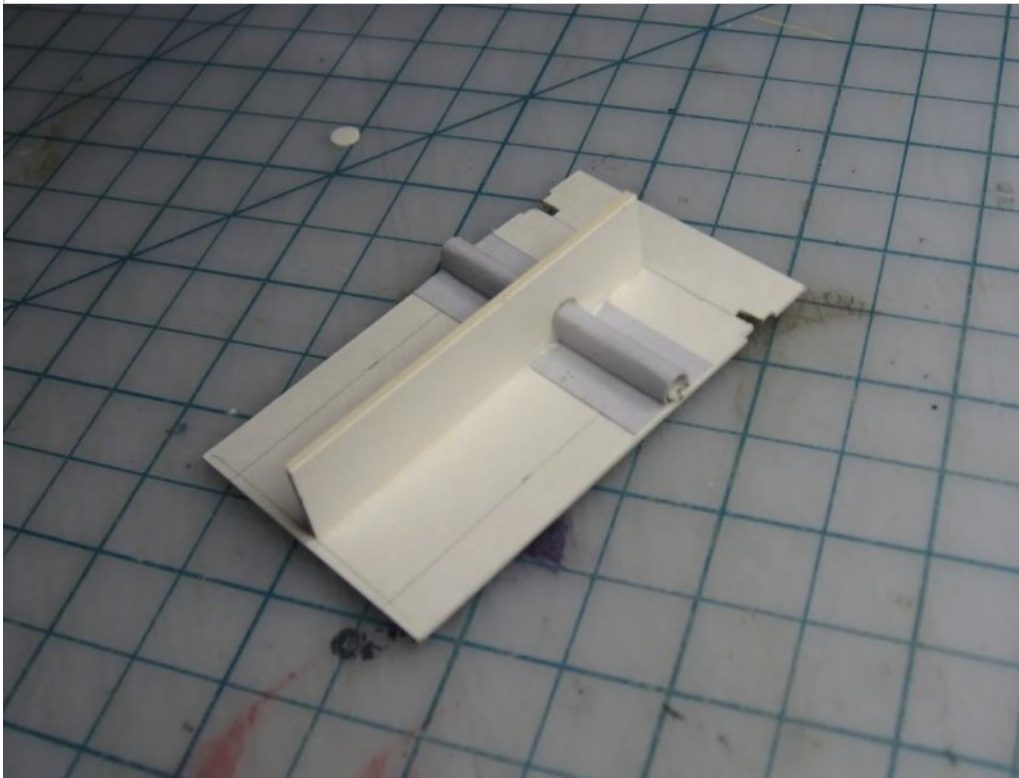
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.





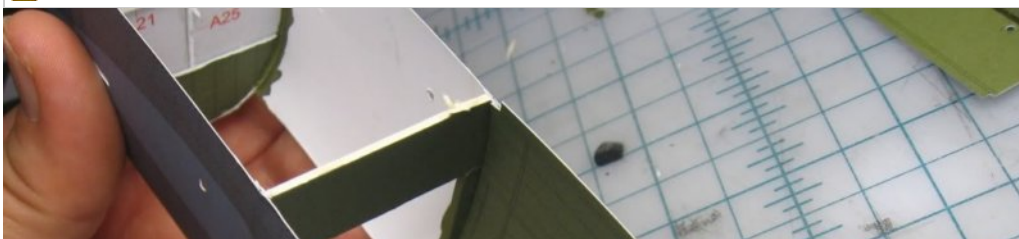
Photography has a way of amplifying the smallest defect, and I can see I need to do some touch-up on these. I'll wait until it's all in. On the flip side of the roof mounts the tube that holds the wire that supports the wings (say that three times fast). I added a strong back of mat board, mostly to keep the roof flat, but also to add strength to the wing mounting device:

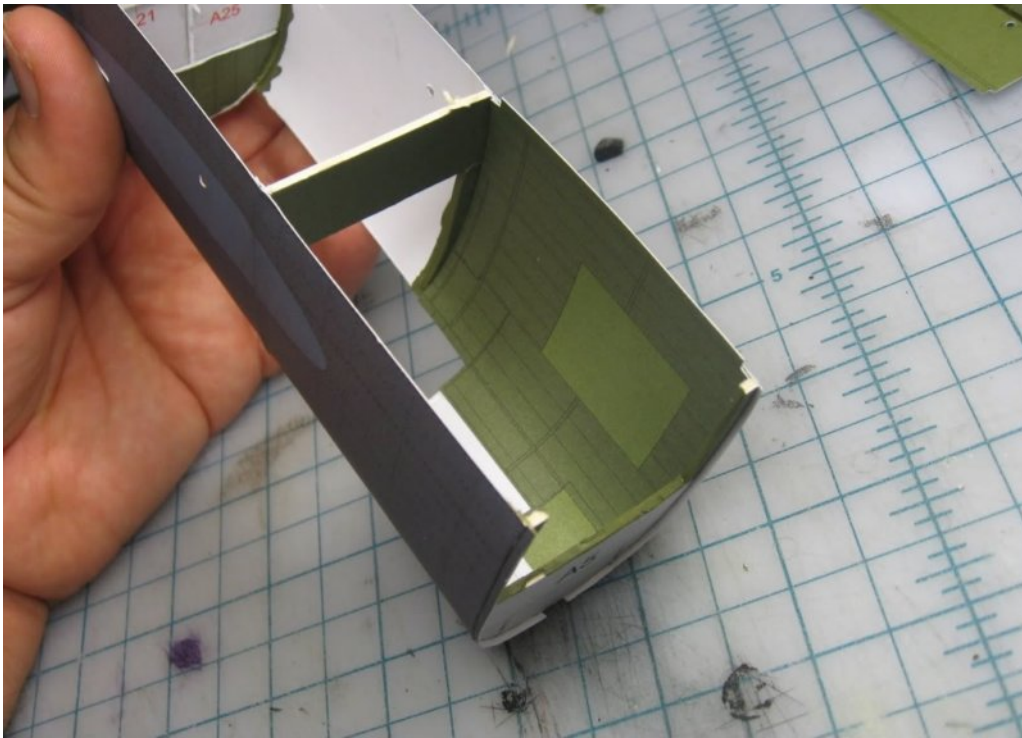
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x774.



Installed the first "liners" on the fuselage. These needed to go on first before attachment of the bomb bay roof. Orlik would have you cut out the forward entry hatch (just ahead of the bomb bay opening), but I'm not doing that (I'm opening the rear hatch), so I'm just leaving these parts as is:

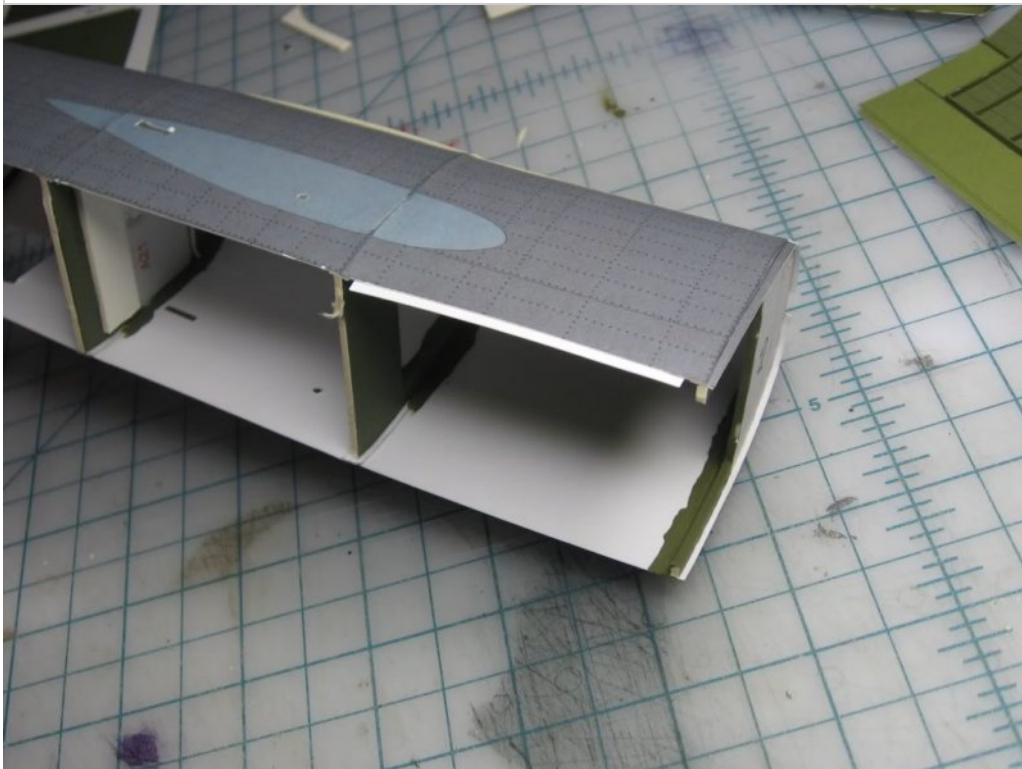
 This image has been resized. Click this bar to view the full image. The original image is sized 1022x732.





Hey look! Backside of the liner makes a connecting tab. There might be some method to Orlik's madness:

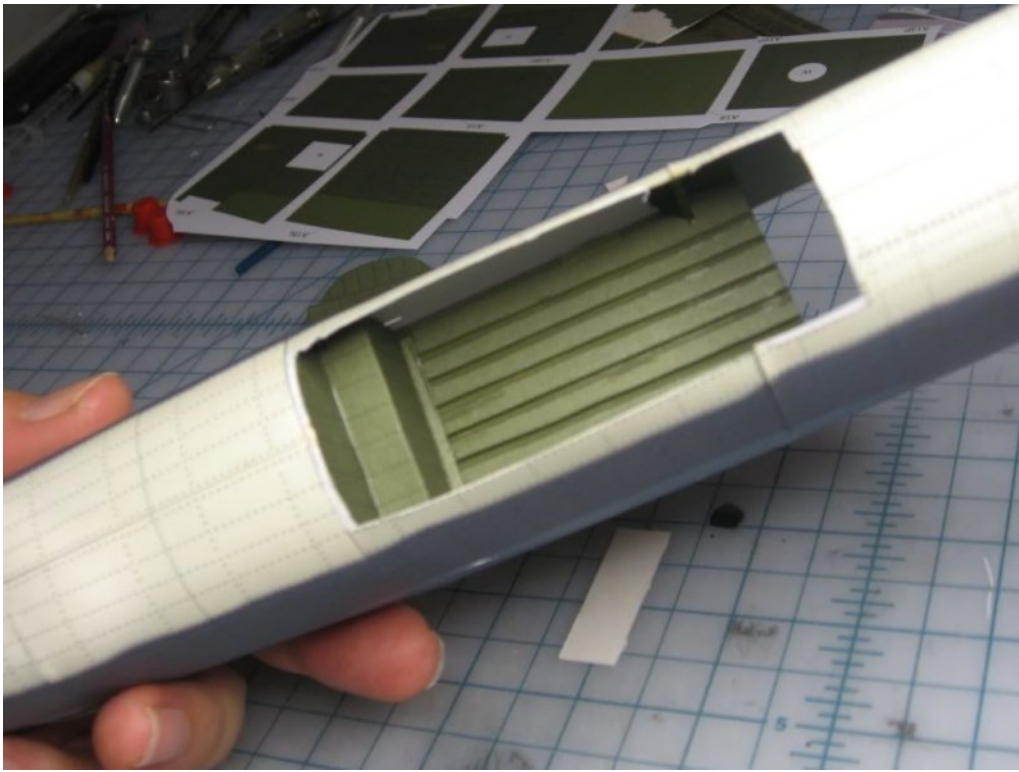
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x766.




Once those two forward liners are in, the roof of the bomb bay can be installed:

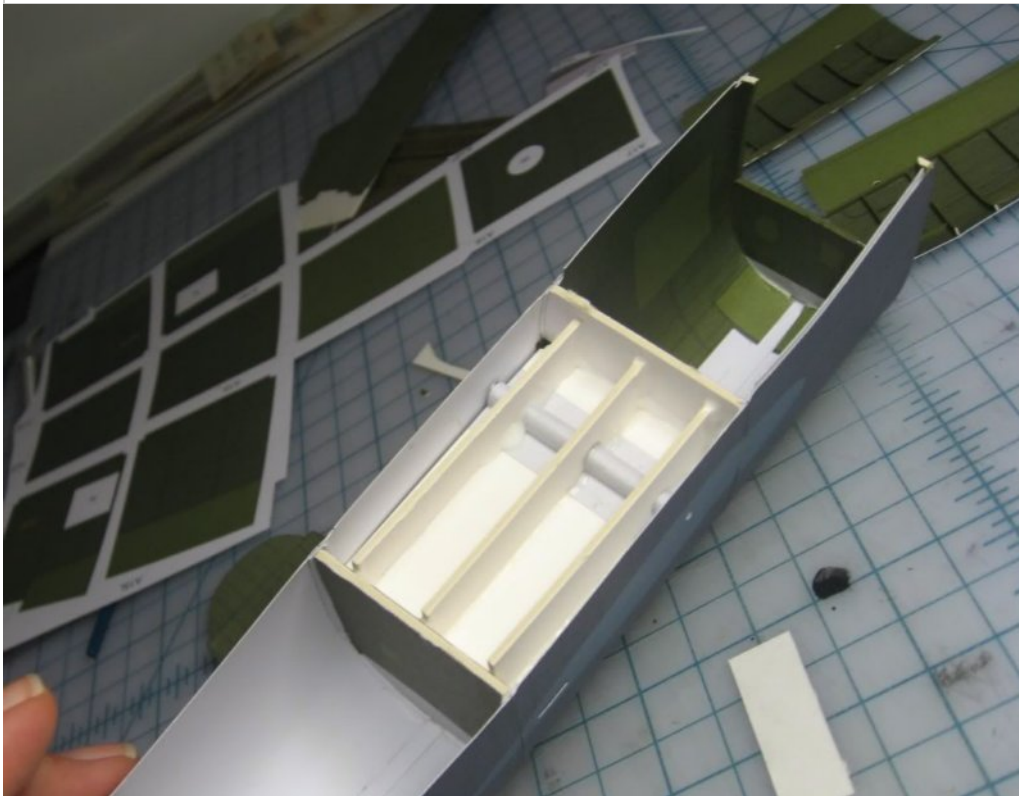
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x766.





I added some more mat board stiffeners and blobbed glue everywhere. The pilot of this PBJ will thank me later when he does all those evasive maneuvers over Kwajalein Atoll and the wings don't fall off:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x793.



More as it happens. Study hard!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



kenlwest

Member

Just keeps getting better and better!

Ken

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 306



10-04-2009, 09:41 PM



jagolden01

Member

Incredible, Mike, just incredible!

#386 (permalink)

Join Date: Jan 2008
Posts: 503



10-05-2009, 02:07 AM



Ron0909

Member

Mike,
When I saw what you were up to at first I had fears that the walls of the fuselage would be saggy and biatch to glue to. I'm really happy to see that Orlik *did* give you a good means of attaching the roof back on. Good call on all the mat board. I'm going to follow your lead on my next builds and use the stuff religiously.

Looks fanatastic as usual my friend!
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33

#387 (permalink)

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 321



10-05-2009, 02:32 AM



peter taft

Member

Coming along in leaps and bounds and with all the dedication this guy can muster - Brilliant mate 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

#388 (permalink)

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,005



10-05-2009, 02:49 AM



flying rasta

Member

just wow....mike...its great... just keep checking back thinking this would magically make more pics available....i am trying to learn to be patient....

continue your incredible work...

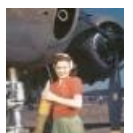
to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

#389 (permalink)

Join Date: Aug 2009
Posts: 105



10-05-2009, 01:49 PM



Bomarc

Member

Quote:

Originally Posted by **Ron0909**

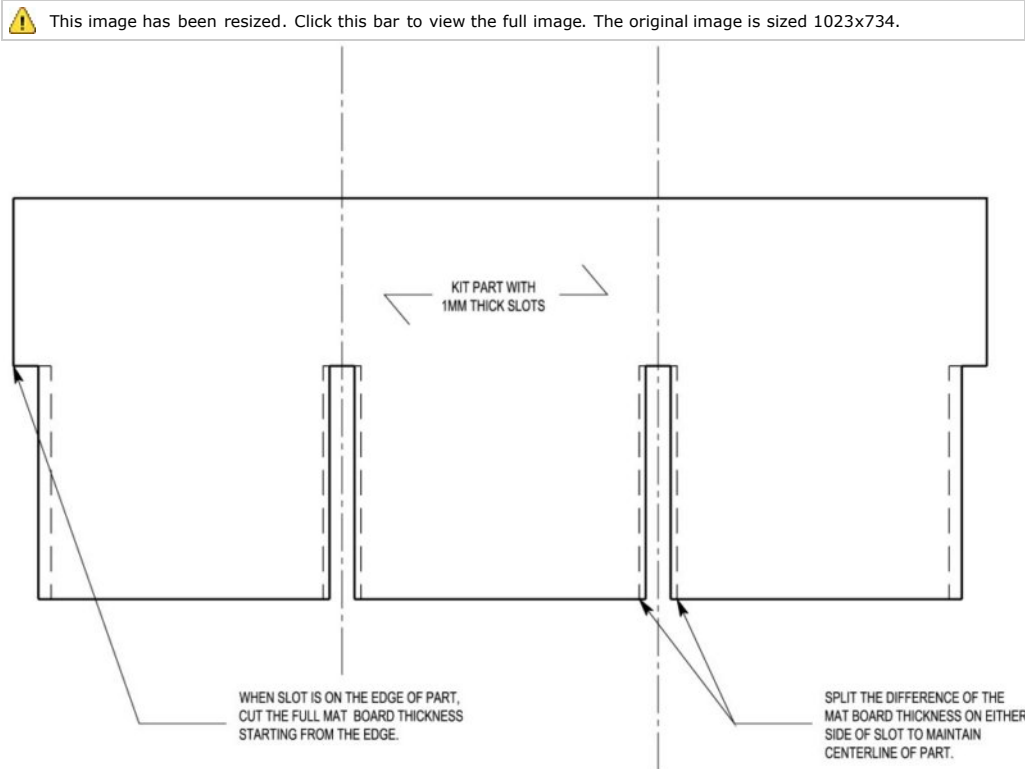
#390 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

....Good call on all the mat board. I'm going to follow your lead on my next builds and use the stuff religeously.....

Ron, I think you'll like the mat board. You know this already I'm sure, but for the benefit of others who might not, the mat board is about 1.4mm thick, and you'll have to allow for that extra 0.4mm in the cutting of slots. What's important is where you cut in that extra allowance. 0.4mm doesn't sound like a lot, but if enough slots are cut wrong, the error will add up and could mean a major misalignment down the road.

I cobbled together a quick drawing to hopefully illustrate what I mean:



To keep things on center, you have to split the difference on either side of the original 1mm slot. But on end conditions, you now have to remove the full 0.4mm from one side. It take a bit of fore thought and planning before the cutting starts, but the payoff is a more robust internal structure.

Mike

P.S. Whoops, forgot to add that the 1.4mm thickness is plain mat board, **without** the added thickness of the paper patterns glue to it. Figure total thickness then to be a tad above 1.5mm.

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[Post Reply](#)

Tags [Edit Tags](#)
None

Quick Reply

Message :

↑
↓

↑
↓

Options

Quote message in reply? Show your signature

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

Welcome, [medved](#).
376 [Unread Posts](#) since your last visit.
You last visited : 12-12-2009 at 03:03 PM
[Private Messages](#): Unread 0, Total 42.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 40 of 77 « First < 30 38 39 **40** 41 42 50 > Last » ▾ [View First Unread](#)[LinkBack](#) ▾[Thread Tools](#) ▾[Search this Thread](#) ▾

Rating: ★★★★★ ▾

[Display Modes](#) ▾

10-05-2009, 05:57 PM

#391 ([permalink](#)) 

Wyvern 
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 949

This just continues to impress the snot out of me!

Wyvern

[Quote](#)  

10-05-2009, 06:02 PM

#392 ([permalink](#)) 

jagolden01 
Member

Join Date: Jan 2008
Posts: 503

Quote:

Originally Posted by [Bomarc](#) 

...you'll have to allow for that extra 0.4mm in the cutting of slots. What's important is where you cut in that extra allowance. 0.4mm doesn't sound like a lot, but if enough slots are cut wrong, the error will add up and could mean a major misalignment down the road.

Yup. Not too much extra work though and it's worth it. This has been every former on my sub build using double thickness of illustration board.

Using this kind of board makes for a much sturdier model for handling while building and even after just for display.

Great explanation w/drawing!

[Quote](#)  

10-06-2009, 04:22 PM

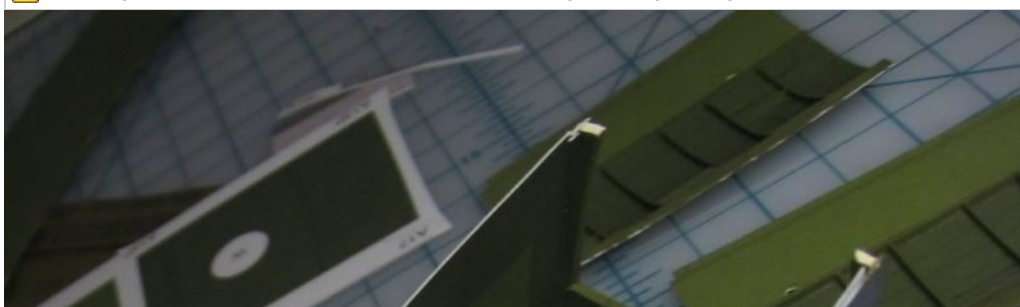
#393 ([permalink](#)) 

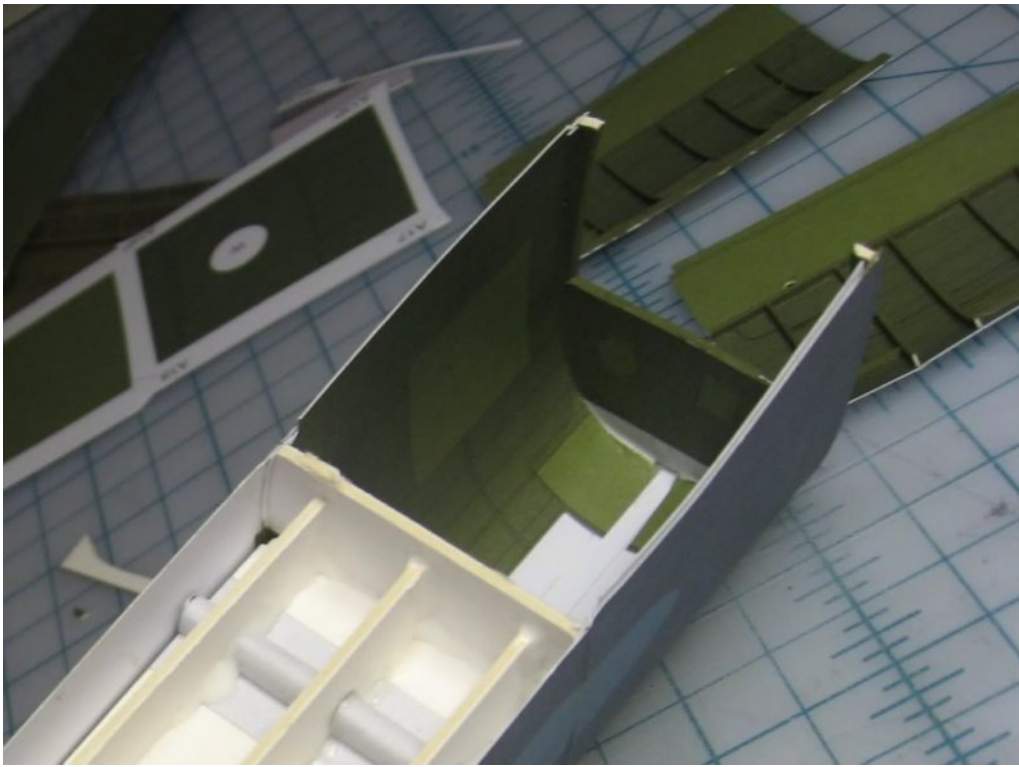
Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Demands of the family keeping me busy, so scant progress, but some. Adding what kit components there are to the front compartment ahead of the bomb bay. Even though I'm not opening up the front hatch below the fuselage in this area, there will still be limited viewing into there from a small astrodome on top (where a turret would have been), and through the cockpit between the seats. Strictly using the kit parts, this is basic paper modeling at its finest. The problem was that while Orlik shows how each component is assembled, they don't tell you where any of this stuff goes. I had to deduce location from the colored shapes on the fuselage parts. A blow-up of a previous pic:

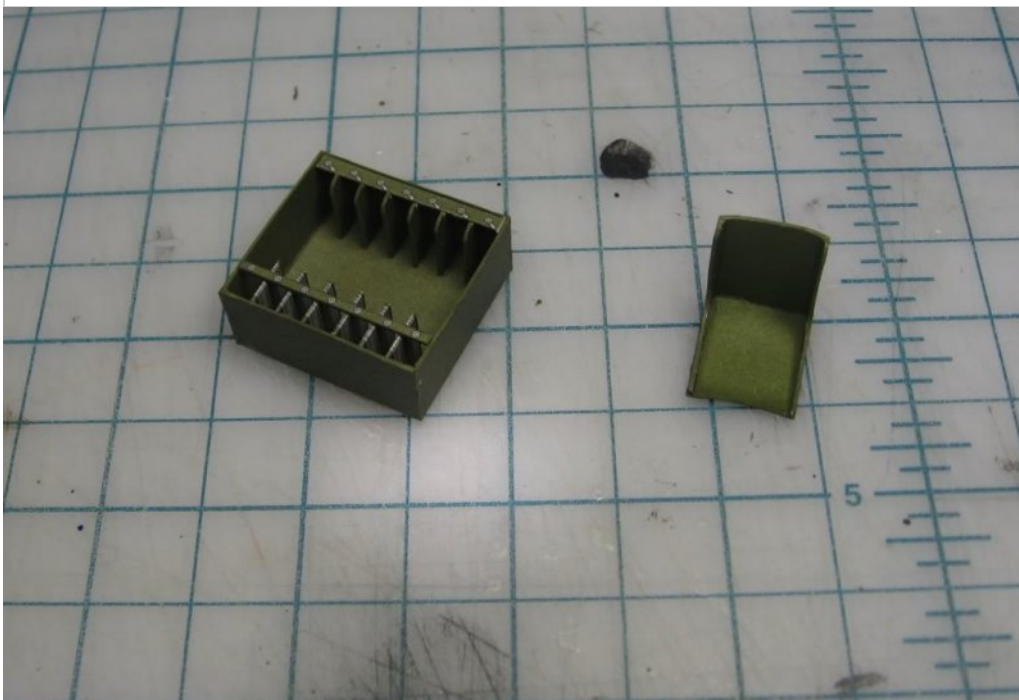
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x760.





The small lighter green square to the right on the front bulkhead is for a jump seat, the round shaped area to the left of that is what I think is the rear of the 75mm cannon breech. On the left side, the large square green field is where the 75mm shell storage rack goes. Here's the rack and jump seat:

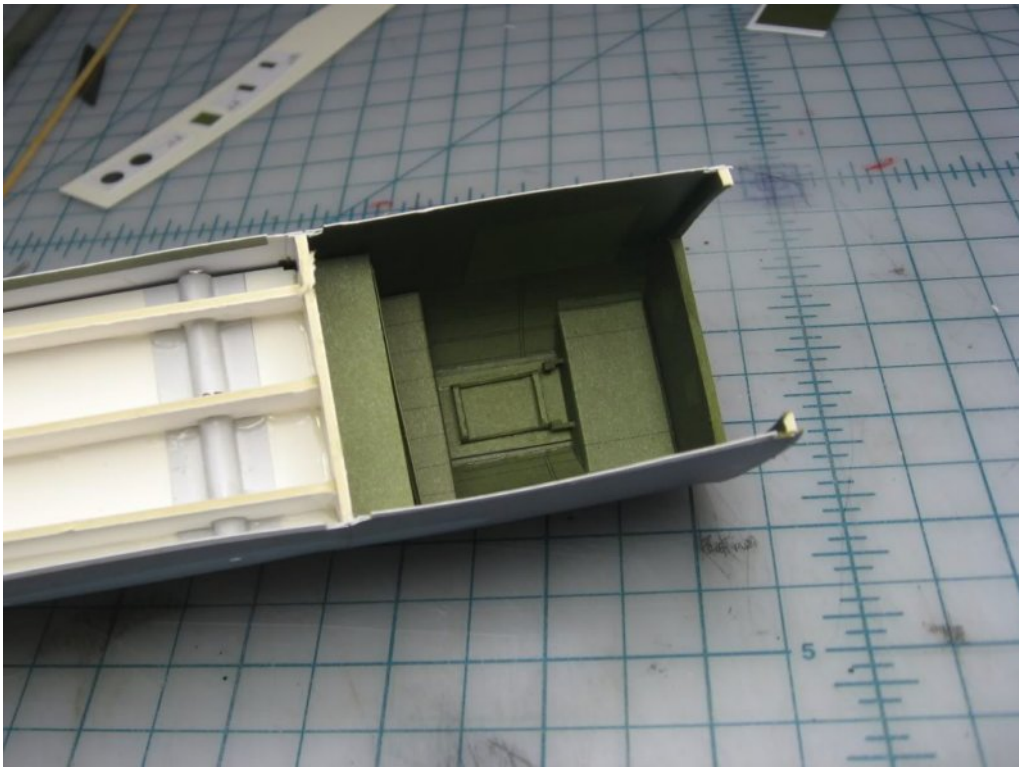
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696.



Orlik actually includes twenty six 75mm rounds to assemble, 6 parts to each! Not sure I want to waste my time as I'm thinking of displaying this kit "un-loaded", no bombs in the bay, no rockets on the rails. I'll see how I feel about it as I go. Also took the kit parts to build up the lower hatch in the "closed" position:

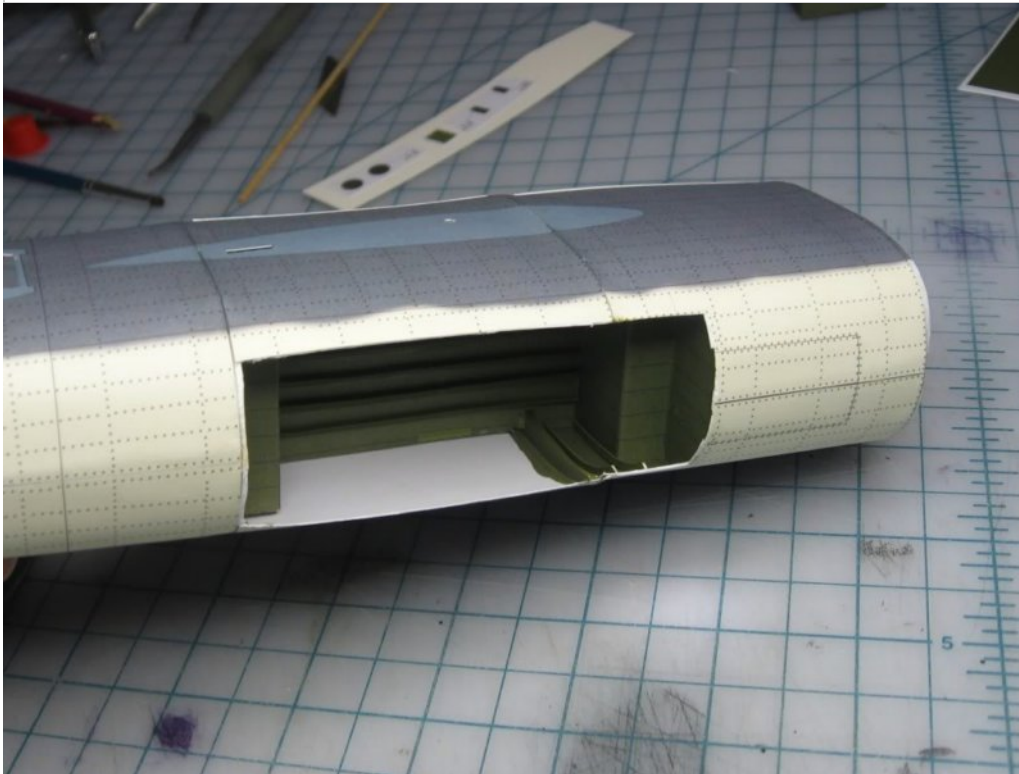
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x761.





On the other side of the front bomb bay bulkhead, I added some detail to the sides of the liner pieces that are exposed in the bay:

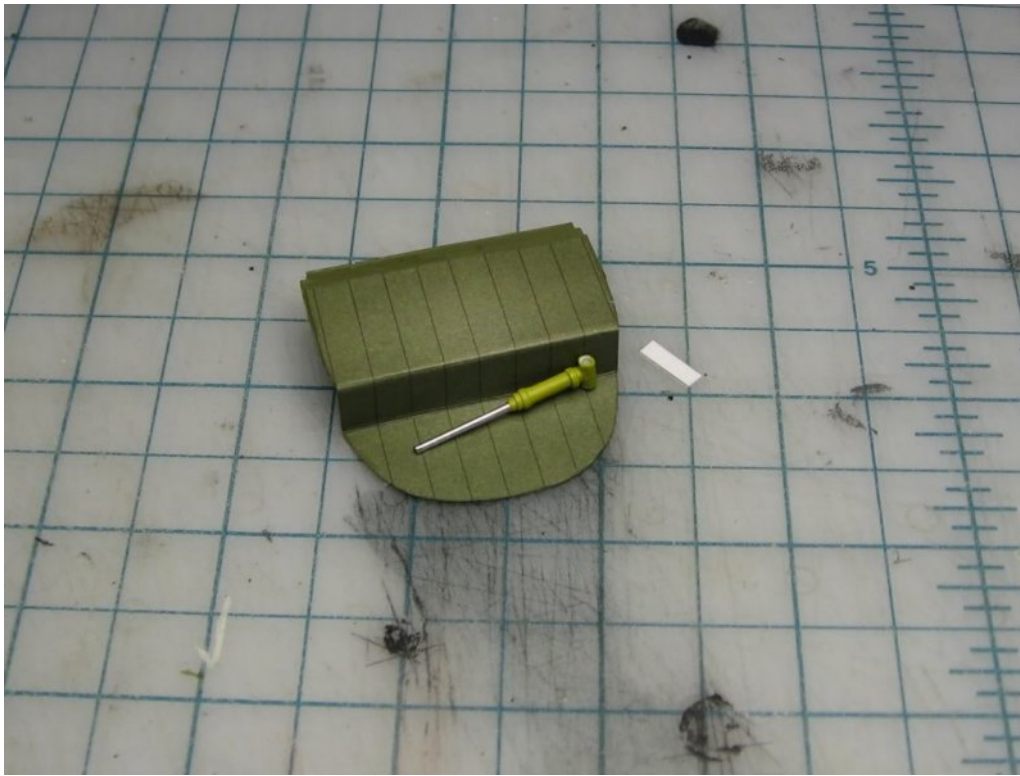
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x773.



And I'm slowly trying to come to grips with the door opening mechanism that's mounted on the front end of the bay, something that Orlik ignores. Best that I can figure from photos, there's one hydraulic jack that pushes a series of linkages, which in turn operates a pair of rods connected to the doors. Taking baby steps, I fashioned a jack from paper clip wire and printer paper rolls:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x770.





I think the rest is going to be "imagineered".

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-06-2009, 05:23 PM

#394 ([permalink](#))



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 650

Well, it looks like an actuator, so that is what it is, imanineered or not. And you should add the cannon shells. At least a few, so folks know what the rack is for. IMHO.

Ray

Don't squat with yer spurs on.....It's gonna hurt



10-06-2009, 06:23 PM

#395 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,935

You are now moving to the next detailing plateau! Thanks for letting come along for the ride.

Ron S.



10-06-2009, 08:58 PM

#396 ([permalink](#))



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,219

That's looking great. I'll have to check some of my pictures from the museum I work at. We have a cut-away B-25 on display. I'll have to see if the door actuators are attached. But, yours looks amazing



10-06-2009, 11:39 PM

#397 (permalink) 



buffalowings
Member

Join Date: Jun 2009
Posts: 316

Bomarc, this is amazing, but one question, do you have any tips for coloring the edges? I bought a pack of acrylic paints and attempted to color the edges, but every time, a bit of paint would get on the printed side


10-07-2009, 01:11 AM

#398 (permalink) 

rman
Member

Join Date: Jan 2009
Posts: 21

Quote:

Originally Posted by **buffalowings** 
Bomarc, this is amazing, but one question, do you have any tips for coloring the edges? I bought a pack of acrylic paints and attempted to color the edges, but every time, a bit of paint would get on the printed side

I have had good luck of late coloring edges with Tempera paints and using a piece of .025 in music wire as the brush. Only gets paint on the edge and the Tempera paint dries faster than acrylic I thank.

10-07-2009, 02:47 AM

#399 (permalink) 



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 457

Quote:

Originally Posted by **Texman** 
And you should add the cannon shells. At least a few, so folks know what the rack is for.

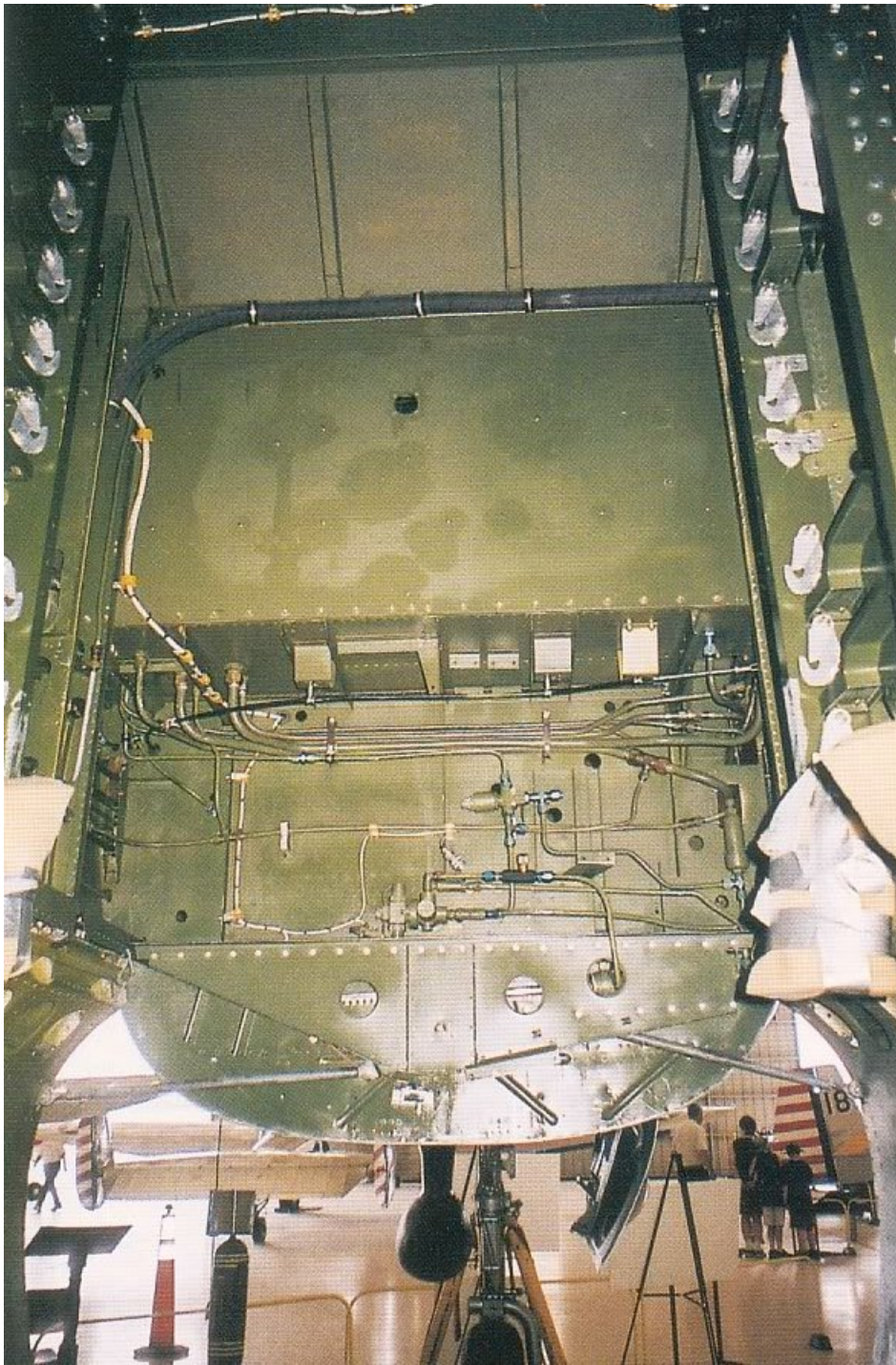
Good point Ray, I hadn't considered that someone peering in would wonder "what's that box for?" I think I'll make a half dozen and "load" one rack.

Quote:

Originally Posted by **willygoat** 
I'll have to check some of my pictures from the museum I work at. We have a cut-away B-25 on display.

Thanks Willygoat, if you can tell me what's going on behind that triangular panel with the three holes it, that would be **outstanding** (scan from the Wolf book):






You can just see the actuator through the holes on the right. What it's pushing against, who knows? I don't want to make an exact working replica (although that would be very cool), but I would at least like to get my attempt in the ball park.

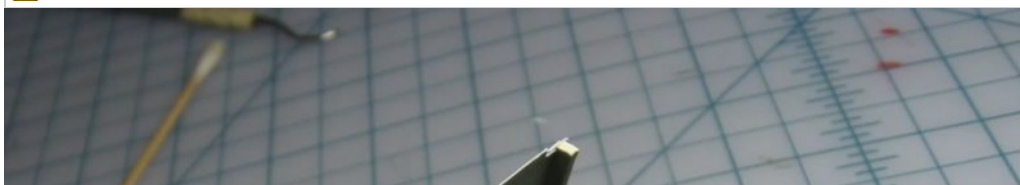
Quote:

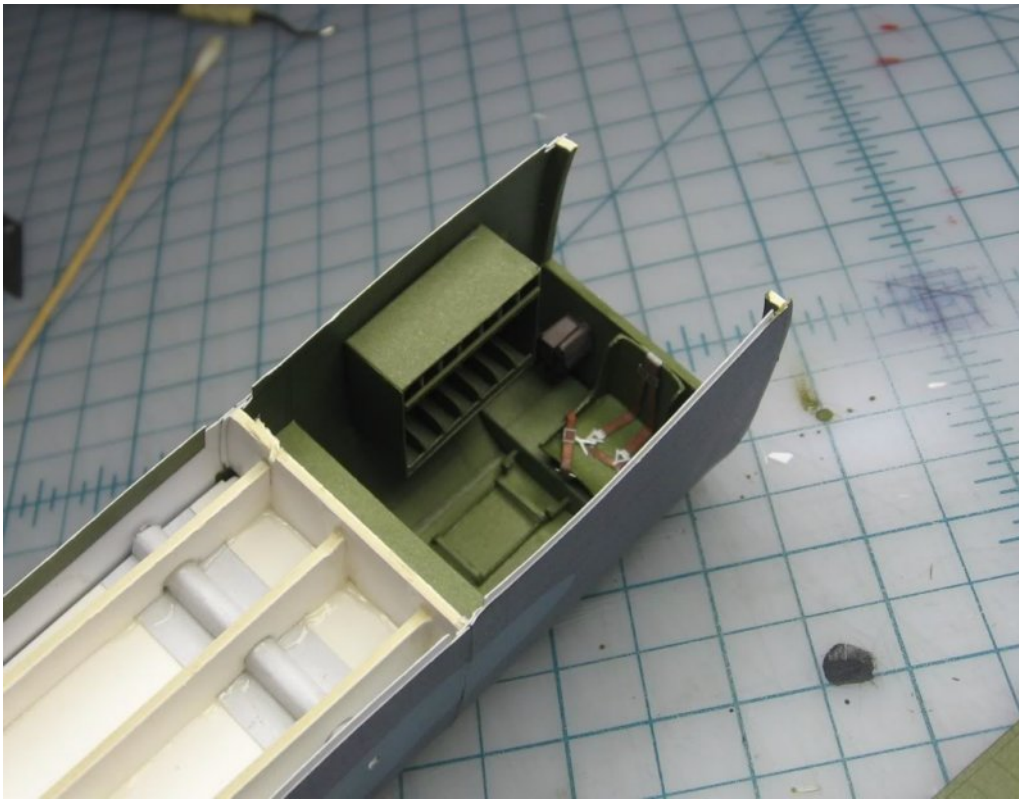
Originally Posted by [buffalowings](#) 
.... do you have any tips for coloring the edges? ...

BW, next time I'm coloring edges, I'll try to take a picture of what I'm doing (kinda hard with one hand holding the camera). But in the short term, for acrylic or enamel model paint (I switch back and forth), I use a number "0" brush, and apply the color from the *backside* of the part. That way, most of the overflow will be on the "bad" side. If there is any excess on the "good" side, I quickly use my index finger to wipe it away. Speed counts in that situation. You can always tell that I've edged a bunch of parts by the "tiger stripes" on my index finger...

Finished and mounted all the parts that will go in the forward compartment:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x795.





You can see the dark colored cannon breech to the left. I actually had to glue the shell rack higher and further to the rear than where Orlik marked its location. If I put it where they wanted it, it would have been smack up against that breech. Wouldn't be able to load squat then....

Now I can concentrate on the bomb bay.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-07-2009 at 03:03 AM.



10-07-2009, 04:21 AM

#400 ([permalink](#))



Ron0909
Member

Join Date: Aug 2008
Location : Ottawa, Ontario, Canada
Posts: 321

Mike, the internals are a small piece of art all by themselves 😊 It takes a real modeler's spirit to put that much effort into things the average person won't be able to even detect. I agree....a few in the rack would be really cool (I just like watching your builds 😊)

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



Page 40 of 77 [« First](#) [<](#) [30](#) [38](#) [39](#) **40** [41](#) [42](#) [50](#) [>](#) [Last »](#)

Tags [Edit Tags](#)
None

Quick Reply

Message :



PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

Orlik PBJ-1H Mitchell

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)



Page 41 of 84 << First < 31 39 40 **41** 42 43 51 > Last >>

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-06-2009, 10:43 PM

401 ([permalink](#))



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

I looked through my pictures and I don't have a close up of that spot. I'll try to get out there Thursday or Friday after school. Any other parts you want pictures of?



10-07-2009, 05:40 AM

402 ([permalink](#))

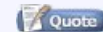


peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

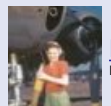
Looking very VERY VERY nice Mike. The detail on the seat and shell rack is good, and i'm liking the scratched Jacks - well worth the extra effort my friend 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-07-2009, 06:02 AM

403 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Ron, Peter: thanks for the support, but bear in mind everything in that space is OOB (Out Of the Booklet), including the (what I thought would be cheesy) seat harness. I'm surprised a little cut out belt/buckle could look fairly convincing.

Quote:

Originally Posted by **willygoat**
..... I'll try to get out there Thursday or Friday after school. Any other parts you want pictures of?...

I truly appreciate it WG. If you happen to be by there to look around that's great, but please don't go out of your way for me. I'd just like to see what's going on behind that panel.

Studying the picture some more, I see a "rack" (as in "rack and pinion" like in a car's steering mechanism) in the hole to the left. I'm wondering if the hydraulic jack pulls and pushes the rack, which turns a pinion that's connected to the actual door struts. Notice how the struts attached to the bay doors emerge from behind the plate at different locations and angles? I think there's a central pivot point right in the middle of all that.

If I have time today, I'll make a sketch of what I *think* is going in there.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#) Moderator
here: <http://p51.sig.ipbfree.com/index.php>



10-07-2009, 06:32 AM

404 ([permalink](#))



jagolden01
Member

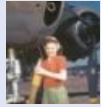
Join Date: Jan 2008
Posts: 511

Mike, interior details are looking awesome. The rack and seat belts look perfect. It's not so much about exacting detail as it is about fooling the eye and letting the viewers mind fill in the rest.



10-07-2009, 08:55 AM

405 (permalink)

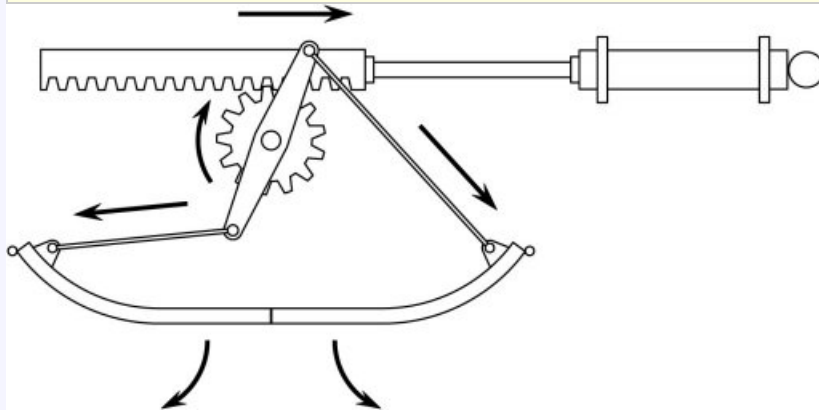


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

OK, I had a little time so I threw this together. This is what I think is going on behind the triangular shaped panel:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x506.



Maybe some of you mechanical engineering types out there can do a reality check on this, or better still, any B-25 "boffin" who has an assembly drawing from a manual.....

I know I'm being excessively anal about this, but I'm not only interested in building plane models, I'm also fascinated by the details of how the real ones go together, and how things operate within.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>

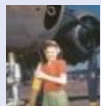
Last edited by Bomarc; 10-07-2009 at 09:15 AM.



Login to remove ads

10-07-2009, 11:21 AM

406 (permalink)

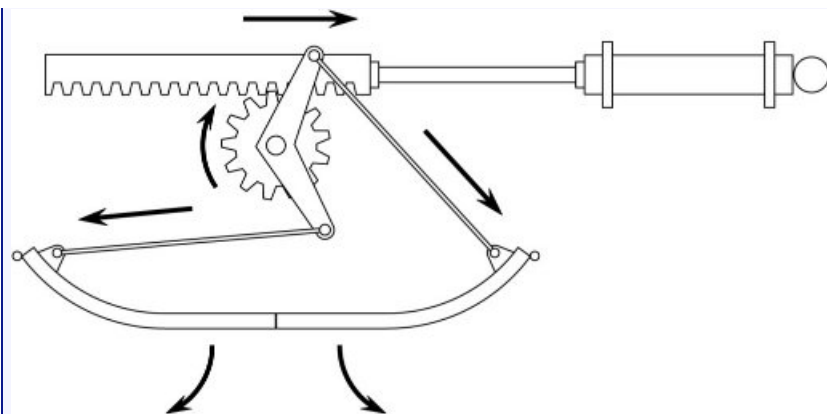


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Modified the above sketch after I realized that the arms opening the doors had to be the same length if the door are to open the same amount:

This image has been resized. Click this bar to view the full image. The original image is sized 1022x506.



Seems plausible.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-07-2009, 11:56 AM

407 (permalink)



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226

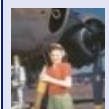
Mike,
I'm not a mechanical engineer, but the arms should be mounted farther away from the hinges in order for the doors to open. Other than that I think you are spot on.

Michael Krol
www.gremirmodels.com



10-07-2009, 12:33 PM

408 (permalink)

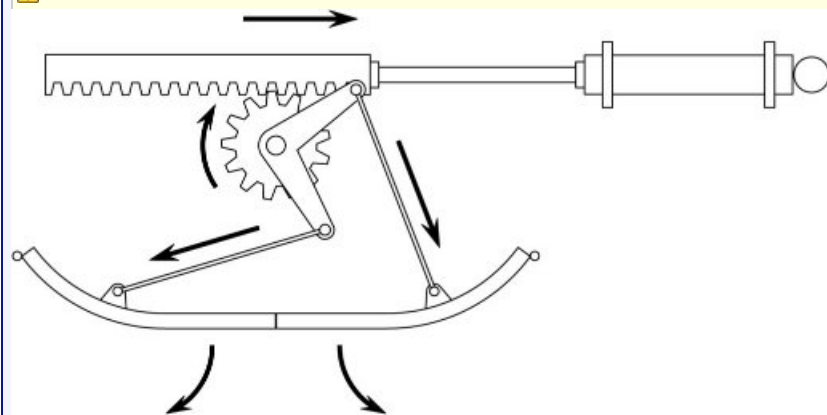


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Revision 2:

This image has been resized. Click this bar to view the full image. The original image is sized 1022x506.



Thanks Mike, I think you're absolutely right. Of course changing one thing throws the geometry off, and others things have to be

fixed. And, of course, I've no idea if this is even *close* to the real set-up, but it's fun trying to noodle it through anyway.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-07-2009 at 12:54 PM.



10-07-2009, 03:10 PM

409 ([permalink](#))



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Mike, the picture on page 40 looks fairly clear on the geometry. As shown, doors are open and the positioning of the actuator attachment points on each door is visible. The struts from the door attachment go to a hidden arm. The left strut appears to be visible for its entire length. Assume that arm rotates about where the dimple in the panel is -aircraft centerline and halfway from the rivet line above to the bottom of the fuselage. The barely visible rack has to pull to the right to close the doors, teeth on the bottom, so the pinion gear on the arm would turn the arm clockwise to close. This would push the doors out slightly, then pull them closed - appears to be an "over center" position to lock them open in the picture. I'll try and work up a diagram (unless there is an obvious, out-to-lunch error in the above).

Yogi

BTW - don't know if this is a repeat but: http://www.pbjmittell.com/pbj1h_drawings.htm



10-07-2009, 03:53 PM

410 ([permalink](#))



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Mike - quick sketch overlaying the photo :

[bombbay.jpg](#)

I think you had it right to start with.

Yogi

STBY - and fixed. The linkage looks like it does go over center to lock open; also straight bell crank.

Last edited by Retired_for_now; 10-07-2009 at 04:06 PM. Reason: operator stupidity



Login to remove ads

Post Reply

Page 41 of 84 « First < 31 39 40 **41** 42 43 51 > Last »

[« Previous Thread](#) | [Next Thread »](#)

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

Register

FAQ

Community ▾

Calendar

Today's Posts

Search

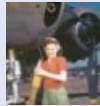


Page 42 of 84 << First < 32 40 41 **42** 43 44 52 > Last >>

LinkBack ▾ Thread Tools ▾ Display Modes ▾

10-07-2009, 04:33 PM

411 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Outstanding Yogi!!! 🙏

Thanks so much for that technical illustrations link. You just added twice the build time to this project, because now I'm like "OK, now I gotta build that thing, and put in those little widgets over there, and what the hell is that thing, and then....." Yeah, thanks buddy..... 😞

Just kidding, it's a great link, and will be a useful guide. However did you find it?

But I *really* want to thank you for that picture overlay you did, it really brings things into focus. I'm going to print it out and have it handy, as I think I have a pretty good idea of what to do now.

Kinda fun trying to figure out how these things work, ain't it? 🤔

I owe you one sir.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-07-2009 at 04:52 PM.



10-07-2009, 06:07 PM

412 (permalink)



Retired_for_now
Member

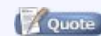
Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Just a builder, not an artiste like you -- but I am the Google-meister. Search term was < "bomb bay" door mechanism > with one or two useful links per first 10 pages of results. Try it and see - info on lots of other bomb bays and some ???***? It's amazing what's out there; so much so I'm not sure we don't have a few links in the net out beyond Alpha Centauri.

Yogi

Payback, hmmnnn? Do something for someone you meet and tell them to pass it on - it'll get back to me eventually. Other options: donate something to a local school that will get the little barbarians excited about science; a thread with a more artistically rendered version of the big ISS would be nice (if you can find somewhere to display it).

Last edited by Retired_for_now; 10-07-2009 at 06:30 PM.



10-07-2009, 06:35 PM

413 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

you guys ROCK.... this justs gets me going every visit GUARANTEED 🙏

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-08-2009, 06:28 AM

414 (permlink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

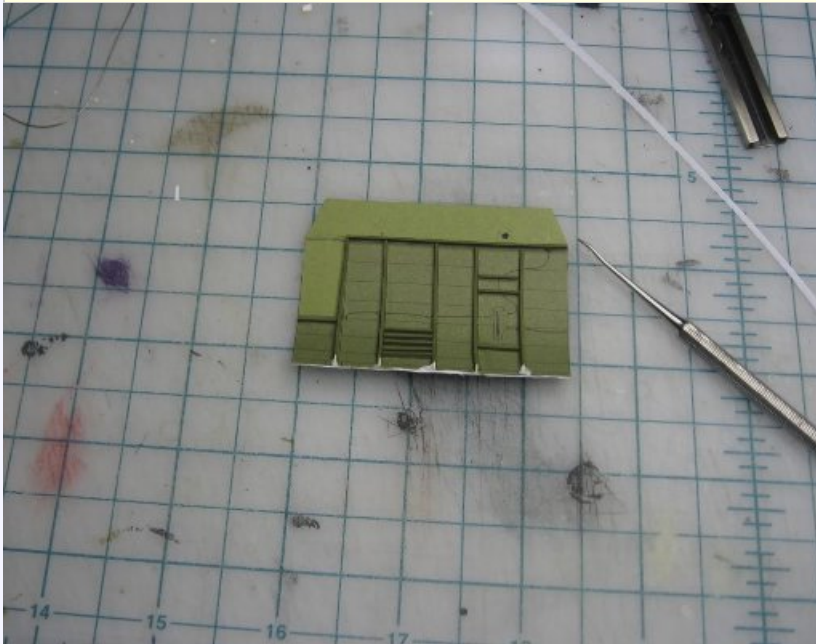
Originally Posted by **Retired_for_now**

*Payback, hmmnnn? Do something for someone you meet and tell them to pass it on - it'll get back to me eventually.
Other options: donate something to a local school that will get the little barbarians excited about science; a thread with a more artistically rendered version of the big ISS would be nice (if you can find somewhere to display it).*

Fair enough Yogi, but I seem to recall a well rendered model of the ISS already in progress somewhere around here....Oh yeah it's right here: [The BIG ISS](#)

Slow but steady progress on the bomb bay last night. Orlik rendered some little device on each of the sidewalls:

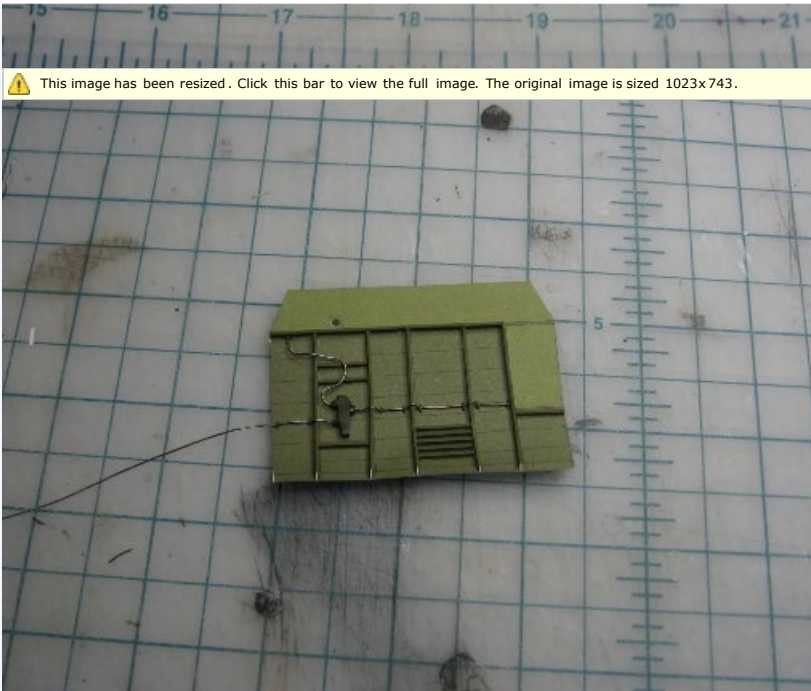
This image has been resized. Click this bar to view the full image. The original image is sized 1023x802.



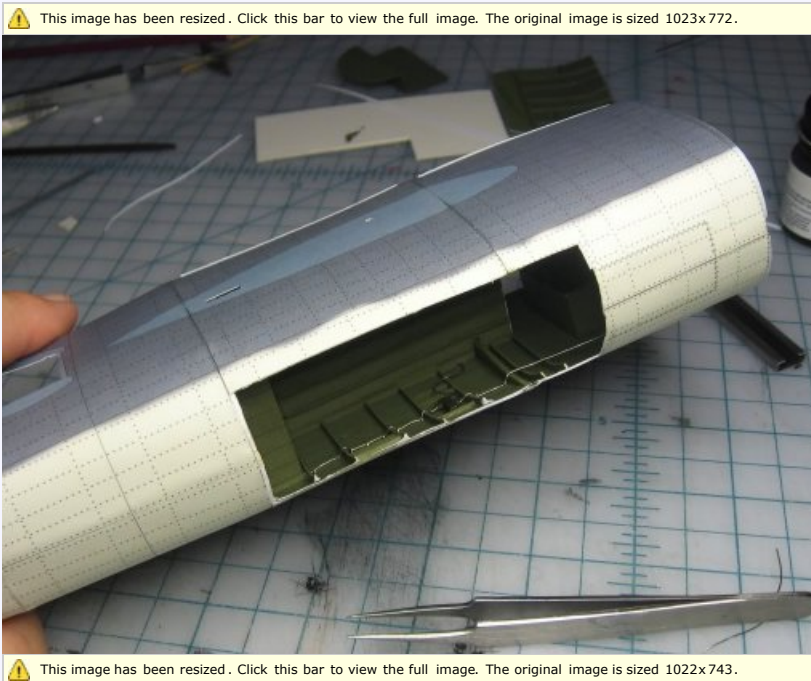
Not sure what it's supposed to be, but it falls in the area just behind the bomb racks, so maybe it's the release relay or some such? Anyway, decided to bring it into the world of 3D with some mat board and solder wire (same I used on the engine ignition wires):

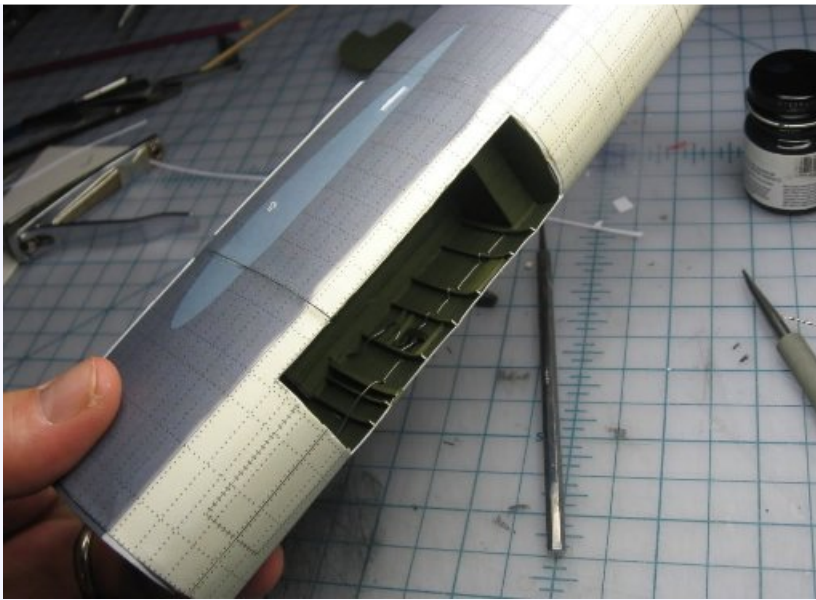
This image has been resized. Click this bar to view the full image. The original image is sized 1023x764.





That was about all I wanted to do with those pieces, so I glued them into the fuselage:





Adding those pieces helped straightened out the sides, but I'll still have to spend some time cleaning up and lining the edge of the opening.

If I have the time tonight, I'll make the bomb racks using what's supplied in the kit, and start work on the forward bulkhead with the retraction stuff. I'm actually stalling a bit on that last part as I'm waiting on the punch set I ordered from "jmcdermott" (no pressure Jason, I know you have supplier issues at the moment), as there's some larger sized punches in the set I think I'm going to need. But I have lots to keep be busy in the meantime, so it's all good.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51.siq.ipbfree.com/index.php>



10-08-2009, 08:41 AM

415 (permalink)



Wyvern
Member

Join Date: Jul 2009
 Location: North Florida, USA
 Posts: 1,023

Awesome... this build is one of the most impressive I've ever seen.

Wyvern



Login to remove ads

10-08-2009, 10:16 AM

416 (permalink)



willygoat
Member

Join Date: Jul 2007
 Location: Papillion, Nebraska
 Posts: 1,269

That looks great! I had to take the day off for another injury to the kid, so I'm heading to the museum. My son wants to see air planes. I can't let the little guy down. 🙄



10-08-2009, 09:34 PM

417 (permalink)



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

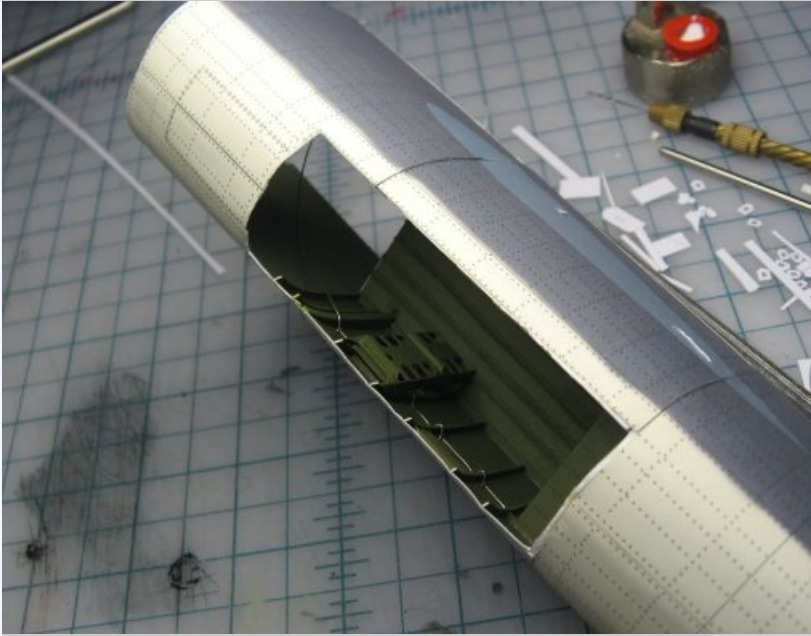
Quote:


Originally Posted by **willygoat**
I can't let the little guy down.

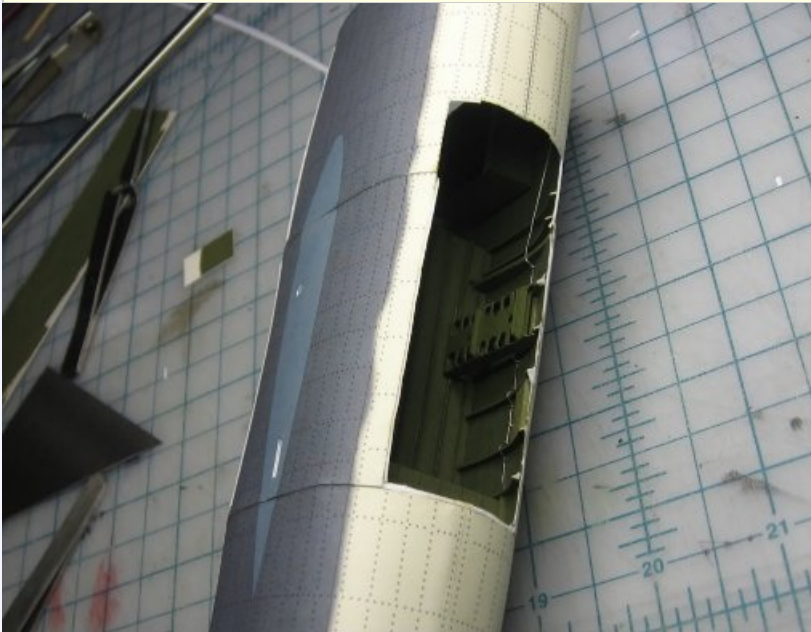
No you can't. Thanks WG!

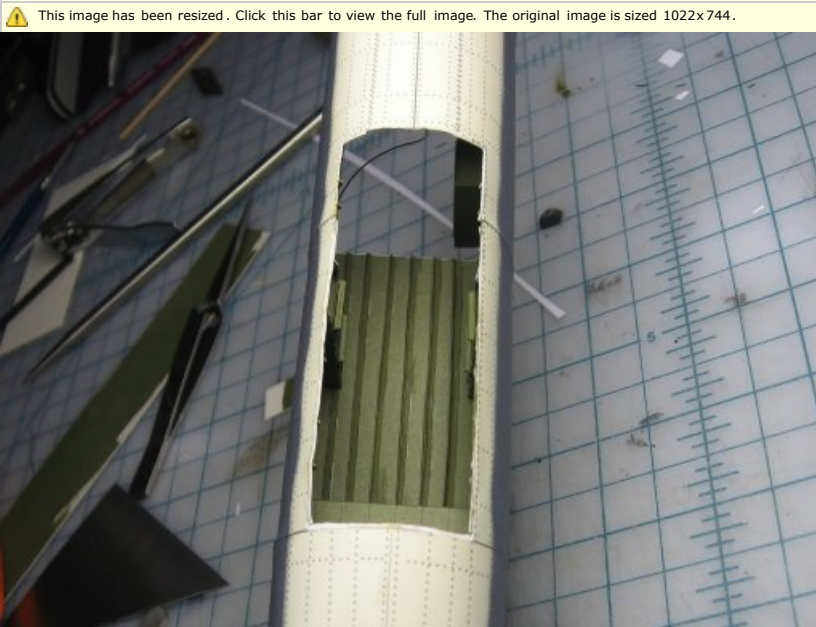
Super short entry tonight. Two words: bomb racks.

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x790.



 This image has been resized. Click this bar to view the full image. The original image is sized 1021x785.

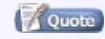




Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-08-2009 , 09:41 PM

418 (permalink)

Wily
Member

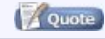
Join Date: May 2009
Posts: 152

Gee whiz...while you're at it, why not add little robotic men who are trained to fly and maintain the plane, too?

I mean...it's obvious you could do it!! 😊

Fantastic work...😊😊

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



10-09-2009 , 05:37 AM

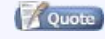
419 (permalink)

 **solo67**
Member

Join Date: Nov 2007
Location: hadera israel
Posts: 103

hey mike this is so realistic ...the soldering wire is a grate idea ...never crossed my mind to use it....but now...😊😊😊
what glue do you use for gluing it and how does it come out so clean???

Moshe O



10-09-2009 , 06:14 AM

420 (permalink)

 **willygoat**
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,269

That's looking pretty awesome! I got a bunch of pictures of the inside panels of the Mitchell, along with the bomb bay door mechanism. Other than the placement of the connecting rods on the doors, you had it right on the first one Mike.

I'll try to post some pics at school today. If that doesn't work, I'll do it right when I get home. I got pretty much the entire inner fuselage aft of the bomb bay. Some details aren't there because parts of the outer skin are off the plane.



Login to remove ads



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
[HTML](#) code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:36 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

Register

FAQ

Community ▾

Calendar

Today's Posts

Search

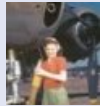


Page 43 of 84 « First < 33 41 42 **43** 44 45 53 > Last » ▾

LinkBack ▾ Thread Tools ▾ Display Modes ▾

10-09-2009, 06:17 AM

421 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [solo67](#) ▾
.....what glue do you use for gluing it and how does it come out so clean???.....

Hi Moshe! Mostly I use plain ol' Elmer's white glue, and sometimes Aleene's tacky glue when I need more "stick" for larger parts. I like the Elmer's for the small fiddly bits as I can apply a small bead on edges etc, something that Aleene's isn't so great at. Sometimes I mix Elmer's and Aleene's 50/50 to get the best properties of each in one shot (Elmer's flows better, Aleene's grabs better).

I also like Elmer's because it dries to a semi-matt finish, that's why it seems so "clean" (it's all an illusion). The Aleene's dries glossy, which is another reason I stay away from it for small detail work.

Mike

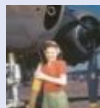
"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-09-2009, 06:20 AM

422 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [willygoat](#) ▾
That's looking pretty awesome! I got a bunch of pictures of the inside panels of the Mitchell, along with the bomb bay door mechanism. Other than the placement of the connecting rods on the doors, you had it right on the first one Mike.

I'll try to post some pics at school today. If that doesn't work, I'll do it right when I get home. I got pretty much the entire inner fuselage aft of the bomb bay. Some details aren't there because parts of the outer skin are off the plane.

WG, you are completely DA' MAN!!! 🍀

Thank you sir, I owe you one too.

Mike

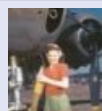
"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-09-2009, 06:39 AM

423 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Wily**

Gee whiz...while you're at it, why not add little robotic men who are trained to fly and maintain the plane, too?

John, these aren't robotic, but have a gander at what our friend Felipe ("Felixalv") in Spain is doing to spruce up his B-25J:

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

Modeling from around the world....how cool is that?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-09-2009 at 07:06 AM.



10-09-2009, 07:09 AM

424 (permalink)

**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **Bomarc**

John, these aren't robotic, but have a gander at what our friend Felipe ("Felixalv") in Spain is doing to spruce up his B-25J:

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

[Maquetas y modelismo en papel - B-25 J Mitchell ORLIK 1:33 - Aviones militares](#)

Modeling from around the world....how cool is that?

Mike

Mike, that guy must have the same blood running through his veins - two guys with incredible skill 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-09-2009, 12:52 PM

425 (permalink)

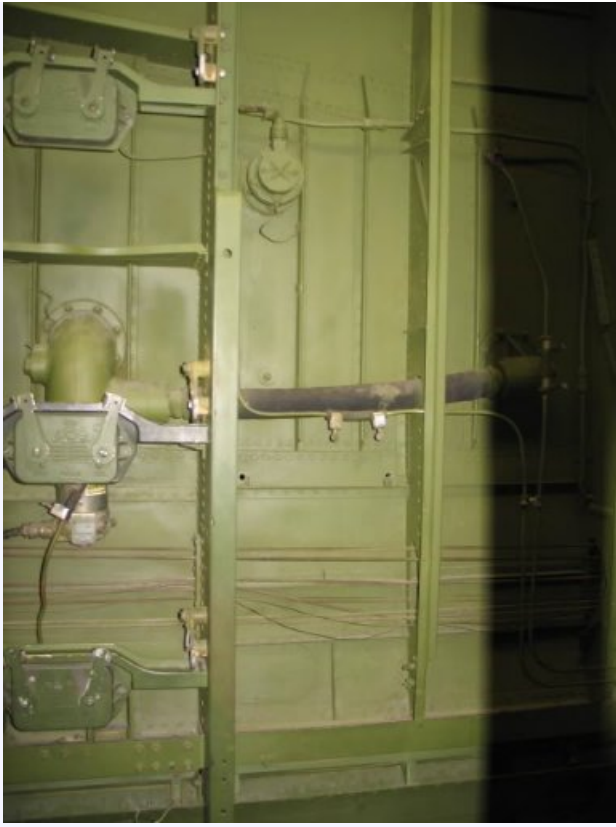
**willygoat**
MemberJoin Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

Here's the first round of pics

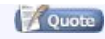
I got some of the bombay walls. You did a pretty good job of getting all of the detail. These are from front to back on the right side











Login to remove ads

10-09-2009, 12:59 PM

426 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

Door Mechanism

Here it is from the side- you can see the arm coming down to the door, and a little through the hole in the bracket. you can also see the actuator and rack piece



This is from the bottom left. You can clearly see the straight rack piece on top of the gear. The arm for the connecting rods is fixed

to the gear .



10-09-2009, 01:10 PM

427 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,269

Here is a series of shots of the interior aft of the bomb bay. Mostly it's of the right side. The left side has some of the skin removed.
Radio Operator



Right Waist Gunner



Right Escape Hatch



Rear fuselage



Left side of Radio Operator



Left side panel



Left Waist gunner



Right Waist gun detail shot

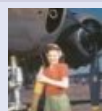


I hope these help! Enjoy 🍷



10-09-2009, 01:15 PM

428 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Well that settles THAT! It's nice to know all that hypothesizing wasn't that far off.

Thanks so much Willygoat! Guess I better get busy tonight....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



10-09-2009, 03:07 PM

429 (permalink)



willygoat
Member

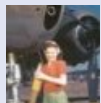
Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,269

Dang tootin'! You better make this thing extra fancy!



10-09-2009, 10:00 PM

430 (permalink)




Bomarc
Member

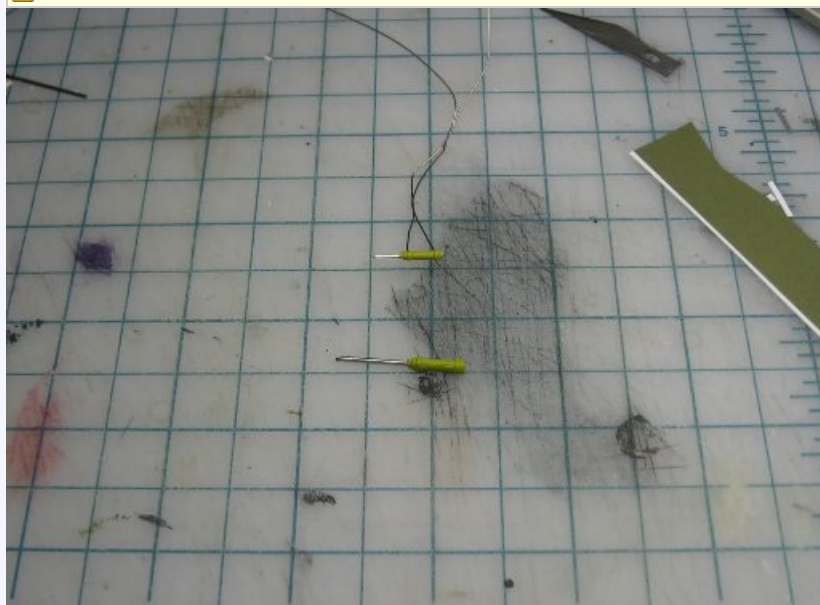
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

OK, then.

After the great assists from Willygoat and Yogi, I think I've captured the salient features of this bomb bay door mechanism. But I'll let "you make the call".....

Here's what I have so far. First thing out of the chute, after looking at the great photos WG took, I realized that I needed to make a smaller hydraulic jack:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x747.



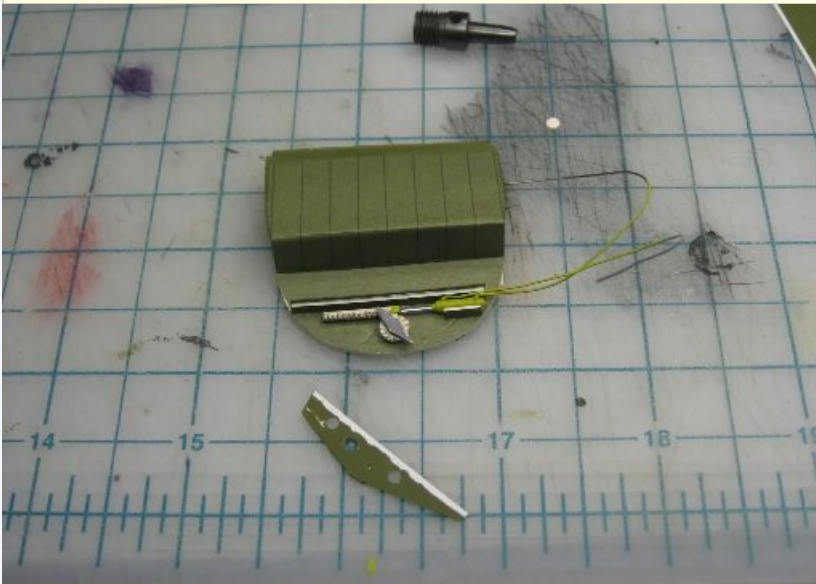
The first one I made is on the bottom (duh!). The new one was made with a smaller paperclip wire and I went ahead and added the "hydraulic lines" (more solder wire). The step in the Orlik part for the front bulkhead isn't quite the same proportion as what I perceive it is in the real article, so I had to fudge a bit on the size and location of the components:

⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1023x752.



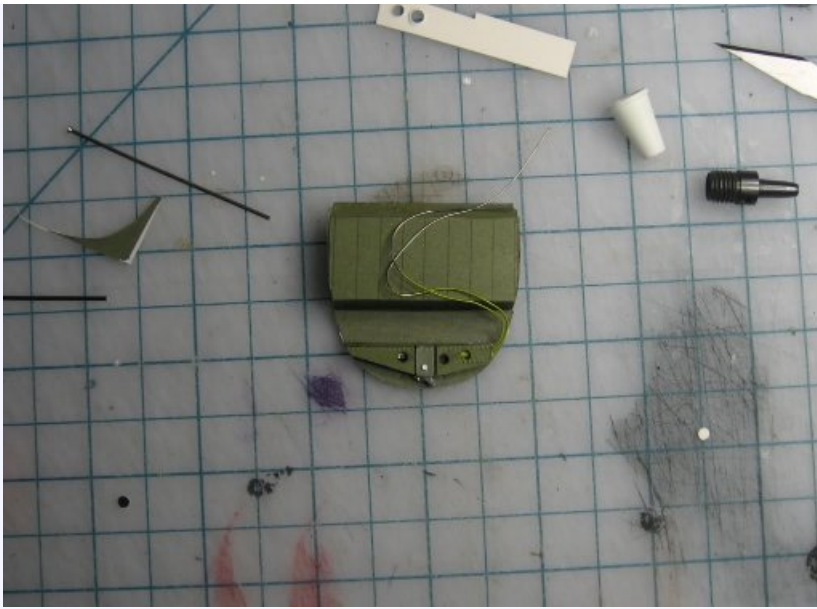
Looking left to right: the "rack", the "arms", and you've already met the "jack". Below that is the infamous "triangular plate with three holes". Remember now, I'm trying to capture the gist of all this, so this is by no means a 1:1 representation . Here's the above components installed before the plate goes on top:

⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1024x729.




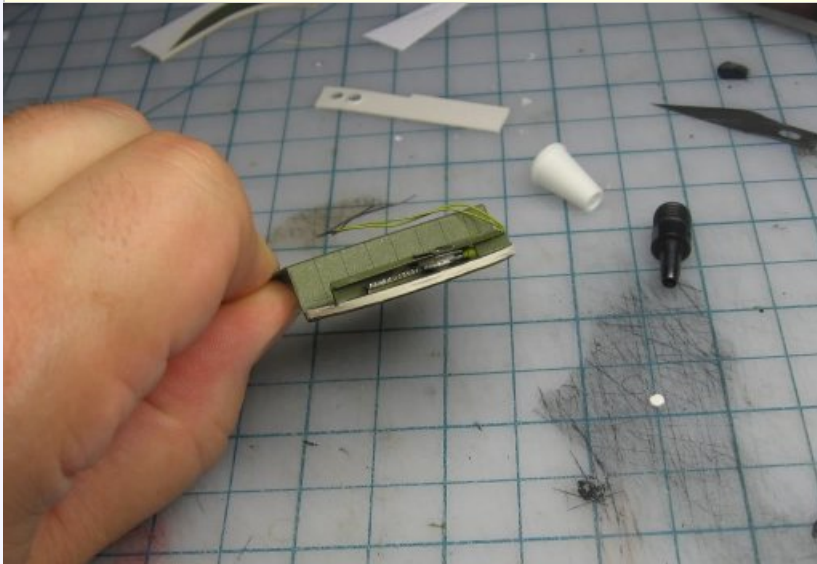
And with the plate installed:

⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1024x753.




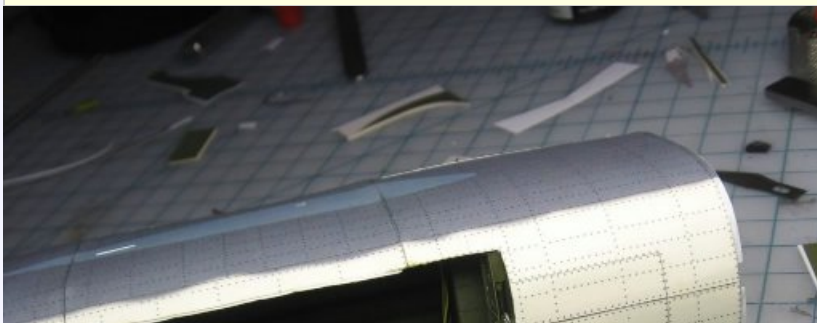
This is what you'll see from the bottom of the ship:

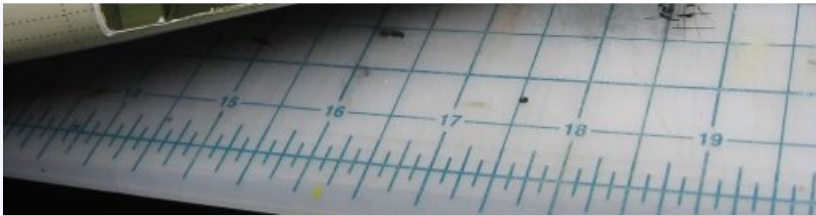
 This image has been resized . Click this bar to view the full image. The original image is sized 1023x702.



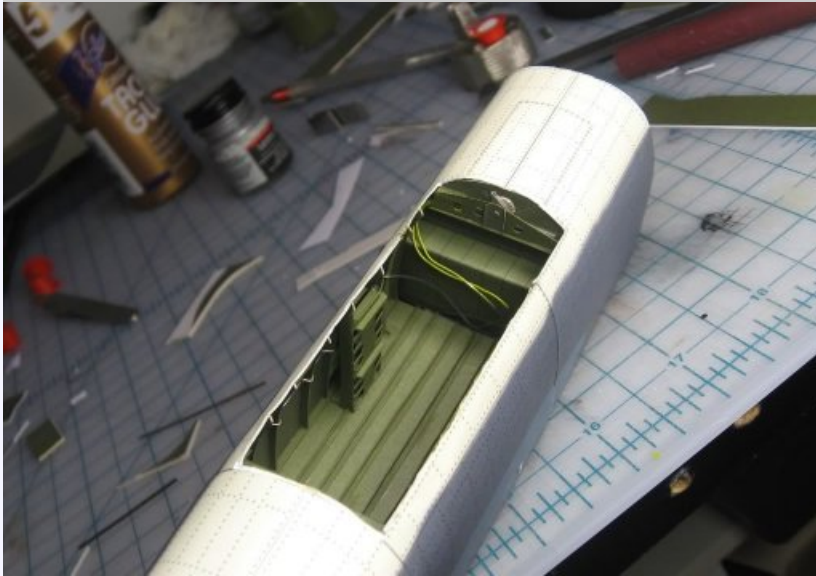
And for fun, what it looks like when it's home in the fuselage:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x815.





This image has been resized. Click this bar to view the full image. The original image is sized 1024x718.



So how'd I do gang?

And the best part: I was able to get there with the help of the folks on this forum. I would hope that would speak volumes to anyone reading this about the caliber of the membership here.....but then again, your mileage may vary (mores the pity).

Thanks guys!

Updates as I can manage to make them.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.siq.ipbfree.com/index.php>

Last edited by Bomarc; 10-09-2009 at 10:43 PM. Reason: Hah! Like I'd tell you, after what YOU did! Not a chance....



Login to remove ads

Post Reply

Page 43 of 84 << First < 33 41 42 43 44 45 53 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

- You **may not** post new threads
- You **may not** post replies
- You **may not** post attachments
- You **may not** edit your posts

BB code is **On**

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

Orlik PBJ-1H Mitchell

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 44 of 84 [« First](#) [<](#) [34](#) [42](#) [43](#) **44** [45](#) [46](#) [54](#) [>](#) [Last »](#)

[LinkBack](#)

[Thread Tools](#)

[Display Modes](#)

10-09-2009, 10:32 PM

431 ([permalink](#))



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226

WOW!
This is really a new standard in detailing the model.

Michael Krol
www.gremirmodels.com

[Quote](#)

10-10-2009, 06:57 AM

432 ([permalink](#))



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

Mike,
It's just getting better and better. Of course, you know you are infected with AMS* now, don't you? And you know, there is no cure!

*Advanced modellers syndrome. Symptoms include visions of parts not included, thoughts of parts to be made, and methods and materials to make them.

Ray

Don't squat with yer spurs on.It's gonna hurt

[Quote](#)

10-10-2009, 07:31 AM

433 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

I know Ray. And I thought I was cured of it when I went from plastic to paper....

But I'm having fun, hope everyone else is too!

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#) Moderator
here: <http://p51.sig.ipbfree.com/index.php>

[Quote](#)

10-10-2009, 07:48 AM


434 ([permalink](#))

kenlwest
Member


Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

After seeing those pictures, you just couldn't help yourself; could you! Definitely a symptom of AMS.. The detail you added makes the extra effort (surgery) worth it. Fantastic!

Ken



10-10-2009, 08:13 AM # 435 (permalink)




Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 350


Yeah guys, *he who's name can't be uttered* did it again didn't he? We're simply not worthy 😊

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/aviation/estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



Login to remove ads

10-10-2009, 08:13 AM # 436 (permalink)




OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Bar has been set way too high! Can no longer see it! This model is definitely setting a new standard for detail (and you may well have a terminal case of AMS!)

Ron S.



10-10-2009, 09:36 AM # 437 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **kenlwest** 
After seeing those pictures, you just couldn't help yourself; could you!

Well I couldn't let all that great intel from Willygoat and Yogi go to waste, could I? 😊

Quote:

Originally Posted by **Ron0909** 
*... *he who's name can't be uttered*...*

Whose name is that?

Quote:

Originally Posted by **Ron0909** 
.... We're simply not worthy 😊

Oh, PULEEEESE ...you say that as you finish up that fine Albatros of yours? You can do stuff like this in your sleep.... 😊


Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.siq.ipbfree.com/index.php>



10-10-2009, 01:18 PM # 438 (permalink)




willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

I'd say you nailed that door mechanism. it's about as perfect as you can get. Great stuff. 🍻🍻🍻

[Quote](#)

10-10-2009, 02:11 PM # 439 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386


Checking back on in this world class build after nearly two weeks out of Internet contact. Glad to see that it continues at the same high level.

Looking forward to seeing 8-Ball in the flesh (or, paper, as it were) at the IPMC in two weeks, Mike.

Don

[Quote](#)

10-10-2009, 04:03 PM # 440 (permalink)



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Awsome work on the bomb bay mechanism - but I'm drawing the line if you arm the bombs in the bay ...

Yogi

[Quote](#)

Login to remove ads

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

BB code is **On**
 Smilies are **On**
 [IMG] code is **On**
 HTML code is **Off**
 Trackbacks are **On**
 Pingbacks are **On**
 Refbacks are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:41 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by vBSEO 3.3.2

User Name Remember Me?
Password

Orlik PBJ-1H Mitchell

[Post Reply](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-10-2009, 05:57 PM

441 [\(permalink\)](#)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

If the bombs actually get armed, there really is no more trying....

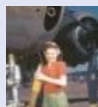
Ray

Don't squat with yer spurs on.....It's gonna hurt

[Quote](#)

10-10-2009, 07:52 PM

442 [\(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

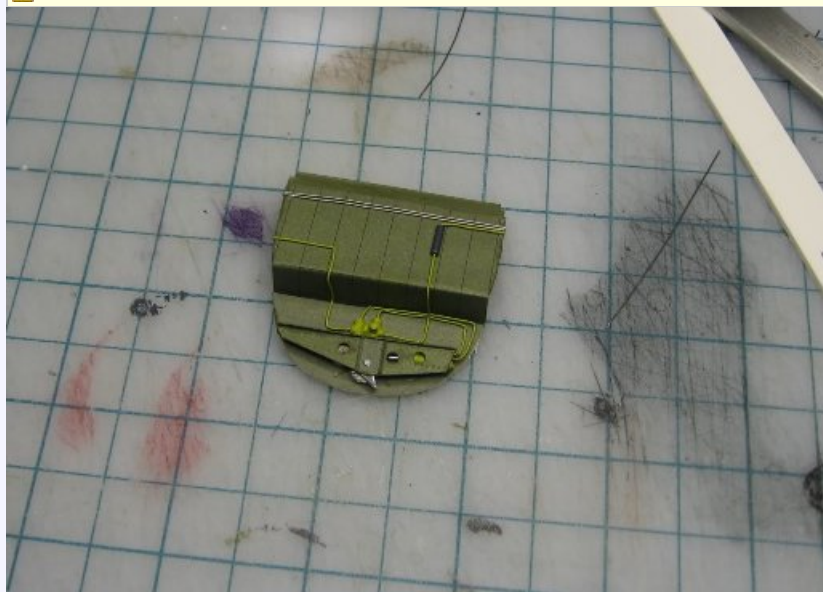
Quote:

Originally Posted by [Don Boose](#)
Checking back on in this world class build after nearly two weeks out of Internet contact.....

Welcome back Colonel Don! You missed last week's gripping episode wherein I had to perform an emergency lobotomy on this kit's fuselage. A heart stopping moment (not really).

You guys want AMS, I'll show you AMS 😊. I added the little hydraulic valve and some plumbing:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x731.



This thing's ready to mount, then I can move on to the rest of the fuselage (finally).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-10-2009, 08:52 PM

443 ([permalink](#))



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Quick! Somebody increase his medication before he starts putting slots in screw heads!

Ron S.



10-10-2009, 09:25 PM

444 ([permalink](#))



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 350

Mike, I finally finished mine so I can hang out here and harass you more often 😊

That bulkhead is amazing. I'm really impressed with the near psychic powers you used to deduce what was behind it. C' mon mister....on with the rest!

Ron

Now Building Halinski's 1:25 Bergepanther

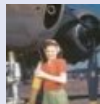
<http://www.papermodelers.com/forum/a...estions-2.html>

Last Build...Marek's Albatros CXII in 1:33



10-10-2009, 10:50 PM

445 ([permalink](#))

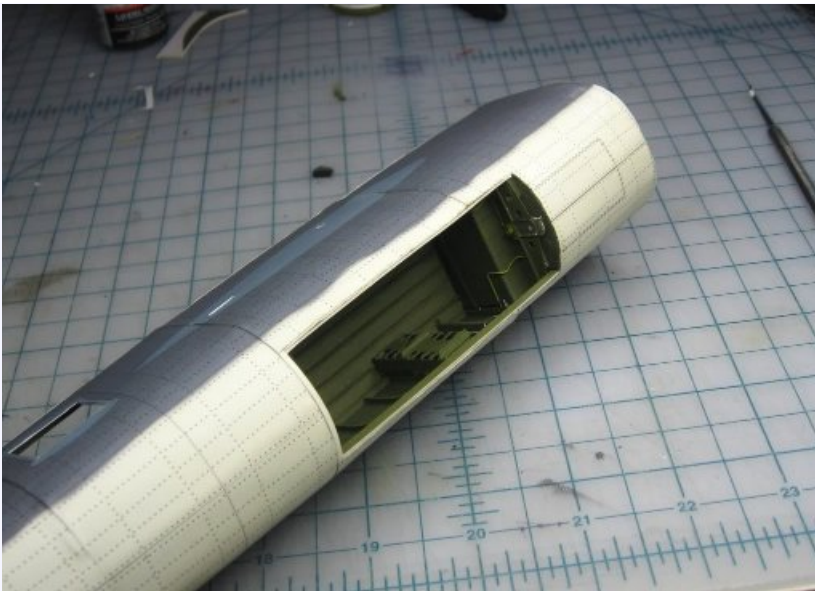



Bomarc
Member

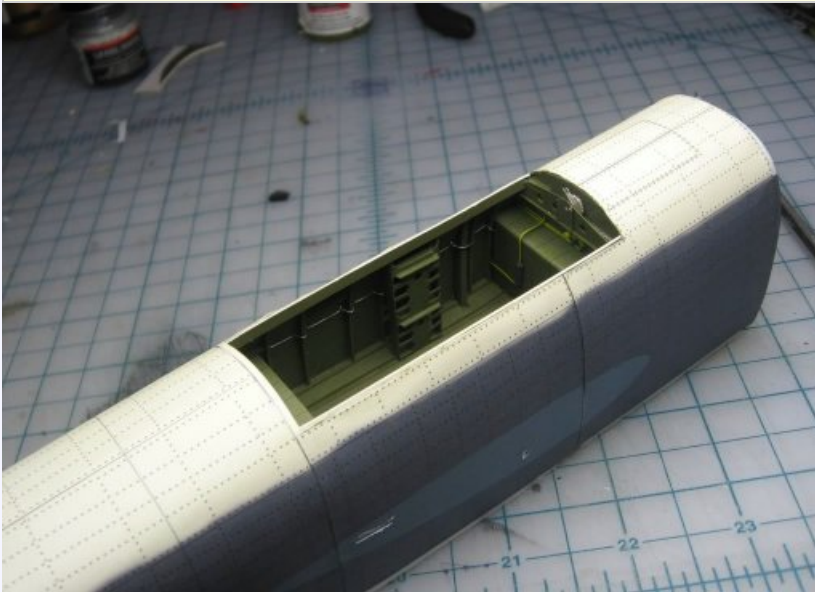
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


OK, I'm calling the bomb bay done. The front bulkhead is attached, and I cleaned up the edges:

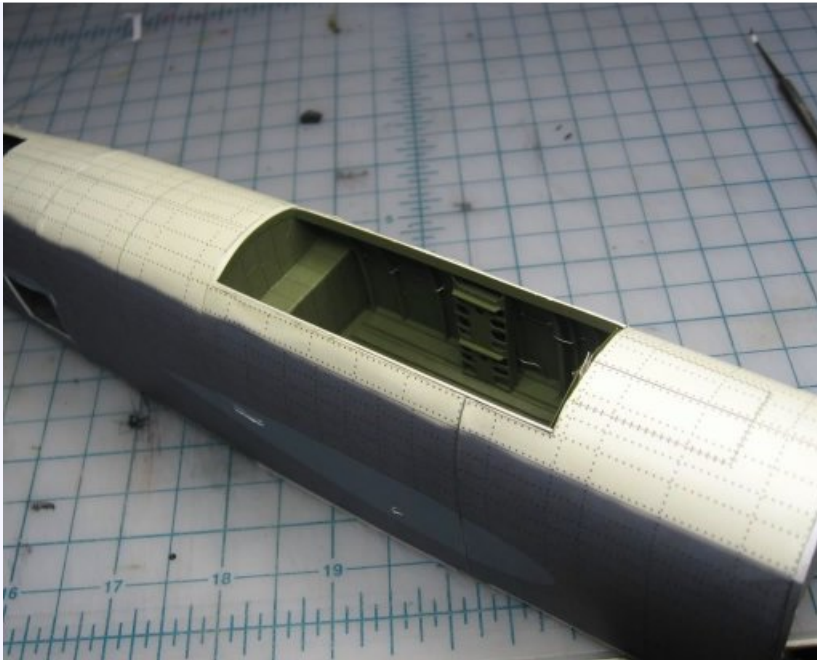
This image has been resized. Click this bar to view the full image. The original image is sized 1024x735.




 This image has been resized . Click this bar to view the full image. The original image is sized 1024x736.

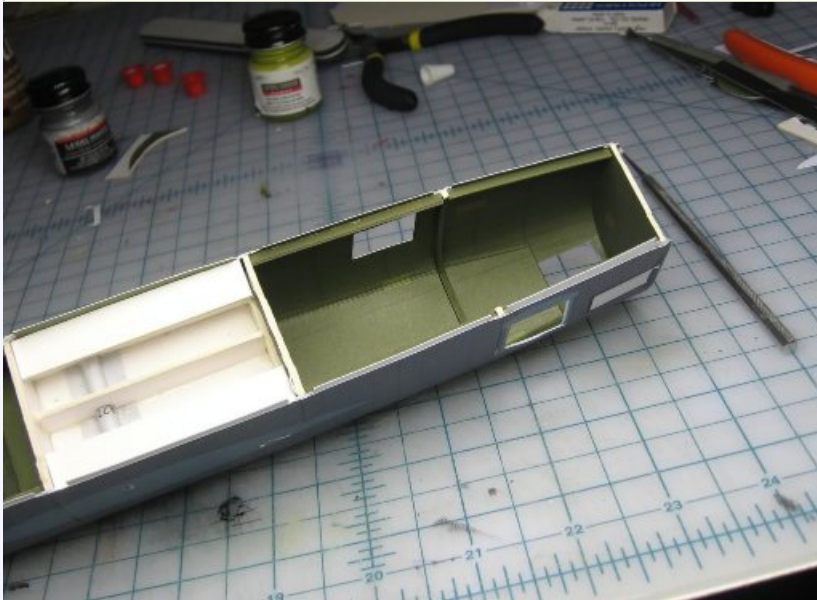



 This image has been resized . Click this bar to view the full image. The original image is sized 1024x824.

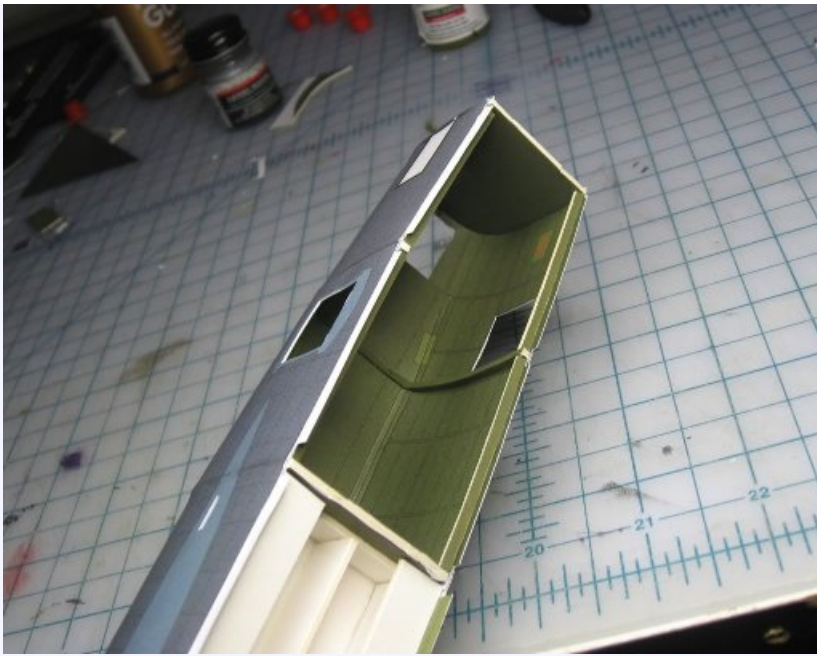


Now on to the back half of the fuselage, starting with some basic stuff, adding the sides and floors:


 This image has been resized . Click this bar to view the full image. The original image is sized 1023x749.



 This image has been resized . Click this bar to view the full image. The original image is sized 1023x810.



I'll add some formers and longerons, some bits and pieces, but not much will be seen directly through the opened hatch, so I'll play it by ear. Of note, I've lined the top with mat board strips:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x675.



While these will simulate fuselage structure, I made them out of mat board to help keep the cut edges of the fuselage straight, and give me something substantial to "push" against when it comes time to glue the top back on. That seam needs to be as if it never happened, so the straighter it is the better. It seems more like I'm building a ship right now vice an airplane fuselage. Strange assembly sequence.

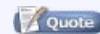
"Slots in screw heads".....hmmmmmmmm 🤔

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>



Login to remove ads

10-11-2009, 12:30 PM

446 (permalink)




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


I knew this kit was big.....

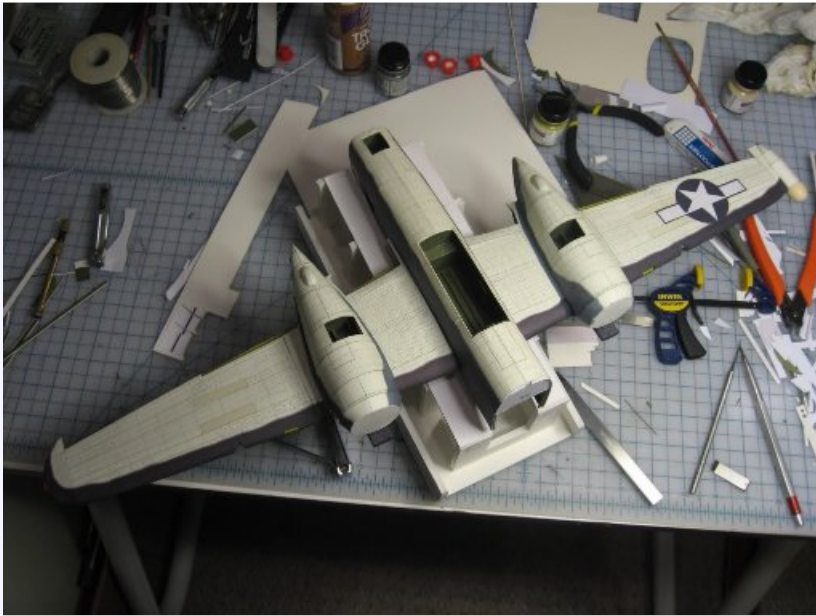
....but not THAT big!!

Was putting together another tip post as I worked on the after fuselage (probably see it later tonight), but for the moment, thought some here might like to see these pics. At the minimum, it gives me hope that this might actually look like a PBJ in the end :

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x767 .



 This image has been resized . Click this bar to view the full image. The original image is sized 1023x767 .



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Apologies for the chintzy sofa shot, but I had to prop everything up to keep the engines from falling off. Also, sorry for the soon to be declared a disaster area work desk. That's actually bad even for me....

A tad disappointed that Orlik didn't quite capture the gull wing look of the Mitchell. They built it in, but I think they should of exaggerated it a bit for this scale. Oh well....

Onward and upward.

Mike

"Please to continue....."


Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-11-2009, 03:36 PM

447 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 109


ooooooh.....my....Lord!...

mike...thank you, thank you, thank you!


Those pics are awesome! just an idea..when you enter this model into any IMPS..please make an album available for the public to see the progression of this stellar work.

proud to be part of this thread.

to buy ...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



10-11-2009, 04:38 PM




dhanners
Member


448 ([permalink](#))

Join Date: Jul 2007
Location: Roseville, MN
Posts: 89

When he gets this thing done, I fully expect to see little oil stains on his cutting mat from where the engines (as all engines do) leaked oil. It's that realistic....



10-11-2009, 05:02 PM



kenlwest
Member

449 ([permalink](#))


Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Engine oil dripping on the cutting matt? Slots in the screwheads?


This is getting out of hand!

That bombay! WOW! This is really coming together now.

Ken



10-11-2009, 05:03 PM




peter taft
Member

450 ([permalink](#))

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Just when you think things can't possibly be better, Mike puts the bar up another notch... great work mate 😊 When are you starting work on the B-17 {same scale of course} 🙄

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Login to remove ads

 Page 45 of 84 « First < 35 43 44 **45** 46 47 55 > Last »

[« Previous Thread](#) | [Next Thread »](#)

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 46 of 84 [« First](#) [<](#) [36](#) [44](#) [45](#) **46** [47](#) [48](#) [56](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-11-2009, 06:06 PM

451 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks gentleman, it's slowly coming together, and every one's participation in this thread is helping it along and spurring me on to finish.

Quote:

Originally Posted by [peter taft](#)
....When are you starting work on the B-17 {same scale of course}

Peter, I will admit I own the Fly Model B-17 (as well as their Mosquito) and the GPM B-29 (now THAT would be an epic build, see below). However, my next potential project, while in the same era, will not be so "large", at least in size if not in scale. That's all I'm sayin'...

This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Update on the current build later tonight.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>

[Quote](#)

10-11-2009, 06:55 PM

452 ([permalink](#))

**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **Bomarc**

Thanks gentleman, it's slowly coming together, and every one's participation in this thread is helping it along and spurring me on to finish.

Peter, I will admit I own the Fly Model B-17 (as well as their Mosquito) and the GPM B-29 (now THAT would be an epic build, see below). However, my next potential project, while in the same era, will not be so "large", at least in size if not in scale. **That's all I'm sayin'...**

This image has been resized. Click this bar to view the full image. The original image is sized 1024 x768.



Update on the current build later tonight.

Mike

Tease away my friend This thread is fast becoming the PINNACLE of paper model making {or i think, more paper engineering} i mentioned the B-17 because, not only is she a damn fine bird, but to give you FOUR radials to go at... wouldn't want you to get tired of making them Then you go and mention the Mosquito She's one hell of a plane, GORGEOUS in the EXTREME, and with IN-LINE engines certainly a different ball game. So how long will we have to wait for the ANNOUNCEMENT of your next masterpiece sir ? please don't say "til this ones finished" that would be a tad cruel for your devoted followers

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-11-2009, 07:16 PM

453 (permalink)

**batidores**
MemberJoin Date: Feb 2008
Location: Barcelona
Posts: 46


It is delightful to follow this thread.
The job in the bomb bay is amazing, and photographic support, a luxury.
This is a history class, using the paper as excuse. In what is becoming a very worthy tribute to a great plane.


Greetings



10-11-2009, 08:04 PM

454 (permalink)



flying rasta 

Member


Join Date: Aug 2009
Posts: 109

ummm..build the mosquito..dang it!...thats next..right?

she's sleek sexy, looks fast standing still... ahhhhh


and to think we are talking about aircraft!


to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



10-11-2009, 08:55 PM

455 (permalink)



GreMir 


Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226

Mike,

If you are going for the Mosquito, pick one of the new ones. Better fit, more detail and less headaches. Personally I would vote for the B-17. I remember that there were upgrade parts for it - cockpit, bombay and the interior. They were done by one of the modeleres and posted on Z (I think...)

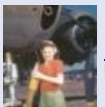
Michael Krol
www.gremirmodels.com




Login to remove ads

10-11-2009, 09:54 PM

456 (permalink)



Bomarc 


Member

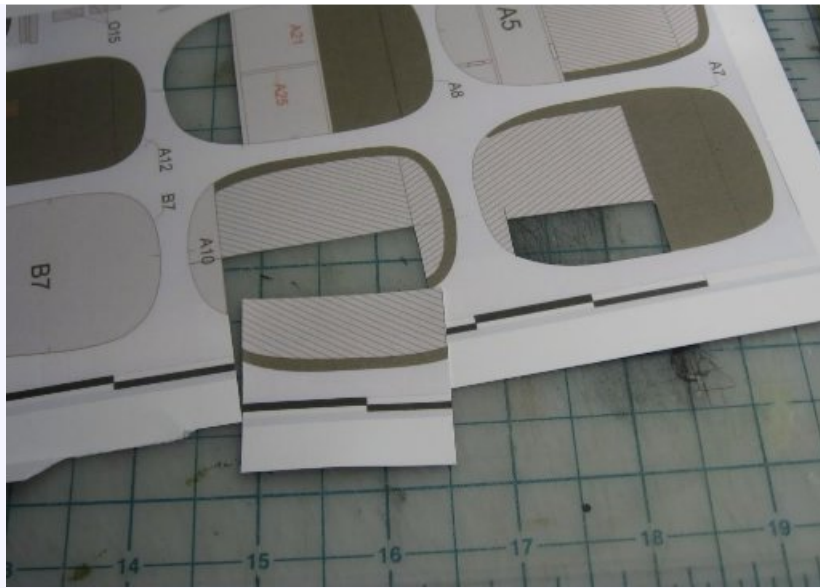
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Slow down guys, right now I just want to get this Mitchell finished, then I can look ahead (sorry Peter, that all the answer I have at the moment).

Towards that end, as promised (and since I had all these pictures taken and uploaded), I wanted to share with you how I detail the inside of the fuselage using 0.5mm card for formers. It's not as tedious as it could be with a little planning.

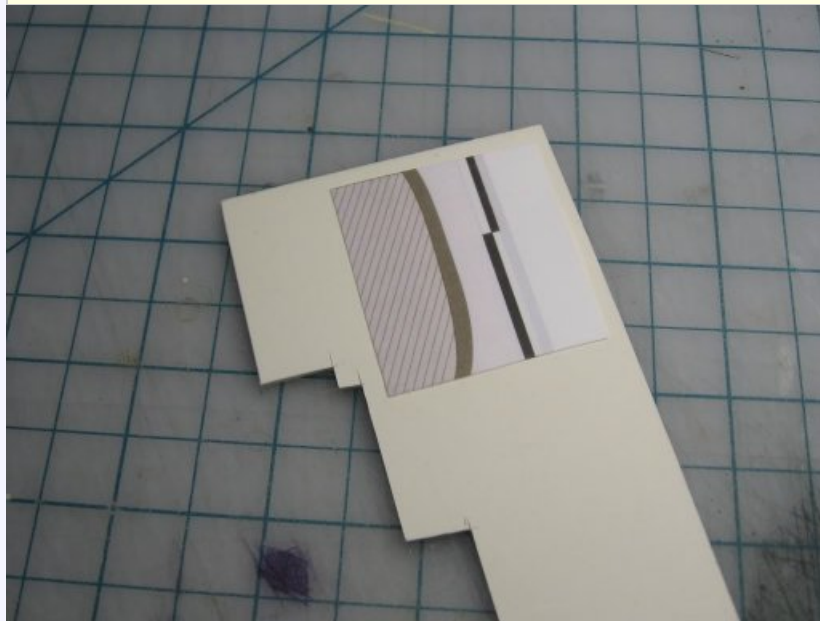
First thing I did is plot out one of the formers of the kit that was scanned way back when. This gave me the basic shape I needed :

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x726.




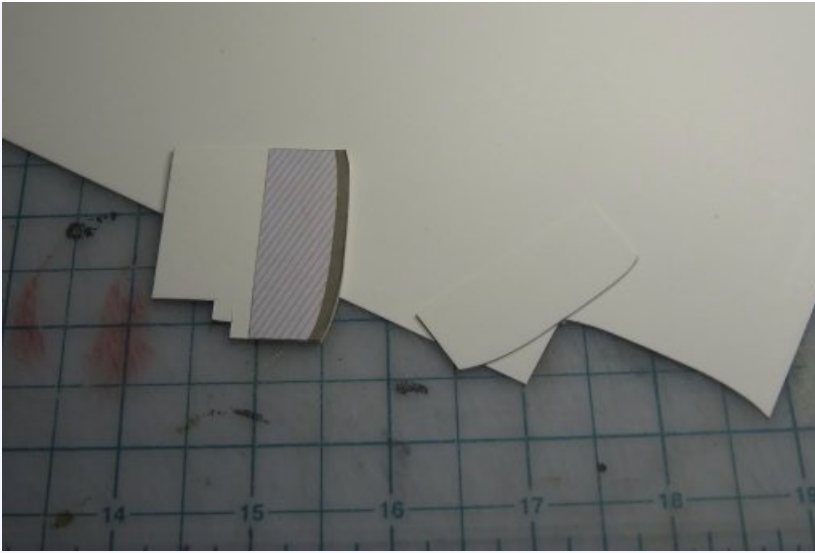
I glued that to some mat board:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x770.




Then cut it out, and using it as a pattern, I cut the same shape from 0.5mm card:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x685.




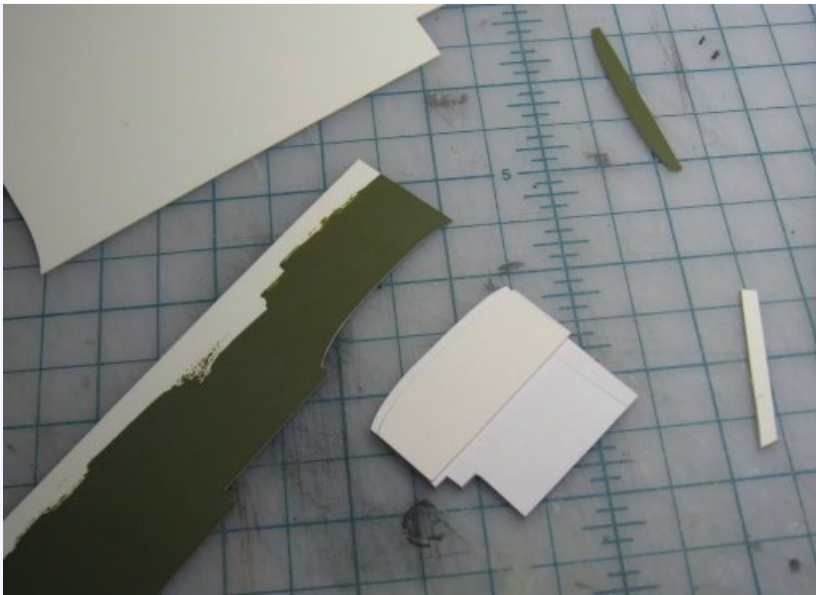
I glued the thinner piece to the back side of the mat, spacing its edge to the dimension I wanted my formers to be for the kit. This became my "tool":

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x779.




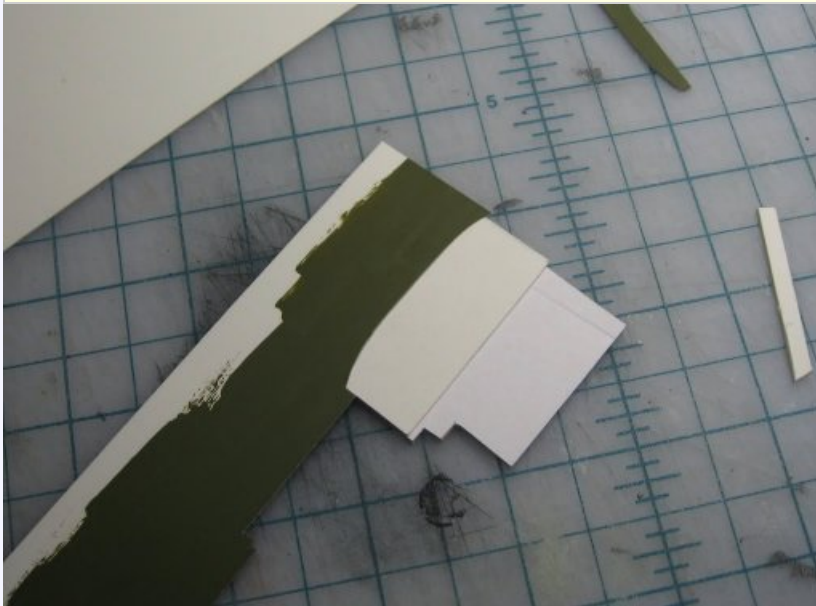
I took some 0.5mm card and painted both sides with the matching green paint I mix up way back when, and cut the same shape out of one side:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x738.




Now the card "tool" fits snugly up against the painted card:

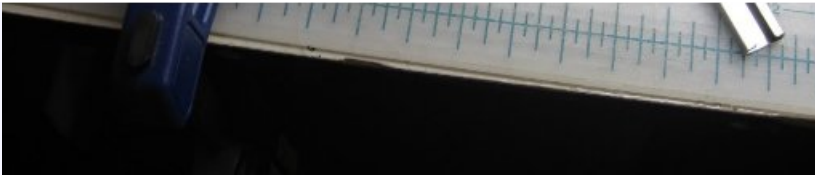
 This image has been resized . Click this bar to view the full image. The original image is sized 1022x752.



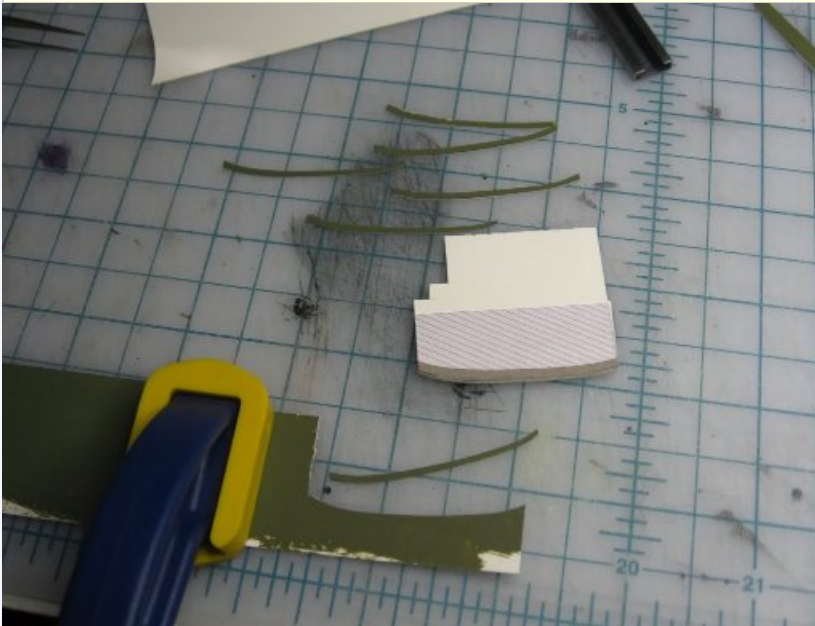
Turning the whole thing over, and I used the tool to cut out a former of constant thickness (it helps to clamp the work down to keep it from moving). Each successive cut leaves behind the same shape that the tool fits in. Repeatability is the goal:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x710.



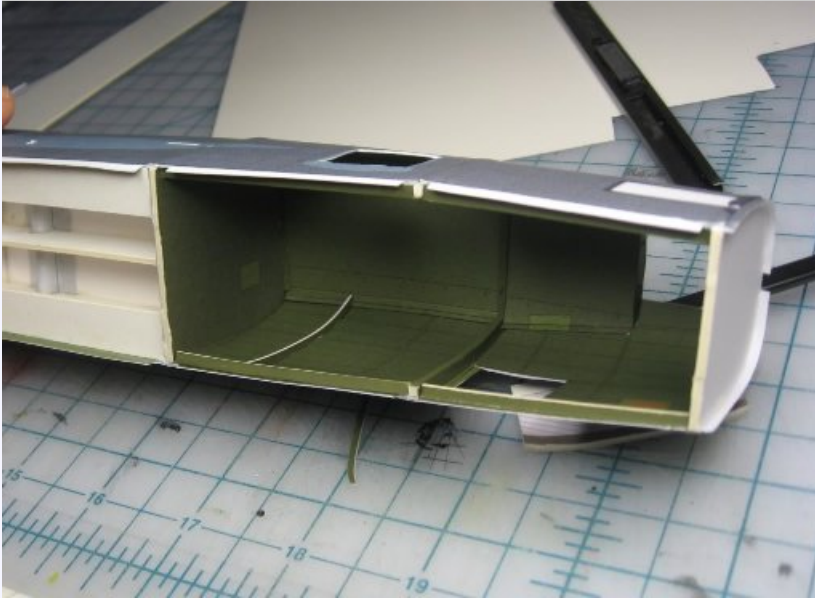


⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1024x779.



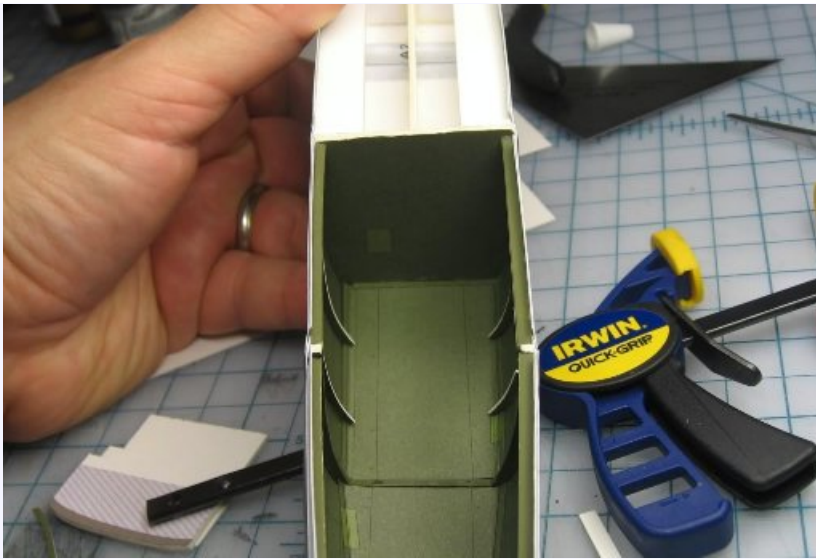
Fits pretty good in there:

⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1024x745.




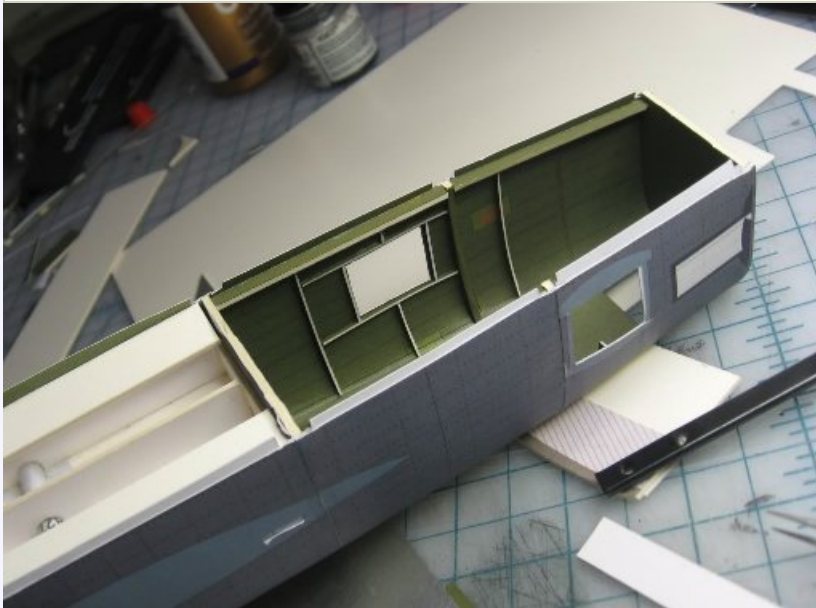
Looks uniform too when more are added :


⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1023x692.



I slowly added the rest. Horizontals are just straight cuts :

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x757 .

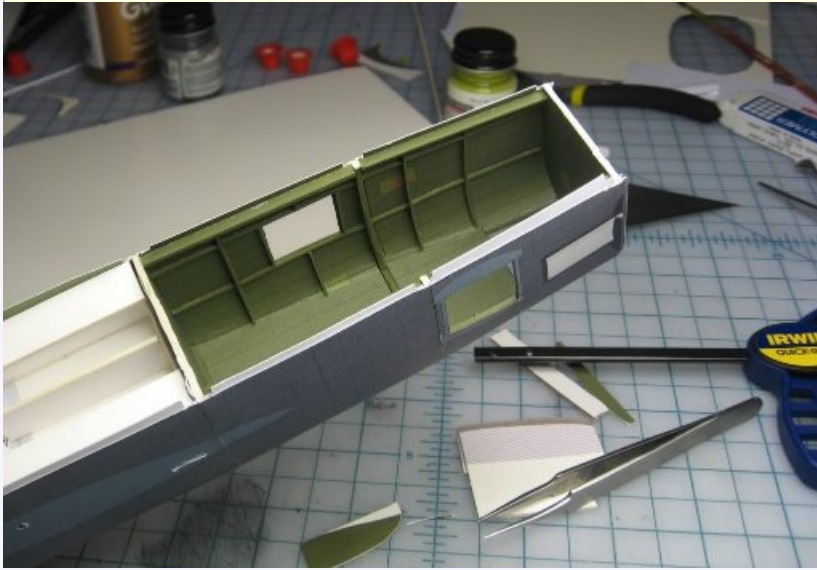


 This image has been resized . Click this bar to view the full image. The original image is sized 1023x738 .



Once everything's in place, I came back with the green paint, and finish all the edges :

⚠ This image has been resized . Click this bar to view the full image. The original image is sized 1023x705.



And that's how you do that.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.siq.ipbfree.com/index.php>



10-11-2009, 10:06 PM

457 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,269

Geez man! I'm not too sure this thing won't take off and drop little bombs when it's done. You've replicated the interior structure VERY well. 🍷🍷



10-12-2009, 02:50 AM

458 (permalink)

felixalv
Member

Join Date: Mar 2009
Posts: 8

Hola Mike.

Cuando observaba los detalles tan asombrosos que daba a los motores de este B-25 ya adivinaba que seria un gran trabajo, pero viendo lo que ha hecho con la bahia de las bombas y la gran cantidad de detalle que esta añadiendo a este modelo, además de las técnicas que utiliza para su construcción veo que sera un trabajo verdaderamente excepcional.
Gracias por mostrarnos como debe trabajarse el papel 😊

Saludos
Felipe



10-12-2009, 05:05 AM

459 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **felixalv**

Hola Mike.

*Cuando observaba los detalles tan asombrosos que daba a los motores de este B-25 ya adivinaba que seria un gran trabajo, pero viendo lo que ha hecho con la bahia de las bombas y la gran cantidad de detalle que esta añadiendo a este modelo, además de las técnicas que utiliza para su construcción veo que sera un trabajo verdaderamente **excepcional**.*
Gracias por mostrarnos como debe trabajarse el papel 😊

Saludos
Felipe

I second that 🍷 Just hope it was all complimentary {i understand exceptional} 🍷 Sorry to get the guys all fired up on your next project 😊 But it's like reading a good book by a brilliant author.... you constantly look for the next one even while still reading the one you have got 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-12-2009, 05:09 AM

460 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **flying rasta**

ummm..build the mosquito..dang it!...thats next..right?

she's sleek sexy, looks fast standing still... ahhhhh

*and to think **we are talking about aircraft!***

Agree and Agree - One hell of a GORGEOUS aircraft and a KINGPIN in the history of WWII, BLINK and she's GONE 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Login to remove ads

Post Reply

Page 46 of 84 << First < 36 44 45 **46** 47 48 56 > Last >>

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

Orlik PBJ-1H Mitchell

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

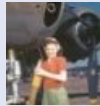
[Post Reply](#)

Page 47 of 84 [« First](#) [<](#) [37](#) [45](#) [46](#) **47** [48](#) [49](#) [57](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-12-2009, 06:13 AM

461 [\(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [peter taft](#)
I second that ☺☺☺ Just hope it was all complimentary {i understand exceptional}

It was Peter, just cut-n-paste his post [here](#). ☺

Felipe is doing great work on the sister ship at the card model site in Spain. Actually there's some great work going all over the place. I can barely keep up with what's going on at this forum, but I check in to those other spots now and again.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)

10-12-2009, 08:09 AM

462 [\(permalink\)](#)



Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 1,023

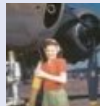
Mike, I swear, the Smithsonian should hire you to do aircraft restorations.

Wyvern

[Quote](#)

10-12-2009, 07:27 PM

463 [\(permalink\)](#)



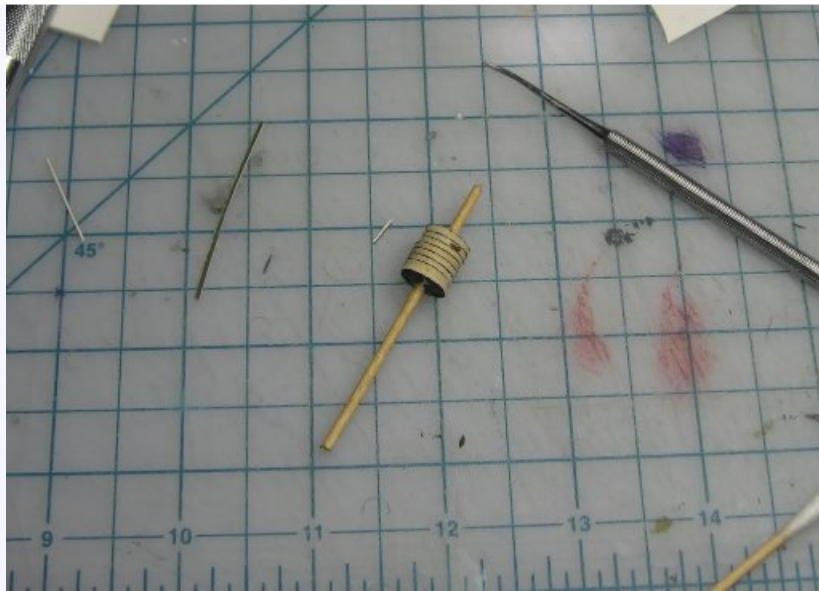
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


Work continues on the after end of the fuselage. I'm going by the Orlik playbook (mostly), but I did want to add the yellow O2 bottle as seen in one of Willygoat's pics. This led me to come up with a new angle on the ol' dremel tool trick (pay attention Ron, this may come in handy).

One of the things that was a pain in the neck when I made the radome nose using the nail/dremel method was that it left a hole that I had to plug up after the fact. I thought that a wooden dowel might be better for such an application:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.




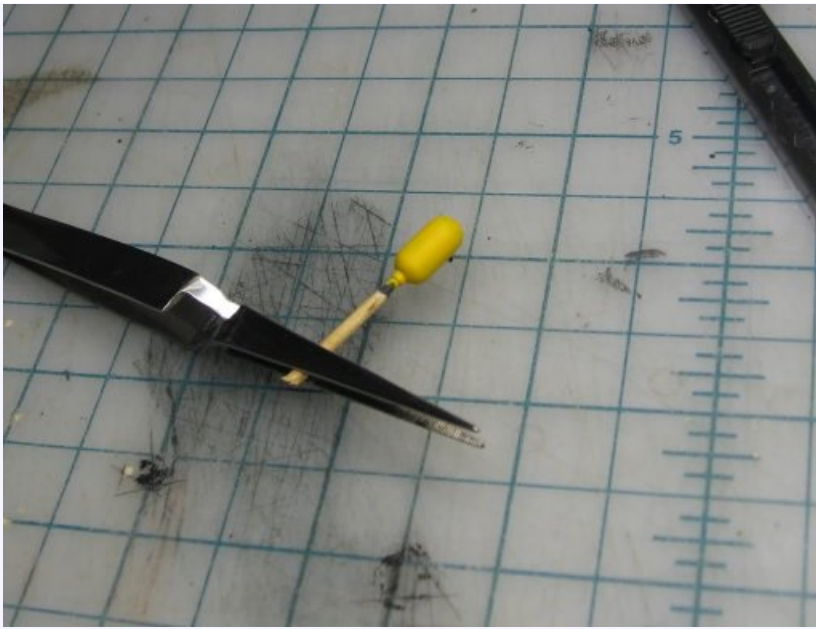
It's just the stick that came from a cotton swab, about 3/32nd thick. I feared that too much pressure would break it when I sanded it down, but no:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x735.




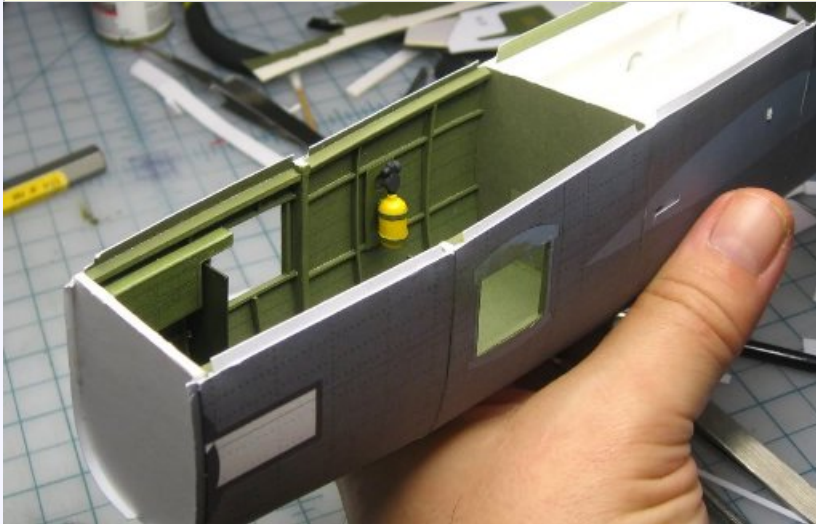
No hole to contend with, just paint and go:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x776.




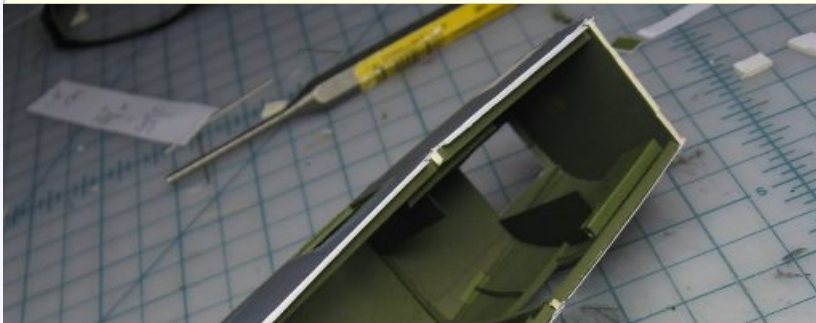
Threw on a couple of doo-dads, and it adds some color to the interior green:

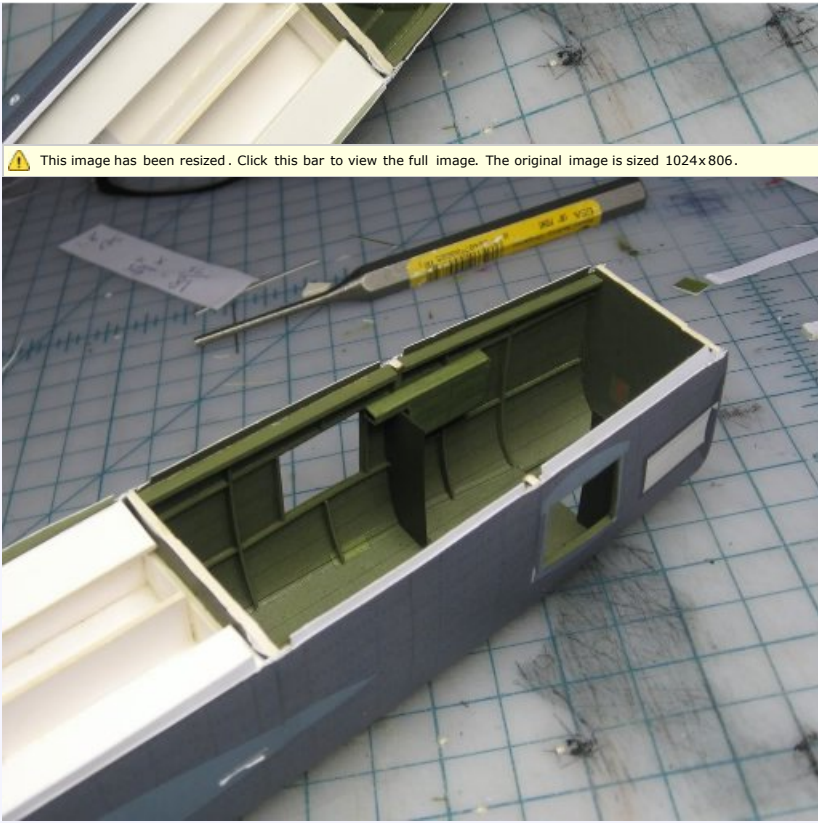
 This image has been resized . Click this bar to view the full image. The original image is sized 1023x651 .



Also added some kit parts : two ammo boxes and the armor plate for the gunners . The Marines apparently took out the .50 caliber guns from these positions, so I guess the boxes and plates are just remnants after the fact:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x731 .





This image has been resized . Click this bar to view the full image. The original image is sized 1024x806.

I painted the armor plates a dark olive drab to give them that harden steel look. All that's left in these areas are two seats (identical to the first seat up forward), and I can work on the roof and button this up.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-12-2009, 08:19 PM

464 (permlink)

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Oh, that wooden shaft is such a brilliant idea! That's why these threads are so valuable - getting to pick better builders' brains!

Ron S.



10-12-2009, 08:32 PM

465 (permlink)

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226

Genius!
The bottle is perfect and your ideas are invaluable help to all of us.

Michael Krol
www.gremirmodels.com



Login to remove ads

10-12-2009, 08:37 PM

466 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

I have some time had tucked away a Bill Hannan sketch for turning a balsa prop spinner using a glued-in dowel for a mandrel. I have been thinking of using that technique to fabricate spinners for little Trotsky models. I'm glad to see it illustrated!

Don



10-12-2009, 11:14 PM

467 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

That's an awesome Oxygen bottle Mike! It is a nice touch 🍀



10-13-2009, 05:37 AM

468 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

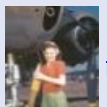
When i see the amount Mike has put into the EXTRA DETAILS of this marvellous build, it makes me feel very honoured to be one of his followers. I thought that the days of seeing true craftsmanship were long gone - Remember those guys who sat cutting dovetail joints into wood, to the guys who could do marquetry like second nature.... Sorry Mike but i am a very emotional kinda guy, and i like to say what i think - You fall into this category of a true craftsman, believe me.. YOU DO ! 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



10-13-2009, 06:24 AM

469 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **peter taft**
.....it makes me feel very honoured to be one of his followers.

That's very kind Peter, but I think it's more "traveling companions" than followers. I'm not trying to start a movement! 😊

Besides, you wouldn't want to follow me anyway, I make too many wrong turns. My wife's GPS hates me! Always with the "Recalculating" (I swear I hear that thing give a heavy sigh when it says that).

Quote:

Originally Posted by **peter taft**
.....i am a very emotional kinda guy, and i like to say what i think...


That's why I like you my friend, you call 'em as you see 'em.....

Mike


"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.siq.ipbfree.com/index.php>



10-13-2009, 06:37 AM # 470 (permlink)



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 350

Mike, thanks for that lesson! I was lighting up a cigarette when I pulled up that picture and promptly put it out. Don't want to end up like Tony's Uncle on the Sopranos carrying one of them around! 😊 Seriously, it's brilliant and looks great! The other lesson here is adding color to draw the eye in. However good those huge tracts of model realestate look, this really finishes it all up

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/aviation/estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



Login to remove ads

 Page 47 of 84 << First < | 37 | 45 | 46 | **47** | 48 | 49 | 57 | > | Last >>

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules 

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

BB code is **On**
Smilies are **On**
[IMG] code is **On**
HTML code is **Off**
Trackbacks are **On**
Pingbacks are **On**
Refbacks are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:44 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?
Password

[Register](#) [FAQ](#) [Community](#) [Calendar](#) [Today's Posts](#) [Search](#)

[Post Reply](#)

Page 48 of 84 [« First](#) [<](#) [38](#) [46](#) [47](#) **48** [49](#) [50](#) [58](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-14-2009, 09:34 PM

471 [\(permalink\)](#)



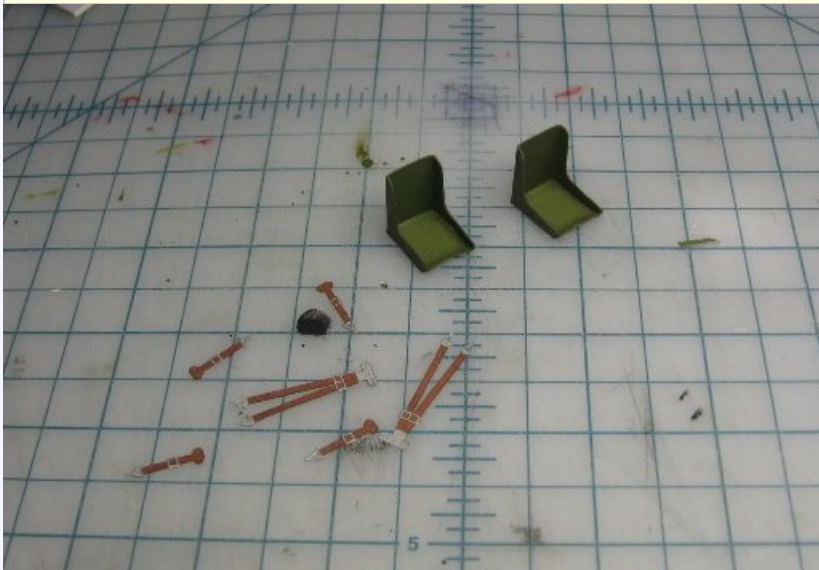
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

OK, another hit 'n run post.

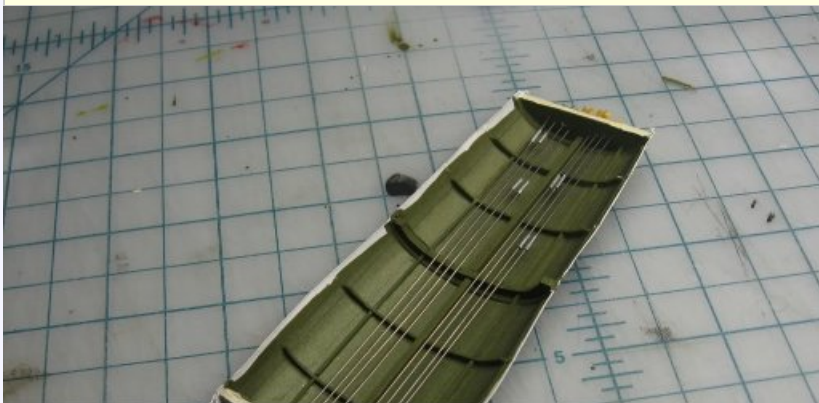
Wrapping up work on the aft end of the fuselage. Made the (boring) seats. Just need to add the harnesses and mount:

This image has been resized . Click this bar to view the full image. The original image is sized 1023x707.

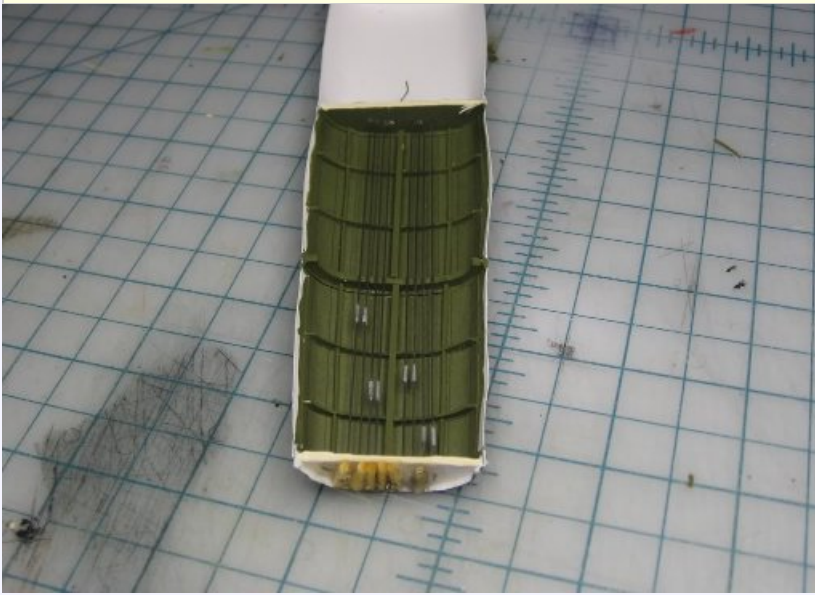


Also finished the roof in this area. Since the open hatch below will give a direct view to this area above, I spruced up the roof by running "control cables" using my favorite solder wire:

This image has been resized . Click this bar to view the full image. The original image is sized 1022x758.



This image has been resized . Click this bar to view the full image. The original image is sized 1024x733.



Don't know how Mitchell's are actually rigged, but this will at least add some visual interest in there. Soon I'll have to mold an astro dome and finish the front half of this top fuselage. But I'll do that later.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-14-2009, 09:50 PM

472 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Looks terrific, Mike. Extraordinary attention to detail.

Don



10-14-2009, 10:06 PM

473 (permalink)



Clashster
Member

Join Date: Jun 2007
Location: The Conch Republic
Posts: 1,005

Great idea - very nice work. Can't wait to see the view of your current work when the model is complete!

Chris

Currently have way too many hobbies



10-14-2009, 10:27 PM

474 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

Looks great! I think you got the cables pretty well. As far as I remember they were on the ceiling, not the sides.



10-15-2009, 02:46 AM

475 (permalink)

NYC Irishman

Member

Join Date: Jun 2009
Posts: 75

Fine work mike....well done

John John



Login to remove ads

10-15-2009, 07:20 AM

476 (permalink)



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Nice work as per the usual from you Mike 😊 I used lots of solder in my time building electronics, but who would have thought it could be used in so many ways especially a PAPER model - COOL 😊 Me think.... some may be used in my diorama 😊

Just checked back.... Mike - Have you checked your VIEWING FIGURE for this thread ? 🙄

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

Last edited by peter taft; 10-15-2009 at 07:41 AM. Reason: Realization of thread viewing figure



10-15-2009, 09:02 AM

477 (permalink)



flying rasta

Member

Join Date: Aug 2009
Posts: 109

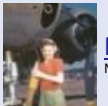
how are you going to take care of the warping edges of the aircraft skin when putting it back together?

to buy ...or not to buy ...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



10-15-2009, 09:11 AM

478 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **peter taft** 📄
Just checked back.... Mike - Have you checked your VIEWING FIGURE for this thread ? 🙄

Yeah, kinda hard to account for it. Seems excessive....😬

Quote:

Originally Posted by **flying rasta** 📄
how are you going to take care of the warping edges of the aircraft skin when putting it back together?

You haven't been paying attention grasshopper :

[Orlik PBJ-1H Mitchell](#) (post #445)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



10-15-2009, 12:19 PM

479 ([permalink](#))



flying rasta

Member

Join Date: Aug 2009
Posts: 109

aaah sooo.....zen master... wise one strikes again....will study harder for exam...
mike,...take your time with this masterpiece, it is truly something to behold...
ummmm.....anymore pics?
to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



10-15-2009, 03:10 PM

480 ([permalink](#))

Stev0

Member

Join Date: Jul 2007
Posts: 1,071

Well ORLIK just got some great advertising.



Login to remove ads



Page 48 of 84 << First < 38 46 47 **48** 49 50 58 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

BB code is **On**
 Smilies are **On**
 [IMG] code is **On**
 HTML code is **Off**
 Trackbacks are **On**
 Pingbacks are **On**
 Refbacks are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:45 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by vBSEO 3.3.2

PaperModelers.com > Card Models > Model Builds > Aviation

User Name Remember Me?

Password

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 49 of 84 [« First](#) [<](#) [39](#) [47](#) [48](#) **49** [50](#) [51](#) [59](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

10-15-2009, 06:22 PM

481 [\(permalink\)](#)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by [Stev0](#)
Well ORLIK just got some great advertising.

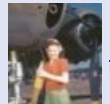
Too right mate - and what away to show what can REALLY be done... one way...The **BOMARC** way

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

[Quote](#)

10-15-2009, 09:16 PM

482 [\(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

One way or not Peter, it's the only way I know how....


Last little tid-bits then I can button up this fuselage for good. Thermo-formed (doesn't that sound high tech?) the astrodome tonight. After seeing Ron use that Sculpey stuff on his Albatross, I thought I would tried to make my mold plug from it. I bought "Super Scupley" and after I shaped a rough part and baked it in the oven, I turned it down with my electric drill:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x730.




Not that impressed. I may have kept it in the oven too long (or not enough, I'm not sure), but the consistency was not as hard as I would have liked. Still, I could polish it up fairly well (an important step if you want clear canopies) and it would serve its purpose.

Clamped it in a vice, and fashioned a holder for the plastic from mat board and bulldog clips:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x752.




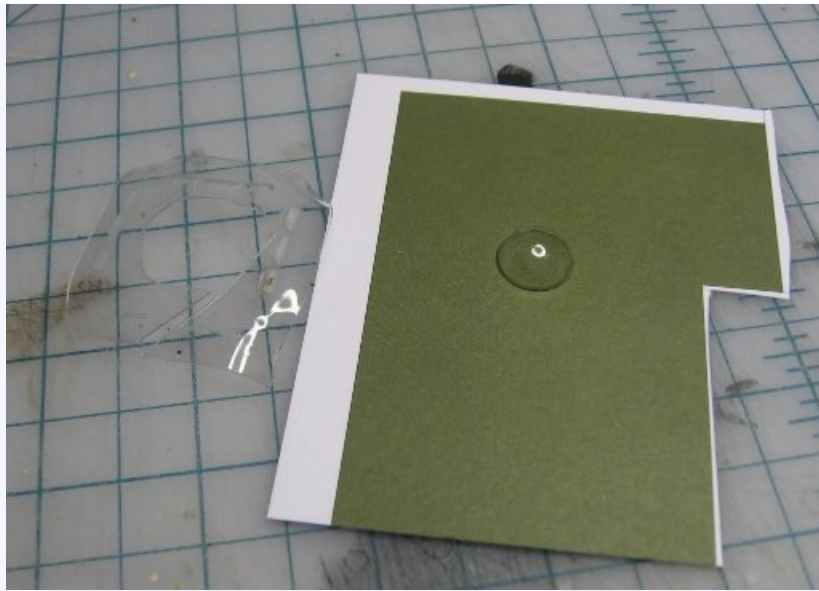
The plastic I used tonight was .020" thick "Vivak" which you can get at Micro-Mark ([link](#)), which I think is a trade name for ordinary PETG, the stuff that 2 liter coke bottles are made from. That stuff gives the clearest canopies, and I've had lots of success with it. Just heat it up on an electric burner until the plastic gets "floppy" (that's the best I can describe it), and plop it on the mold:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x776.




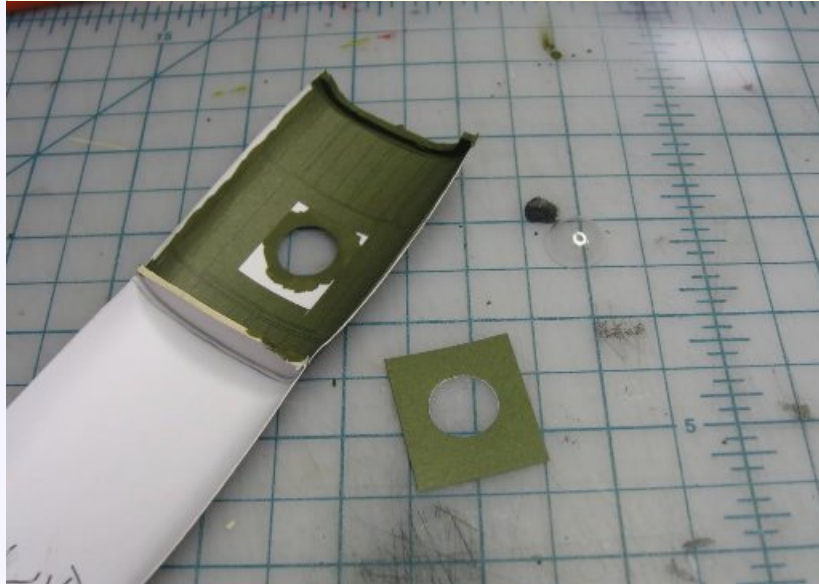
When it cools, you can cut it out with a scissors:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x731.




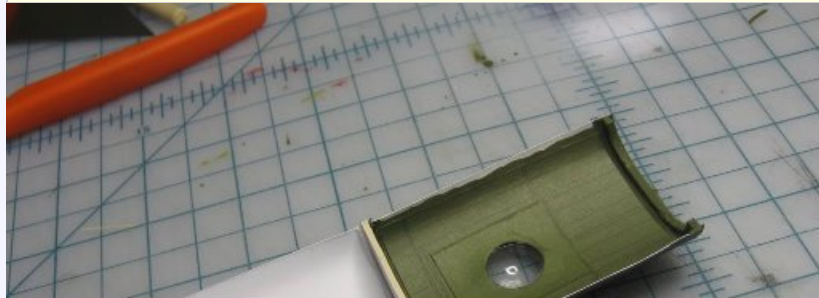
Typically, the hole in the liner part didn't line up with the hole in the outer shell of the fuselage, so I cut out that portion of the liner and made an oversized replacement "plate":

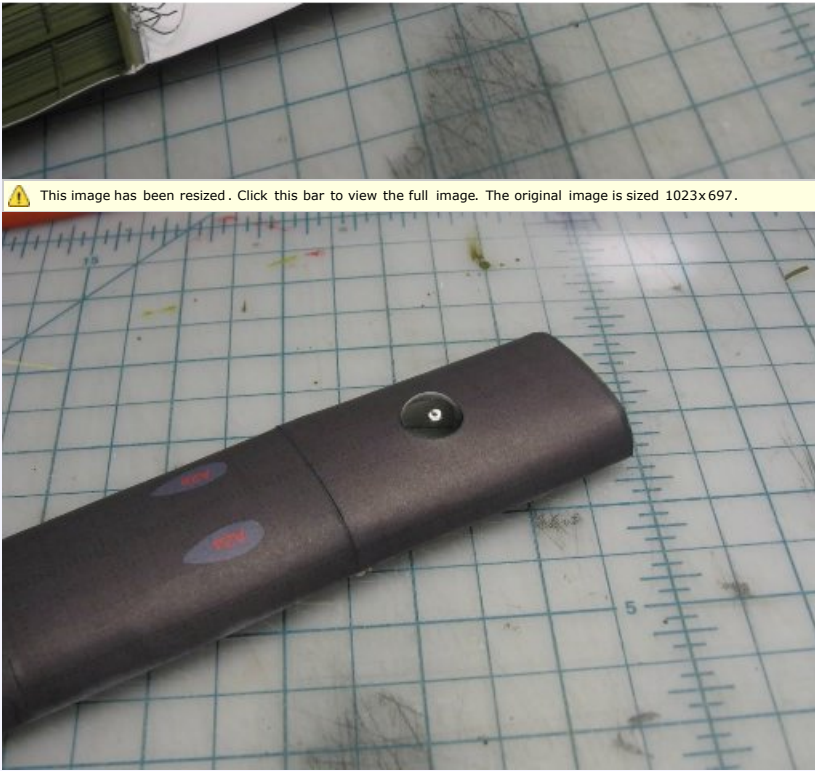
 This image has been resized . Click this bar to view the full image. The original image is sized 1023x727 .



The plate holds the bubble in nicely:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x745 .





This image has been resized . Click this bar to view the full image. The original image is sized 1023x697.

I didn't get the plate on very square, but you'll never see it, it's really there to secure the bubble in place. I will gladly made mistakes that can't be seen all day long.... 😊

I think tomorrow night is reattachment surgery night .

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-15-2009 at 09:41 PM.



10-15-2009, 09:28 PM

483 (permlink)



flying rasta
Member

Join Date: Aug 2009
Posts: 109

Mike this technique for building the dome...basically get a 2-litre plastic (soda) bottle..cut out piece..heat electric burner..let it soften...pull over mold created...

What other products can a mold be created from? ...I would love to try this on the 1:50 kits I am building...

Share advise please...

Secondly...ummm...I sorta accounted for at least 1200 hits in that viewership log...yeah...this build is that good...preping for tomorrow surgery..good luck..looking for the seamless attachment..sorta..

Great work mate!

Cheers.

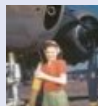
Rasta

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



10-16-2009, 06:41 AM

484 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Cover your eyes Dan (dansls1), I'm going to talk about molding canopies for a bit (he's expressed a dislike for molding canopies before 😊).

Pretty much anything can be used for a mold plug in the low-tech "heat 'n smash" method I used above. Wood's a popular choice. If you use wood, go with something with a tighter grain like bass wood (vice balsa). Give your mold a couple of coats of lacquer to seal the wood, then polish it shiny-like. I've also seen guys use plaster-of-paris for male molds, but the same rules apply, polish it up.

When vacuum-forming is involved, the popular method for mold making is to make your mold out of whatever material you want (balsa's OK in this instance), take that mold and make an RTV negative mold, then using *that*, cast a new plug in resin. The resin is harder and easier to smooth and polish, plus takes the stresses of the hot sheet of plastic being sucked down over it.

Did I mention you should polish your molds? I can't stress it enough, the smoother and shinier the mold, the clearer and defect free your canopies will be (that almost sounded like Yoda for a moment).

OK, Dan, you can look now....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-16-2009, 06:49 AM

485 (permalink)

**flying rasta**
MemberJoin Date: Aug 2009
Posts: 109

Me thinks I am gonna go molding experiments...making sure to polish surface of the "plug"....thanks tonnes mike!

Back to regular scheduled programming....err...build.

psst...still campaigning for the mosquito build next

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



Login to remove ads

10-16-2009, 07:01 AM

486 (permalink)

**Ron0909**
MemberJoin Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 350

Mike,
Sweet job on the dome! The polishing tip is certainly going to help with my p51 canopy. I had the same results with the sculpey. It was almost rubbery coming out of the oven. Like a cross between a dense foam and plastic. At first I had my doubts but it does harden up after a bit. When I was shaping the stuff, low speed on the dremel was the answer for me but my piece was definitely not round 😊

Looking forward to the fuselage re-unification!

Ron

Now Building Halinski's 1:25 Bergepanther

<http://www.papermodelers.com/forum/a...estions-2.html>

Last Build...Marek's Albatros CXII in 1:33



10-16-2009, 09:55 AM

487 (permalink)



Don Boose Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

This work is ever more outstanding.

Don

[Quote](#)

10-16-2009, 10:02 AM # 488 [permalink](#)


William (bill) Amos Member

Join Date: Sep 2009
Posts: 16

Guys..glad my sculpy thingie got you started..bake it a little longer to get some more hardness...be on the look out for discarded clear molded package containers if it has been shaped once it is good to use again..some of them have large flat areas..you can also make some good press molds for wheels etc bill amos

[Quote](#)

10-16-2009, 01:12 PM # 489 [permalink](#)



Bomarc Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Don Boose**
This work is ever more outstanding.

OK, now you're just making stuff up!

Bill, I only have to mold two more parts for this kit: the cockpit and tail gunner's canopies, and will use Sculpey again. What's your recommendation for bake time and temperature? These molds will be carved and sanded to shape (no rotary tool business).


Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>

[Quote](#)

10-16-2009, 01:24 PM # 490 [permalink](#)



OldTroll Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

My local Sculpey (and Fimo) expert recommends 20-25 minutes, no longer than that. She also does her larger pieces in layers of a 1/4-inch or so to insure hardening all the way through.

Ron S.

[Quote](#)

Login to remove ads

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

- You **may not** post new threads
- You **may not** post replies
- You **may not** post attachments

PaperModelers.com > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

Register [FAQ](#) [Community](#) [Calendar](#) [Today's Posts](#) [Search](#)

User Name Remember Me?
 Password

[Post Reply](#) Page 50 of 84 [« First](#) < [40](#) [48](#) [49](#) **50** [51](#) [52](#) [60](#) > [Last »](#)

10-16-2009, 07:01 PM # 491 [\(permalink\)](#)

 **peter taft**
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Very nice dome Mike, cant wait to see the canopy 😊 All coming along nicely my friend - Hope the TOP doesn't give you any grief, but even if it does, you will BOMARC it.... and hey presto she's on 😄

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

[Quote](#)


10-16-2009, 09:59 PM # 492 [\(permalink\)](#)

 **Bomarc**
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

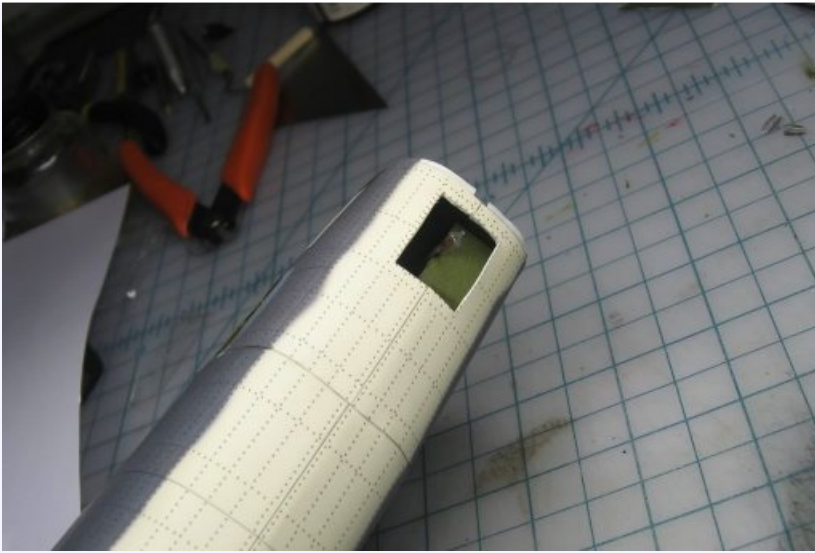
Thanks Peter, but it looks like the top reattachment has been pushed back as I had one of those "OH S**T" moments tonight....

So I put in those two seats, thinking "great, now I can button this up". Even attached the harnesses in the rear seat in an "animated" position:


 This image has been resized . Click this bar to view the full image. The original image is sized 1023x742.

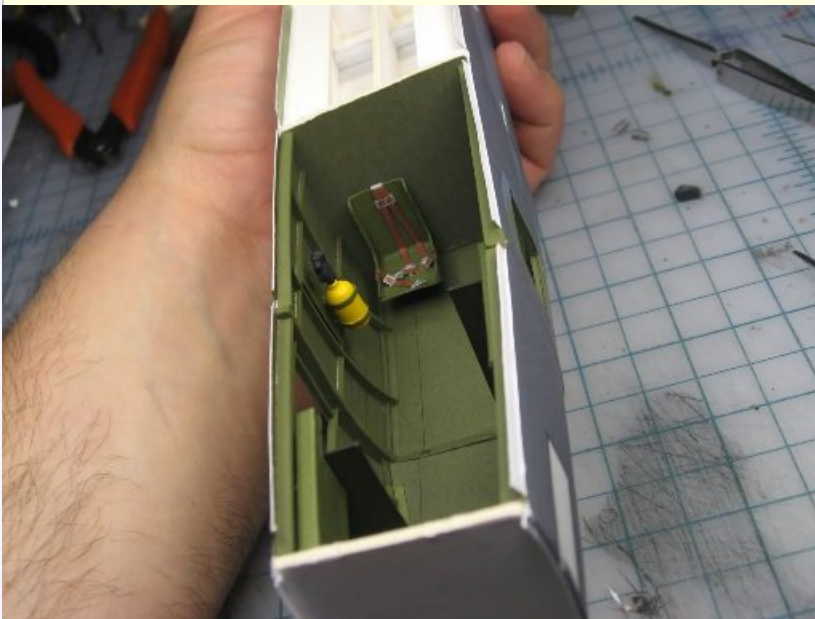


 This image has been resized . Click this bar to view the full image. The original image is sized 1024x686.




One hanging out the hatch! Didn't see that one coming did you? Anything to add a little interest in an otherwise drab interior. Now, how anyone gets up through that hatch with that seat where it is, well, ask Orlik, because I don't know. The front seat is pretty pedestrian:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x767 .

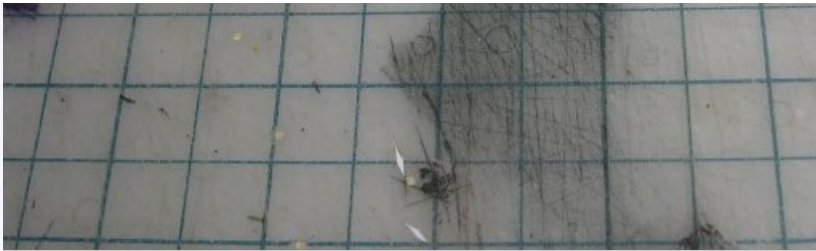


So I'm patting myself on the back ready to glue stuff back together, when I had the realization: I still needed to make the 75mm shells that go in the rack. ARRRRG! I could have easily ignore that, since I would still have (limited) access to that rack after the top went on, but discretion is the better part of valor, so I made ten, over a third of what Orlik gives in parts, but not nearly half.

The actual round is made using the petal method (I hate the petal method), and these were way too small to circumvent that with a dremel tool, so I made...wait for it....YES...a jig (this is what, my tenth one for this project? I don't know, I lost count):

 This image has been resized . Click this bar to view the full image. The original image is sized 1022x682 .






 This image has been resized . Click this bar to view the full image. The original image is sized 1023x622.




Made from brass rod. Actually it looked pretty good as the shell itself, but making ten of those would be cheating, this is a paper model after all (tongue firmly planted in cheek). Turns out this make shift, made at the last minute jig also made a good alignment tool when connecting the parts as well, a happy extra benefit:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x706.




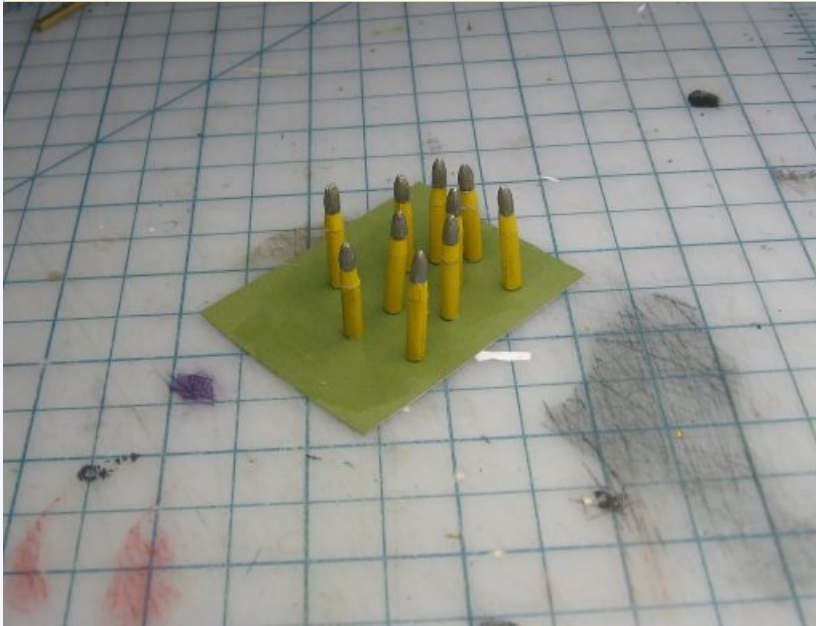
Finally after rolling, gluing, repeating, I ended up with a little armory:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x701.



Not my greatest work, but some touch-up paint and they will more than suffice:

 This image has been resized . Click this bar to view the full image. The original image is sized 1023x778.



I'll "load" these tonight.

Re-constructive surgery has been rescheduled for tomorrow morning....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



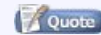
10-16-2009, 10:20 PM

493 (permalink)

**OldTroll**
MemberJoin Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

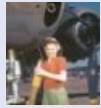
Could that have been a folding seat in the real thing? This build and thread continue to be one of the best ever. Your additional detailing, clever jigs and outstanding craftsmanship are a joy to behold. Onward and upward!!

Ron S.




10-16-2009, 10:36 PM

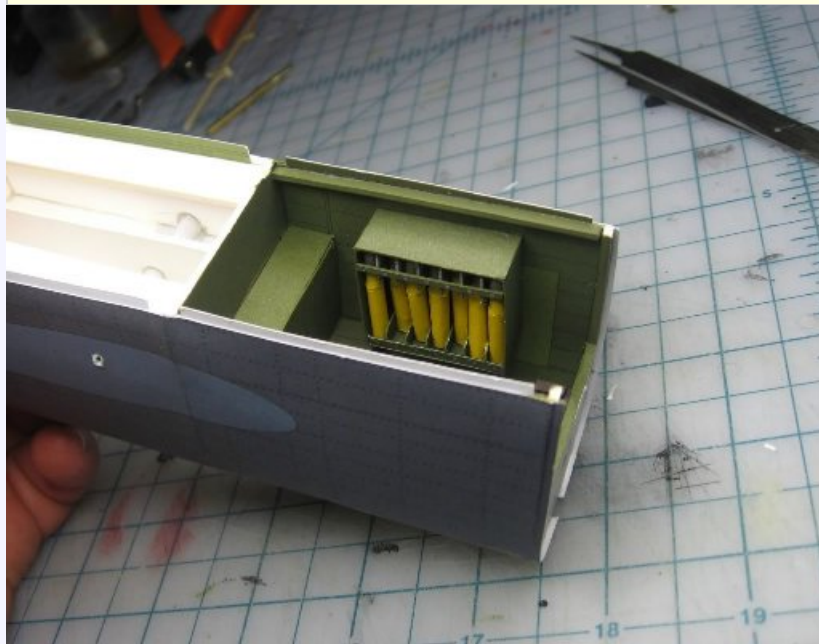
494 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks Ron. By the way, could you ask your Sculpey expert what temperature she bakes the stuff at? I've been using 275 degrees per the box instructions, but the "Home Improvemnet" guy in me wants to "crank it up" (more power, urgh urgh!!!).

As a follow-up, I've loaded the rack. No way I could have done that remotely from the front end had I put the top on first. As it is, I could get three in a row. Orlik's smoking something funny if they thought I could get all 26 they supplied in there:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x799.



Oh look!!! Our lovely North American Aviation employee has come to help out:



Sorry dear, I have all I need at the moment. Yes, I know it's heavy, you can put it down now.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.siq.ipbfree.com/index.php>

Last edited by Bomarc; 10-16-2009 at 11:13 PM.



10-16-2009, 10:36 PM

495 (permalink)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269


You're right Old Troll. It is a folding seat. The museum here has two B-25s. One I got the pictures from that is all cut up, and a "whole" one (not much of an interior, and no cockpit). But, it did have the seats in the back. The one by the hatch, as well as the one in the forward area, had folding seat bottoms. They were similar to a jump seat.



Login to remove ads

10-16-2009, 10:51 PM

496 (permalink)




Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

She cooks it at 250 for 20-25 minutes. Most of her work is related to 25-30mm miniatures so about the largest size she deals with would be roughly equivalent to a 1:33 canopy plug in volume. Some of her work can be seen at [Brushmistress Machinations](#), by the way...

Ron S.



10-16-2009, 10:58 PM



Member

497 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [OldTroll](#)
Some of her work can be seen at [Brushmistress Machinations](#), by the way...

OMG, those are terrific! Tell your "expert" she has a new fan. I love the Geisha the best....


Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-16-2009, 11:10 PM




Member

498 (permalink)

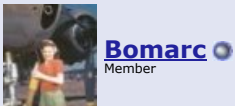
Join Date: Aug 2009
Posts: 109

Its the shells that got to me....wow....mike..take your time...you have a huge fan here...awesome, awesome build!

to buy ...or not to buy ...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



10-17-2009, 01:34 PM




Member

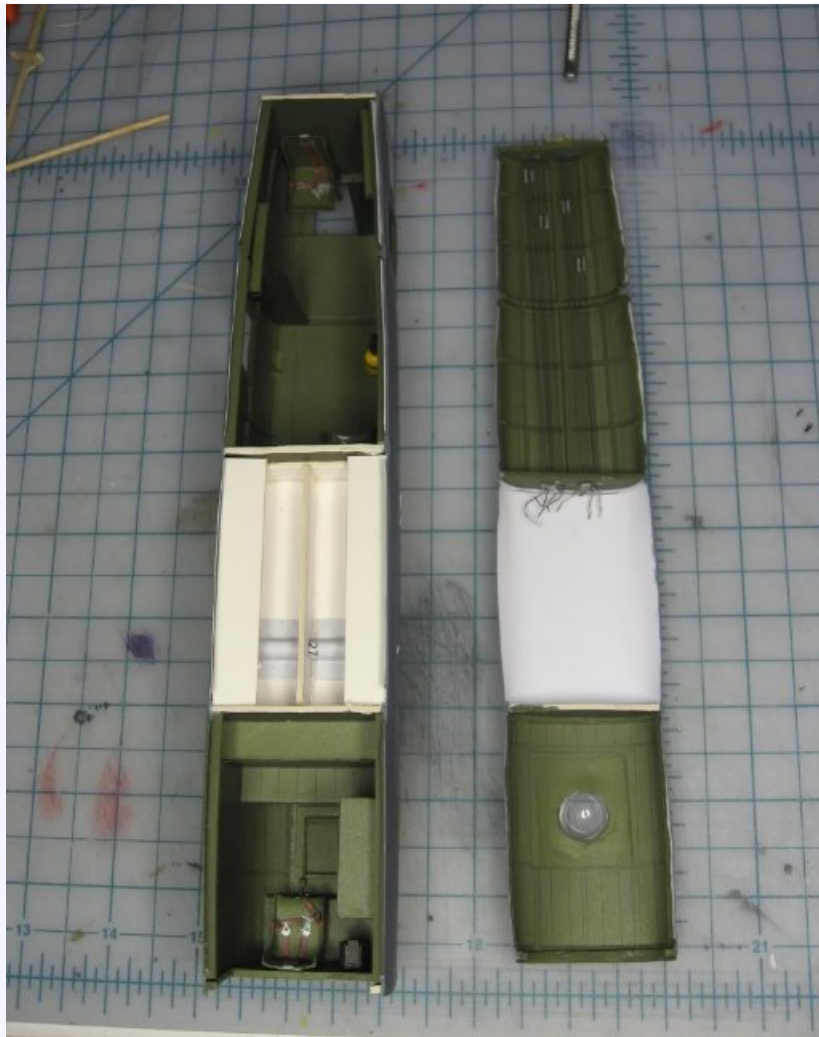
499 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


It took a couple of hours, but the reattachment is a qualified success, with only slight scarring to the patient.

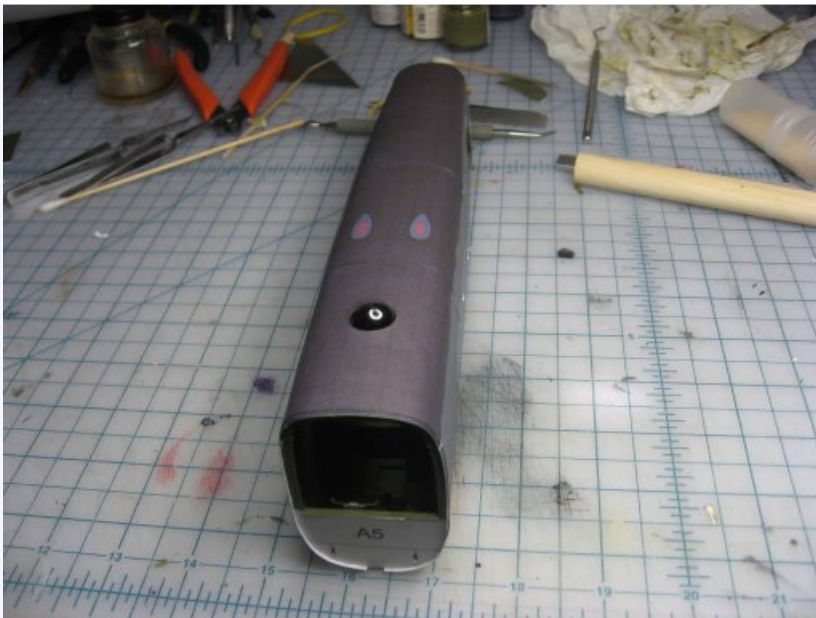
Last look before it gets covered up for good :


 This image has been resized . Click this bar to view the full image. The original image is sized 813x1024 .




Looks like its old self again:

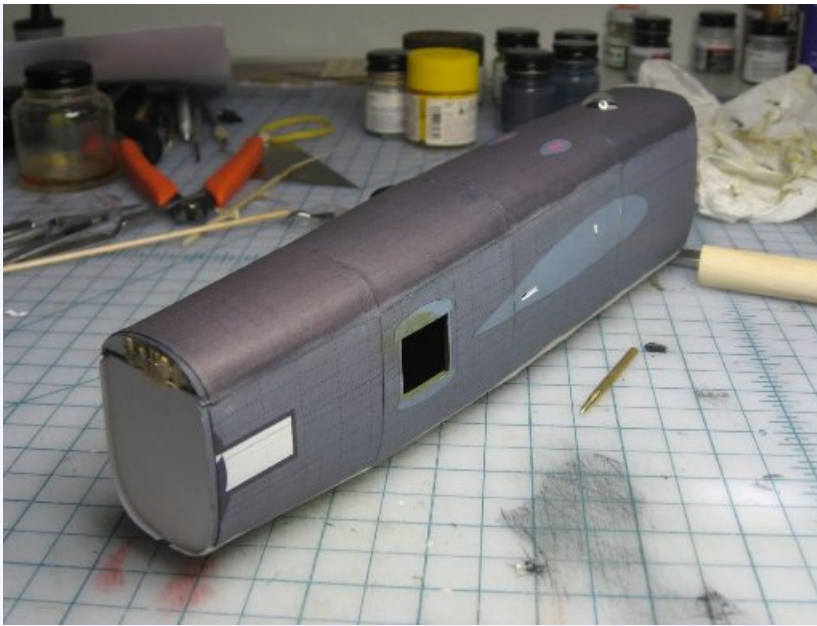
 This image has been resized . Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized . Click this bar to view the full image. The original image is sized 1023x710.




 This image has been resized . Click this bar to view the full image. The original image is sized 1023x775.



Seams are fairly consistent. I don't think they achieved "like it never happened" status, but close enough:

 This image has been resized . Click this bar to view the full image. The original image is sized 1024x754.



 This image has been resized . Click this bar to view the full image. The original image is sized 1023x722.



Done and done!

As Ron says, onward and upward!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51.sig.ipbfree.com/index.php>



10-17-2009, 02:00 PM

500 (permlink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Did you detect a huge SIGH of relief coming from all of the guys following this build Mike ? The shells - the top, freakin awesome - A stunning piece of work thus far, and yet again we wait in the wings {no pun intended} for the next performance - Take a huge bow sir as we applaud you, and listen for the cries of encore... you soooo deserve this 🙌

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Login to remove ads



Post Reply

Page 50 of 84 « First < 40 48 49 **50** 51 52 60 > Last »

« [Previous Thread](#) | [Next Thread](#) »

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

 « First < 41 49 50 **51** 52 53 61 > Last »


B-Manic
Nautica Moderator

Join Date: Jul 2007
 Location: Victoria, Vancouver Island, BC, CA
 Posts: 2,364

Looks like the operation was a success and the patient survived. Who woudda thought building models could be so stressful. Well done it looks really great.

The proceeds from sales at www.hobbyfactory.com support this forum!!

 Quote


Ron0909
Member

Join Date: Aug 2008
 Location: Ottawa, Ontario, Canada
 Posts: 350

I'm proud of ya Son! I'm happy that turned out so well Mike but who ever had any doubts? 😊

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
 Last Build...Marek's Albatros CXII in 1:33

 Quote


OldTroll
Member

Join Date: Jun 2007
 Location: Newport News, VA
 Posts: 1,967

Well - I still don't know what Orlik was thinking but it all turned out OK. You are a brave man, sir and I salute you! Bravo Zulu!

Ron S.

 Quote


flying rasta
Member

Join Date: Aug 2009
 Posts: 109

Hotel Sierra!

Never doubted! Took late in replying because of my clapping and showing off your work to family members....mike...let's roll!
 to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

 Quote



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

flying rasta, your very close. The phrase is *Sierra Hotel*.

Ray

Don't squat with yer spurs on.....It's gonna hurt



John Bowden
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

Tex..... I think it meant H*ly Sh*t! 🤔

www.dgapapermodels.com

[My Drawings](#)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

I'll give ya that one John....Could be...just never heard it put that way. So I'll give it a SIERRA HOTEL!

Ray

Don't squat with yer spurs on.....It's gonna hurt



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

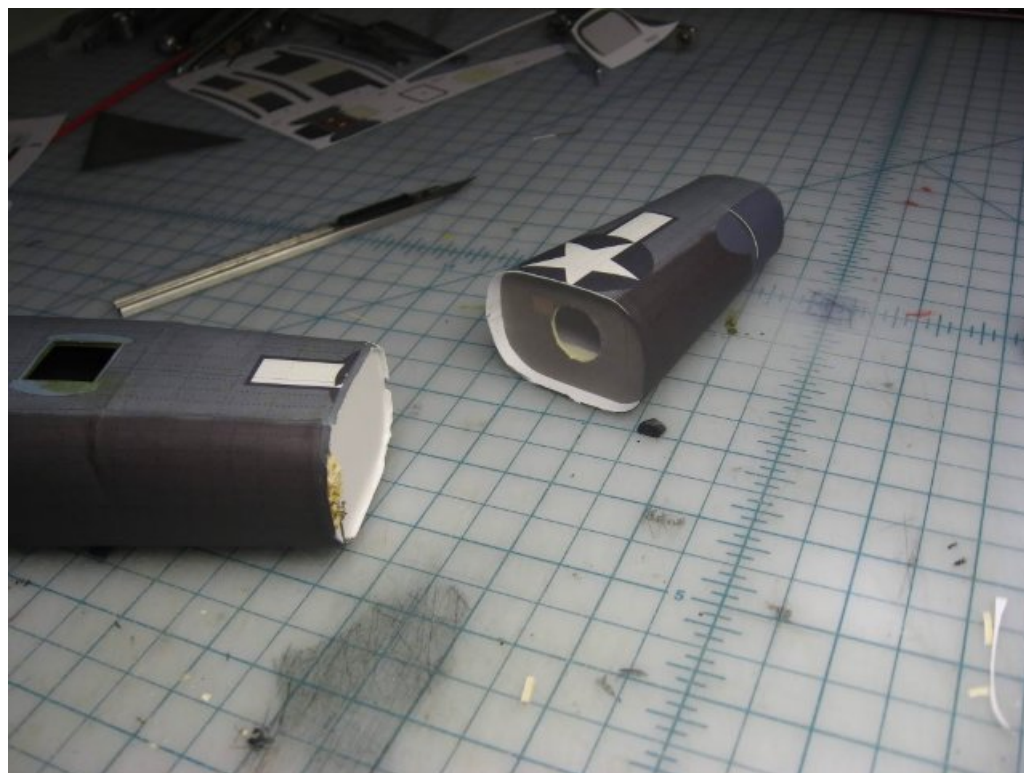
This thing's getting longer....

Thanks for the support gentlemen, your camaraderie makes this journey all the more fun.


Now that all the silliness of fuselage slicing is behind me, I can actually enjoy some mundane, typical paper modeling for a change. The next fuselage section required the use of one last dummy former, this one will be permanently mounted:

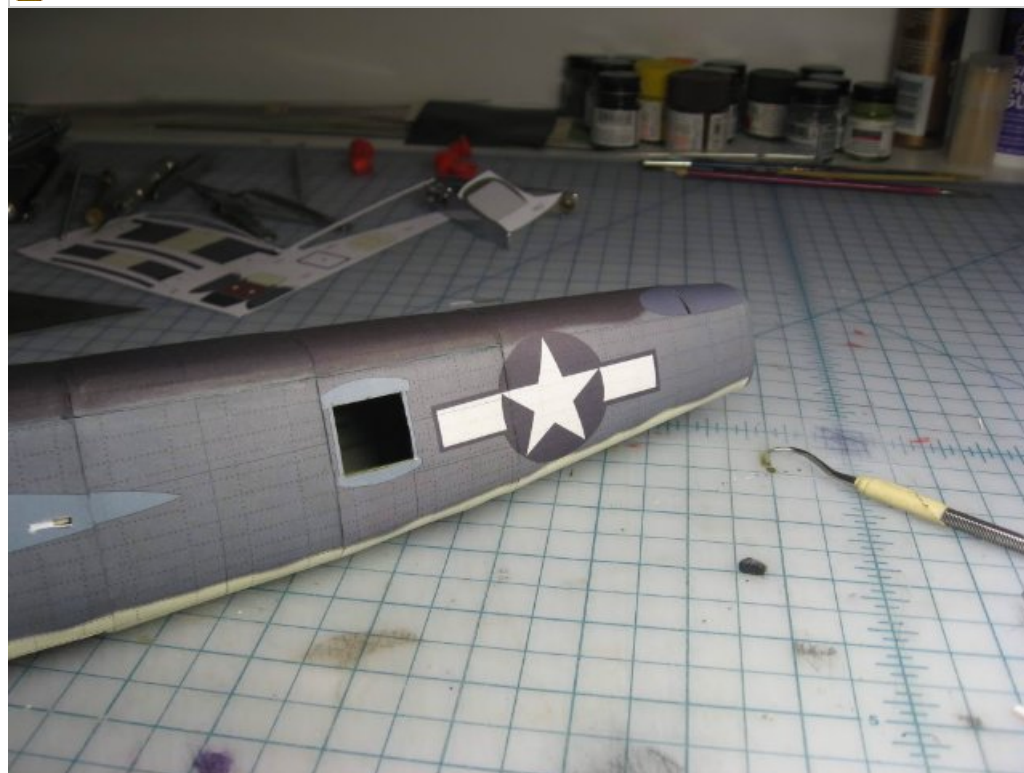



This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

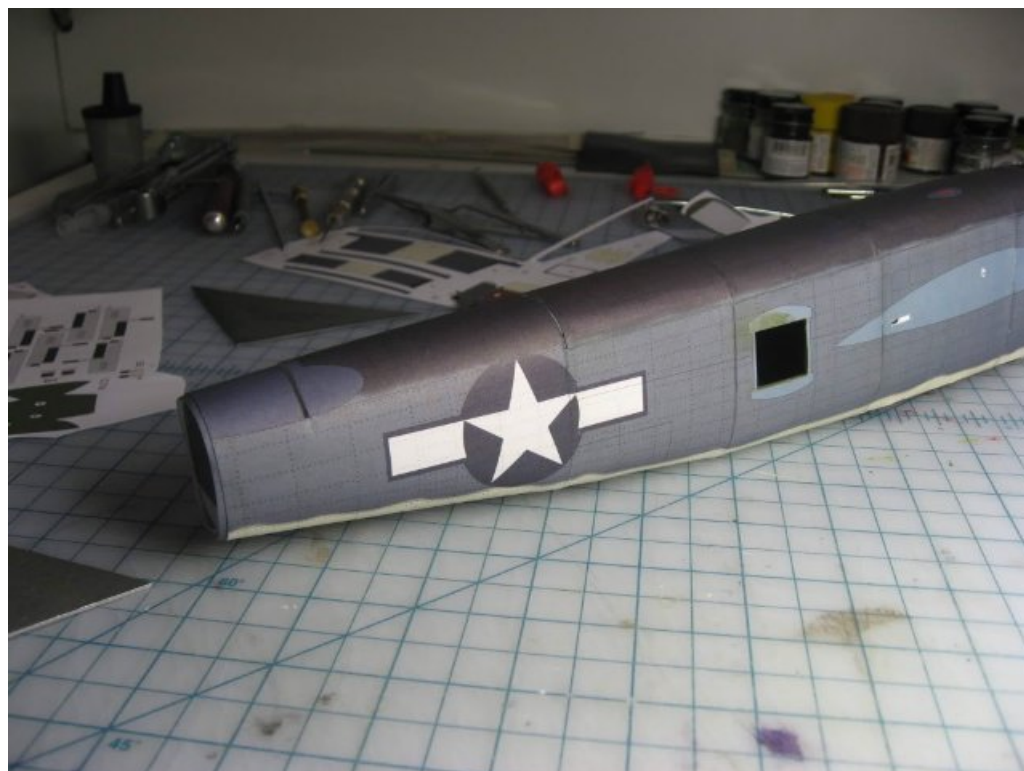


Thankfully, the insignias lined up on both sides:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Stabilizer and fins next. Nice and basic.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



birder
Member

Join Date: Jul 2007
Location : Liberty lake, wa
Posts: 1,978

Bomarc, you threw me off with that fuse cutting, but I see you had a plan 😊 Thanks for all the cool tips all along really enjoying this one

Glen



flying rasta
Member

Join Date: Aug 2009
Posts: 109

Guys...I just love this thread...yes made a deliberate mistake (yeah....riiiight).

Glad to see the fuse coming along...awesome!...that there sum fiine build'n !...

Ummm....when do we start landing gear?...

Haven't I been patient enough?...

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



« First < 41 49 50 **51** 52 53 61 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 **Post Reply**

« First < 2 42 50 51 **52** 53 54 62 > Last » ▾



William (bill) Amos

Member

Join Date: Sep 2009
 Posts: 16

More from the sculpy guy..i used to do jewelry work with the polymer clay so i learned from many screw ups (sometimes known as experimentation) 275 degrees for 30 min..longer times will increase the hardness a smidgen...higher temp starts blistering and pinholes..if you need to use it for press molds sprinkle and brush the master with talc. To make for cleaner parting ill bet you could figure out those ammo shell noses..bill amos

 **Quote**



Stev0

Member

Join Date: Jul 2007
 Posts: 1,071

Awwww ... isn't there ANY way you can have the inner details show???

How horrible that you have to hide it. Like making a highly detailed engine and then covering it up with an engine cowling.

 **Quote**





Bomarc

Member

Join Date: Jul 2007
 Location : Burke, Virginia
 Posts: 506


Quote:

Originally Posted by **Stev0** 
How horrible that you have to hide it. Like making a highly detailed engine and then covering it up with an engine cowling.

I know, right?! What moron would do something like that? I mean, you go through all the trouble to make.....hey, wait a minute.....!!! 


Thanks, Bill! Helpful advice. I'm going to give that stuff another go here pretty soon.

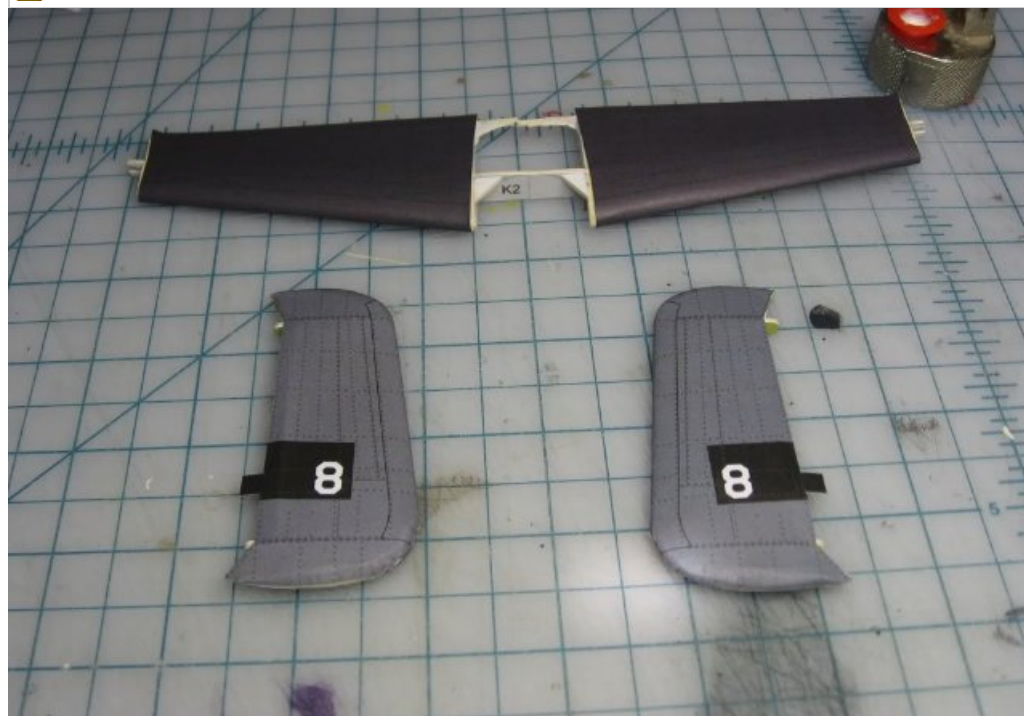
Ah, the joys of basic paper modeling. Youse makes yer formers:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x662.




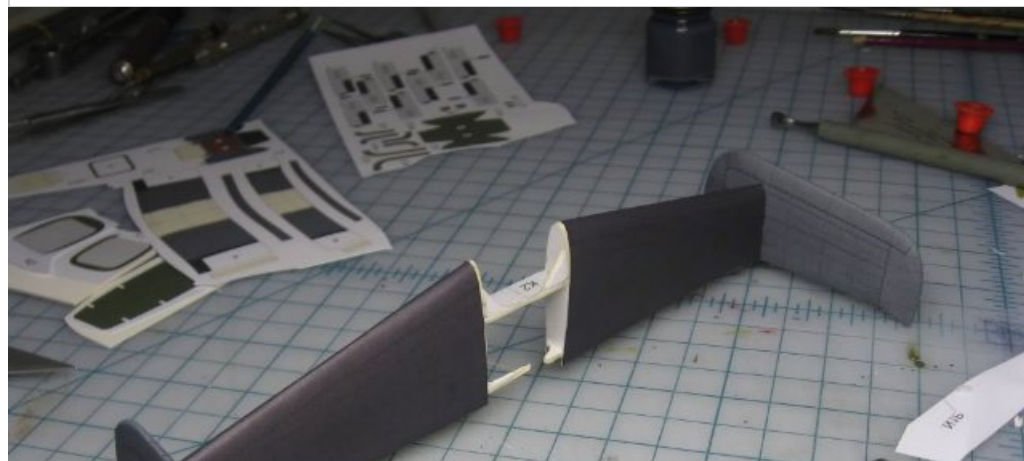
Then youse cover `em up:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x710.




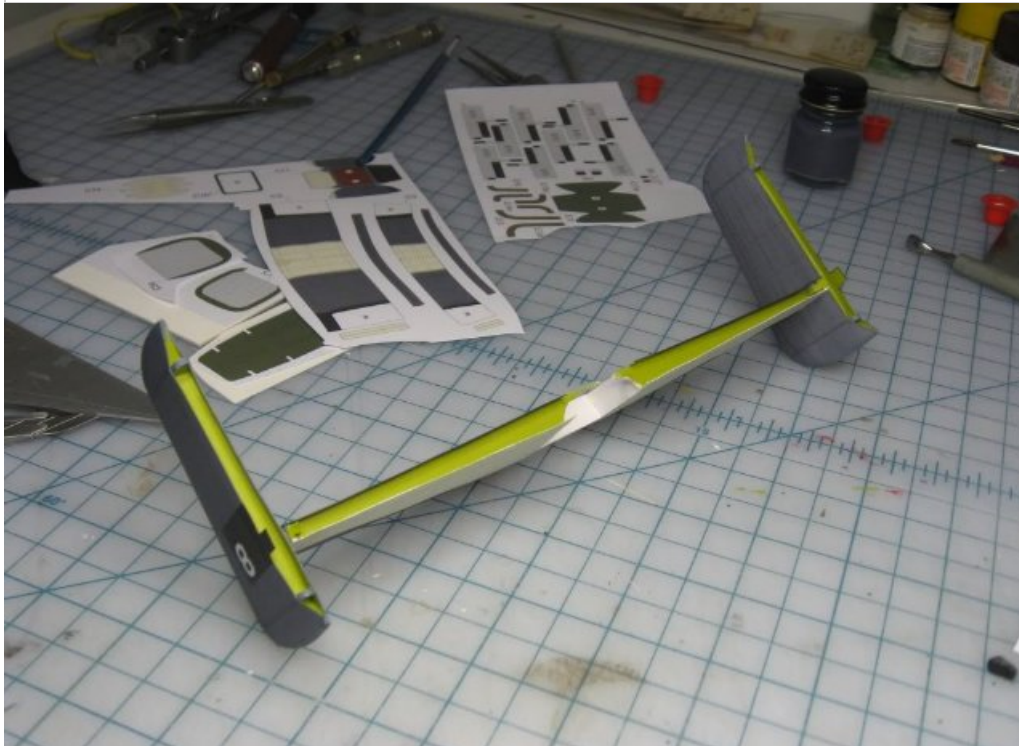
Doesn't get any better than that! Orlik's firing on all cylinders with the tail feathers of this kit. Everything goes together pretty smooth (knock on wood). Just some touch-up paint around the edges, glue it all together, and it's good to go:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x775.






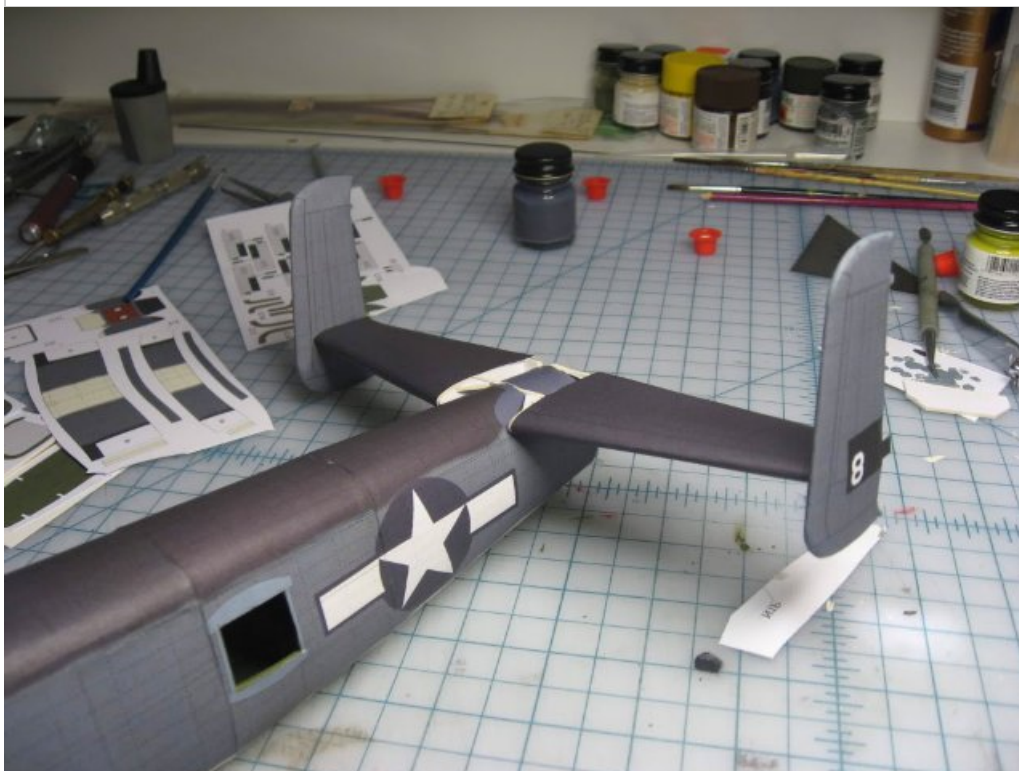
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x747.




I was going to make yet *another* alignment jig, but both fins just sorta "snapped" into place (way to go Orlik!). Incidentally, I'm jettisoning the idea of movable control surfaces. Just too much work for too little payoff.

But, it's starting to look like something :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



Really starting to look like something :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I think I'm starting to get excited about this project....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Foxbat
Member

Join Date: Jun 2009
Location: Sofia, Bulgaria
Posts: 185

WOW! NICE! The Mitchell is taking shape! 🇵🇷

www.papermodels-bg.com



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Well, at least now we can definitely say it's neither a Mustang nor a Corsair. One starts to get an appreciation of the size of the model now. You have built well, Grasshopper, but the completion of a Mitchell is more than a few cylinders and a mile of wiring...there is still the 1:33 scale WORKING cannon to be completed!

Ron S.

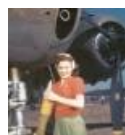


flying rasta
Member

Join Date: Aug 2009
Posts: 109

Its ALIVE!!!....ITS ALIVE!!!!....bwahahahahahh !...looking good my man!

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

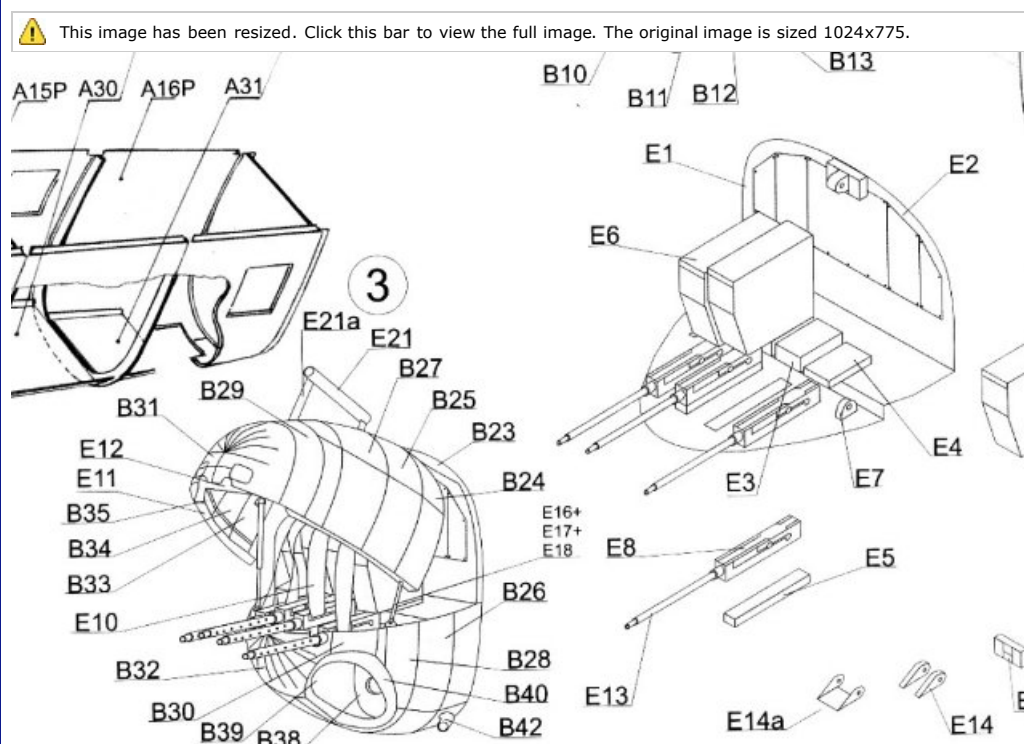
Originally Posted by **OldTroll**
...there is still the 1:33 scale **WORKING** cannon to be completed!

Well, here's a riddle for you oh mighty Troll:

??? What paper model company produces a model of a cannon armed aircraft, goes to the trouble to include the rear breech of said cannon even though one would be hard pressed to see it once installed, but forgets to add the oh-so-visible muzzle in the nose? ???

Give up?

See for yourself:



MG's galore, but no barrel poking out the lower hole. I looked everywhere on the parts sheets thinking there was another disconnect between them and the instructions, but nope. So, as long as I have to make a barrel anyway, a working 1/33rd scale should be no-problem. Rifling will be a bee-otch though. I wonder if Sculpey can take the pressures of a shell going off

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



smyfe

Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 229

Mike, the way you are going with this museum piece, no one would be surprised to see the cannon bore rifled 🙄🙄🙄
 Best wishes
 Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS



OldTroll
 Member

Join Date: Jun 2007
 Location: Newport News, VA
 Posts: 1,967

I knew as soon as I mentioned the cannon the whining would start. If you study your B-25/PBJ tech manual closely (Section Echo, Paragraph 4.5.6a "pre-flight preparation",) you will see that after each flight involving the cannon being fired the opening for the cannon was resealed with the aerodynamic fairing designed to reduce turbulence. The first round fired opened it back up. Orlik obviously intended this model to represent a PBJ that has been readied for flight and has the cannon opening sealed up, hence no need for a visible muzzle (tap-tappity-tap-tap razzle-dazzle 'em.)

Ron S.



Bomarc
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Of course! It all makes sense now!

Excuse me while I set about designing a firing pin.

Mike

P.S. Thanks Mick, appreciate the kind words, but as you can see, just including rifling will not suffice when trolls are involved.



"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 2 42 50 51 **52** 53 54 62 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:48 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

Post Reply

« First < 3 43 51 52 **53** 54 55 63 > Last »



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Remember - the gunpowder granules have to be 1:33 scale also!

Ron S.

Quote



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

You know, Mike. Simply print diagonal lines on a sheet, roll it with the lines inside, slip inside an outer barrel as the lining, and you've got rifling. No idea what the twist is though.

Yogi

Quote



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



More GORGEOUS by each and every post from our Mike - she really is taking shape, and the fit of the parts like you say Mike is brilliant. Once again my day is made a whole lot better for paying you a visit sir 😊 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

Quote



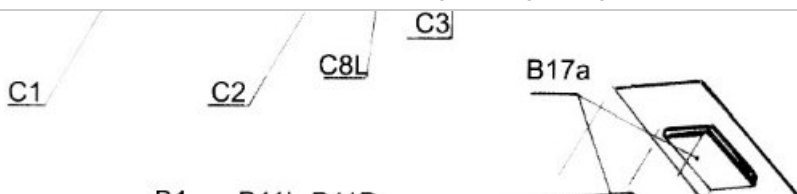
Bomarc
Member

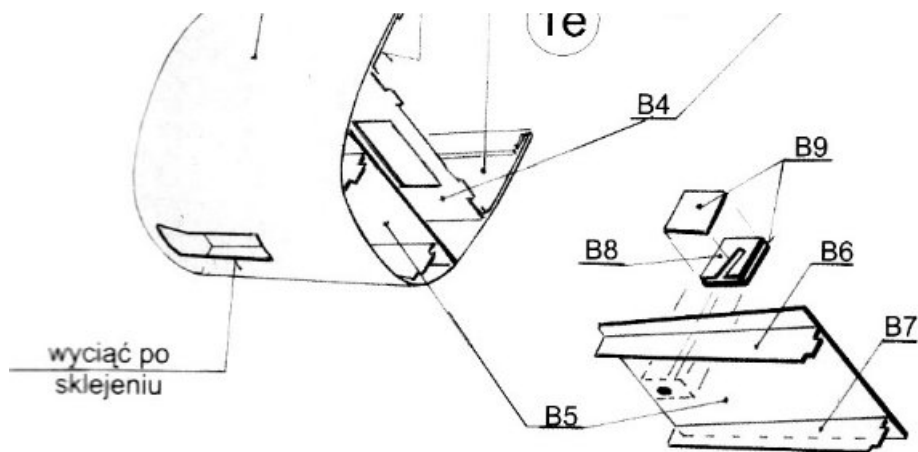
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Time for an update!

Decided that between working on the front or back of the fuselage next, and the front won out due to complexity. I have to say, that of all the parts mis-identifications and instruction flubs of this kit, the cockpit area wins hands down. Parts are labeled in the instruction that don't exist in the parts sheets and vice-versa. Here one of many examples:

This image has been resized. Click this bar to view the full image. The original image is sized 904x736.






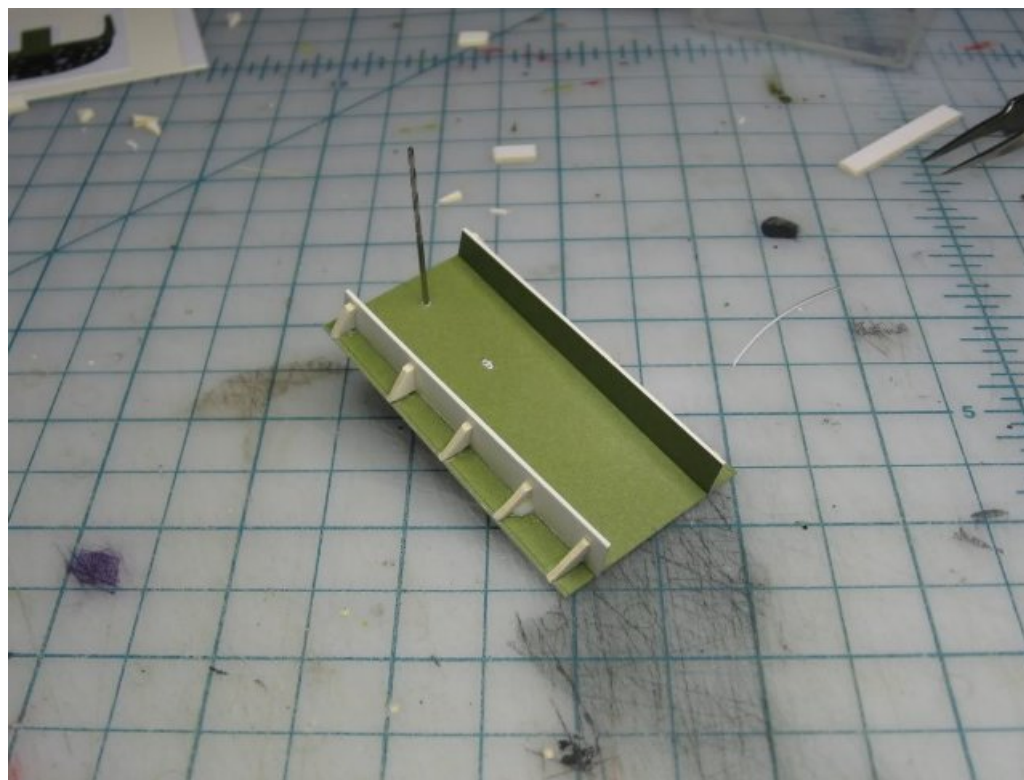
 This image has been resized. Click this bar to view the full image. The original image is sized 781x469.




Just add ten to all the parts I guess. It's clear that Orlik has adapted their B-25J kit to make this one, and cut some corners (and maybe was a little sloppy too). But I think there's enough to make sense of it all. One thing I saw right away, this area is a little skimpy in terms of structure and alignment cues. Also, this model will be pretty tail heavy, so I'm taking advantage of the space between the nose gear well and flight deck, to add the counter weight.

I realize the following is way over engineered, but with all the weight in there, I wanted this structure to be rigid and not fall of. First things first, attaching the nose gear mount:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x775.

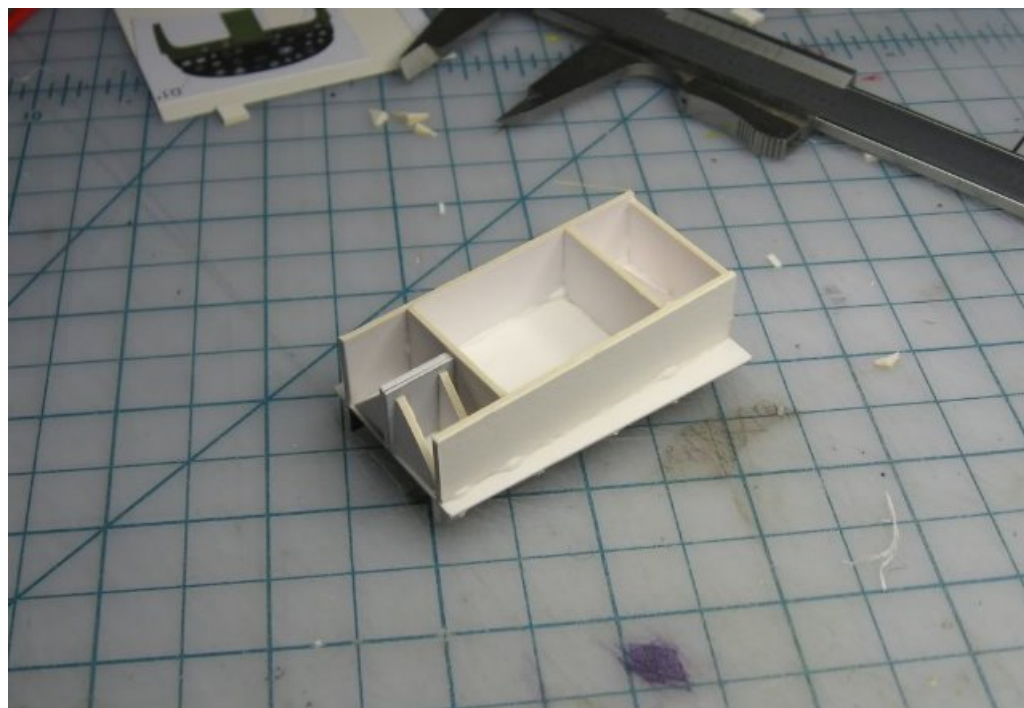


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721.




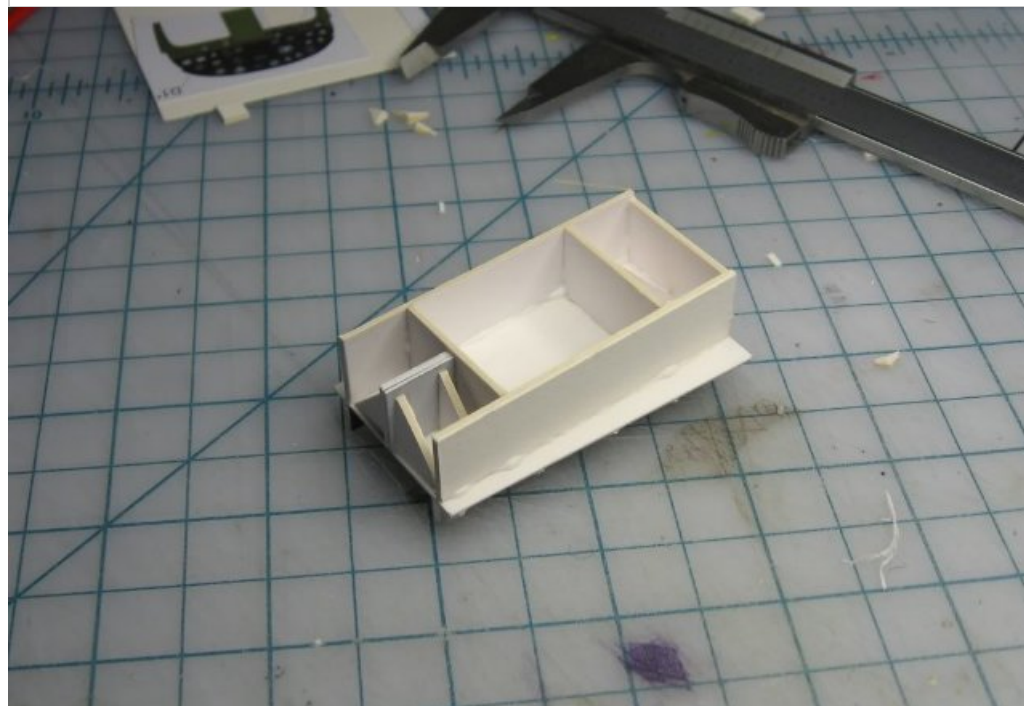
I added mat board bracing to keep the nose gear from wobbling side to side later (the drill bit is strictly an alignment tool).
Next, made my box for the weights:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702.




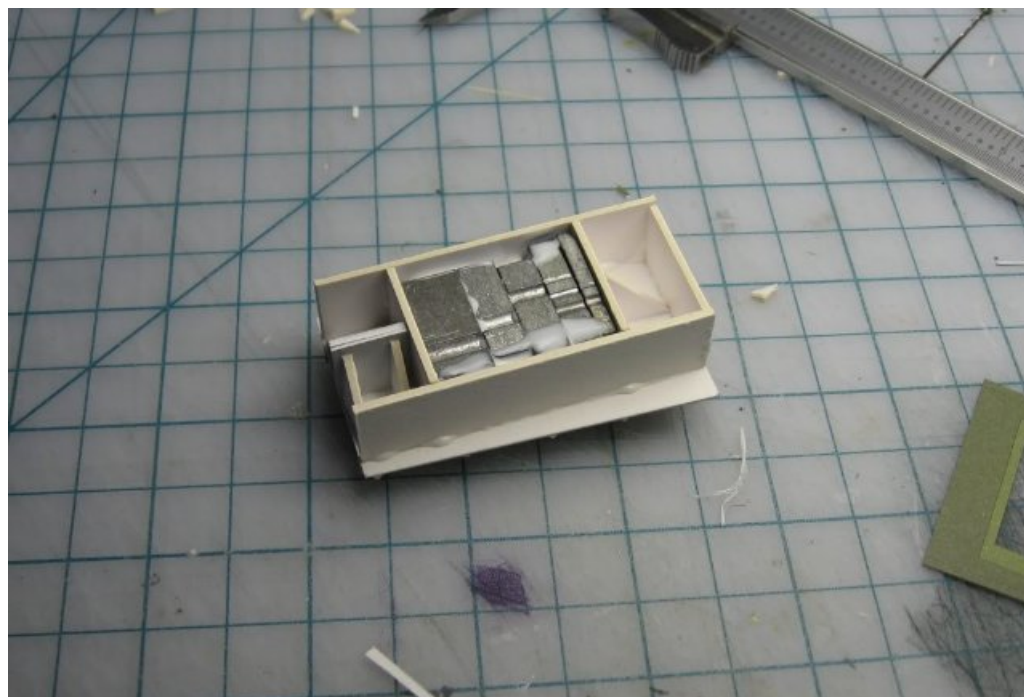
The heights of the walls are the required dimension between the well roof and flight deck:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702.




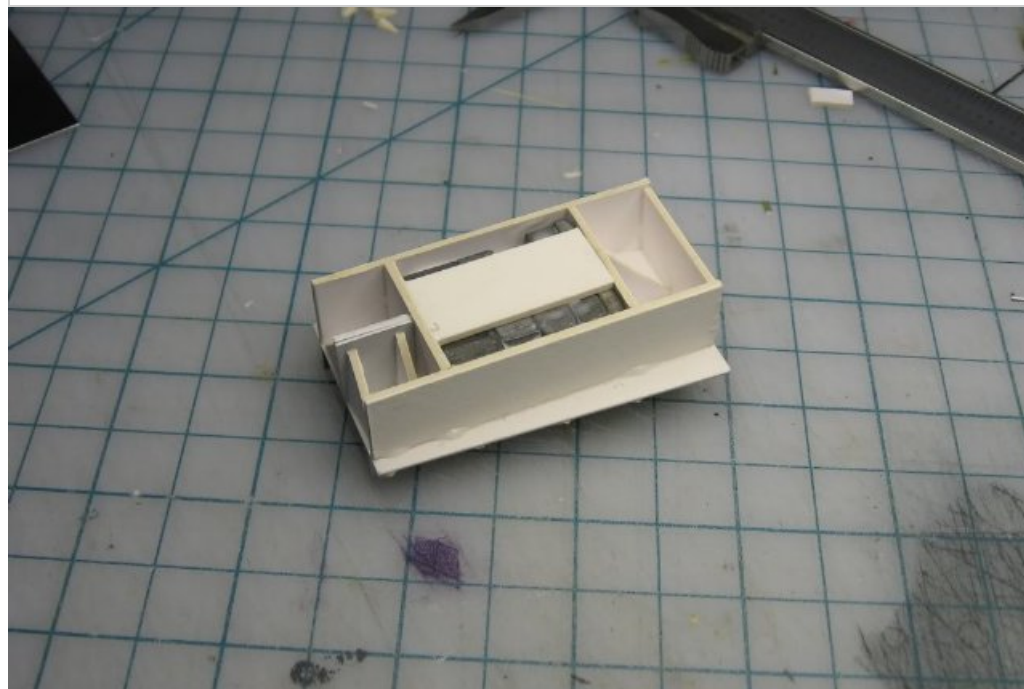
Packed in my weights:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x693.

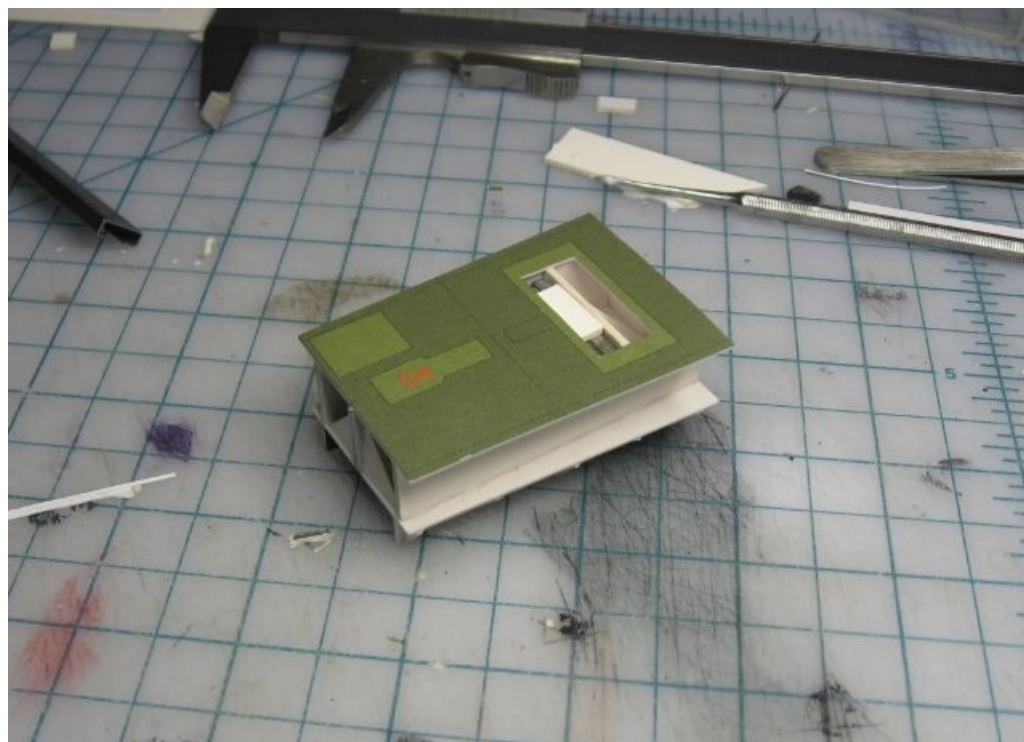


The weights are discarded type set I rescued from a defunct printing company many, many years ago, along with "blanks" used to cast new ones. Really handy for this kind of thing. Added a piece of mat board to keep things snug, and glued on the flight deck:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x684.

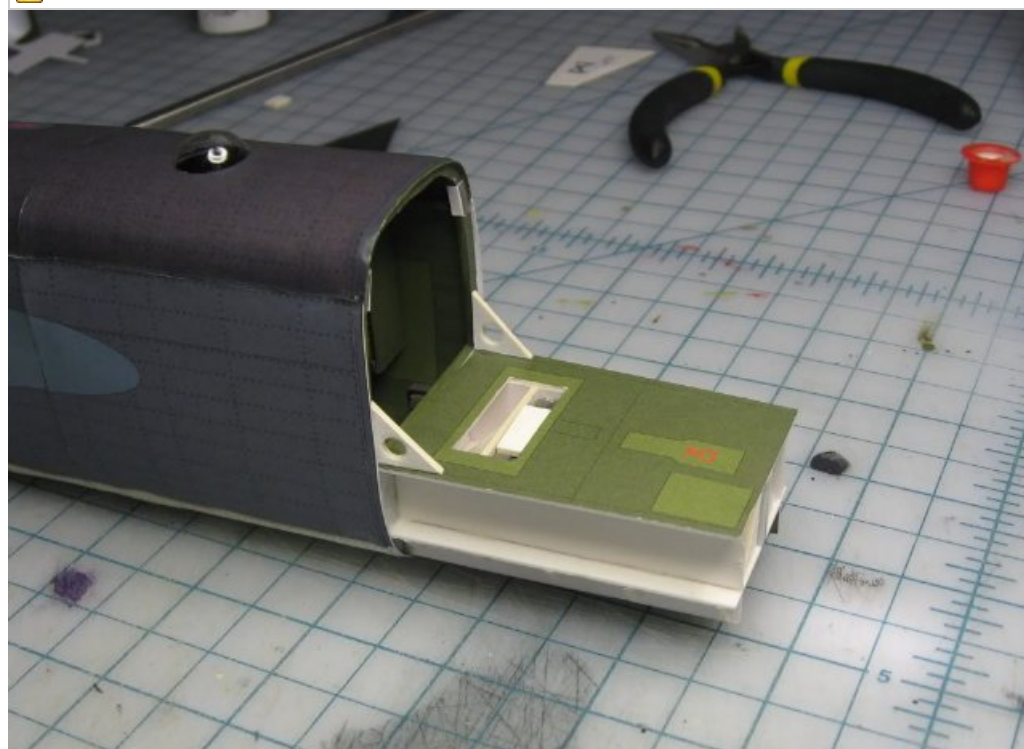



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x739.

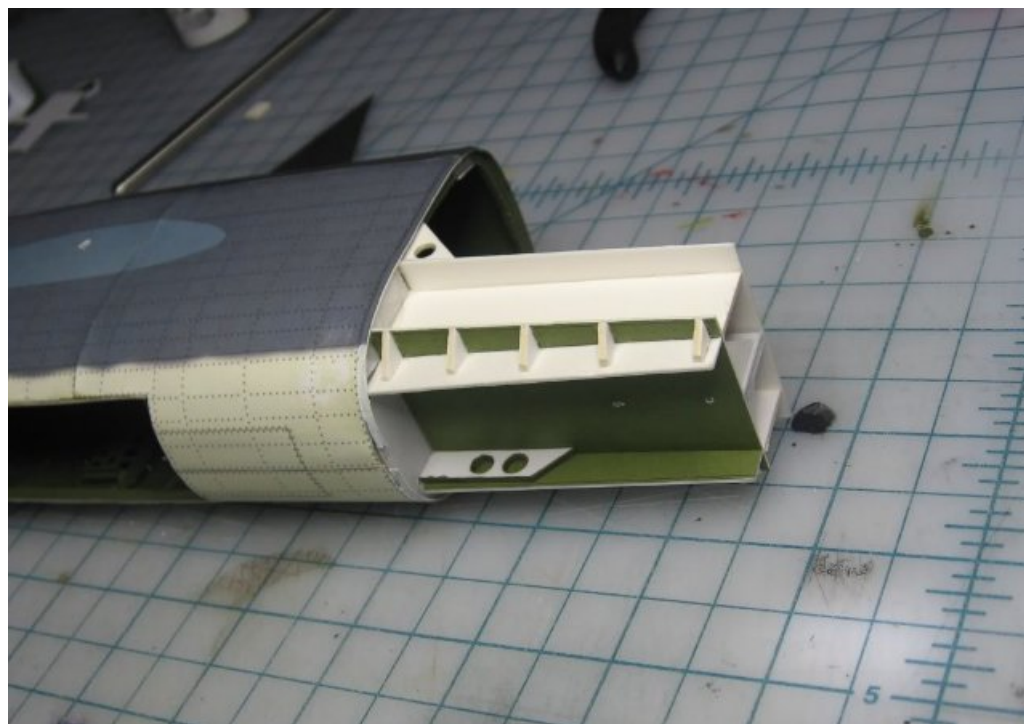


From the instructions above, you can see Orlik provided some wimpy tabs to connect this assembly to the front of the fuselage. For-gegga-bout-it:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x718.




Beefed it up with some more mat board. These parts can be seen, so for some visual interest, added lightening holes. Also, if you note, I've added some reinforcement to the upper part of the fuselage former where I made the infamous cut along the top. It was a little weak there and I didn't want all this weight pulling and deforming it.

Did a quick reality check on some wooden dowels to see if it was enough weight:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x660.



I stacked all the remaining parts to go on the tail end (rudders, elevators, mat board cores, tail gunner stuff, etc.). The ailerons and flaps are close to the fulcrum so I didn't factor those in, and since the engines are roughly the same distance from the other side of the fulcrum, I figured they would even things out. Once satisfied, I painted up the exposed parts and added the forward fuselage skin:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x708.



Like I said, way over-engineered , but I hate it when models with a tricycle landing gear can't sit on all three wheels.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

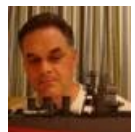


peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Hi Mike. You say "over engineered" but certainly "well engineered" she will certainly sit pretty now that's for sure 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



redhorse
Member

Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,705

I'm pretty impressed too. I really like the type weights, I wish I could find something like that.

Jim



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Hmmm...cockpit conversation during takeoff...???

Copilot - "Captain, I'm pulling back on the stick as hard as I can but the nose won't come up! What should I do?? The end of the runway is coming up fast!!!"

Pilot - "Curse you and your over-engineered nose, Bomarc! Cut the throttles, hit the brakes and get the flight engineer to dump that G**d***** type face from the wheel well! Damned paper engineers!"

Ron S.



Don Boose

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Leaving aside David Irving conspiracy theories, I think that was one of the theories about how General Sikorski died, except it was mailbags in the nose of the Liberator. However, I think most concluded that it was jammed controls due to poor maintenance (something that would never happen to an aircraft built and maintained by Bomarc).

Don

Don



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Quote:

Originally Posted by **OldTroll**

Hmmmm...cockpit conversation during takeoff...???

Copilot - "Captain, I'm pulling back on the stick as hard as I can but the nose won't come up! What should I do?? The end of the runway is coming up fast!!!"

*Pilot - "Curse you and your over-engineered nose, Bomarc! Cut the throttles, hit the brakes and get the flight engineer to dump that G**d***** type face from the wheel well! Damned paper engineers!"*

Now this really did have me off my seat... Thanks for that

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **OldTroll**

"Curse you and your over-engineered nose, Bomarc!....."

Heh, heh.....

Overheard at the Paper Modelers Convention this Saturday: *"I dunno....the guy said it was made out of paper, but the minute he set it down the whole table collapsed!!"*

Mike

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



« First < 3 43 51 52 **53** 54 55 63 > Last »

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply


« First < 4 44 52 53 **54** 55 56 64 > Last » ▾



GreMir 
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226

Quote:

Originally Posted by **Bomarc** 
Heh, heh.....

Overheard at the Paper Modelers Convention this Saturday: "I dunno....the guy said it was made out of paper, but the minute he set it down the whole table collapsed!!"

Mike

Ok, mystery solved!

Seismographs all over the world registered medium size very unusual earthquake - two distinctive spikes and no aftershocks. It had to be table collapsing and the model rolling off of it 🤖

Great job Mike.

I don't say much, but I check in regularly to see the progress.

Michael Krol

www.gremirmodels.com

 Quote



flying rasta 
Member

Join Date: Aug 2009
Posts: 109

please people...i am trying to keep a straight face here at the office...people hearing me snicker and laughing isnt too good right now 😊

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??

 Quote

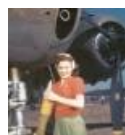


Don Boose 
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Now I understand the fifth line in the little-known verse of "I wanted Wings":

I wanted wings 'til I got the goddam things
 Now I don't want them anymore
 They taught me how to fly, then they sent me off to die
 I've had a belly full of war.
 We get sent out every day in nose-heavy PBJs
 On what they always call the old Milk Run,
 We're never really keen, takin' off from Kwajalein
 And the flak over Wotje isn't fun.
 Those Distinguished Flying Crosses
 Never compensate for losses, Buster
 I wanted wings 'til I got the goddam things
 Now I don't want them anymore.



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

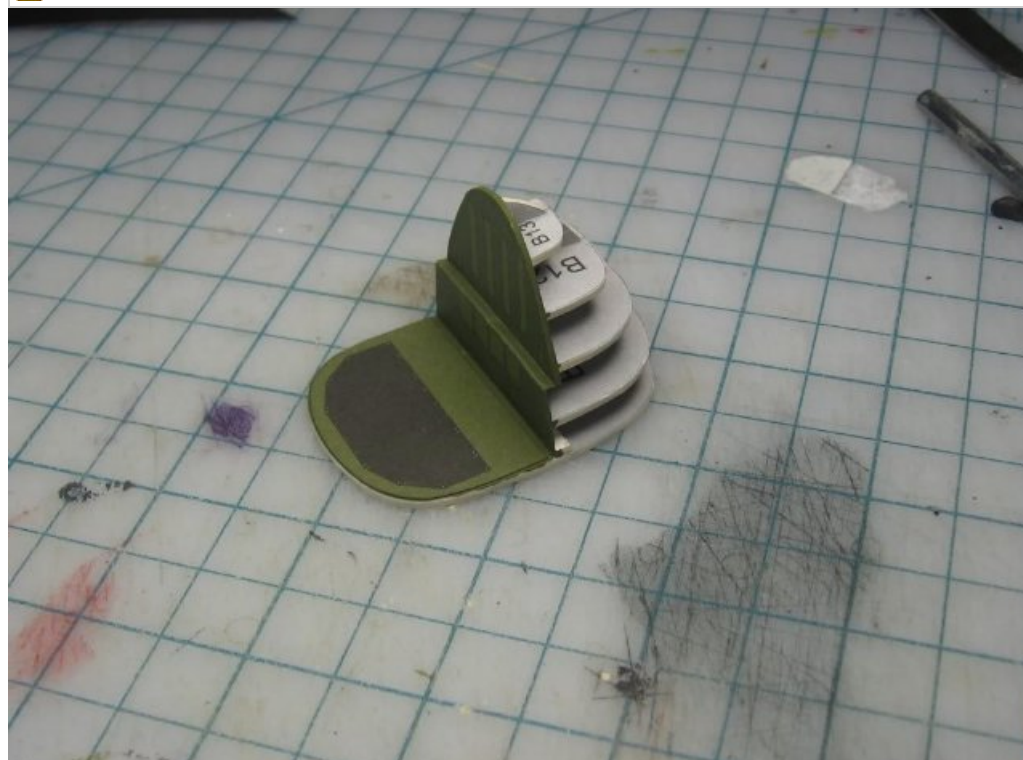
Quote:

Originally Posted by **Don Boose**
We get sent out every day in nose-heavy PBJs

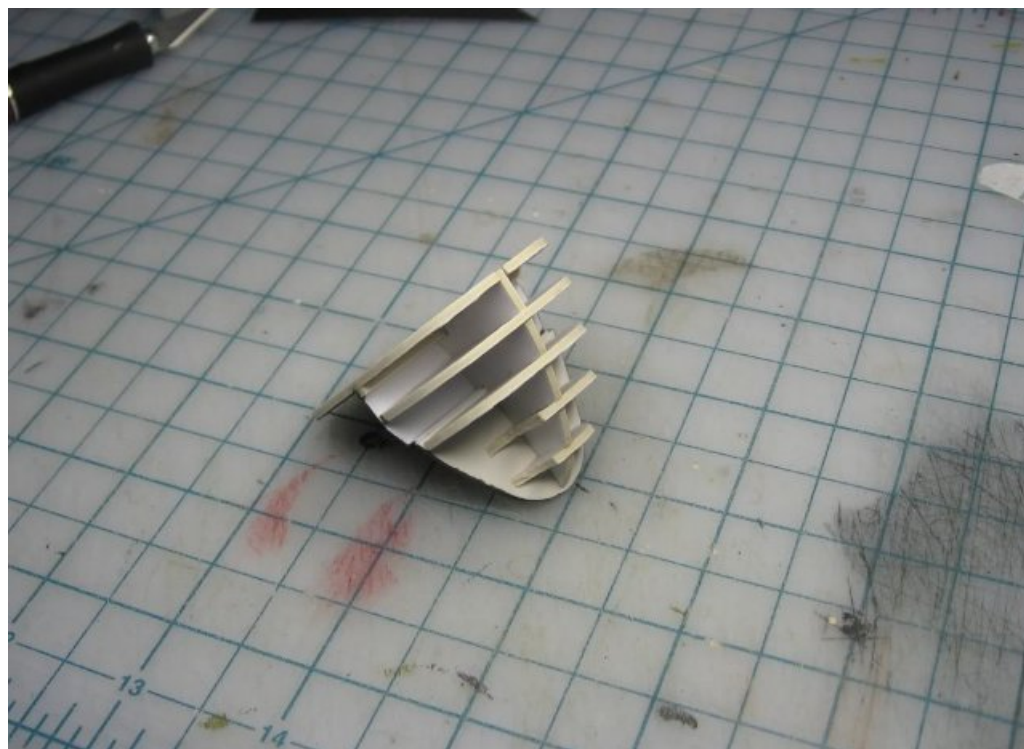
You see!! This model is just true to scale.....😁

Towards that end, I started the lower half of the nose. Very heavy on the form work, this part:


⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x758.

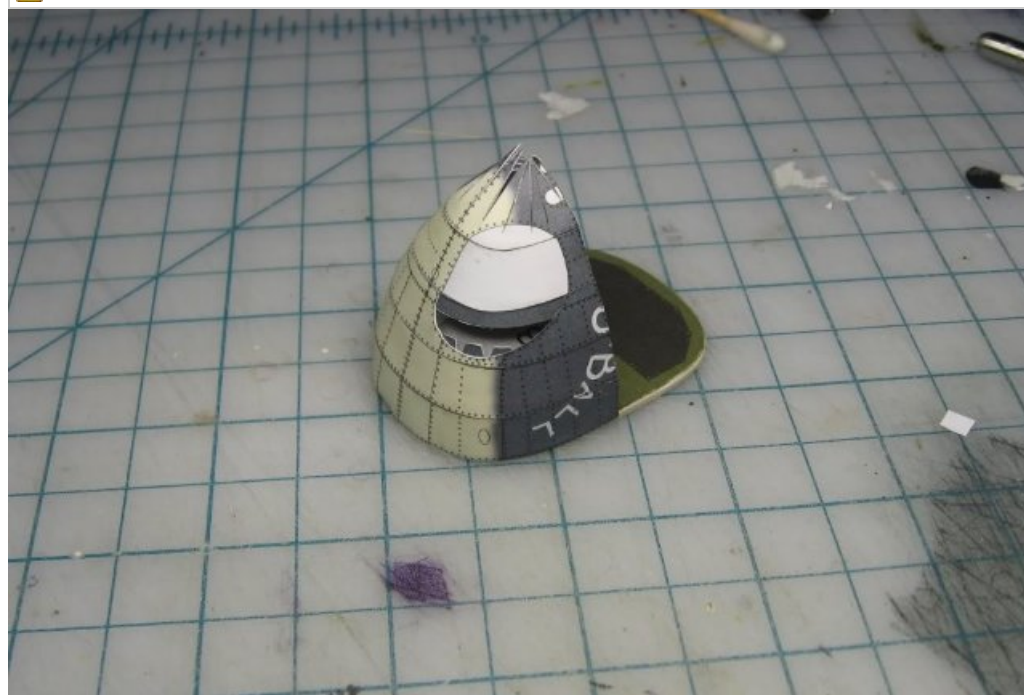



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x744.

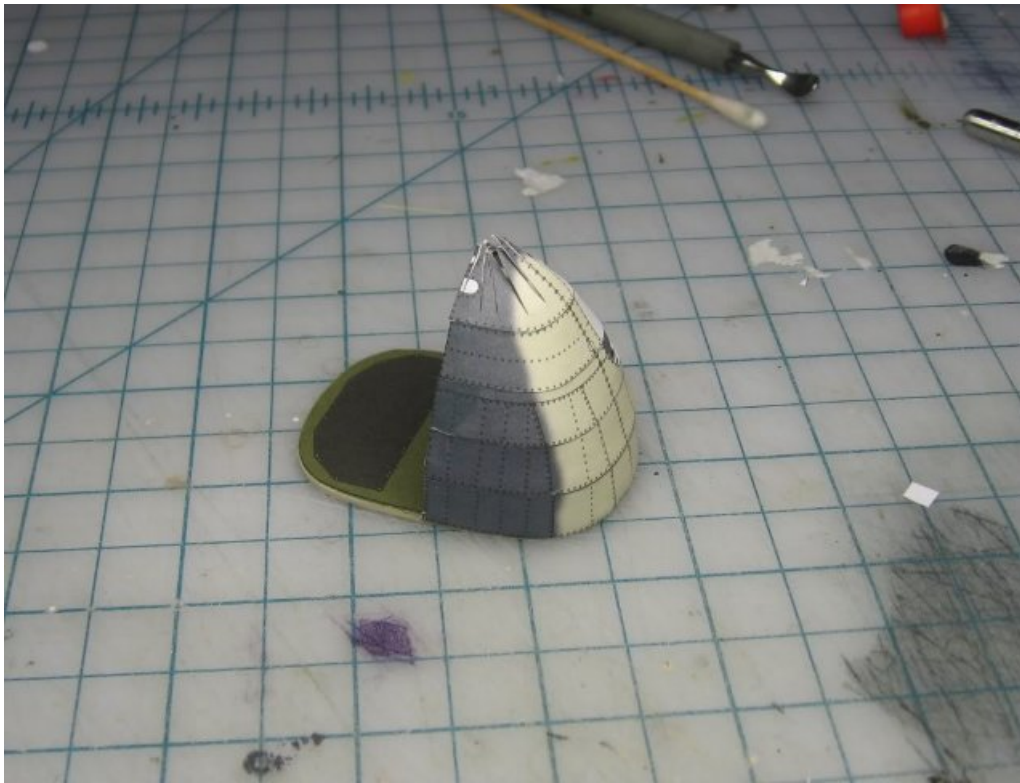


The skins went on pretty smooth. I attached them together to make a shell, then cajoled them over the core:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x687.

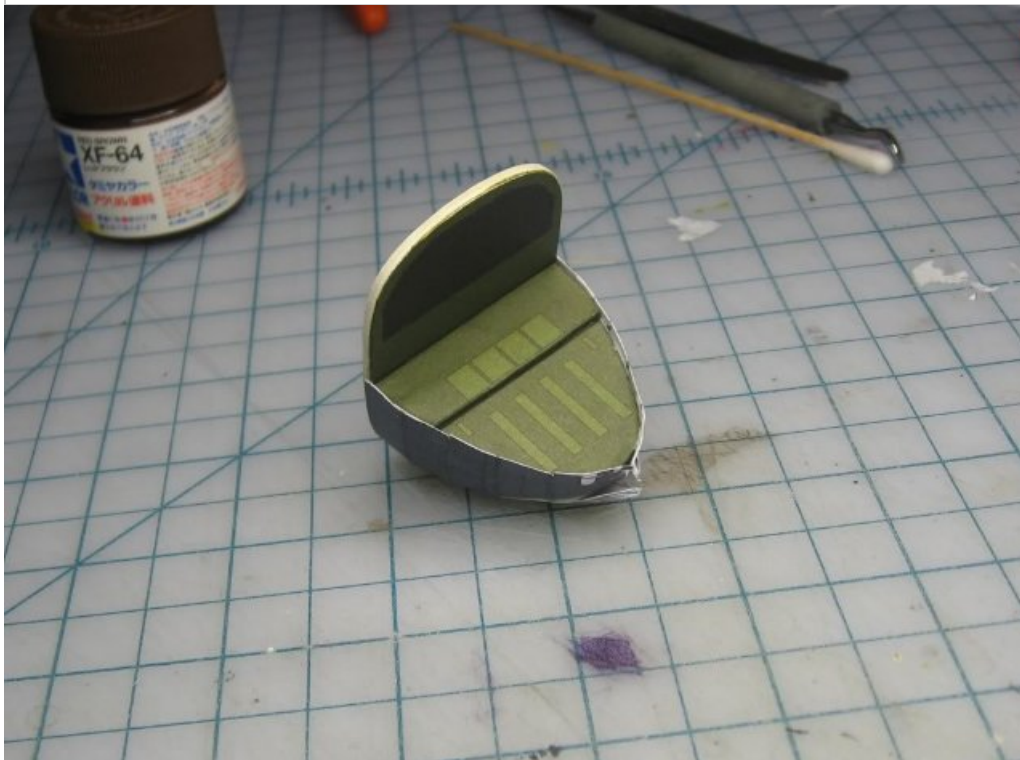


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x778.



As can be seen the cannon port is cut out after the fact. The very tip is a pedal deal (argh!), and I can already see I'm in trouble:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x757.



The ports for the outboard MG's don't line up with the mounting marks on the inside floor piece. I see some modifying and touch up paint in my future.

More as I know it....

Mike

P.S. Sorry for the double posting of one picture in my last report. I didn't notice it until after the edit window closed. It wasn't a case of me liking liking it so much I posted it twice.

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

**kenwest**

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

This is really coming out great! The lower nose section would have also been a good place to add weight if needed.

Ken


**Bomarc**

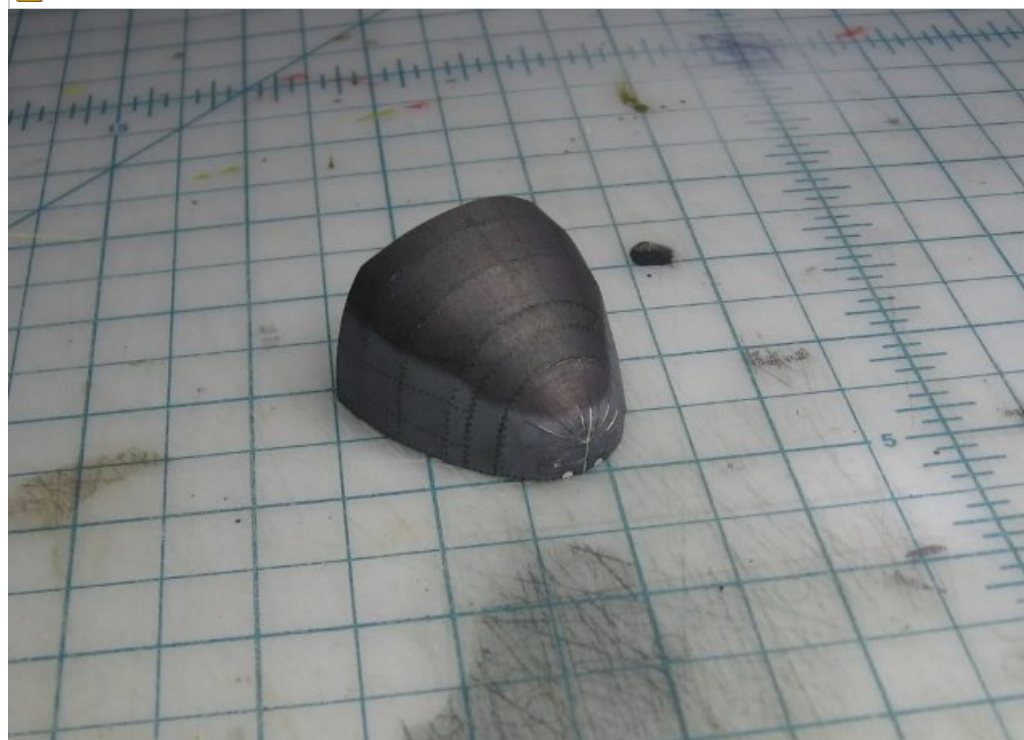
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

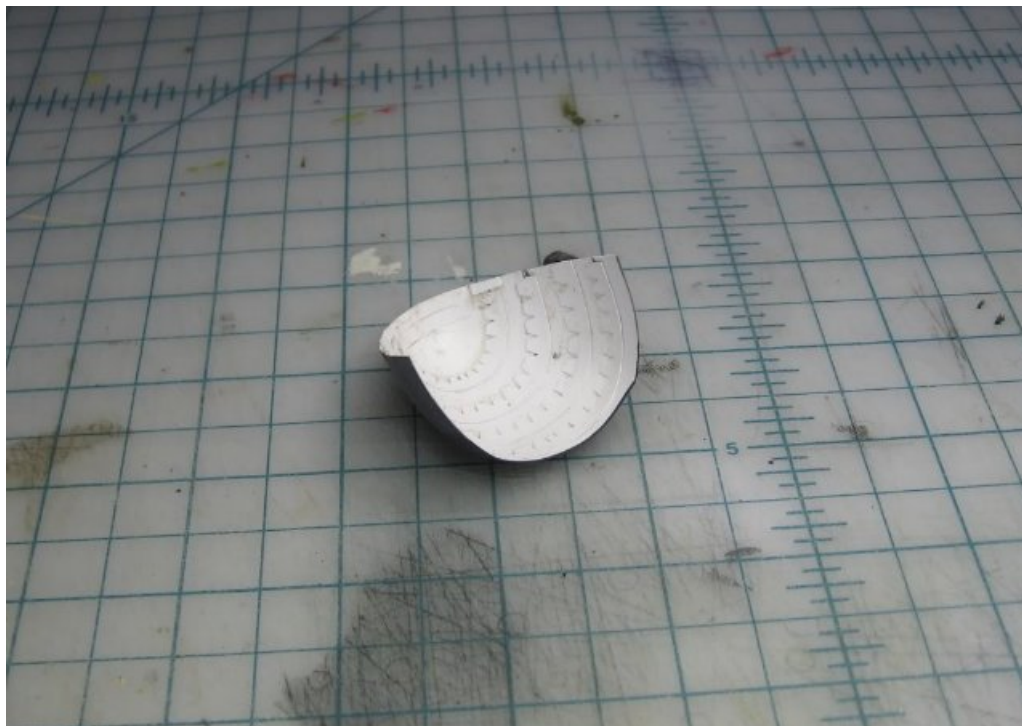
Thanks Ken. I thought about putting weight in there, but I think I put (more than) plenty over the nose wheel.

Slow progress on the gun nose. Orlik actually supplies two sets of parts for the nose: One set that's separated to open it up and display the four MG's, and another set that a complete nose with no opening. I'm building the separated set at the moment. You saw the bottom previously, and I finished the top tonight:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x732.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x724.



It's an empty shell that's lined with light paper (interior green of course), some formers, and the like. I'm sort of on the fence about which way I want to go with the nose. I like having it opened with all the guns, and belts, etc., but the nose of the cannon Mitchell's have a distinct outline and I would like to preserve those pug nosed features.

One thing's for sure, the two separate pieces, once assembled, do not mate, even a little bit. That top was meant to be propped up permanently to give the illusion of a match set. So what I've decided to do is print out another set of formers and build the "solid" nose in parallel:



I'm thinking if that turns out OK, I might split it in two (I'm well versed in that procedure by now), and in my one concession to operable features (sorry Ron, no working cannon), hinge the matched parts.

We'll see how it goes.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 10-21-2009 at 09:51 PM.



peter taft 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

I'm thinking if that turns out OK, I might split it in two (I'm well versed in that procedure by now), and in my one concession to operable features (sorry Ron, no working cannon), **hinge the matched parts.**

We'll see how it goes.

That's defo "having your cake and eating it" - Great idea 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



jagolden01 
Member

Join Date: Jan 2008
Posts: 511

Mike, such clean work on the nose! All those strips give me the willy's.
This build is just over the top.

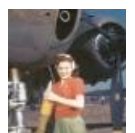


dovbear 
Member

Join Date: Jul 2007
Posts: 19



Yer on a roll, Mike, and an inspiration to me. I've learned an incredible amount of technique just from monitoring your build.
Thanks!




Bomarc 
Member

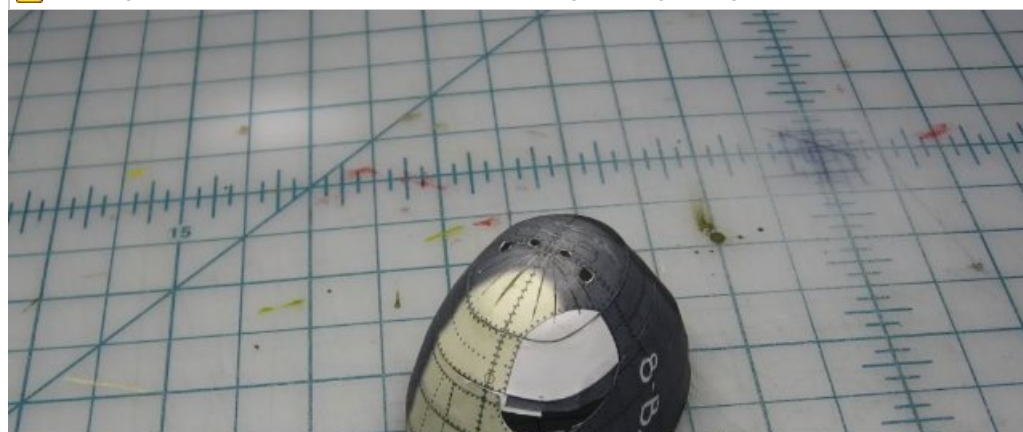
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

When we last saw the Caped Crusaders, the Joker had sprung his evil trap.....


Oh wait, wrong cliffhanger. Anyway, with all the conventioning this weekend out of the way, time for a little model building. And I mean little, as in not a lot. I'll be working under a reduced schedule, so updates will be a little sparse for awhile.

But that's not to say I haven't done anything. The second, "whole" nose that Orlik supplies in the kit is definitely the way to go if you want to make an operable hood. Goes together as well as the two separate pieces:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x749.

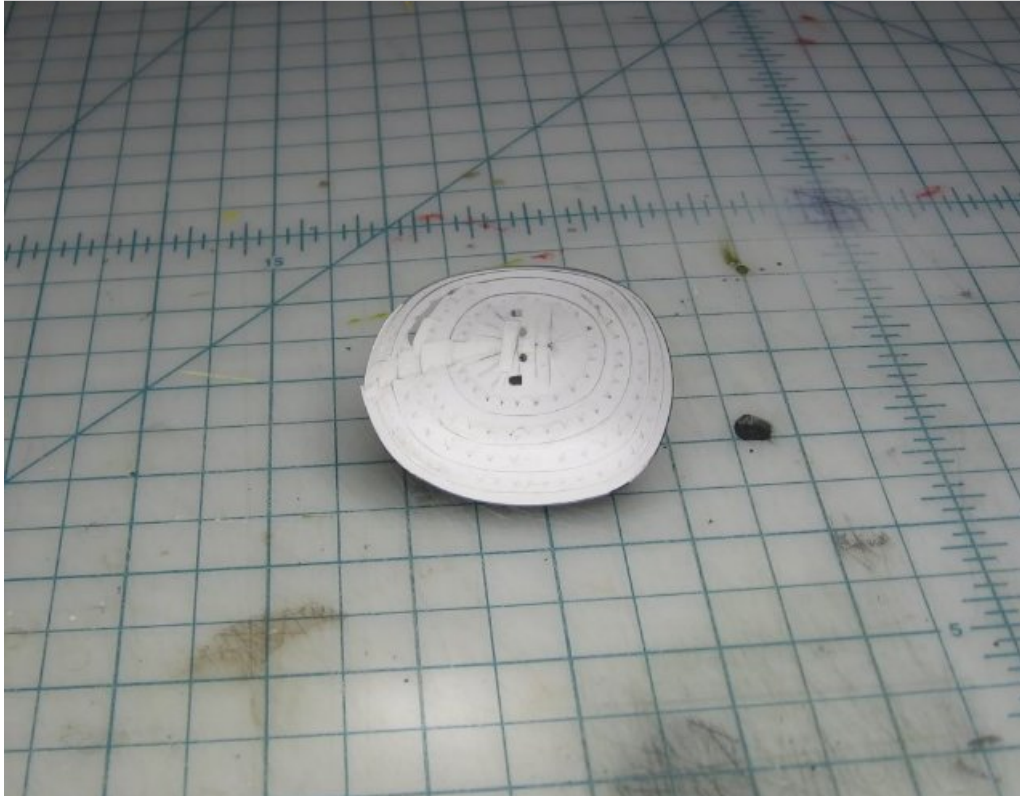





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x706.



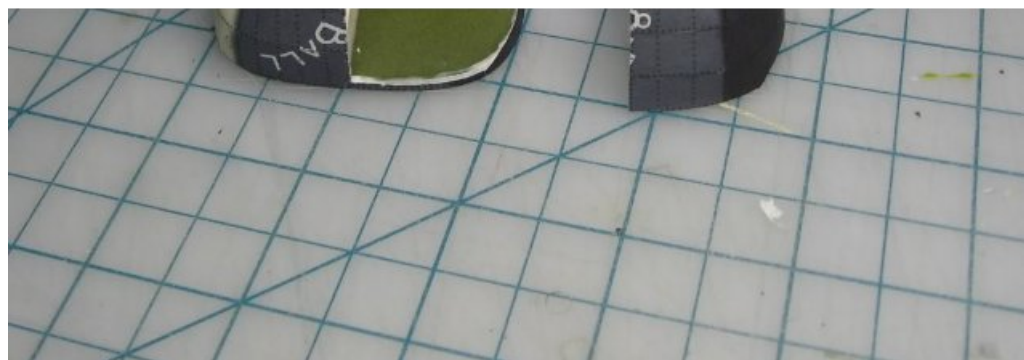
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x798.




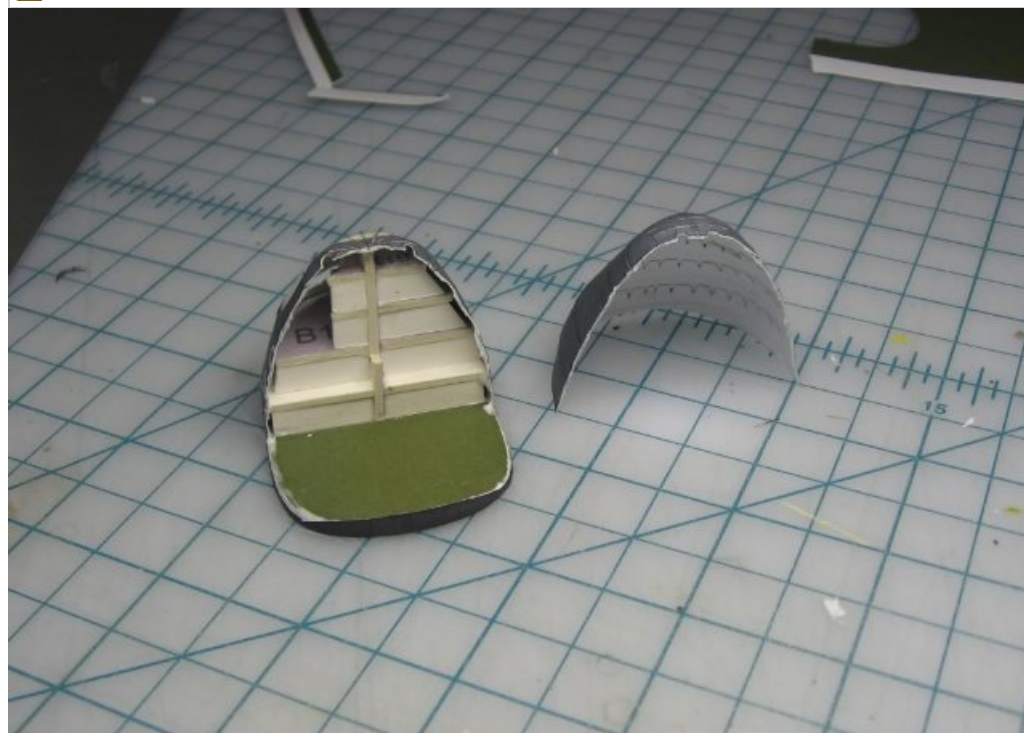
After installing the core, it was nothing to slice off the top (oh no! Not again!):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x720.



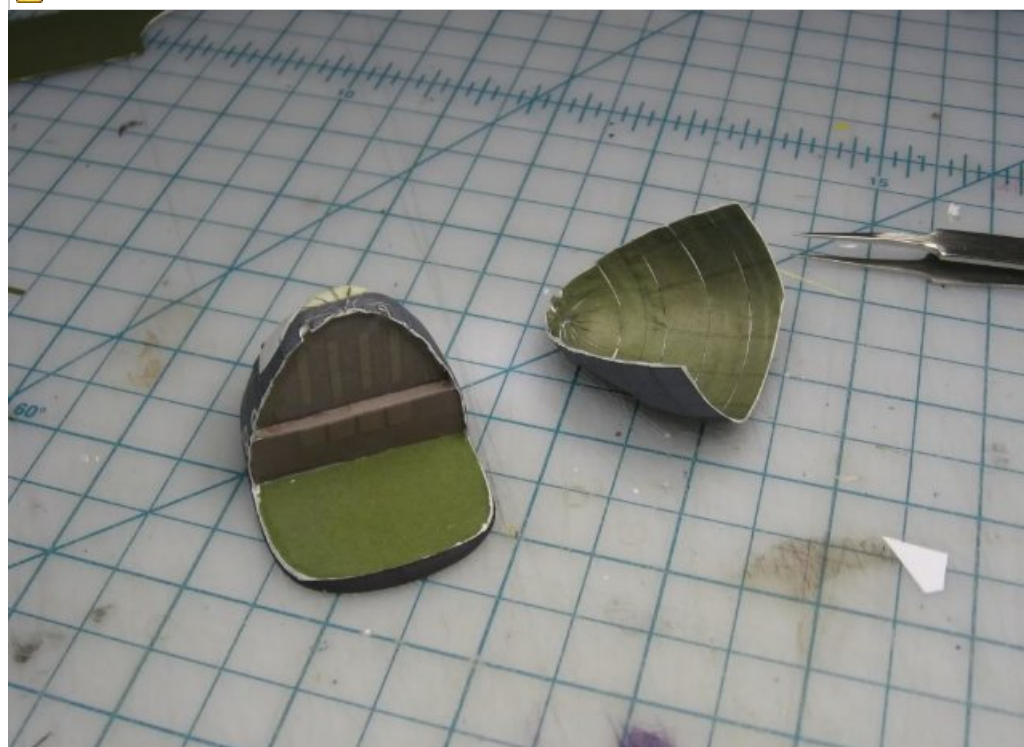


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.



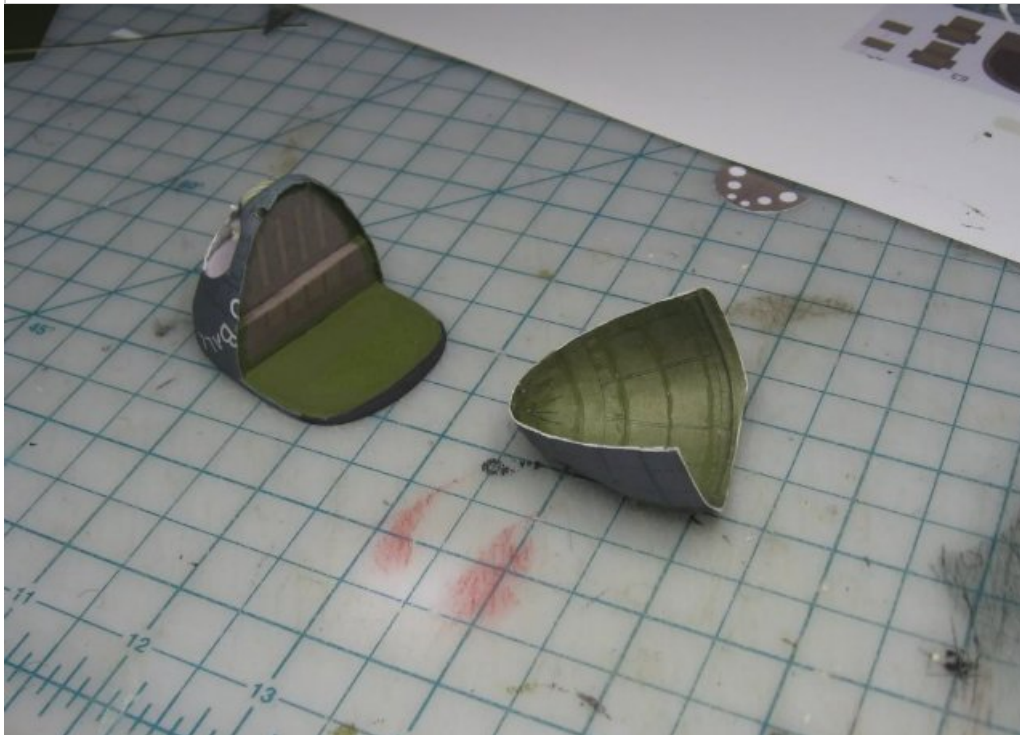
Added the lining pieces, some from the kit (the top shell), some I had to re-print (the bottom half). Between the scans and my printer, the colors don't match very well, but I think the brownish hue gives the area some variety, and seems to fit:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.



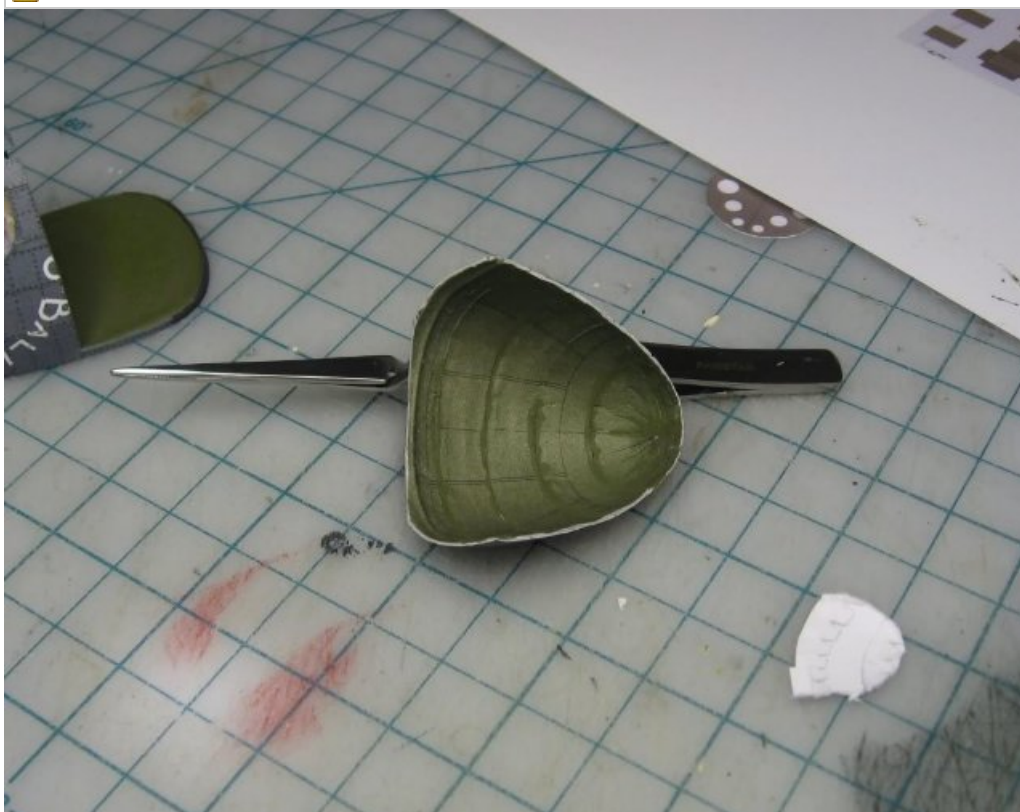
Some touch up paint, and they don't look too bad:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.



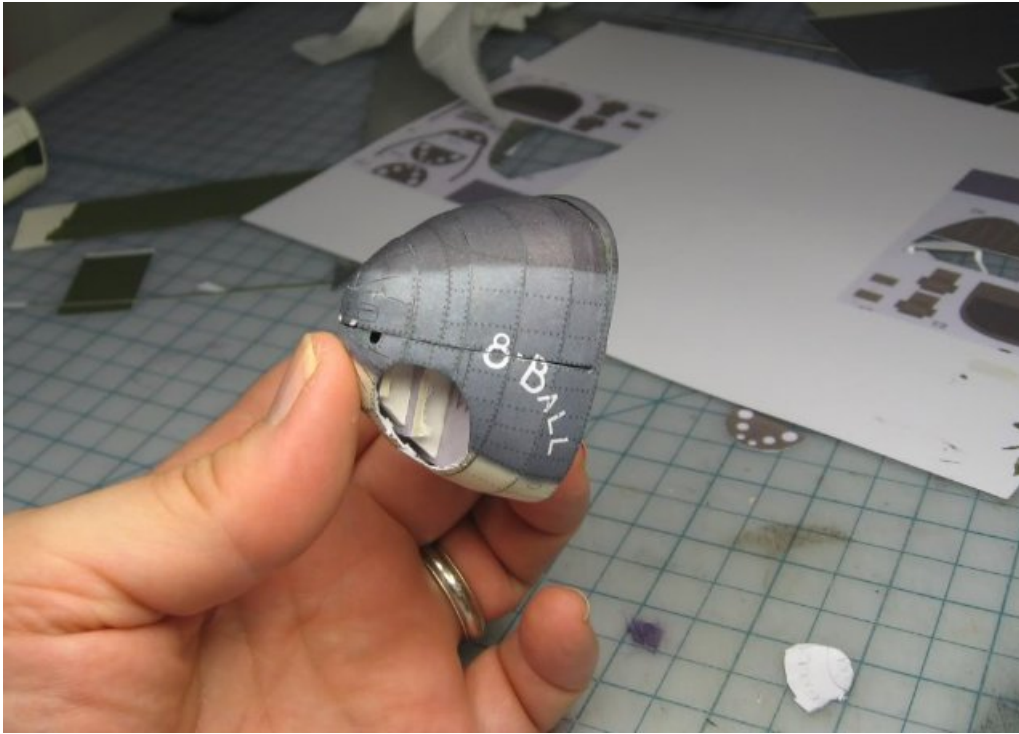
To keep the rear end of the hood in shape, I used some of the extra color material Orlik supplies and attached a thin wire bent to match the shape the rear bulkhead of the nose assembly. Maybe you can sorta see it here:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x807.



But everything matches:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731.

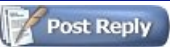


Throw in a hinge, and should be good to go....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 4 44 52 53 **54** 55 56 64 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:49 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 5 45 53 54 **55** 56 57 65 > Last » ▾



peter taft 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



I'll be working under a reduced schedule, so updates will be a little sparse for awhile.

Yo... Mike looking good 😊 Please don't make tooooo big gaps in updates, you could throw us into a withdrawal we may never recover from 😬 Way cool fitting my friend 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

 Quote



flying rasta 
Member

Join Date: Aug 2009
Posts: 109

we understand mike... like pete said...not too long ok?...already going thru severe withdrawal syntoms...the left clicking on aviation page tabs....looking over your photos for the 67th. time...and the like...

at least you help me to get started on a marek 109f 1:50 kit.... if i overdo it...i will blame you for the inspiration...take care.

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

 Quote



kenlwest 
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Take your time! We're not going anywhere. At least we can now hope to keep up with your build!

Ken

 Quote



OldTroll 
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

For those of you who could not get to the convention and see the PBJ in person...he didn't bring it! The PBJ he had at the convention had no discernible scars along the upper fuselage. Since you can't photo-shop the real thing he must have built two - one with the fuselage surgery and one to impress the attendees. Another piece of evidence - the table didn't collapse from the alleged ballast in the nose! Come on, Mike - 'fess up. Was that a stunt double PBJ at the convention? 😊

Ron S.

 Quote



**Bomarc**

Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **flying rasta** 
at least you help me to get started on a marek 109f 1:50 kit.....


'bout time....hurry up and post some pics..😄

Quote:

Originally Posted by **OldTroll** 
For those of you who could not get to the convention and see the PBJ in person...he didn't bring it! The PBJ he had at the convention had no discernible scars along the upper fuselage. Since you can't photo-shop the real thing he must have built two - one with the fuselage surgery and one to impress the attendees.

You found me out Ron! The actual fuselage is locked away on a sound stage in the middle of the Arizona desert...no, no, no, that's not it....it's behind a picket fence on top of the grassy knoll....no wait, now I remember, it's embedded in the concrete at Giant's Stadium in the Meadowlandsyeah that's the ticket!

Quote:

Originally Posted by **OldTroll** 
..... Come on, Mike - 'fess up. Was that a stunt double PBJ at the convention ?

Well, I take my cue from any good accountant for the Mob; I keep two sets of books.....😄

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

**Don Boose**

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

It was great to see the stunt double PBJ at the convention. As luck would have it, Mike was at the table next to mine and Lil's and so the Horrible Hampden was wing-to-wing with the Magnificent Mitchell. It was fun to hear the comments:

Visitors looking at PBJ:

"That can't be made of paper!"

"Ooooh! Look inside the nacelles: there are BOLTS on the crankcase and WIRING!" "Whoa! Look at this beauty!"

"The props are plastic, right?"

"How many years have you been working on this?"

Visitors looking at Hampden:

"Is the paper supposed to be wrinkled like that?"

"Did you notice that the camouflage doesn't match up?"

"Aren't there supposed to be guns and antennas?" [That last one was from a smirking Old Troll.]


Don

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Don Boose** 
As luck would have it, Mike was at the table next to mine and Lil's.....

Don makes it sound like it was all kismet that my display ended up where it did, but the reality of it was that, because I was "tardy to the party" (I arrived Saturday morning), the fact that I had a spot on *any* table to pitch my tent was due entirely to the kind help and generosity of the Colonel and Peter Ansoff. Many thanks to both of you for letting me squeeze in.

As for all those alleged comments Don relates above, I heard none of it (well, except for maybe the one from the troll meister) . But I *did* hear "Colonel your table display and models are outstanding!!!" more than a few times. And that includes the undeservedly maligned Hampden....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Wily

Member

Join Date: May 2009
Posts: 152

My word...your model is wonderful. 😊

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



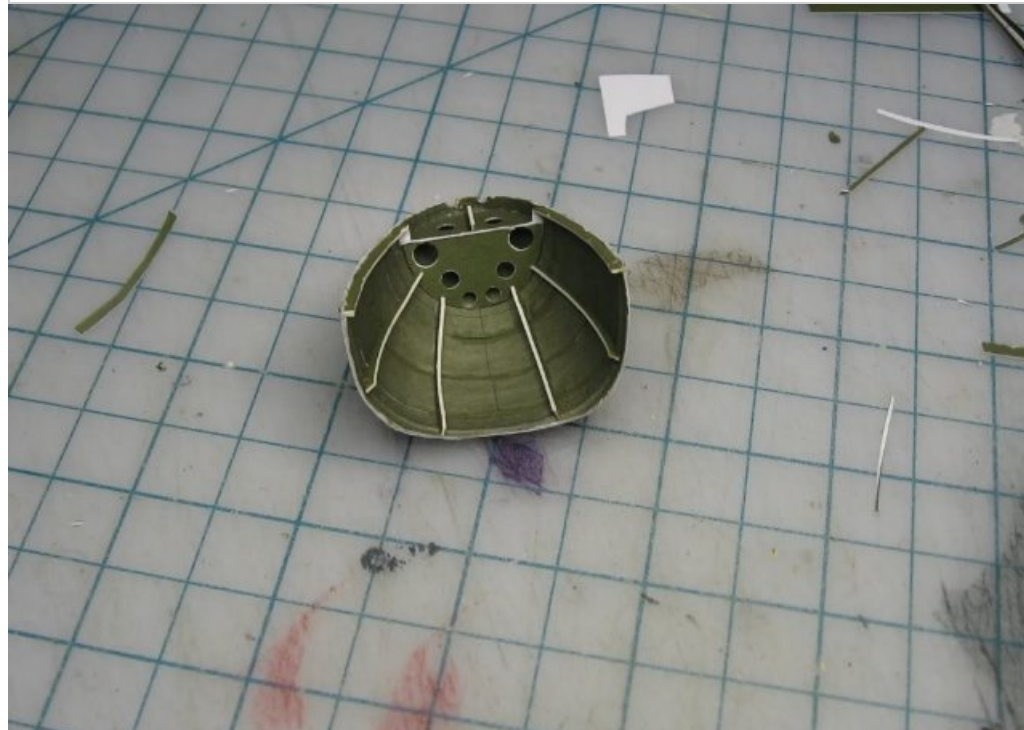
Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Taking baby steps these days, but still moving forward. Detailed the interior of the clam shell hood:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.




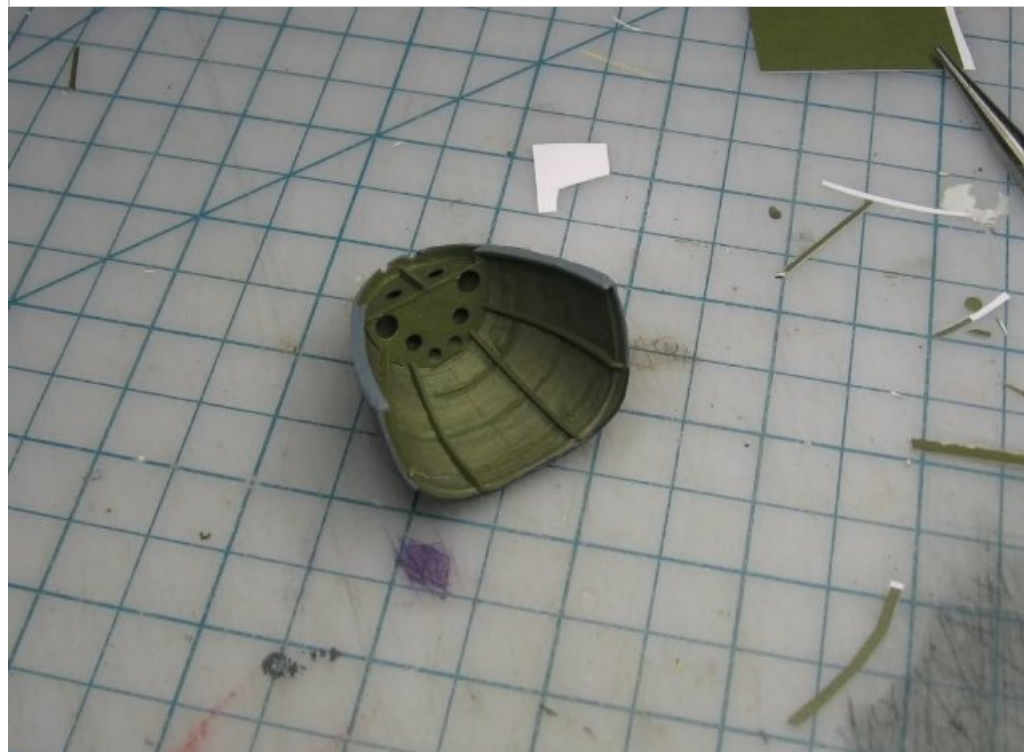
This image has been resized. Click this bar to view the full image. The original image is sized 1023x764.




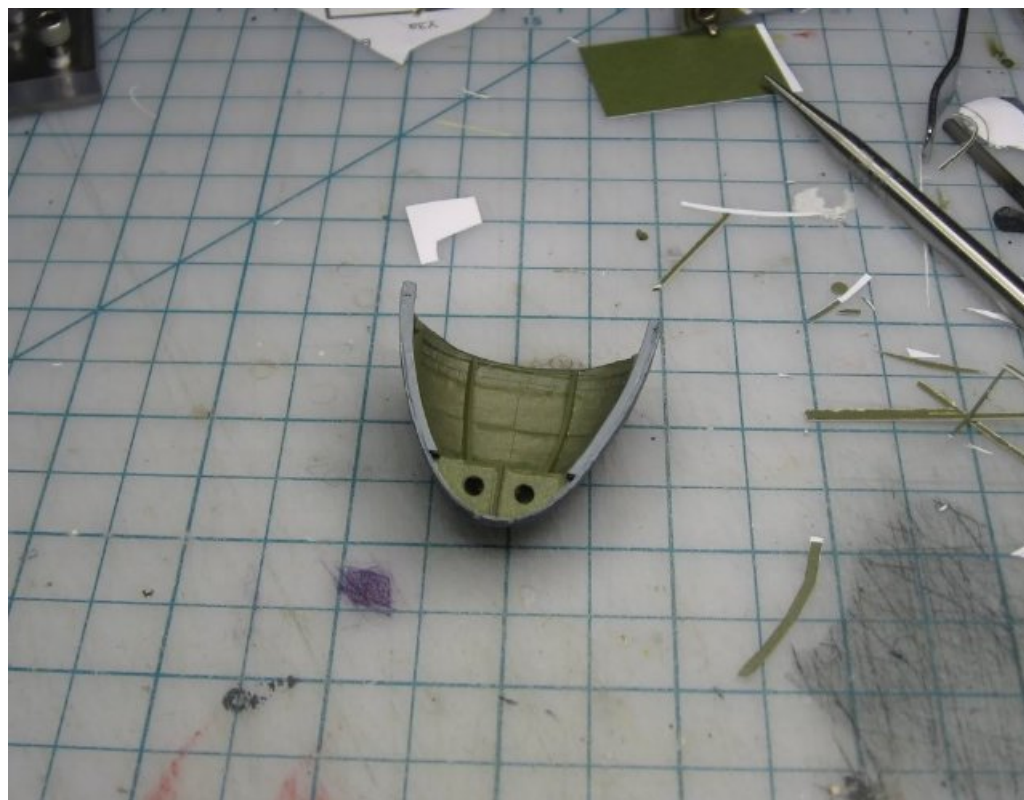
The parts with holes are kit parts. I punched them with the newly received punch set I bought from Jason ("jmcdermott", back story here [Custom punch sets, Need your opinions](#)). They work great and were a great buy!

Some touch up paint, and viola:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x747.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x796.



Last night and tonight will be wrestling with the lower nose cannon fairing pieces; not for the squeamish. Small children and those with heart condition may wish to look away during that update.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51siq.ipbfree.com/index.php>



Texman

Lilliput Transportation

Join Date: Jul 2007
Posts: 694

Mike,

Nice work! Just a quick question. Are you brush painting the touchups, or using an airbrush? The work looks very smooth.

Ray

Don't squat with yer spurs on.....It's gonna hurt



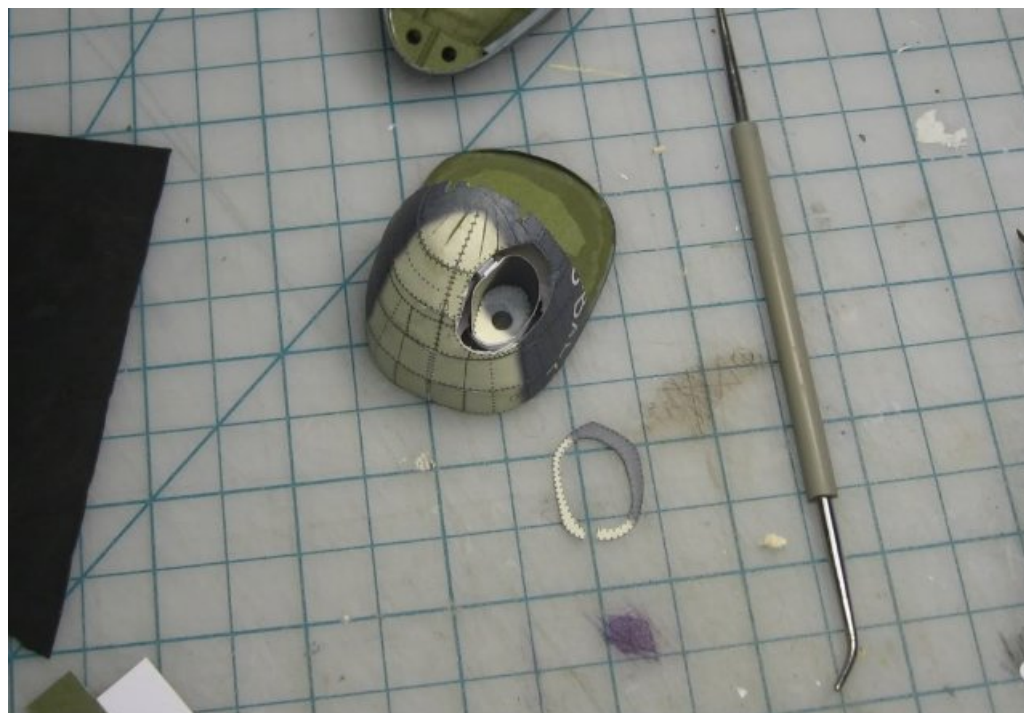
« First < 5 45 53 54 **55** 56 57 65 > Last »

« [Previous Thread](#) | [Next Thread](#) »


You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

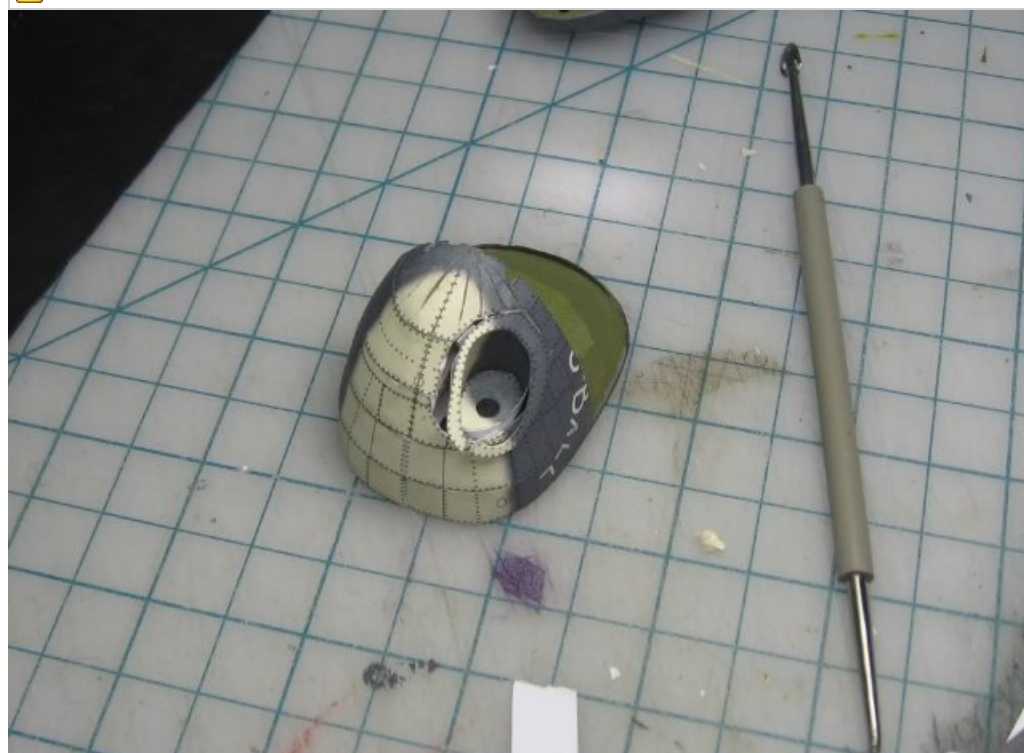
[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**


[Forum Rules](#)



What, are you kiddin' me Orlik? The only way I could figure to do it was to attach the outer edges a little at a time:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x749.

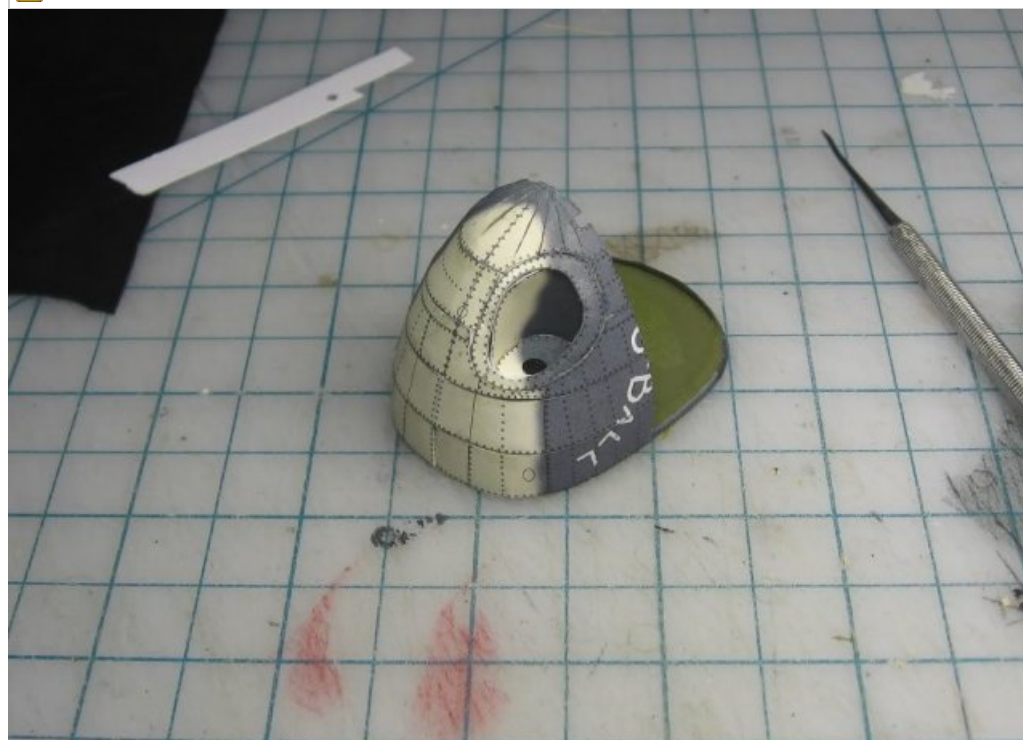


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.





This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.



This image has been resized. Click this bar to view the full image. The original image is sized 1023x735.

While each segment was drying, I started something else. The back bulkhead of the gun compartment has a canvas curtain that covers the access to the instruments in the cockpit. Orlik just printed this on the part, but since I had to make a new bulkhead for the gun nose Part Duex, I needed to add one. Took a piece of printer paper and soaked one side with Elmer's:

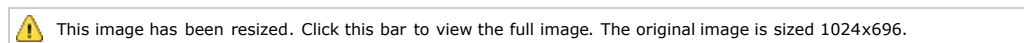
This image has been resized. Click this bar to view the full image. The original image is sized 1024x688.



Turned it upside down and wrinkle the heck out of it:




Pulled that off and let it dry (cleaned up the mess while I was at it):






After the Elmer's dried, I took another reprinted part as a pattern and cut out the new curtain and painted it a shade of olive drab:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683.

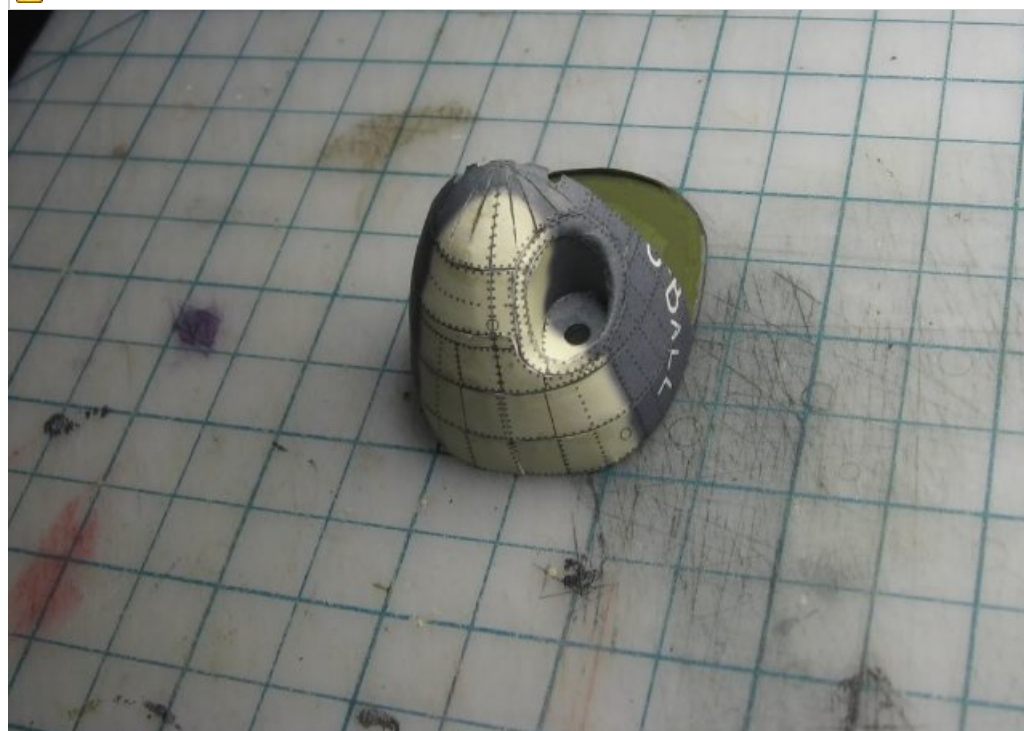



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x706.



"Meanwhile, on the other side of town..." With the ring fully dried, I blobbed Aleene's in the gap and proceeded to work the damp paper down and around the core piece. No pictures of that as I need both hands, but here's the result:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x725.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x745.



Then it was just glue down the canvas cover. Here it is next to the original Orlik part in my now failed first attempt at a nose:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x773.



Done and done! Probably a way longer trip than necessary to make that canvas cover, but what the hell....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



**OldTroll**
MemberJoin Date: Jun 2007
Location: Newport News, VA
Posts: 1,967

Must go to doctor to have dropped jaw reattached! You continue to amaze with your skill and creativity.

Ron S.

**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **OldTroll**

Must go to doctor to have **dropped jaw reattached!** You continue to **amaze** with your **skill and creativity**.

Me too, Agree - agree and agree again 😊 continuum of excellence in the extreme 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

**chiawatkom**
MemberJoin Date: Oct 2009
Location: Bangkok, Thailand near RTAF air base
Posts: 363

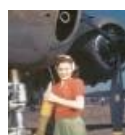
Dear Bomarc,

your work can make me sleep well tonight. Oh my god!!!

**flying rasta**
MemberJoin Date: Aug 2009
Posts: 109

continue to inspire man...learning that creativity to problems is great thanks for displaying your step by step instructions

to buy...or not to buy...damn you MAREK....damn you!!...ummm...can you make one more 1:50??

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

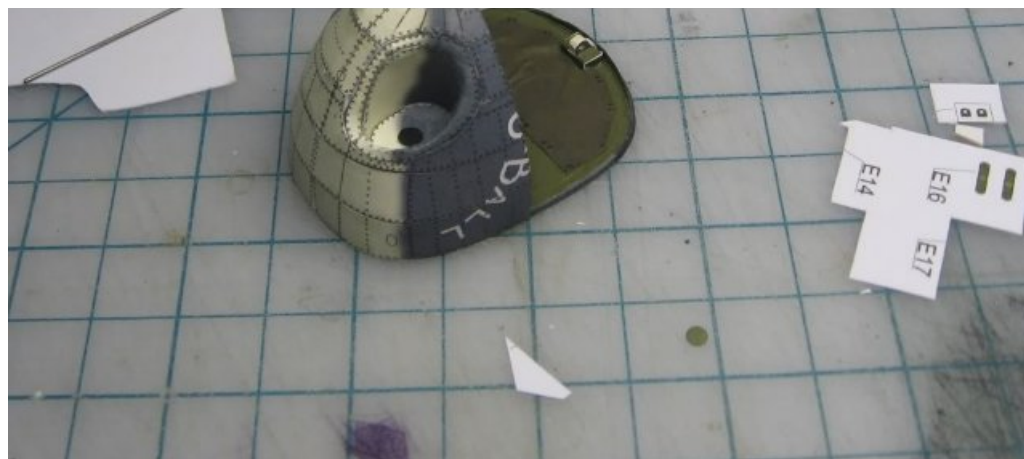
Anyone seen/remember that great Pixar movie "The Incredibles" from a few years ago? There was that little woman, Edna Mode, who made the outfits the super heroes wore. When "Mr. Incredible" was getting a new suit, he was thinking about getting a cape, and Edna Mode would yell "NO CAPES!!!" (they were hazardous to super heroes' health as she would illustrate). Well, after spending all of a night and a good part of the next day trying to get this hood to be movable, I think I have a new edict for Ms. Mode: "NO OPERABLE COMPONENTS!!!" This thing was almost my Waterloo.


I started with the Orlik hinge parts, but compare the first image with those about halfway down, they would change considerably thanks to the wacky geometries. I had to cut a notch in the top of the hood, which meant cutting through the wire core, which threw alignment off, and required me to patch the top. That also required that I build a box structure in the middle to bridge the gap between the now in two pieces wire, so the overall shape stays the same. That worked in my favor, as the real A/C (last pic) had something like that. Other trimming to get clearance for the hood as it opens resulted in a complete re-skinning of the upper rear bulkhead with extra material from the kit. One thing led to another...

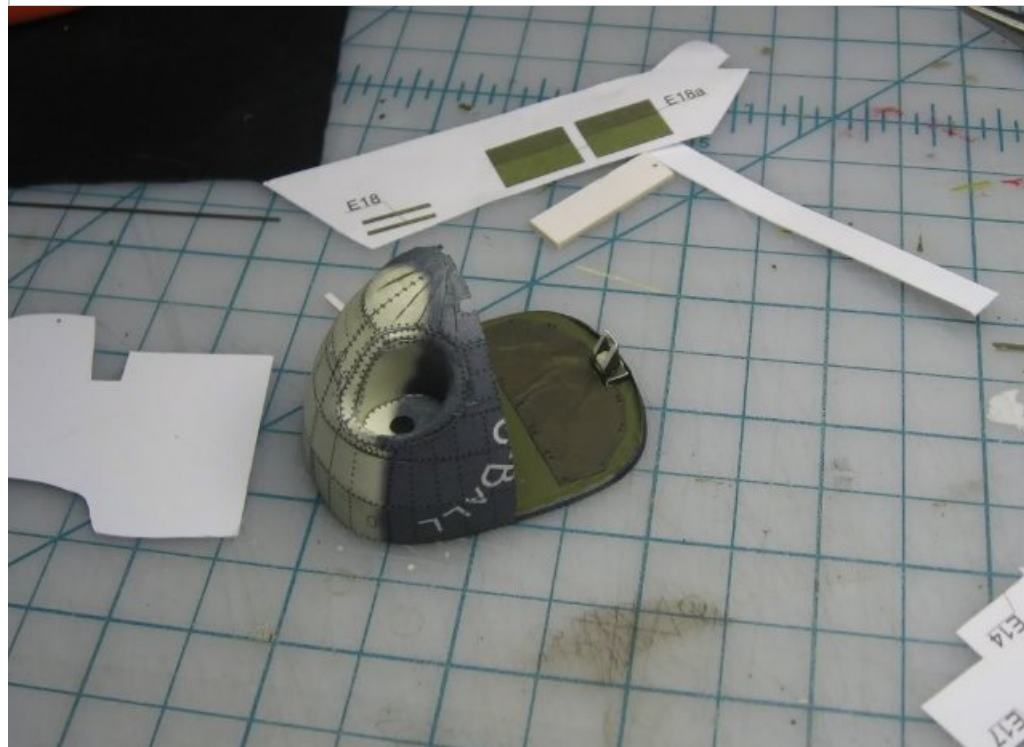
I'm just going to post the pics, no commentary. I think you guys can figure out what they're showing:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x722.






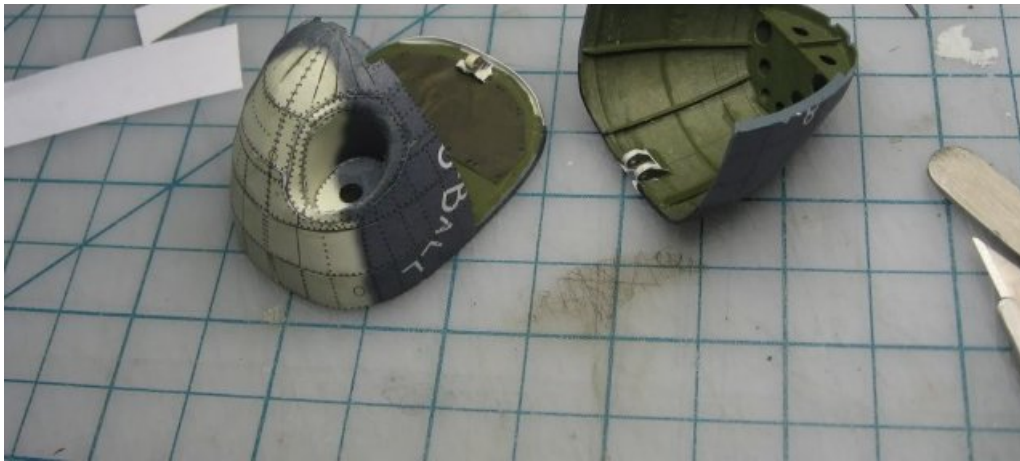
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x745.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x737.




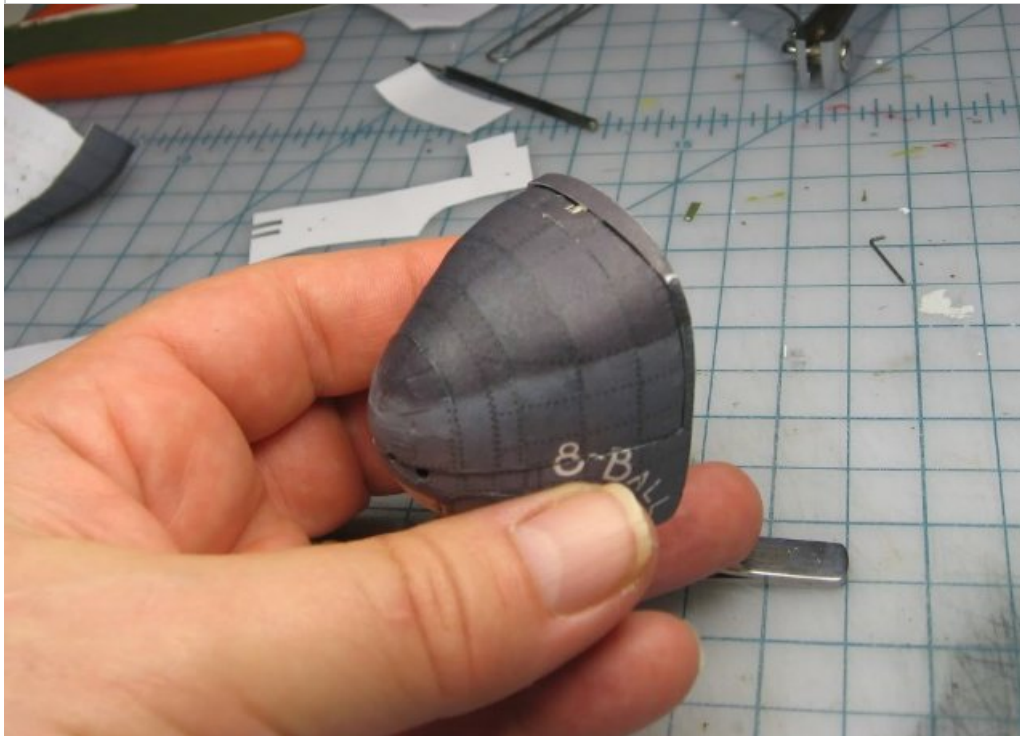
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x639.




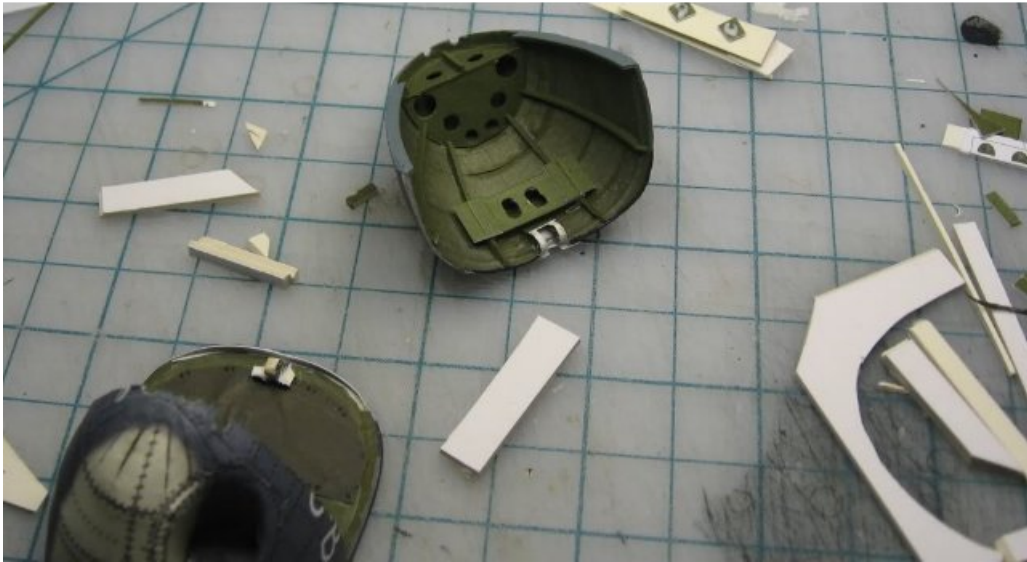
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x760.




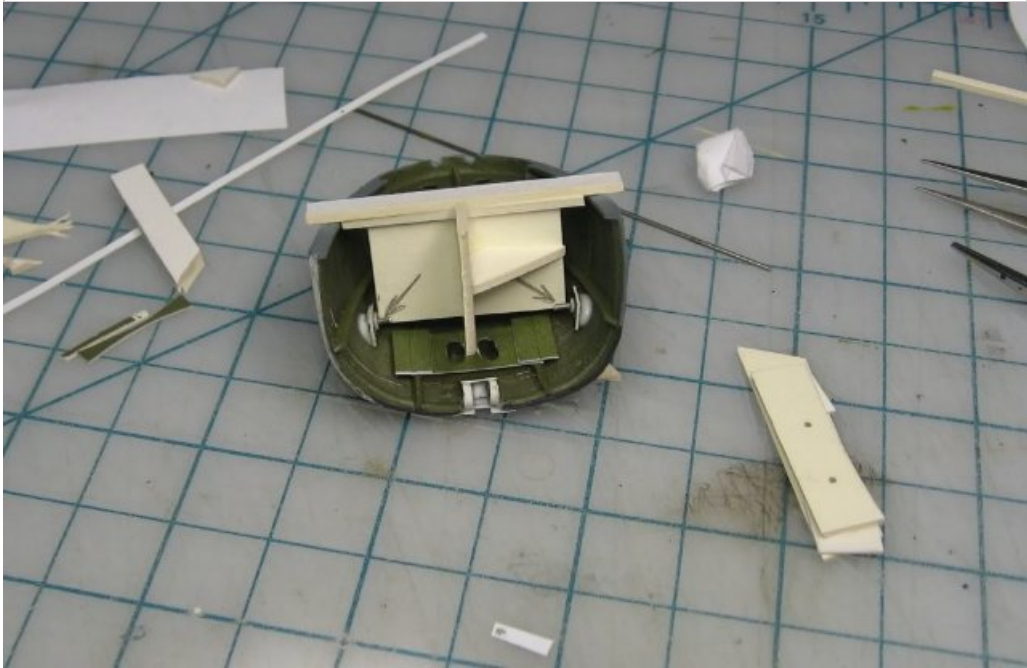
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.




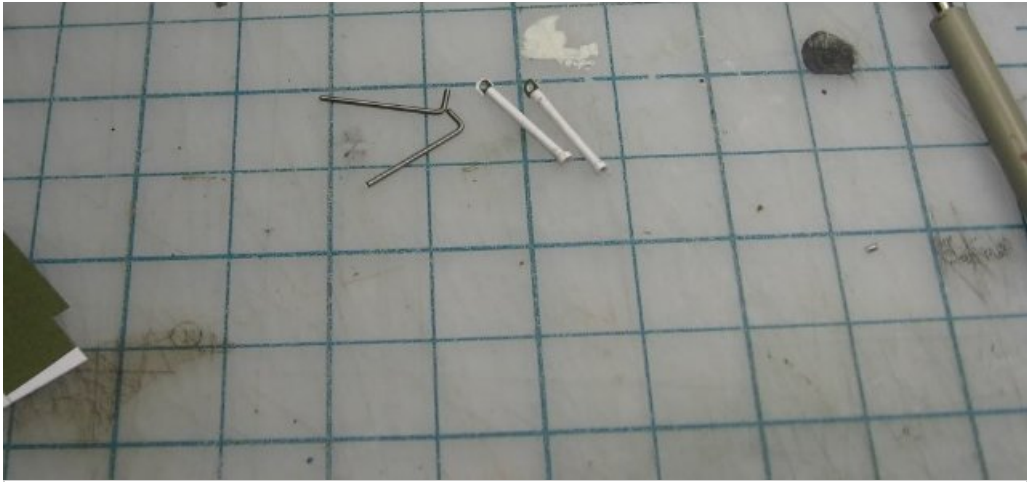
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x664.




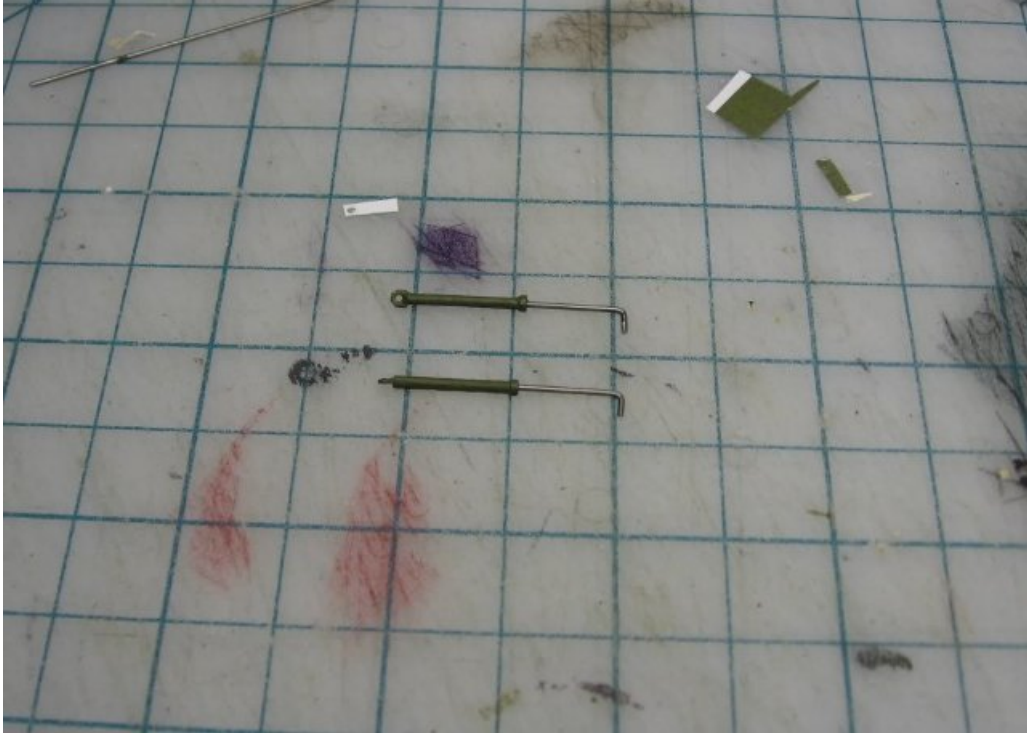
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.




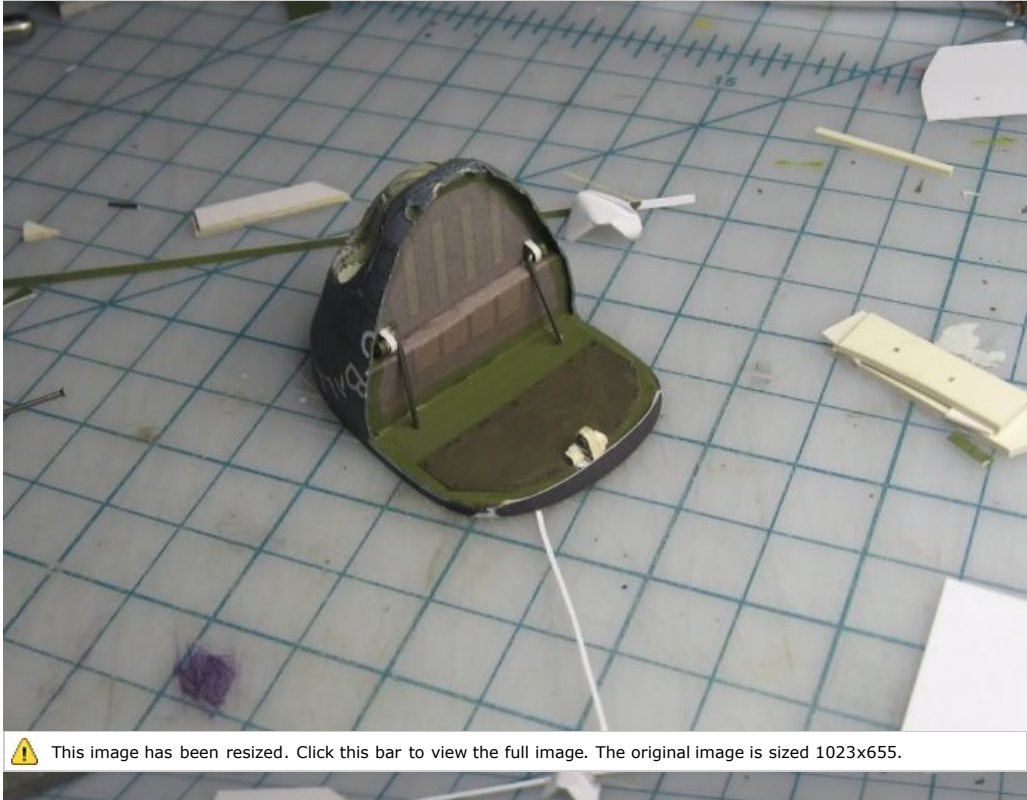
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x630.




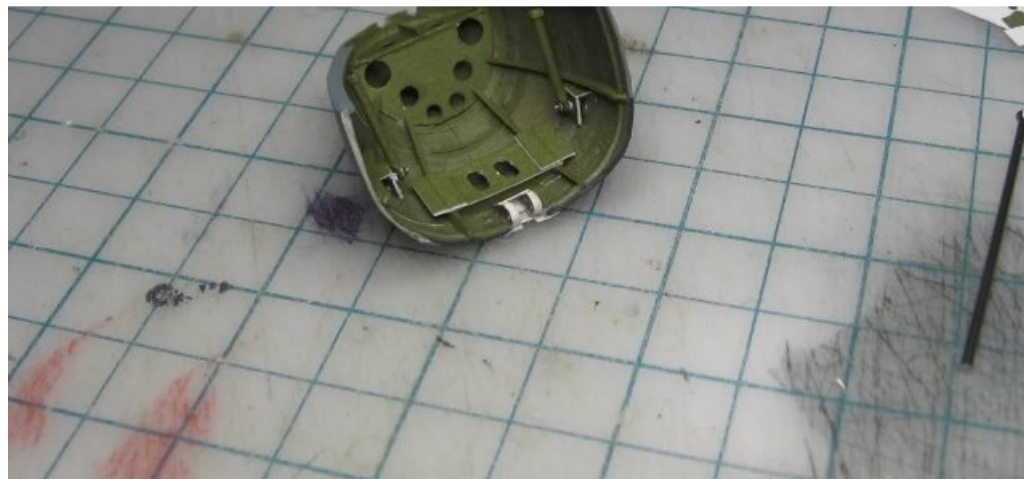
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x733.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x655.




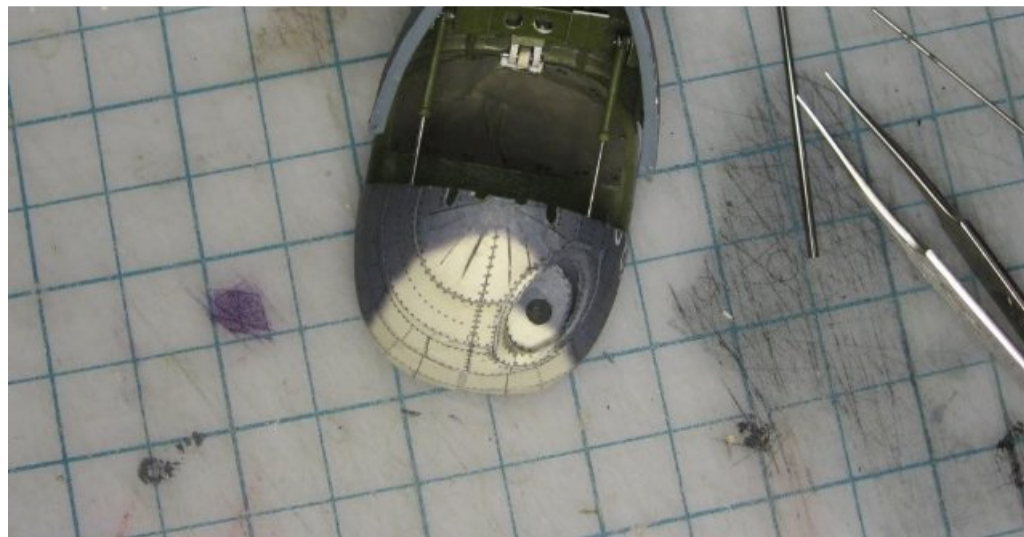
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x670.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x740.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683.



It's going to need a pin in the front to keep the hood fully closed. Little touch-up paint along the edges, and that's it for anything that intentionally moves on this model!

Mike

"Please to continue....."


Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





John Bowden 

Member

OMG..... dahhlink 

www.dgapapermodels.com

[My Drawings](#)

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809



« First < 6 46 54 55 **56** 57 58 66 > Last »

[« Previous Thread](#) | [Next Thread »](#)

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:51 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

« First < 7 47 55 56 **57** 58 59 67 > Last »



DO NOT FEED THE TROLL
OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,967


I have only one word for you, Mike - "bonkers, completely bonkers!" Ooops, I guess that was three words, or actually two words with one replicated. I am convinced that the difference between fair-to-middling modelers and great modelers is the degree of madness one is willing to embrace in the pursuit of perfection. <<Troll grovels humbly at the master's feet>>

Ron S.



GreMir Models
GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,226


THIS is a completely new quality in card modeling!
Ron - you are not alone....

Michael Krol
www.gremirmodels.com



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! (gasp)!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!
Yogi (I'm not worthy! I'm not worthy!)



Wily
Member

Join Date: May 2009
Posts: 152

This thread is definitely one of the most enjoyable in the forum, ever.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com

Last edited by Wily; 10-31-2009 at 10:41 PM.



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

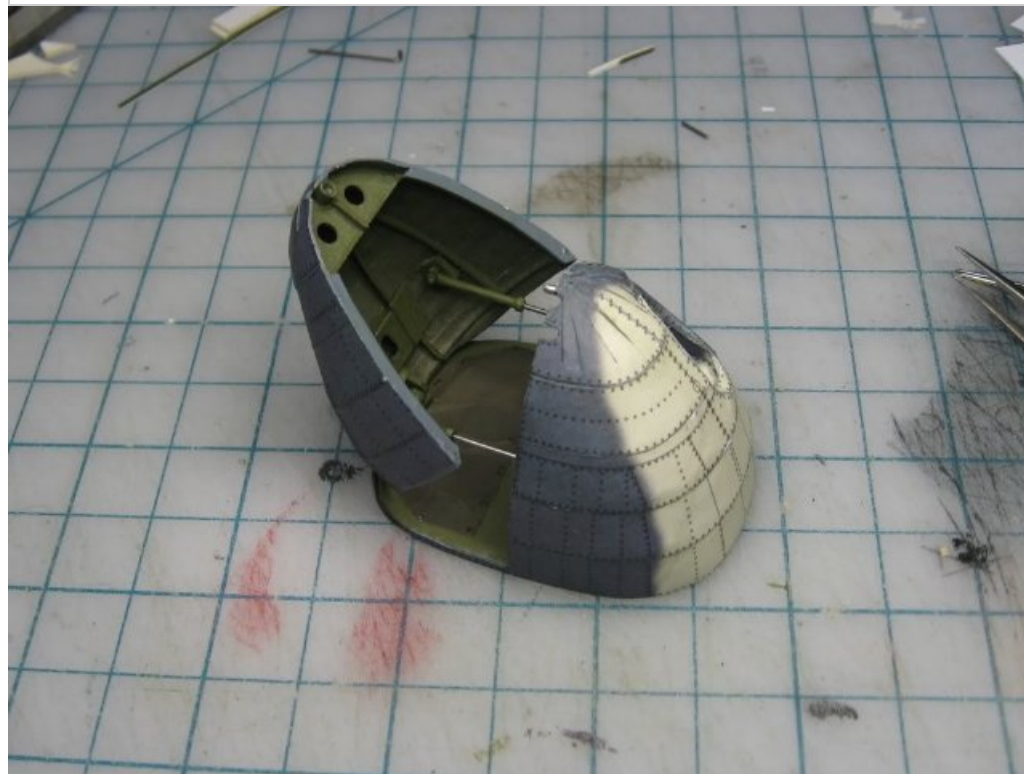
Quote:

Originally Posted by **OldTroll**
<<Troll grovels humbly at the master's feet>>

Get up Ron! There's no grovelling in paper modeling!!!!*

Touched up the edges :

This image has been resized. Click this bar to view the full image. The original image is sized 1023x772.



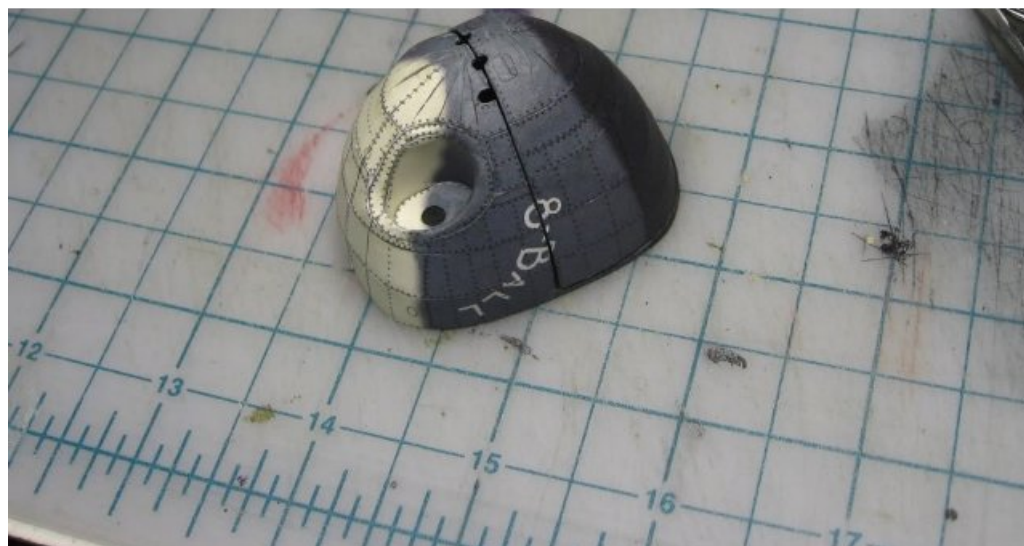
This image has been resized. Click this bar to view the full image. The original image is sized 1024x699.




Also worked out a pin and socket deal to keep the nose closed and (somewhat) aligned :


This image has been resized. Click this bar to view the full image. The original image is sized 1022x715.

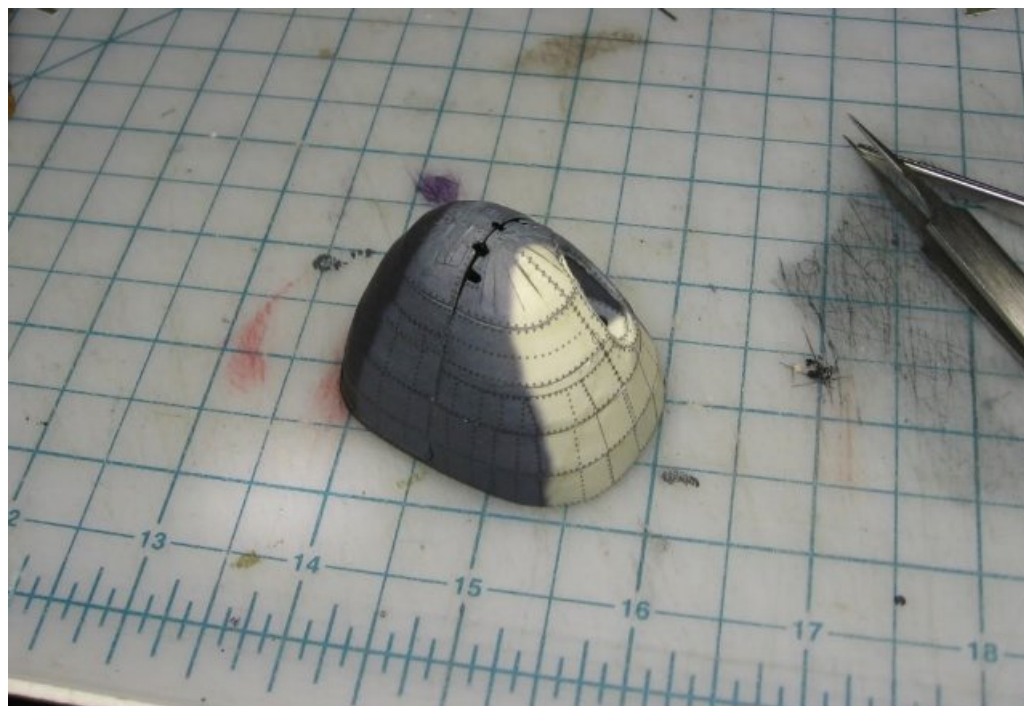




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x703.



"8-Ball" doesn't quite line up, but after the fits I went through to make this work, I'll take it. It does stay "propped" in the horizontal:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x748.



Since I don't have to attach this to the fuselage until later, I can populate this thing with guns, belts, and bins (wasn't that a band in the '90's?) now, and set it aside with the engines until the bitter end.

Mike

* Points for guessing the movie I paraphrase from...

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



Quote



Clashster
Member

Join Date: Jun 2007
Location: The Conch Republic
Posts: 1,005

So very cool! Great work! Awesome details!

Chris

Currently have way too many hobbies



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Incredible. This is certainly a grovel-inducing level of art and craft.

Don



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Don't be fooled by our Mike's ploys in getting us believe he actually makes these things..... word has it, that he has shrank aircraft technicians and they do the work for him while he sleeps peacefully in his bed lol 🤖 Lovely work Mike 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 89

In the past, I was worried about his engines being so realistic that the finished model would leak oil. Now my worry is that when the guns fire, they'll get hot and char the paper.

I hope he's using fireproof materials....



barry
Member

Join Date: Jul 2007
Posts: 1,424

Mind boggling



« First < 7 47 55 56 **57** 58 59 67 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 8 48 56 57 **58** 59 60 68 > Last » ▾



Willja67 
Member

Join Date: Jul 2007
Posts: 598

We worship nutcases, that it in itself must say something about us. What I'm not exactly sure, but I do know that is incredible work!

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)

 Quote



CharlieC 
Member

Join Date: Jul 2007
Location: Brisbane
Posts: 918

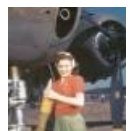
You may know about this resource but just in case.....

There are a bunch of detail drawings of the B-25H/PBJ-1 at
[PBJ-1H: Technical Drawings](#)

Regards,

Charlie

 Quote



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Charlie, I am aware of that site, Yogi pointed me to it about 20 thread pages or so ago. But I appreciate your mentioning of it just the same. It will no doubt be my downfall, preventing me from ever finishing this thing (just *one* more little detail.....😁)

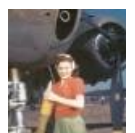
And thanks to all you mugs for the kind words and encouragement. This epic wouldn't be half as fun if I couldn't share what I've learned with all of you here.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>


 Quote

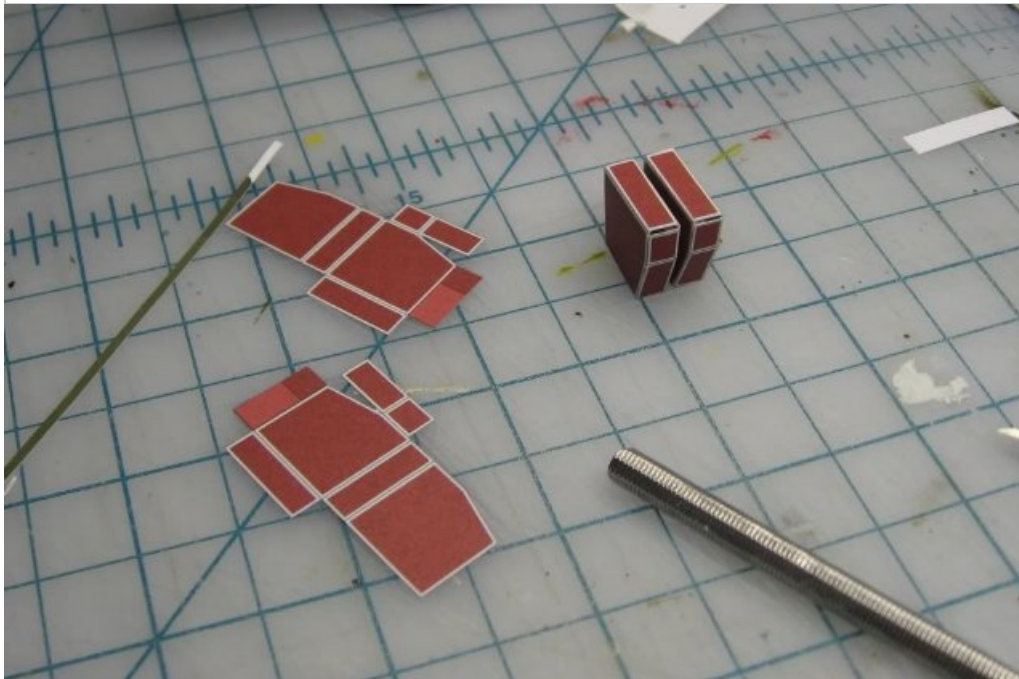


Bomarc 
Member

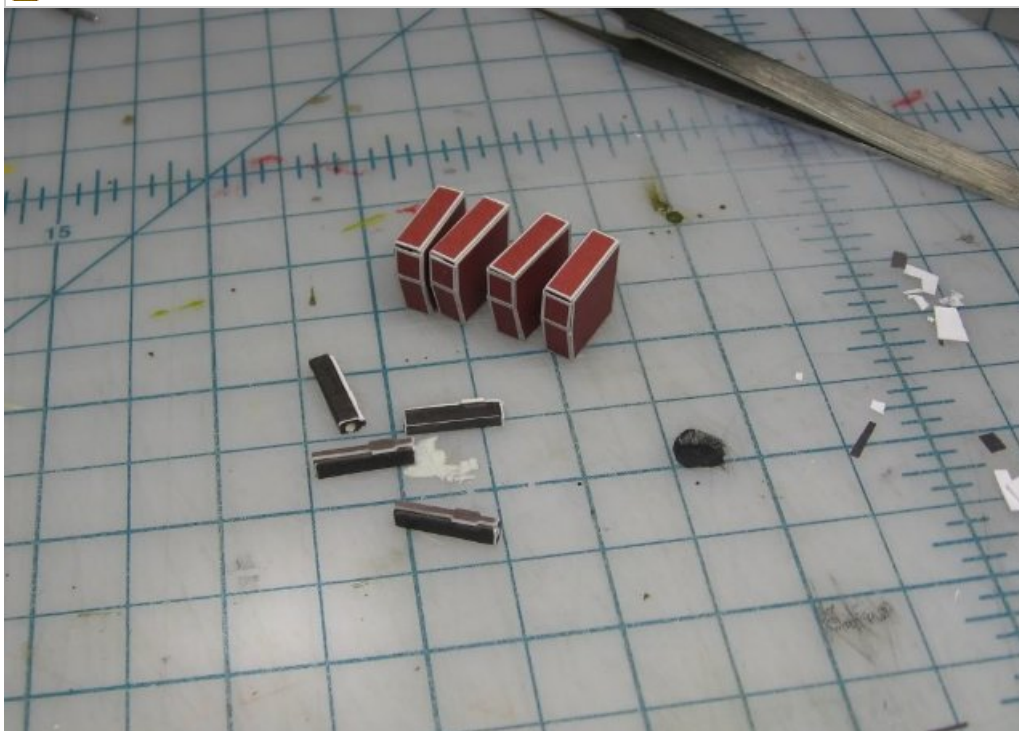
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Just a quickie update, nothing special. Making slow work of the innards of the gun nose. Ammo bins and .50 caliber bodies, all Orlik parts:

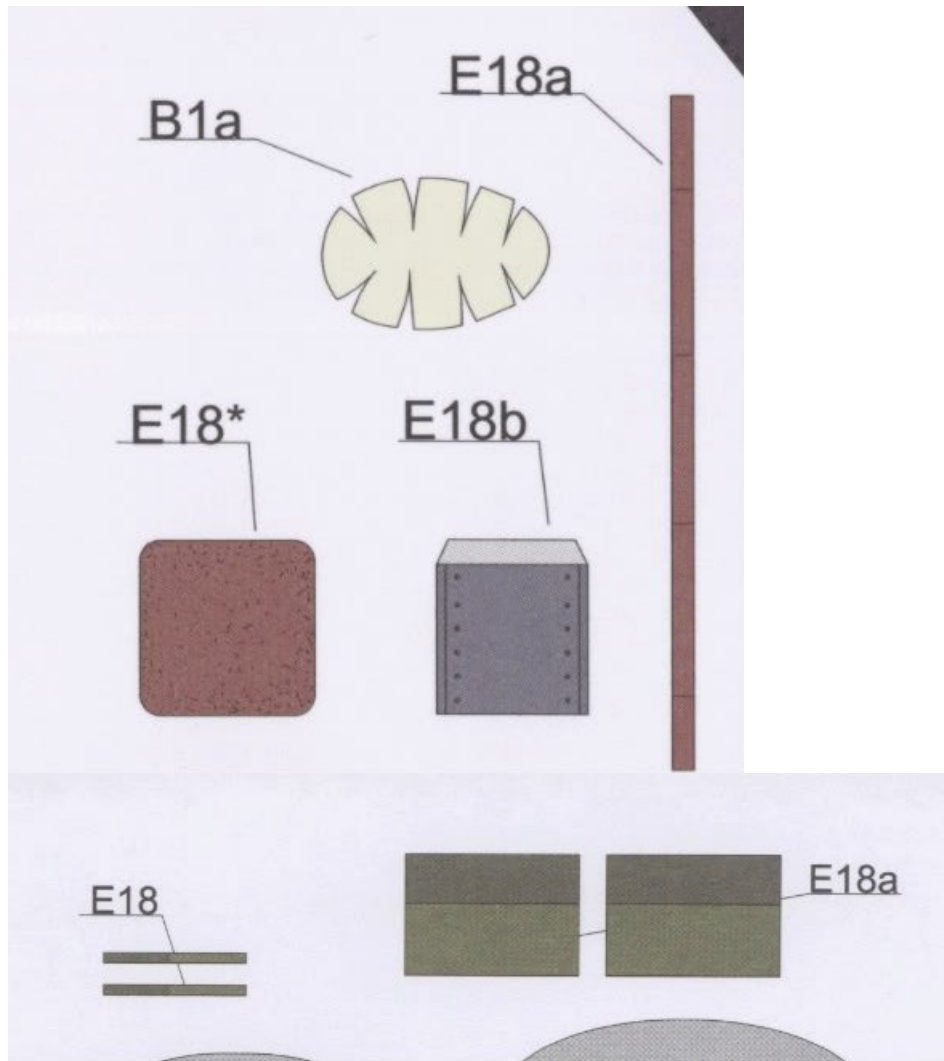
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x675.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.

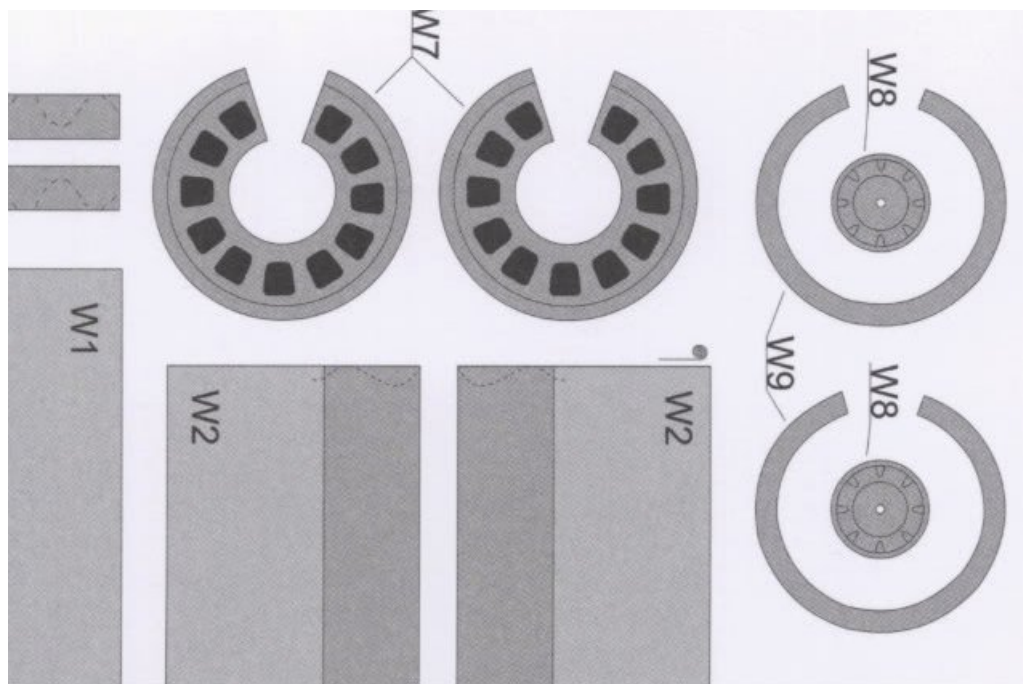


I had to print from scans the four little pieces on top of the guns as Orlik only gives two, when six total are actually needed (two more for the tail guns). Again, I think a lot of that stems from Orlik adapting an existing kit. Point in fact, here's some more parts from the kit:



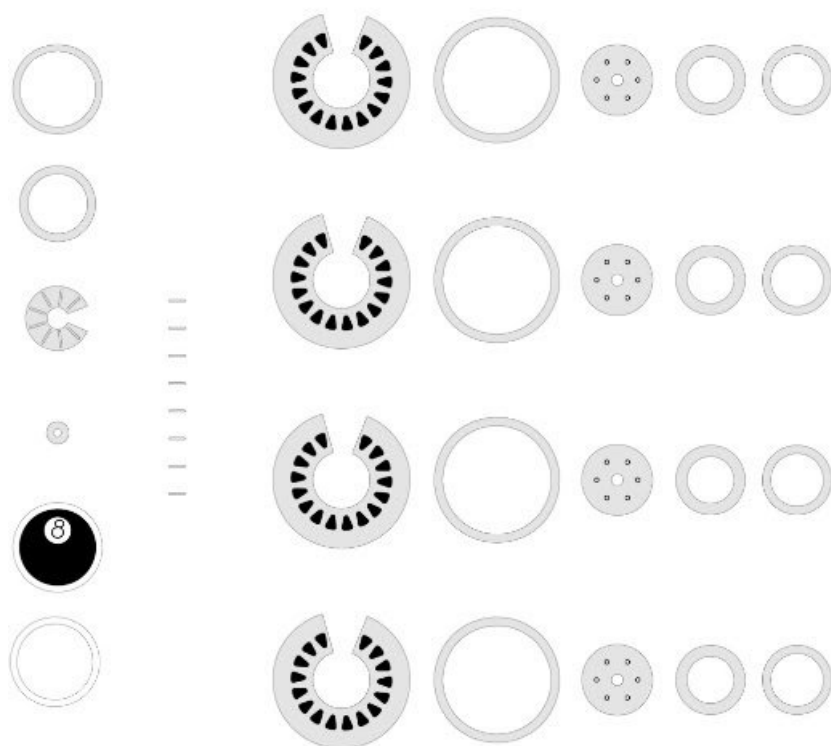
Which of the E-18's is the right one? Hmmmm...

Anyway, one area that is less than satisfying in the kit is the wheels, specifically the rims. Here they are with a shot of the real deal:





There just kinda-sorta representations, and oversized to boot. Seeing some of the completed wheels of other B-25J builds, they give the tires a distinct low profile look, like you'd see on those tricked out SUV's. So I worked up some new rims in CAD, to scale:



If anyone wants the full size PDF for your own Mitchell build, PM me. Also in the above to the left, you can see the "8-Ball" hubcap for the nose gear I made up from the photo Don Boose posted before on this thread:



Getting some stuff done....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 11-03-2009 at 08:27 PM.



kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Nice work on the "re-work" of the rims - this will make a big difference.

BTW, I know what you mean about the curse of having too much detailed reference material. When you find it, you MUST add it to the model! But the good news in this case, is you are just improving an already benchmark-setting model.

Great job in this thread... it definitely sets the bar high!

Ken



Don Boose

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Good work, Mike. I can imagine what those wheels will look like when you get done with them!

Don



rickstef
Administrator

Join Date: Jun 2007
Location: Wilmington Delaware
Posts: 1,974



Ya know....

When I look at this model, and the detail Mike is putting into it, and then look at some of the models I have made, I want to

crawl into a corner and suck on my thumb.....

World Class Craftsmanship Mike

Rick

"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo



[peter taft](#)
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Nice wheels Mike - they will sure look mighty fine when complete "love the 8 Ball" 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



[John Bowden](#)
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

Exactly! Rick. Ummm mine is starting to get all wrinkly.

Ok..... I foresee in our future (eyes closed, holding an uncut piece of card stock to my turbaned forehead).....

another fantastic use for solder..... air hoses on a B-25 wheel hub! 🤪

Thank you..... Thank you..... oh you guys are too kind..... no.....no..... no more fortune telling at this time.....
Thank you..... Thank you. Ok. OK!..... just one more.....

Never..... Ever..... bet against the Yankees in the World Series..... the odds are not in your favor..... Dam Yankee's..... just wait..... just wait..... I tell ya the Cubs are going to win the series.....next year..... you'll see..... and you better remember where you heard it..... yeah..... yeah..... that's right.....

Again this has been said many times..... and many different ways..... Great model build and instructional thread.

john

www.dgapapermodels.com

[My Drawings](#)



[Bomarc](#)
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **[John Bowden](#)** ↗

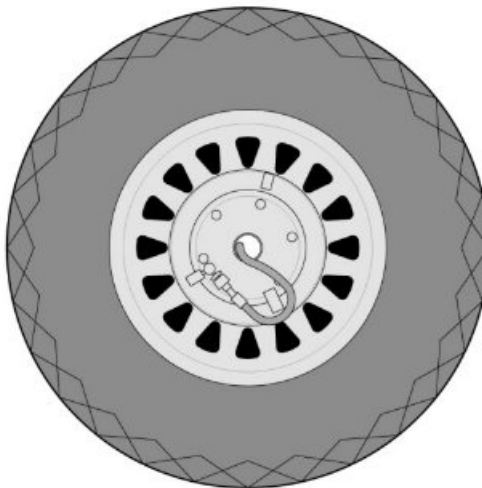
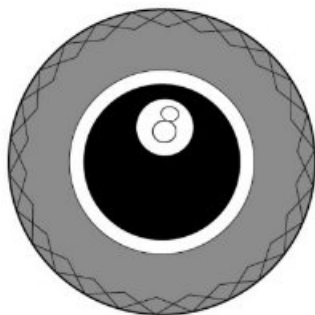
Exactly! Rick. Ummm mine is starting to get all wrinkly.

Ok..... I foresee in our future (eyes closed, holding an uncut piece of card stock to my turbaned forehead).....

another fantastic use for solder..... air hoses on a B-25 wheel hub! 🤪

Well John, as a matter of fact:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x524.

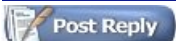


Finalized the wheel parts. Hopefully, the actual model assemblies will look somewhat like these.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51.sig.ipbfree.com/index.php>



« First < 8 48 56 57 **58** 59 60 68 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:55 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ©
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?
 Password

[Post Reply](#)

« First < 9 49 57 58 **59** 60 61 69 > Last »

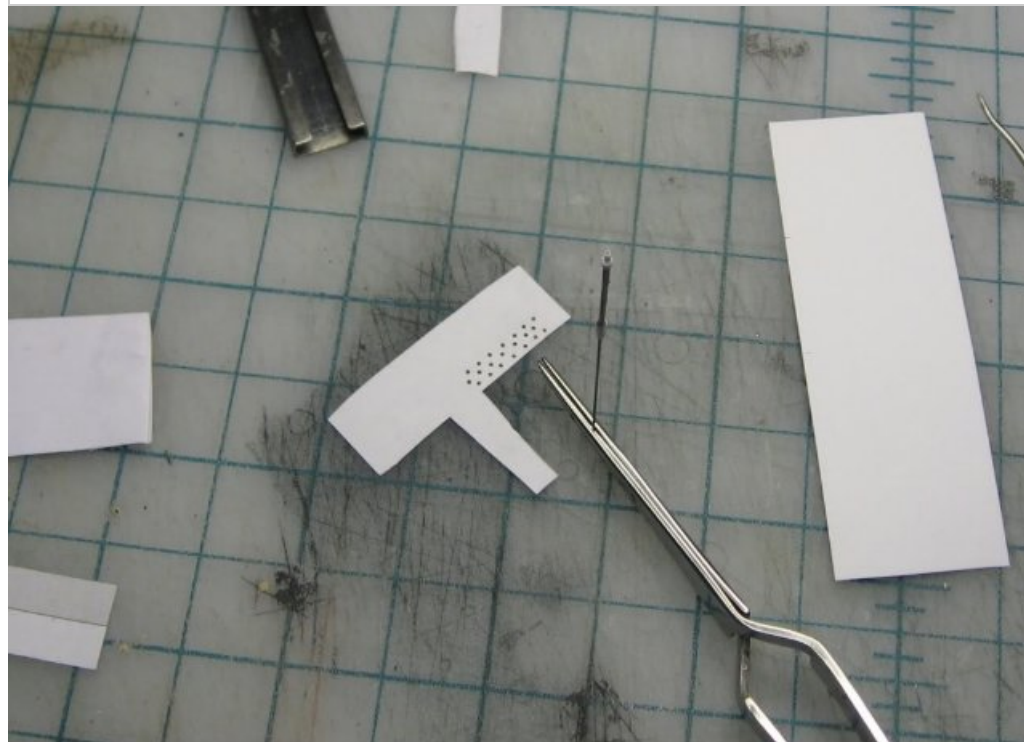


Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

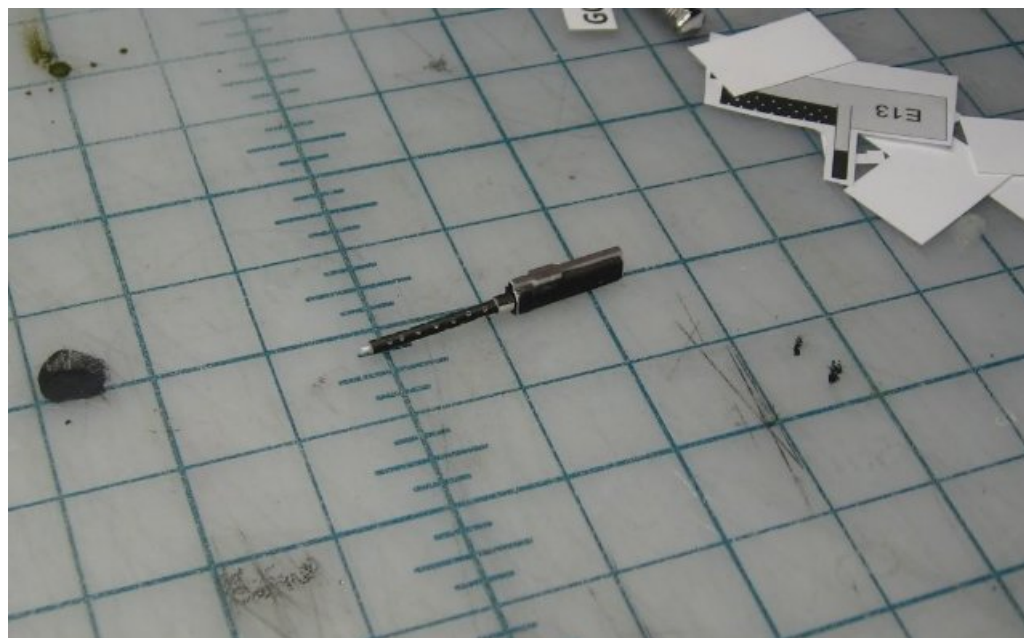
Tried my hand at making a .50 caliber gun barrel last night. My local hobby shop has piano wire down to 0.015" which is perfect to roll barrel tubes (0.5 inch in 1/33rd scale is 0.0151515...."):

This image has been resized. Click this bar to view the full image. The original image is sized 1022x737.




Also took some of the kit parts and punched the cooling jacket holes. I coated the backside first with a thin coat of Elmer's to keep the holes from fraying. Rolled that onto the tube, and using the same wire as a pin, connected it to the gun body I made the previous night:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x636.




You can see one of the kit parts (E13) in the upper right. Orlik give you nine of these even though you need just six for this PBJ. Either it's another carryover from the B-25J, or you get three extras for screwups. Touched up the edges with black paint (except the jacket holes):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x671.




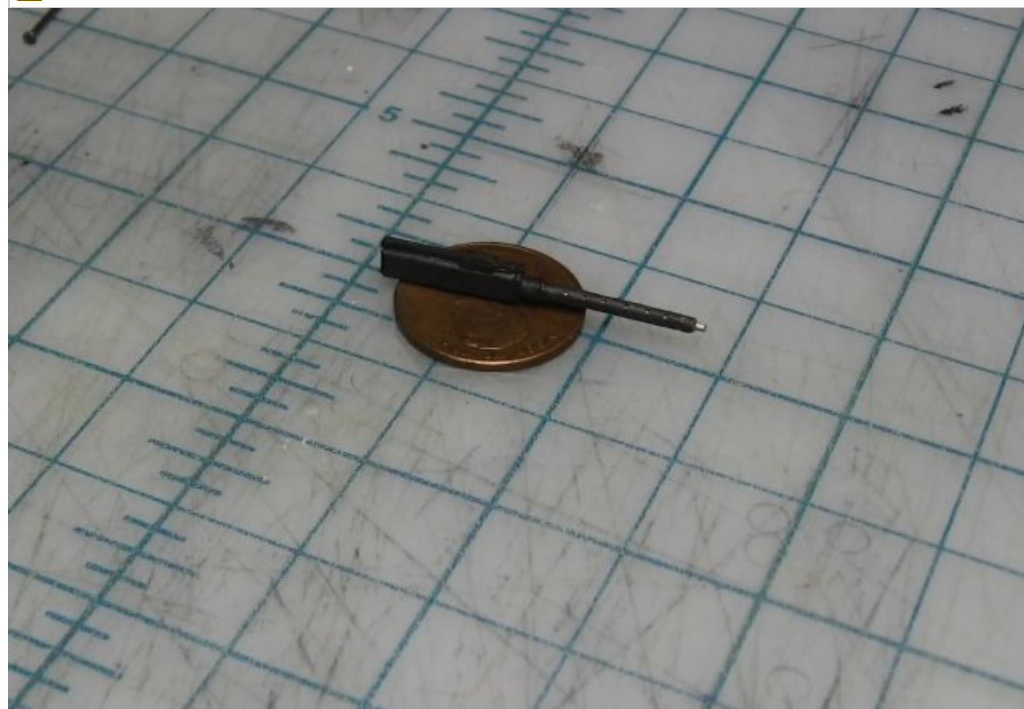
Took some graphite dust from a mechanical pencil pointer and with a cut down brush, gave the whole thing a heavy dusting:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x666.



That does two things: it evens out the black area, and gives it a metallic patina (not too apparent in the photos). Here's the obligatory penny shot :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x704.



Now to just make five more that hopefully match....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 11-05-2009 at 07:03 AM.



Clashster
Member

Join Date: Jun 2007
Location: The Conch Republic
Posts: 1,005

Great work! The attention to the little details is incredible! Great tip with the coating with glue before making the holes.... now if I can only remember that whenever the need arises! Thanks for an awesome thread!

Chris

Currently have way too many hobbies



Don Boose

Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,386

That's one beautiful Browning, Mike!

0.015" music wire is very useful stuff.

However, I find rolling paper around it to be very difficult. I think the main problem is lack of practice, but some day, I would love to watch you do it to see how you get the first cycle of wrap completed.

Pencil graphite is also useful stuff for drybrushing and giving a metallic gleam to stuff.

Don



Bomarc

Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 506

Actually Don, I don't roll it in the usual sense. I used the method I outlined waaaaay back in the beginning of this thread, post number #52 ([Orlik PBJ-1H Mitchell](#)). Instead of a drill bit in that post, I just used the 0.015" wire as the core. Once I made the tube, I moved the wire back inside the tube just enough from the front end to make it appear hollow.

Keeping the wire inside gives it some support and provides a means to connect the other end to the body.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 11-05-2009 at 08:50 AM.



**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **Don Boose**
That's one beautiful Browning, Mike!*0.015" music wire is very useful stuff.**However, I find rolling paper around it to be very difficult. I think the main problem is lack of practice, but some day, I would love to watch you do it to see how you get the first cycle of wrap completed.****Pencil graphite is also useful stuff for drybrushing and giving a metallic gleam to stuff.****Don*

Once again my visit here just made my day a whole lot better - Don's nailed it there... a fine piece of work Mike. The pencil graphite is truly marvellous, i use cotton buds to pick it up and apply to tyres etc, gives a great finish and with very little effort 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

**Don Boose**
MemberJoin Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

Duh. Not only had I read those posts, I had cut and pasted the description and saved it in my tools and techniques folder as "tube rolling Bomarc." Thanks for the reminder. Lot goin' on here just now with personal stuff, writing, course development, preps for adult kids visits and stuff. Got distracted and posted before thinking. ready fire aim. biza biza.

Anyway, the .50s are terrific!

Don

**birder**
MemberJoin Date: Jul 2007
Location: Liberty lake, wa
Posts: 1,978

Agree with Don those are the best 50 cal's I recall seeing. 😊

Glen

**B-Manic**
Nautica ModeratorJoin Date: Jul 2007
Location: Victoria, Vancouver Island, BC, CA
Posts: 2,364

Quote:

Originally Posted by **Don Boose** *That's one beautiful Browning, Mike!**0.015" music wire is very useful stuff.**However, I find rolling paper around it to be very difficult. I think the main problem is lack of practice, but some day, I would love to watch you do it to see how you get the first cycle of wrap completed.****Pencil graphite is also useful stuff for drybrushing and giving a metallic gleam to stuff.****Don*

Those 50 cal's are pretty amazing.

-
When wrapping paper around thin wire (or bamboo slivers which I have also done) I put a tiny bit of CA glue on the wire then position it on the paper. When the glue sets I trim off any excess paper at the edge. Don't use too much CA or it soaks into the paper making it difficult to get that all important first wrap tight and round.

-
Did I mention those are amazing 50 cal's. This whole build is pretty amazing and is a clear demonstration of what can be accomplished with paper.

The proceeds from sales at www.hobbyfactory.com support this forum!!



chiawatkom

Member

Join Date: Oct 2009

Location: Bangkok, Thailand near RTAF air base

Posts: 363

Dear Mike,

Just came back from the hill top with my enduro bike. The first thing to do was answered the questions then come back to reas your thread. Sir, I almost puked because I think I cannot be patience as same as you, OMG!



CharlieC

Member

Join Date: Jul 2007

Location: Brisbane

Posts: 918

Quote:

Originally Posted by **Don Boose**

Pencil graphite is also useful stuff for drybrushing and giving a metallic gleam to stuff.

Don

You can get really soft pencils at art supply shops - down to 6B (normal pencils are HB - the more Bs the softer the pencil lead) - that's so soft you can just use it like a normal pencil - and colour the part "metallic".

Regards,

Charlie



« First < 9 49 57 58 **59** 60 61 69 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:56 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 10 50 58 59 **60** 61 62 70 > Last »



pahorace 
Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 347

I followed this thread, do not comment because I do not know what to add to all the others that have been made. 😊
 I saved bookmark the thread because this is just a building yard of modeling.
 This is the modeling I'd like to do.
 Thanks for this detailed exposition.

Orazio


 Quote



Bomarc 
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **pahorace** 
I followed this thread, do not comment because I do not know what to add to all the others that have been made.

Grazie Orazio, my Italian compatriot (my grandparents came to the USA from a town called Sperlonga, which is right smack in the middle between Roma and Napoli. That was around 1910).

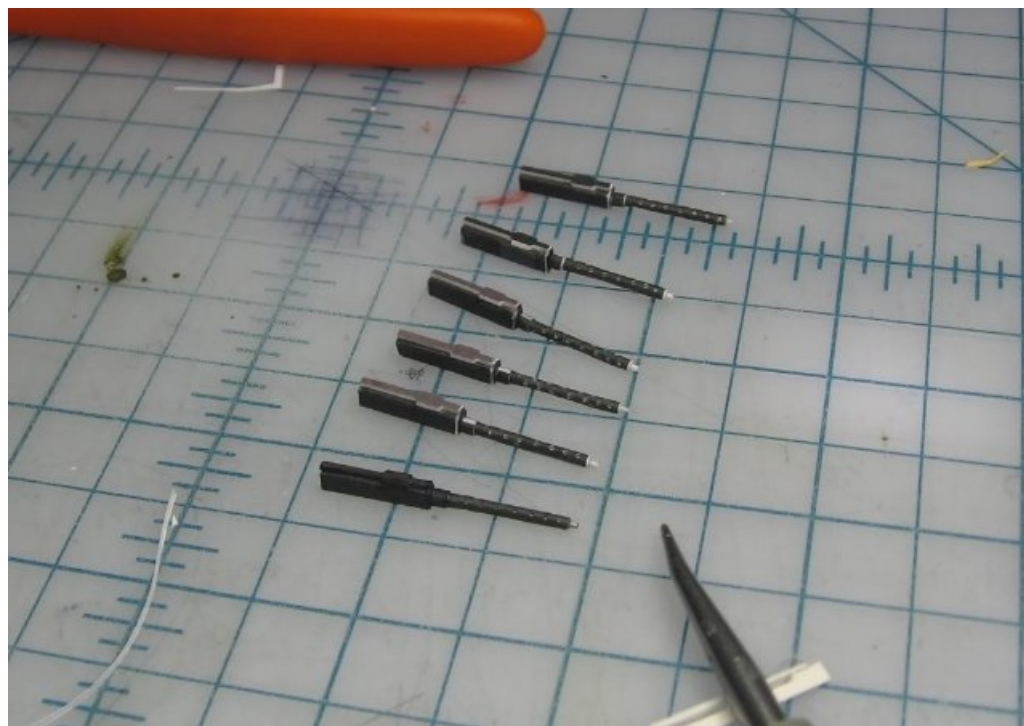
Quote:

Originally Posted by **pahorace** 
This is the modeling I'd like to do.


Well I hope my ramblings here will be a help to you in achieving your modeling goals. Let's see if we can get you a little closer.....

Just a hit and run post tonight. Now that I knew my methodology for making the Browning's was doable from the first one, the next five were easy peasy to make (just tedious, but in a fun sort of way):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721.




Paint and patina next. I took Charlie's advice above and used 6B pencil graphite. Now they really look metallic:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683.




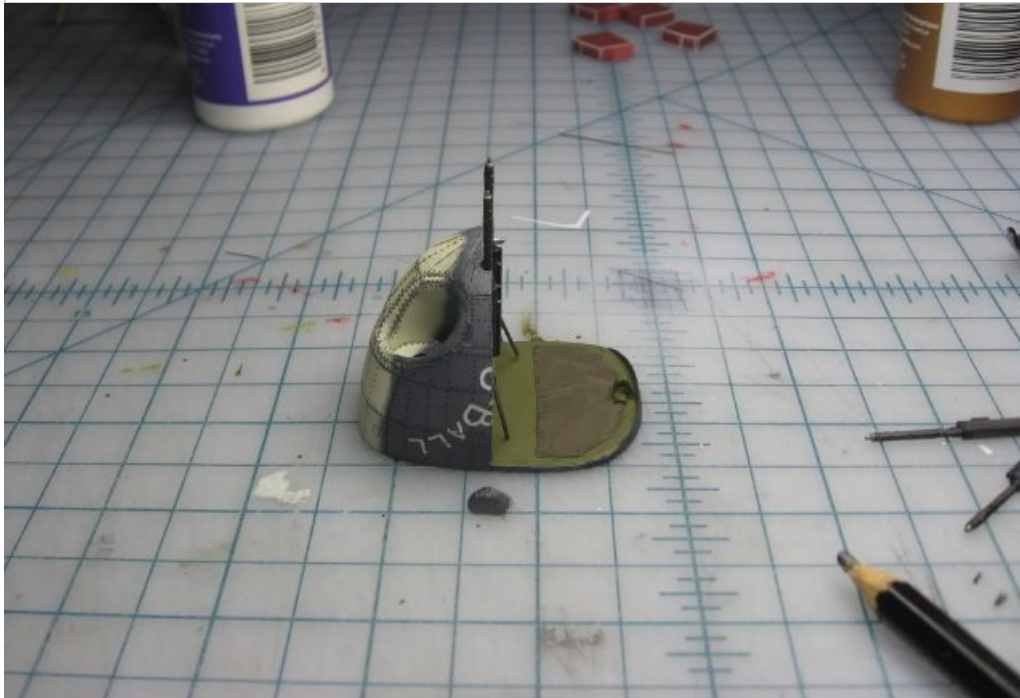
I then picked the four that matched the best and mounted the two outboard guns first, easy since they just go directly on the floor:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x751.







 This image has been resized. Click this bar to view the full image. The original image is sized 1024x698.

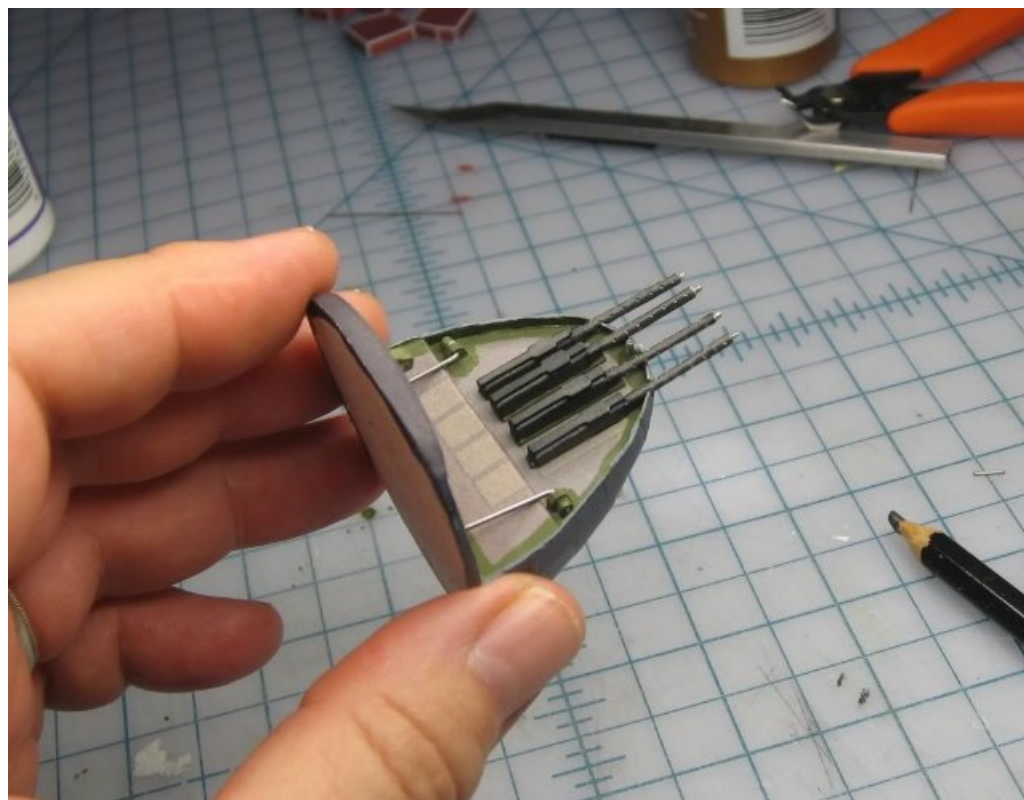


Surprisingly they line up and fit through the cutouts no problem. The inboard guns required a 0.5mm plinth, not nearly the 1.5mm thick piece Orlik would have you used:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x795.

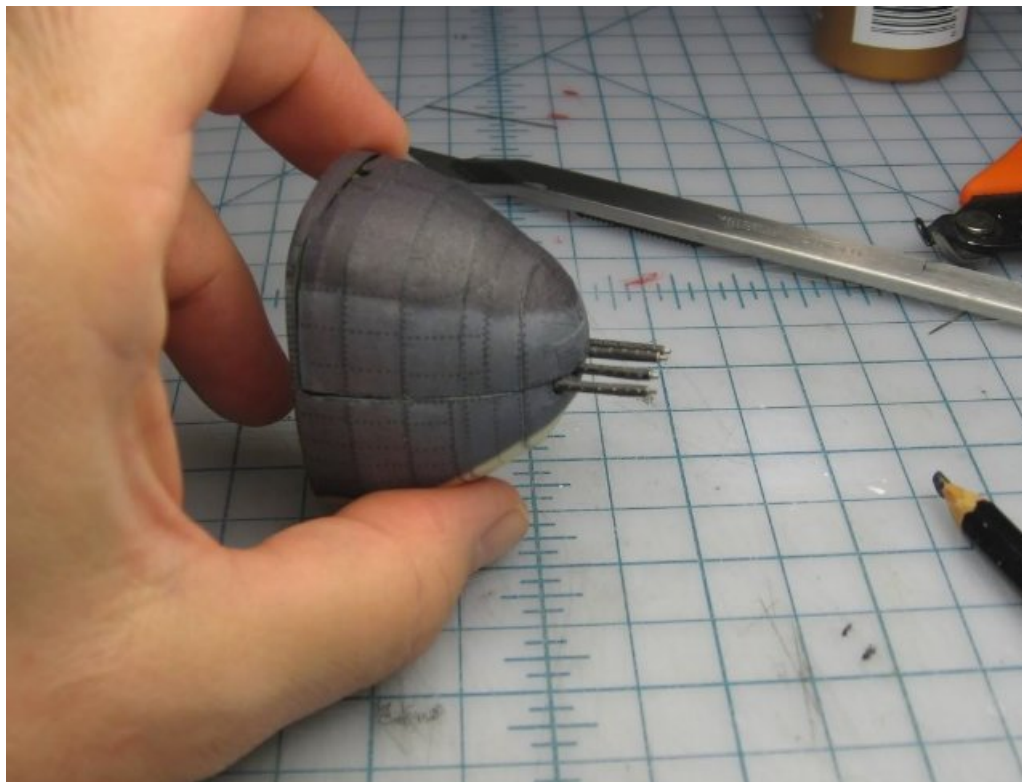


Yes! The hood fits over all the guns, no binding!

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x772.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x779.



The second gun barrel from starboard is going to need some adjusting, but it'll do. Sometime this weekend I'll add the plinths for the ammo bins, the bins themselves, and the belts.

Stay tuned....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 136

Currently involved in some AFVs work but this thread caught my eye & the dozens of pages swallowed the morning destined for my half-track.....! 🤔

This thread has been inspirational. Very grateful for the work put in to provide all these pictures / tips & tricks!

I want to ask if the Brownings will be zeroed in at the correct (scaled) range..?



<http://www.histwar.com/>



smyfe
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 229

[smiley-whacky084.gif](#)

Just about sum's it up

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS



kenlwest 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Mike,

OMG! Punching out the tiny machine gun barrel holes!

I can't remember ever seeing so much detail in a model before..

When you finish this masterpiece, you *MUST* find a way to get the general public to see this. This could be showcased in an IPMS article. It would surely turn a few heads! 😊


Ken

**chiawatkom** 

Member

Join Date: Oct 2009
Location: Bangkok, Thailand near RTAF air base
Posts: 363**The paper godfather**

Quote:

Originally Posted by **kenlwest** 

Mike,

*OMG! Punching out the tiny machine gun barrel holes!**I can't remember ever seeing so much detail in a model before..**When you finish this masterpiece, you *MUST* find a way to get the general public to see this. This could be showcased in an IPMS article. It would surely turn a few heads! 😊*

Ken

I agreed wholeheartedly, even I myself read his thread then, soon, afterward, I have to whip my eyes for what's Mike is doing!

Chaiwat Kosatanakom
Thai paper aircraft models inventor**John Bowden** 

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

Ok Mike..... when you are ready to zero those babies in let me know..... from what I have read it is something to see at night 🌍


Oh..... I forgot this is a MODEL THREAD!!!! (rats)

www.dgapapermodels.com[My Drawings](#)**Wily** 

Member

Join Date: May 2009
Posts: 152

Quote:

Originally Posted by **kenlwest** *When you finish this masterpiece, you *MUST* find a way to get the general public to see this. This could be showcased in an IPMS article. It would surely turn a few heads! 😊*

Ken

Yes, yes, yes. If this were on display at the local mall, I'd sit at the booth and hand out brochures.

And I HATE the mall!

Shoot, I'd collect tickets. And sell popcorn.

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



Bomarc
Member

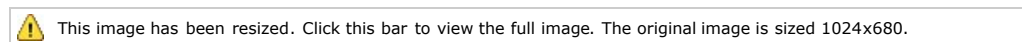
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Frankly, I really have no clue as to what I'll do with this finished beast, it's so damn big. I'll cross that bridge if/when it comes.....

Added the ammo bins. First was the base with the little plinths to raise the bins above the guns. Here's the assembly before edge touch-up:

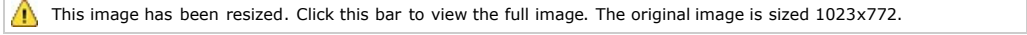
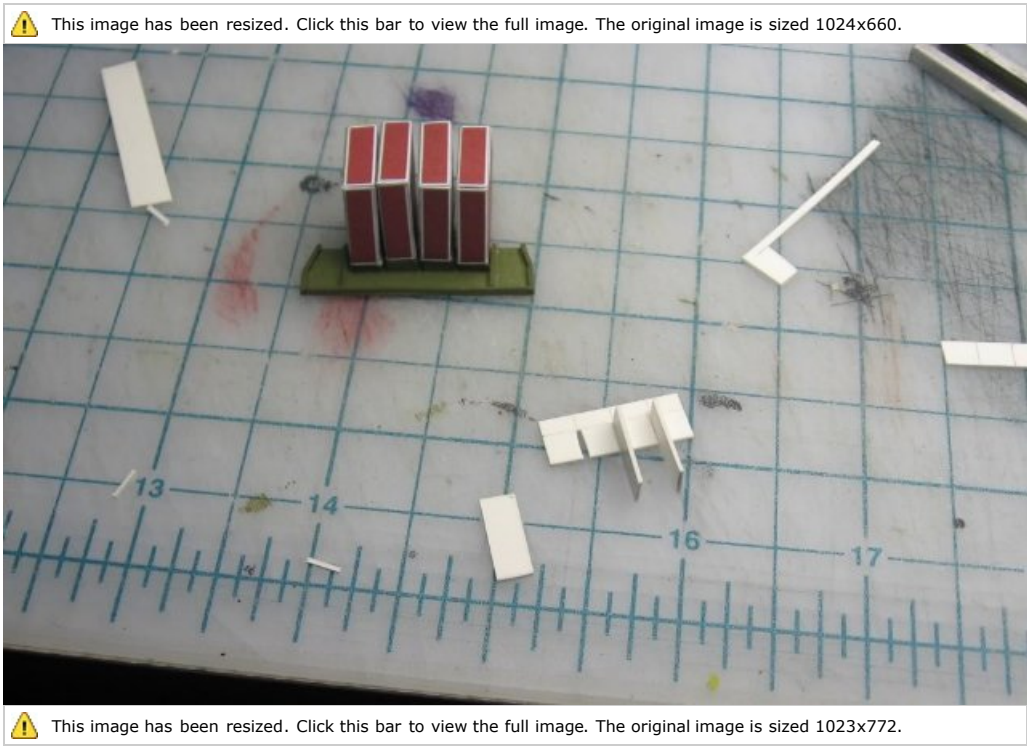


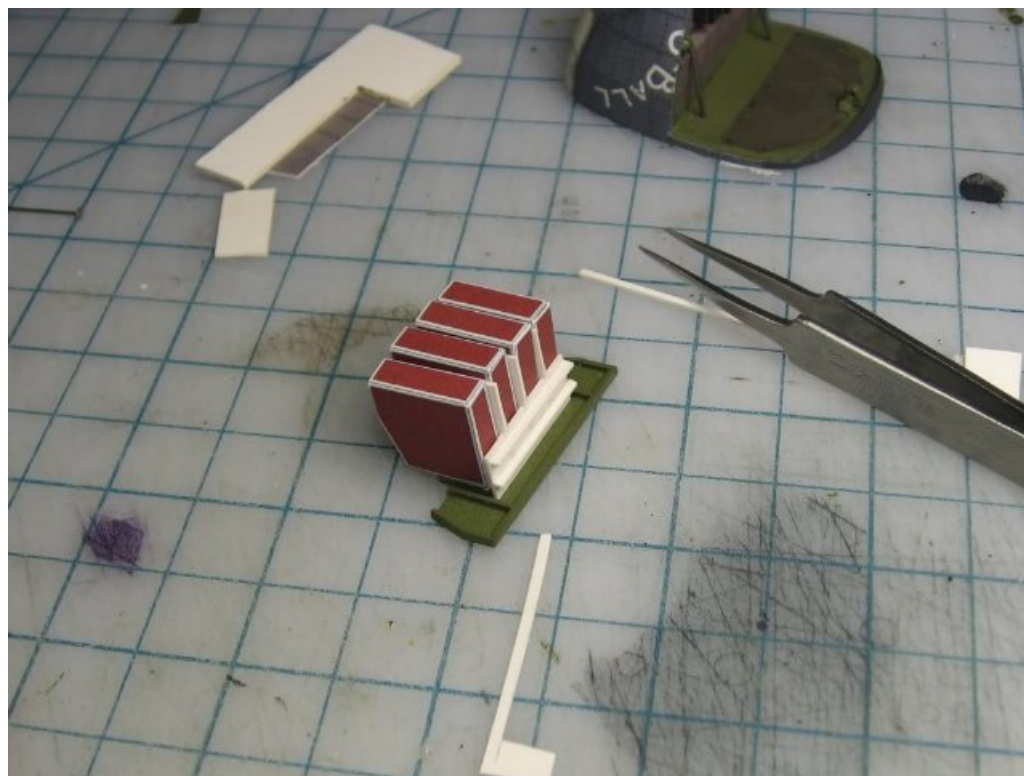
And here it is after touch up and the ammo bins attached:






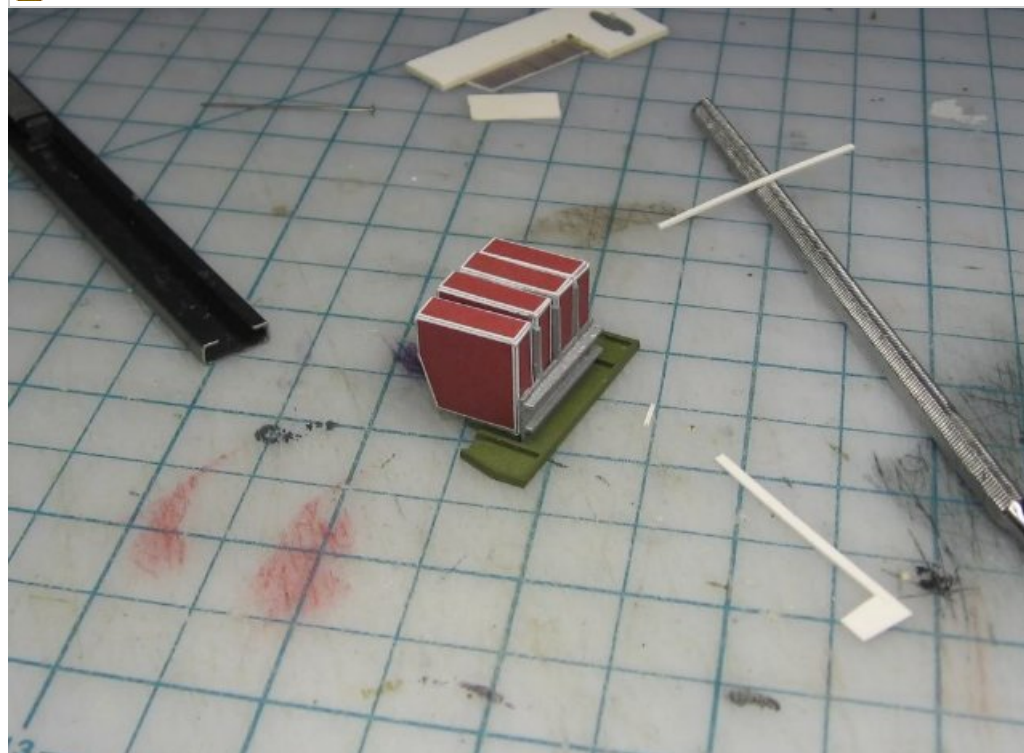
They were really all over the place in terms of alignment to one another, and I couldn't seem to get them right. To cure most of that, I finally decided to build a "strong back" fixture to add to the backside where it won't be seen (mostly):






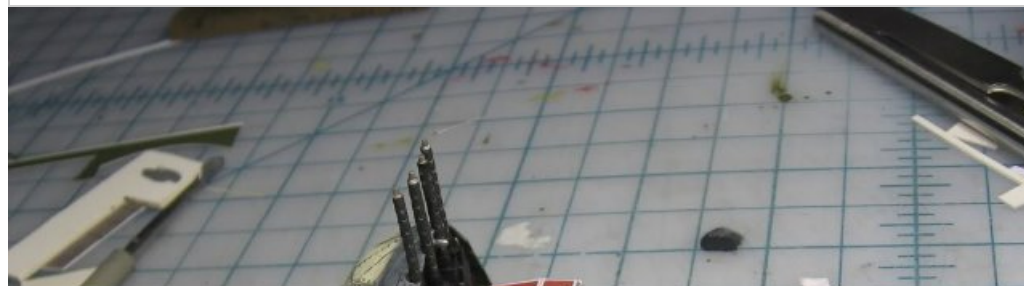
The blades fit in between and help equalize the spacing of the boxes to each other. Then I painted it silver to make it look like I meant it to be there, instead of a last minute fix:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x751.



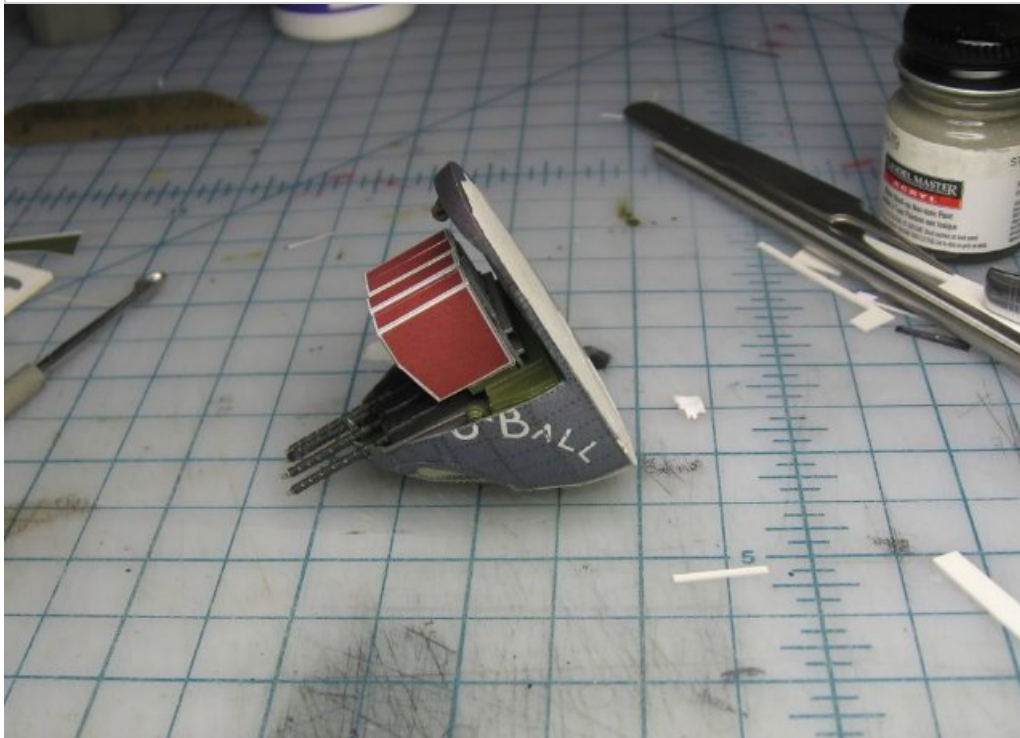
Seems to have helped. At least the bins look like they have actual support structure, instead of just being plopped on top of some square pieces of card:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x722.

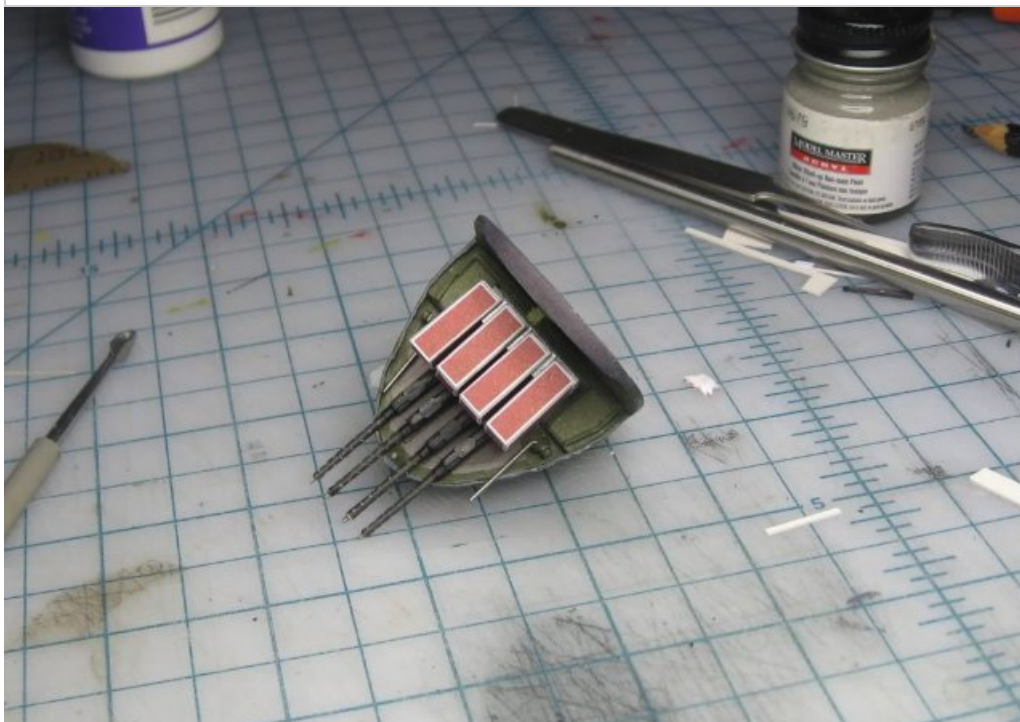




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x737.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x720.



With belts added next, should be all I have to cram in there.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



KCStephens
Member

Join Date: Dec 2007
Location: York, PA
Posts: 472

Great fix....You'd never know they weren't supposed to be there from the start.

Kevin Stephens



« First < 10 50 58 59 **60** 61 62 70 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:56 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Post Reply](#)

« First < 11 51 59 60 **61** 62 63 71 > Last »



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Superb work on this model as per usual Mike - your attention to detail is truly breath taking 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

[Quote](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Could have been a disaster

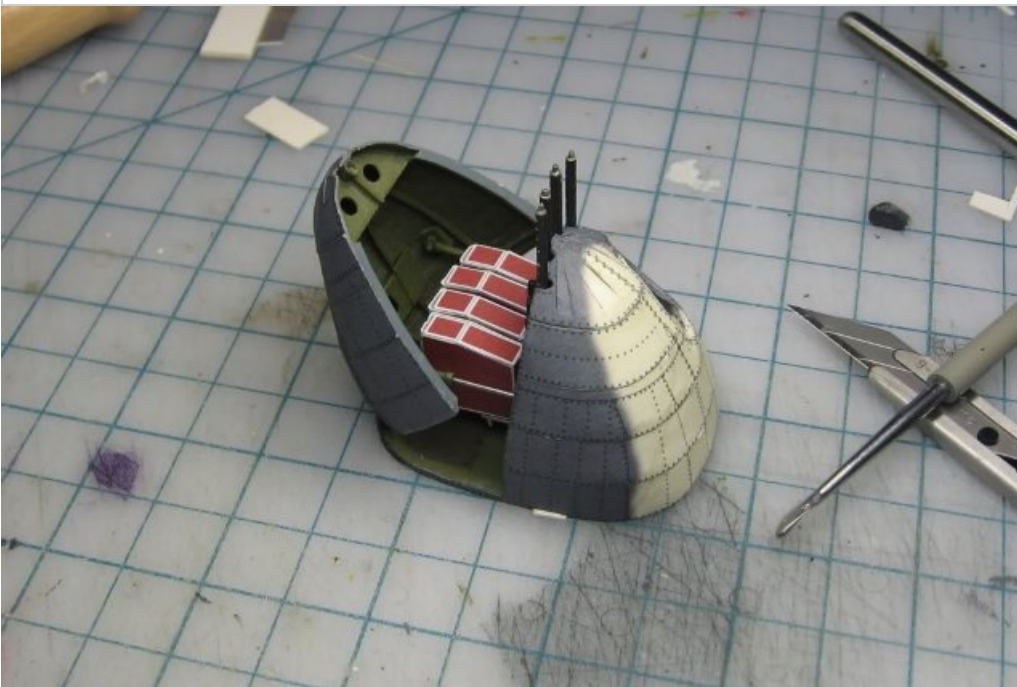
Quote:

Originally Posted by **peter taft**
..... your attention to detail is truly breath taking 😊

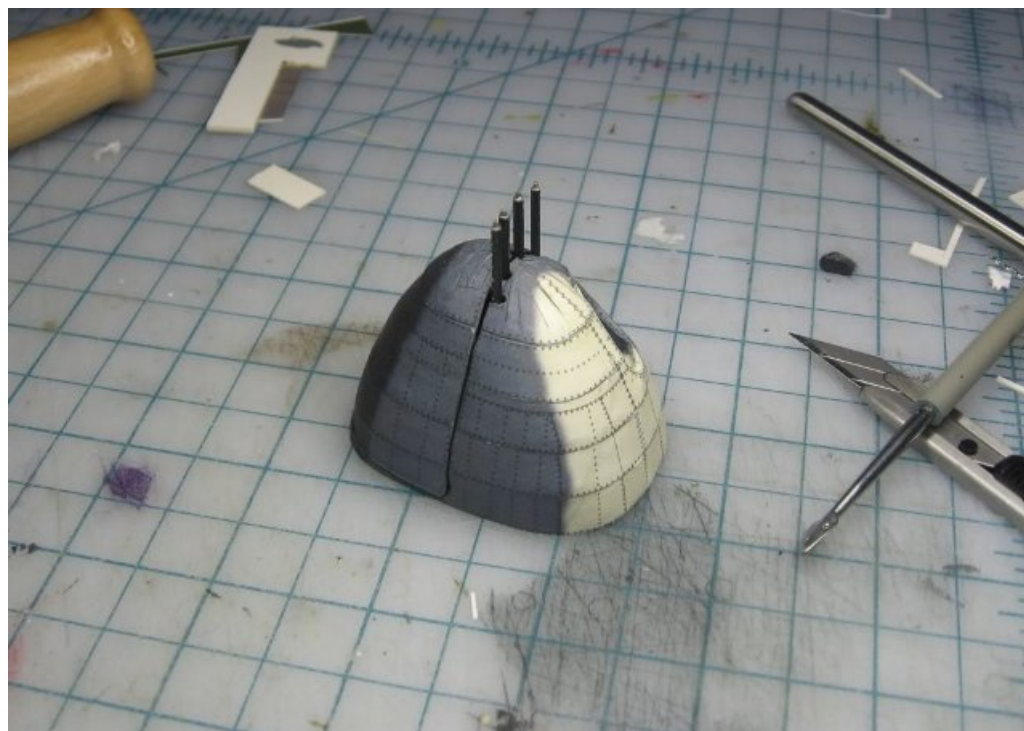
Well Peter, it was almost my undoing! As Rosanne Rosannadanna would say "It's always something"....

Before I get ahead of myself, since last night, I fitted out the hood to check if everything fits so far:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x686.

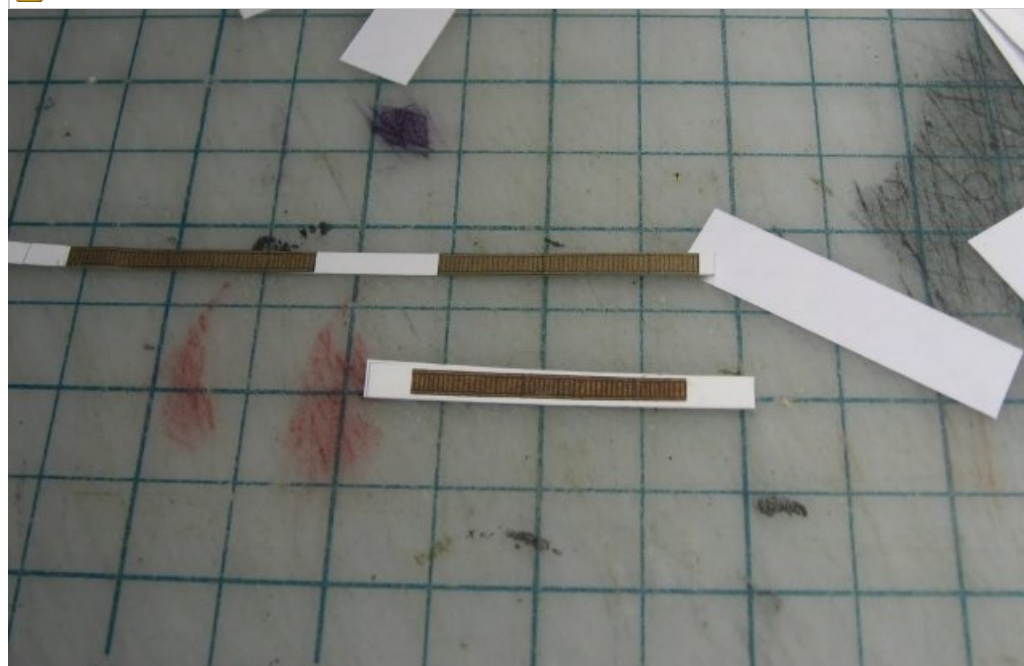


This image has been resized. Click this bar to view the full image. The original image is sized 1023x728.




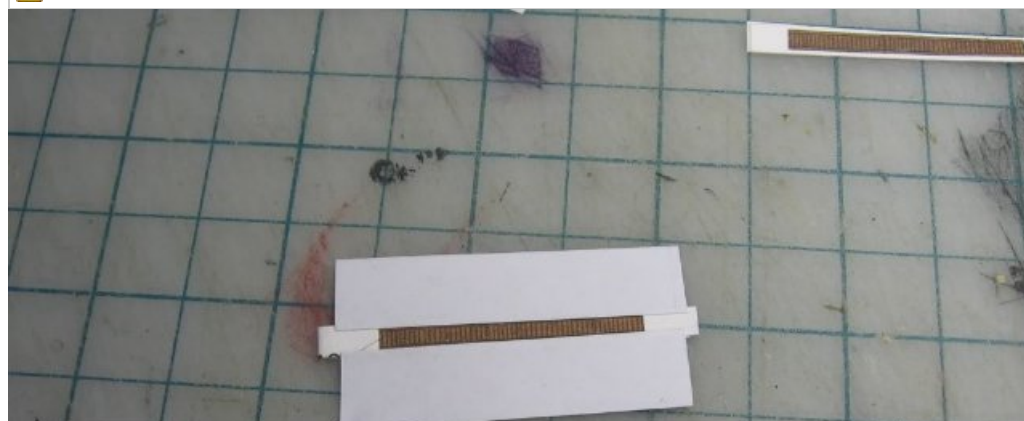
Good to go. So I started on the belts this morning. I didn't like the Orlik belts if only because I thought the color was a little blah. So I took my scans and punched them up in MS Picture Exchange:

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x658.




Also I wanted to include the actual tracks. Took some printer paper and glued it to all four sides of the belts using the line on the part as a guide. Then I cut off the excess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x688.







 This image has been resized. Click this bar to view the full image. The original image is sized 1023x721.

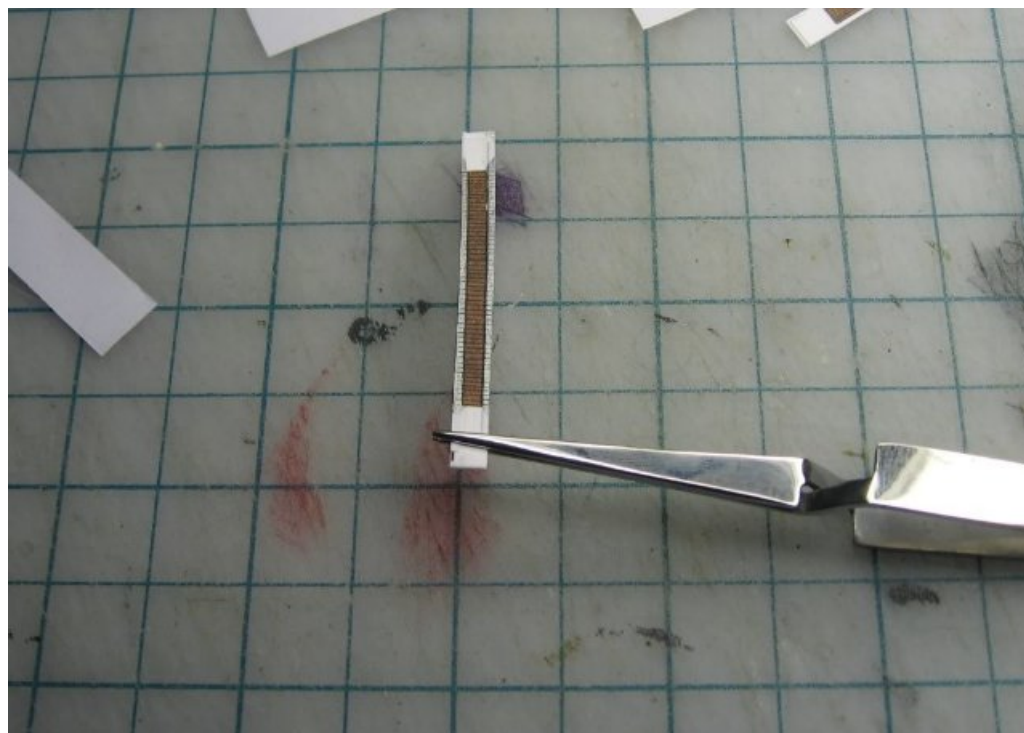
Then using the lines for my interval, cut a notch down each side (tedious alert!):




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717.

Painted it silver and these were ready to mount:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x729.

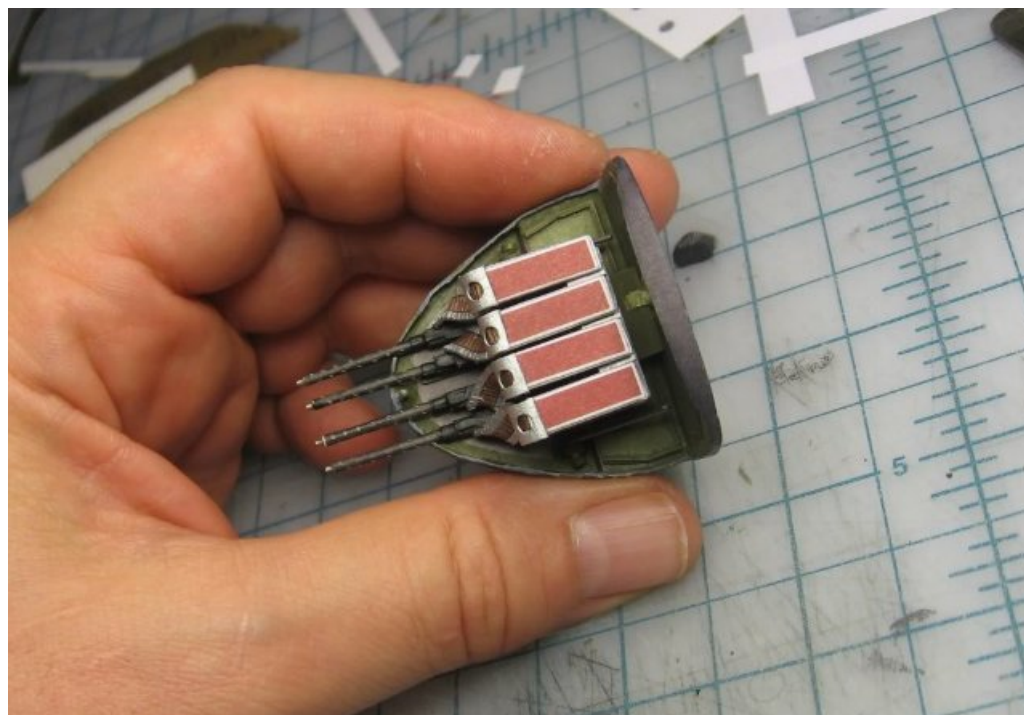


Mounted the belts, added some doo-dads on top and was ready to pat myself on the back:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x711.



Then I tried the hood again (begin ominous music). It would not close!!! Comes within 3/16 of inch, then stuck. Something was binding, but it's dark in there. How you supposed to see? I had no clue. Then I noticed there were two silver spots just ahead of the pivots for the arms. You can just see one of the patches of silver paint in this photo:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x773.




They obviously came from the freshly painted "doo-dads" of the bins. That meant the outboard bins were too high up. What to do? Well, I decided to remove their plinths. Surgery at its finest:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765.




Had to cut down the belts and a little bit off the backs of the outboard guns too. Heavy sigh.....

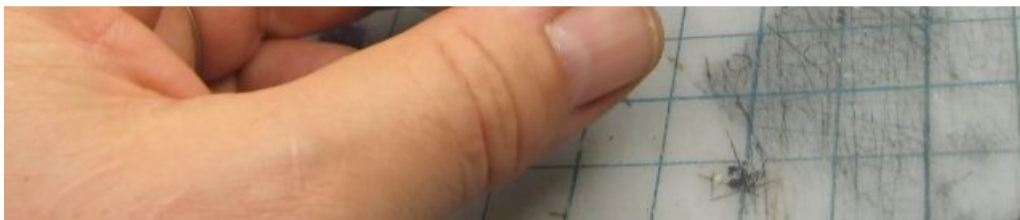
Got it all back together and it looks OK. Actually, it helped me a bit in one way, as the bin have a pretty good stagger to them, so now you really can see that in the revised configuration (how's that for spin?);


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.

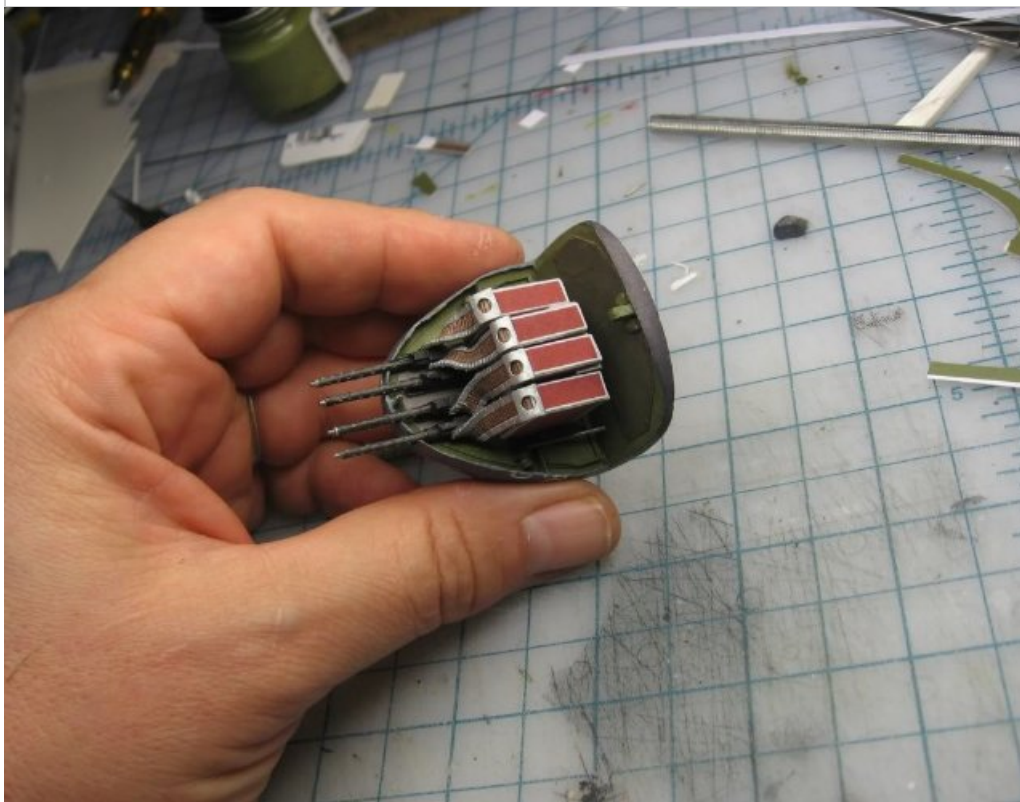


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.




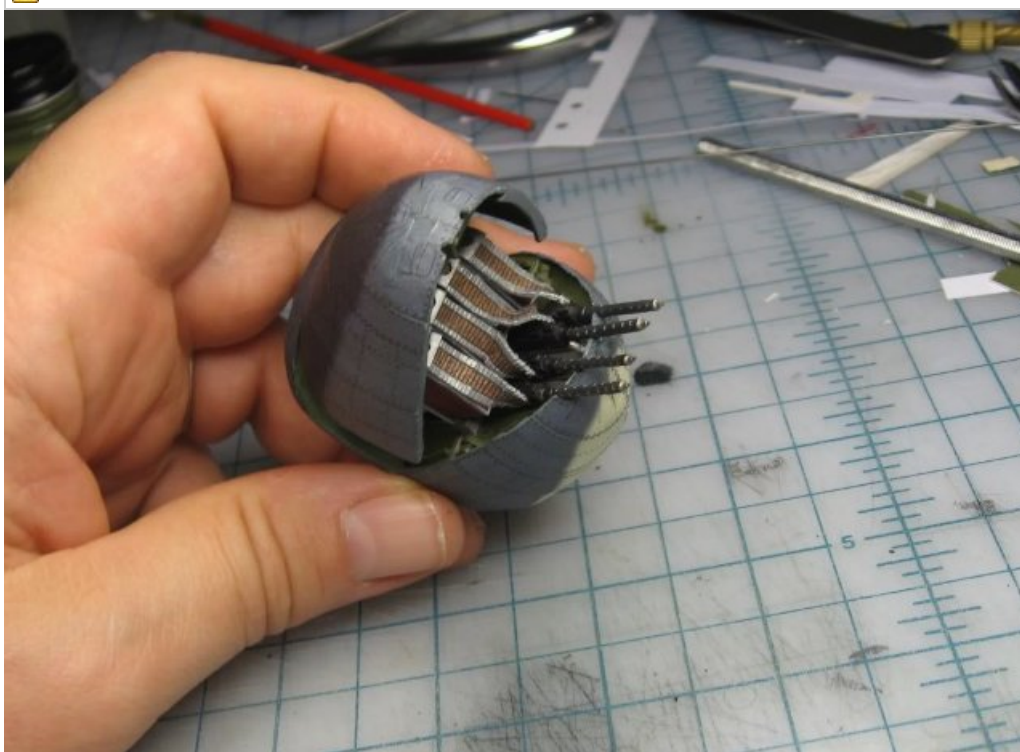



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x795.



In the last shot I added some last minute trim to the floor area just outboard of the guns. Put the hood on (hopefully for the last time), and that is that:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x744.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x778.




Ah yes, closure:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x792.



This is why you never do comparison shots of the real thing to your model (well at least for me). Kinda sorta close, I guess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x331.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

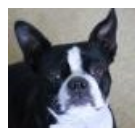


Don Boose Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,386

Incredible! The model holds up very well in the comparison photos and the chills and spills drama of the maloccluded doodads provided much entertainment as the sun sank in the west beyond the Conodoguinet outside the sunroom window.

Don



Papercut Member

Join Date: Dec 2008
Location : North Carolina
Posts: 1,113

Come on, you was a crew chief for one of these beauties????????????? Outstanding is all I gotta say about it. 🌍Rick



solo67 Member

Join Date: Nov 2007
Location : hadera israel
Posts: 103

F a n t a s t i c.....wow...this build is out of this world ...
you are an inspiration to us all .thank you for shering you build 😊😊😊

Moshe O



Retired_for_now Member

Join Date: Jun 2009
Location : NW Florida
Posts: 1,051

Inspirational! I'd suggest you drop by the Air & Space Museum and offer it for display when you're done (along with the - paper model - cover sheet).

Yogi



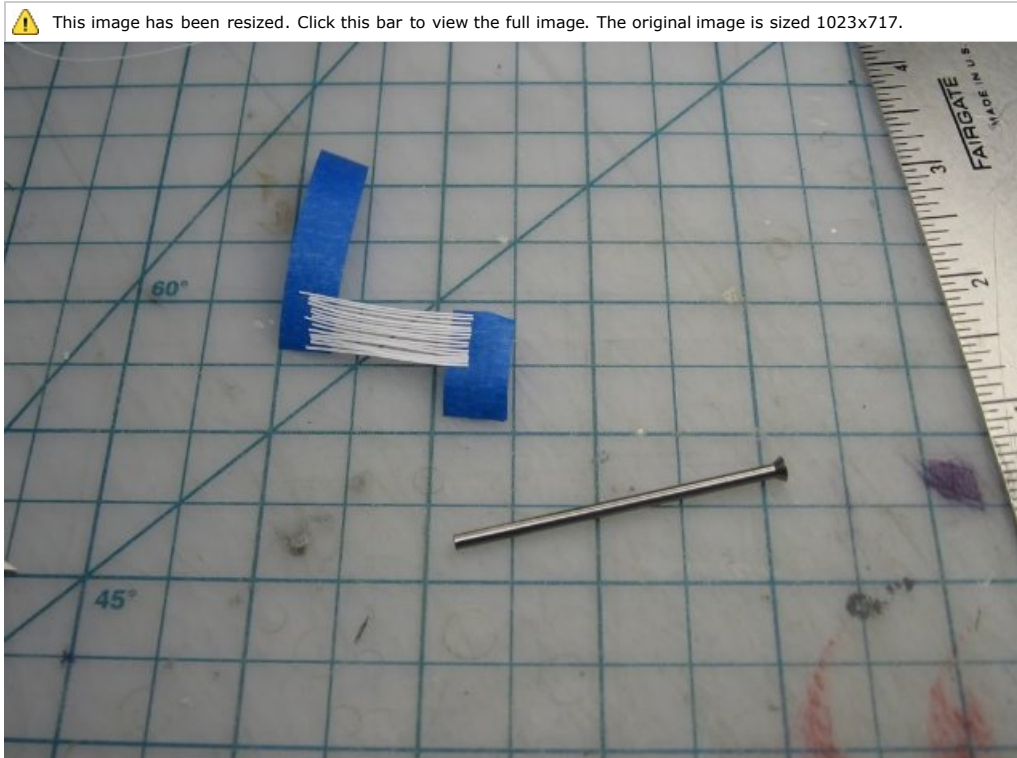


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks for the kind sentiment Yogi, but living not too far from both NASM's and knowing a lot of people who work(ed) there over the years, I think I can safely say they wouldn't want it for a variety of reasons. But I would like to unload this thing once it's done....so all suggestions welcomed!

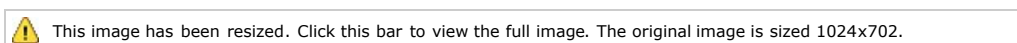
OK Herr Troll, this is for you. Took some tiny strips of paper and tape them as you see here:

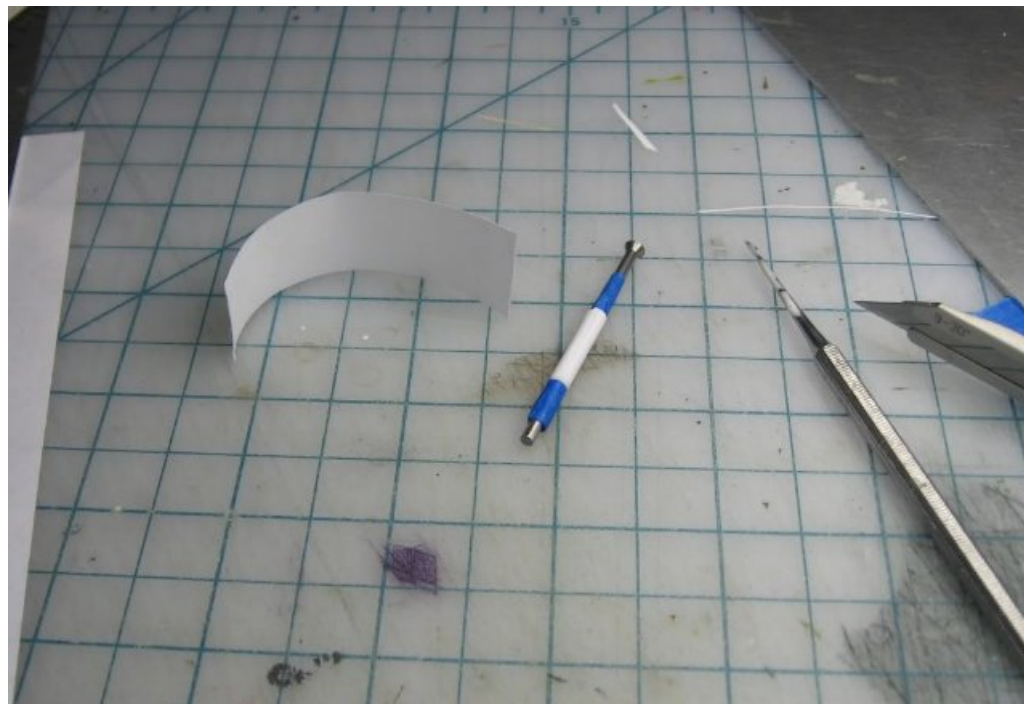


Wrapped that around a punch of suitable diameter (75mm in 1/33rd scale works out to 0.098" which is exactly the diameter of that punch from the Waldron set):




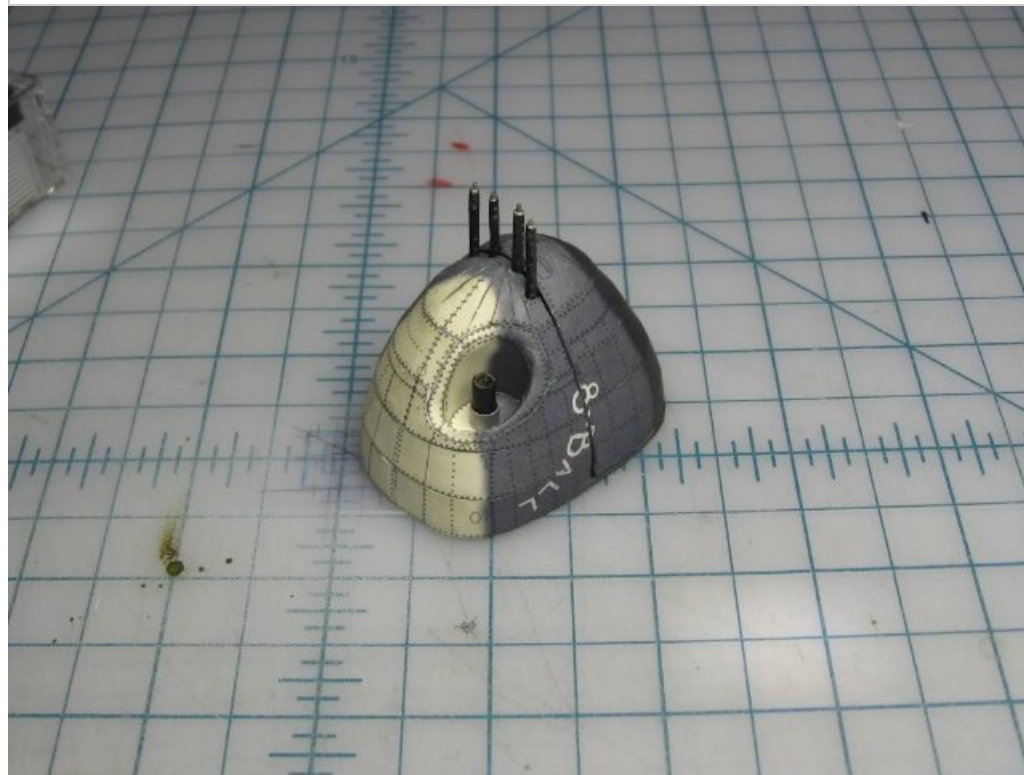
Put a little twist to it. Then wrapped a section of paper around that until I got to the final diameter I needed (approx. 0.125"):




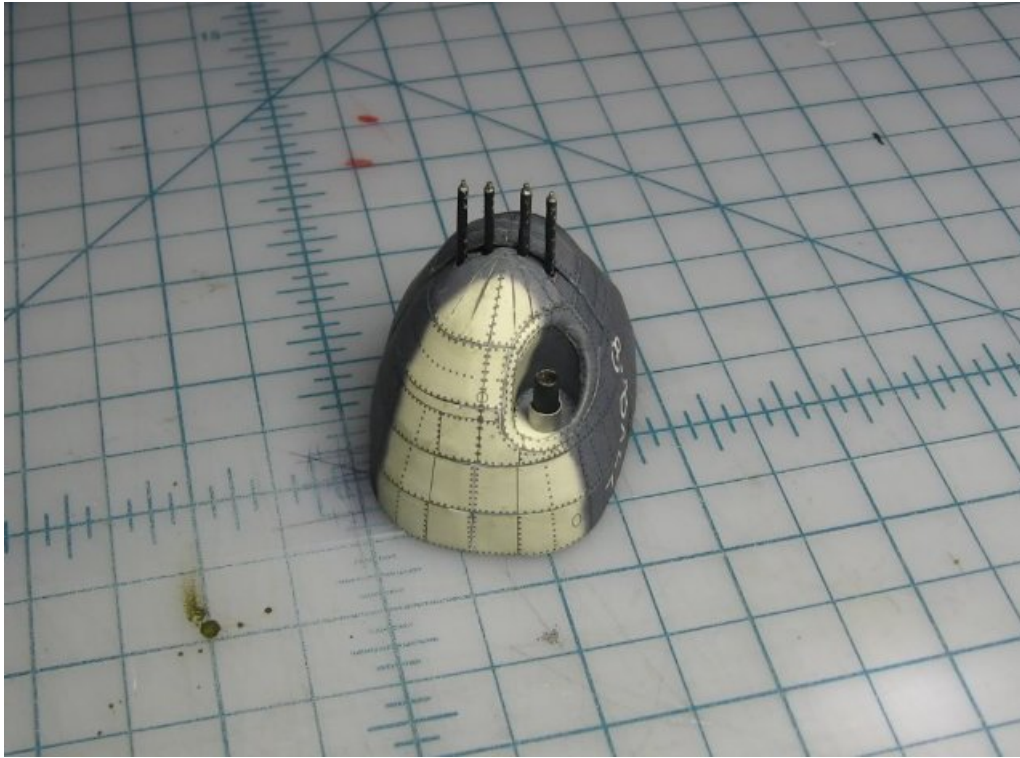


Presto! 75mm cannon muzzle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x775.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x755.



Can you see the rifling? Can you?



Well, no you can't. The strips got lost in the noise as it were. FAIL.

But I gave it the old college try, and the nose is DONE.....time to move on to the cockpit.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

My picture shows the rifling. Well done! I sob in despair as yet another reminder of my lack of modelling skill is placed before me..

Ray

Don't squat with yer spurs on.....It's gonna hurt





John Bowden
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

Hey Tex..... don't cry too much. At your build scale it would require a neutron microscope to see the rifling you put in there. 😊

www.dgapapermodels.com

[My Drawings](#)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Abso-bloody-lutely BRILLIANT ! and now onto the area i have been REALLY looking forward to... The COCKPIT, with what Mike has done with this model so far, i imagine this will AWESOME, Mike.. don't fob us off with REAL pictures - actually build this out of paper please 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



« First < 11 51 59 60 **61** 62 63 71 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **Off**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:57 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 **Post Reply**

« First < 12 52 60 61 **62** 63 64 72 > Last » ▾



Retired for now 
 Member

Join Date: Jun 2009
 Location: NW Florida
 Posts: 1,051

Easy fix for rifling (your technique is genius!). Try alternating strips of slightly different thickness to make the lands stand out.


Yogi

 **Quote**



pahorace 
 Member

Join Date: Apr 2008
 Location: Italy (Sicily)
 Posts: 347

Hello Mike,
 that of the rifling, not me I never dreamed of! 
 It's shocking because you can apply to other areas such as bent or shaped tubes, etc.
 Thanks for all these ideas.


Orazio

 **Quote**



birder 
 Member

Join Date: Jul 2007
 Location: Liberty lake, wa
 Posts: 1,978

Awesome ingenious and wow! 

Glen

 **Quote**



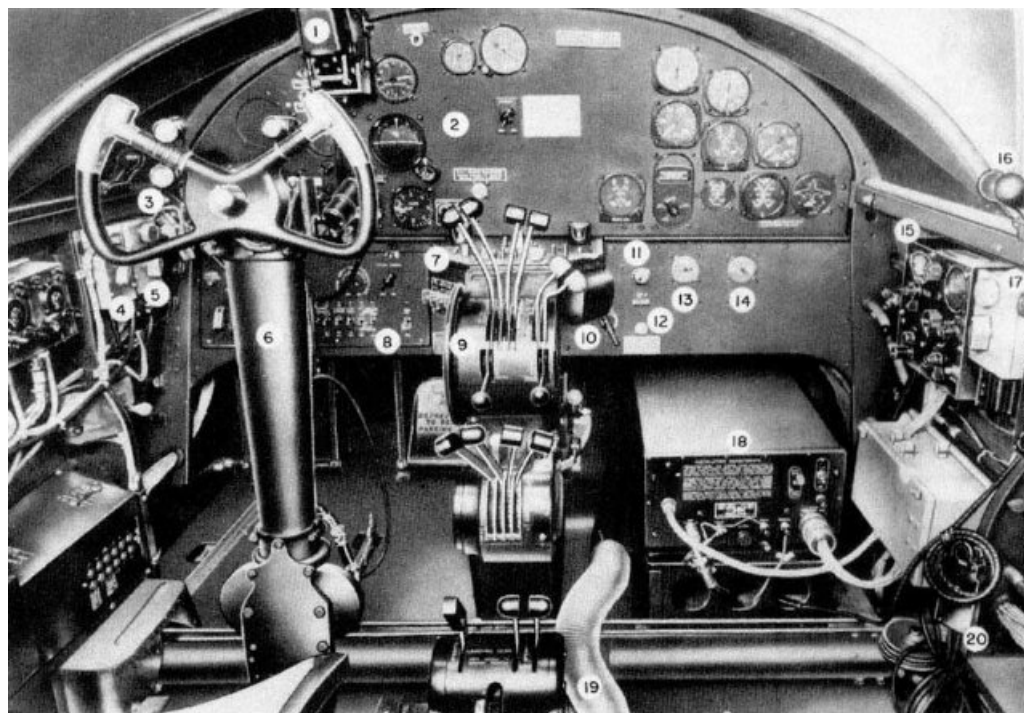
Bomarc 
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506


Took a little break this week, but was back at it tonight. I wrote before that the cockpit would be next, and next it is, starting with the instrument panel. I think a well done IP sets the tone for the rest of the cockpit in a model. We'll see how I do (I know Peter's watching.....)

From the PBJ website, a picture of the real deal:


 This image has been resized. Click this bar to view the full image. The original image is sized 840x582.



There's a mix of surface mounted and flush mounted instruments, and you can see an unused cutout blanked off in the upper left just above the control yoke. Since the printing is pretty crisp in the Orlik kit, I'm using it as my base layer, and I printed out a few copies of it from my scans (extras for screw ups). Cut one out and started punching out holes:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x742.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x690.




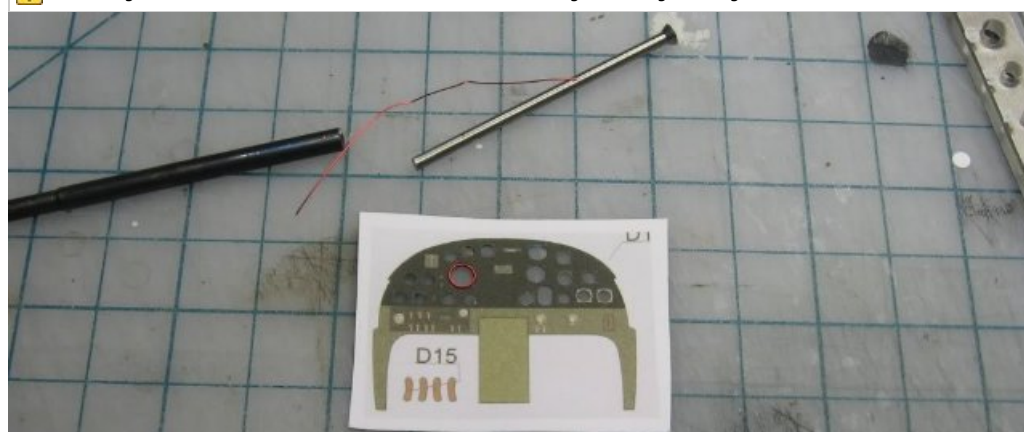
In a nice surprise, the holes line up with the original part:

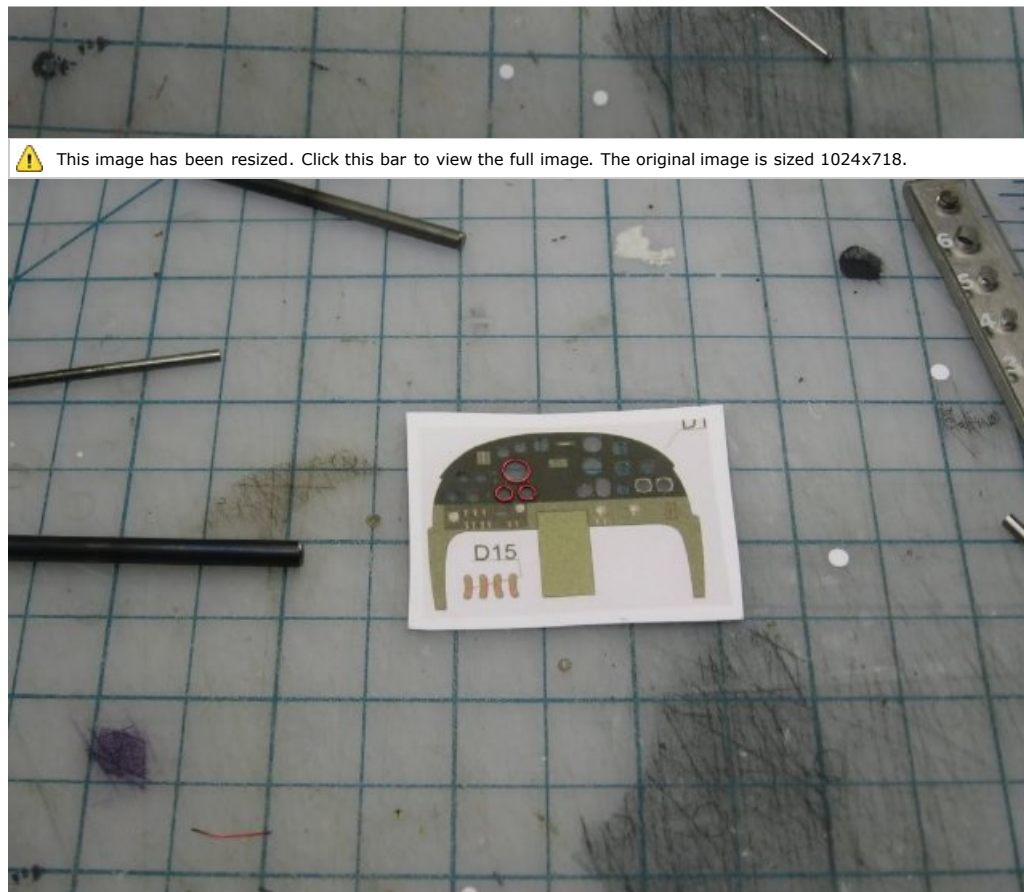
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x715.



Then, to simulate the flush mounted bezels, I took some fine copper wire I had lying around the garage and small rings using the corresponding punch as a mandrel. I used super-glue to keep each in place:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x707.






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x718.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x705.

I started working on a sheet of white paper as it was getting hard to see the holes line up with the rings on my mat. I then added card to simulate the surface mounted variety of bezel:




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x659.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x690.




Painted the whole thing flat black :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x684.



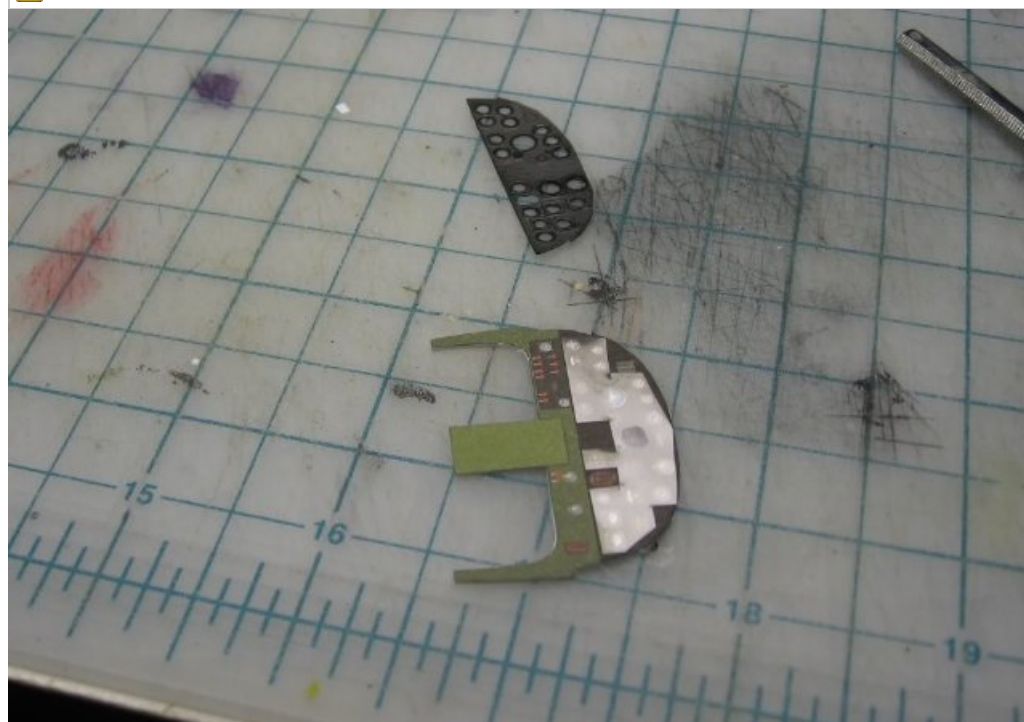
Did the graphite rub to bring out the sheen :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x656.




Then took some page protector material (same as the landing lights way before), and cut it out thus to give me some areas that will be a paper to paper bond when I sandwich this mess together:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.




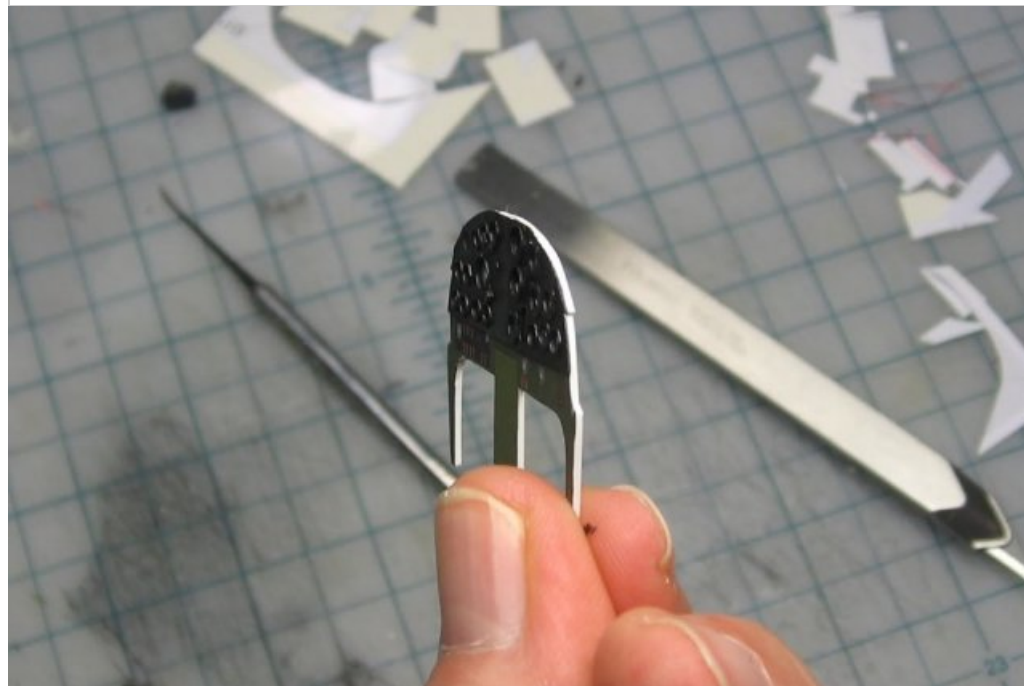
And here's the sandwiched mess, complete with the unused blank in the upper left:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x695.



From the side the wire seems to adds the right amount of relief without protruding too much:

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x682.



Ain't cockpits fun?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,269

That's the best instrument panel i've seen. Great work 🍷🍷



**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

OMG 🤩 I echo what Willygoat said " **That's the best instrument panel i've seen.**" talk about another level - this is several 😊 lovely work Mike 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

**dans1**
Aviation ModeratorJoin Date: Jul 2007
Location: Mt. Prospect, IL
Posts: 2,924

It's so nice to see another American building at the master level that we see out of the Polish and German forums - excellent build and tutorial on how you are doing it! Maybe one day I'll get there 😊

-Dan

Remember that proceeds from sales at www.hobbyfactory.com are used to pay for Paper Modelers.com!!

**Texman**
Lilliput TransportationJoin Date: Jul 2007
Posts: 694

Sweet job Mike!

Ray

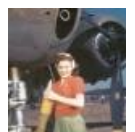
Don't squat with yer spurs on.....It's gonna hurt

**Zathros**
MemberJoin Date: Jul 2007
Posts: 1,163

Quote:

Originally Posted by **dans1**
It's so nice to see another American building at the master level that we see out of the Polish and German forums - excellent build and tutorial on how you are doing it! Maybe one day I'll get there 😊

I surely agree with that stament. It is one of the best I have seen and your tutorial on how you did it genius. If you put wires out of the back I would swear it worked too.

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks gents. Hopefully stating the obvious, but about the only hard part of the whole process above is having a fancy punch set available, and Jason (jmcdermott) can even help you with that 😊. Everything else was common stuff found around the house. The wire is from a left over spool bought from Radio Shack for my kid's science project one year. I think it 0.10" dia, plus or minus.

Quote:

Originally Posted by **dans1**

It's so nice to see another American building at the master level that we see out of the Polish and German forums -

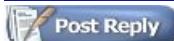
Don't forget the Russian forums too, but why should those guys have all the fun? I say we give them a run for their money here on PM.com.....who's with me?!! 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 11-14-2009 at 10:31 AM.



« First < 12 52 60 61 **62** 63 64 72 > Last »

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:57 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

Post Reply

« First < 13 53 61 62 **63** 64 65 73 > Last »



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **Bomarc**

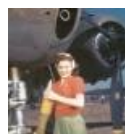
*Don't forget the Russian forums too, but why should those guys have all the fun? **I say we give them a run for their money here on PM.com.....who's with me?!!*** 😊

Mike

Hell YES! 🇺🇸

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

Quote



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

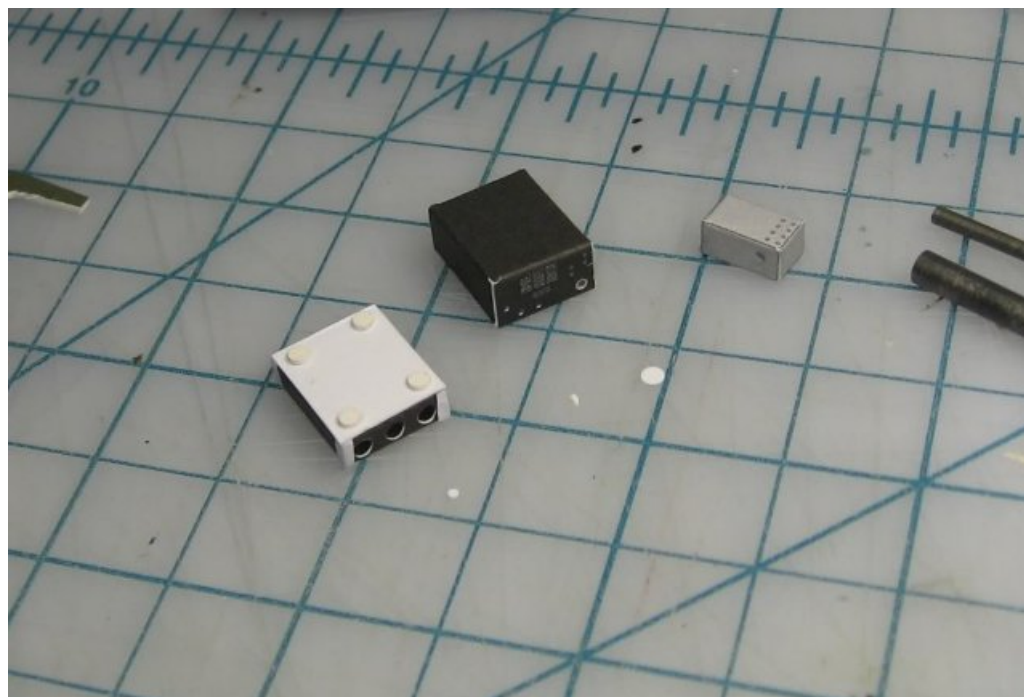
Originally Posted by **peter taft**


Hell YES! 🇺🇸

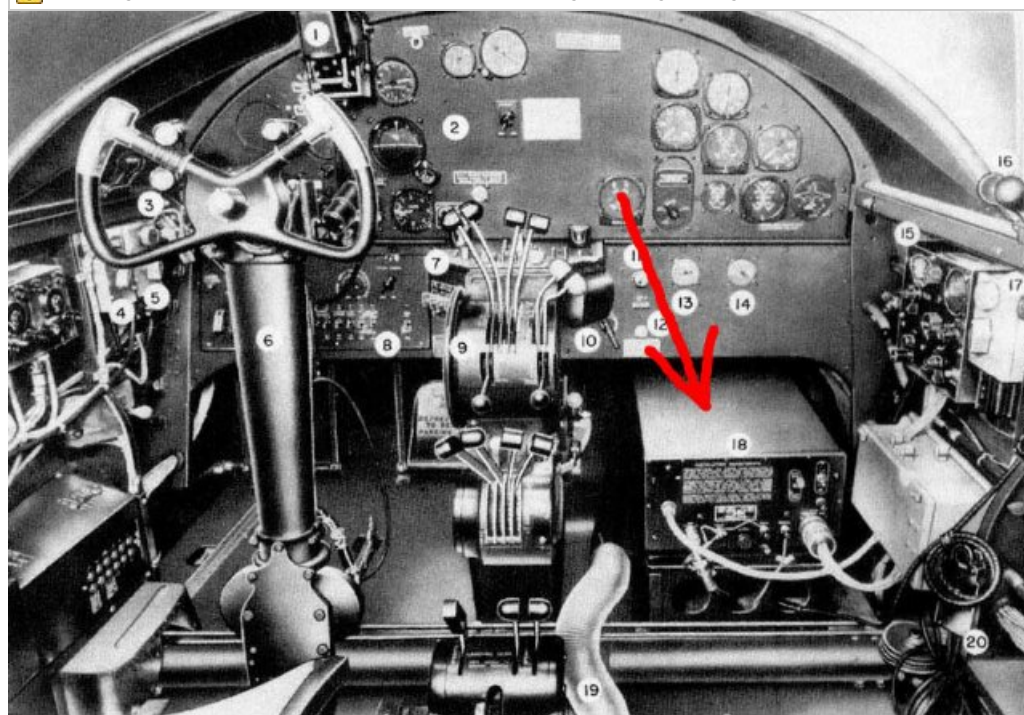
That's the spirit my friend!!

Work continues with the ancillary cockpit components. Using the kit parts, behold the "Bank and Turn Needle Valve" (anybody?), along with the real deal (red arrow):

This image has been resized. Click this bar to view the full image. The original image is sized 1024x693.

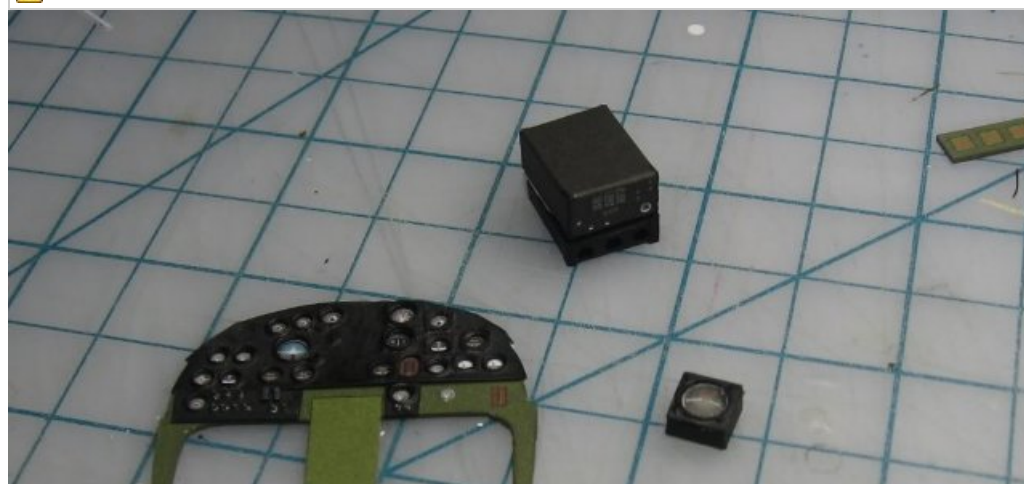


 This image has been resized. Click this bar to view the full image. The original image is sized 840x582.



I'm becoming more convinced that Orlik relied fairly heavily on this PBJ site ([link](#)) for their reference material. All the cockpit components found in the website photos are in the kit, plus some other things I'll relate later. Anyway, added switch plates to the IP and completed other components with instruments like the IP. I used the same copper wire for the switches:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x707.





Yeah, cockpits are fun! Actually I like cockpit detailing the most, with landing gear a close second. I guess that's why I saved those two areas for the end; best for last sort of thing....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Yeah, cockpits are fun! Actually I like cockpit detailing the most, with landing gear a close second. I guess that's why I saved those two areas for the end; best for last sort of thing....

You do right Mike, after all this is the PILOTS OFFICE - and you are certainly giving him the best seat in the Plane... Block your ears sir, i am going to shout !

WAY COOL

i'm done now 🍷

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



flying rasta
Member

Join Date: Aug 2009
Posts: 109

oooh oooh oooh....landing gear soon...****rubbing hands with anticipating excitement****

thanks for teaching the technique -"building instrument panels 101- the bomarc way!"

(build thread book soon to be released by mike...along with prep to build mosquito 😊)

to buy...or not to buy...damn you MAREK....damn you!!.....ummm....can you make one more 1:50??



redhorse
Member

Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,705

Your detail work is just amazing, I love checking in on this thread.

Jim



Wily

Member

Join Date: May 2009
Posts: 152

"wow" is such an understatement here.

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



Retired for now

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Now if you just find a tiny tube and bean for the bank indicator, and put a pendulum behind the panel for the turn needle, and a really small gyro

Yogi (you - are - the - king!)



kenwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

"Now if you just find a tiny tube and bean for the bank indicator, and put a pendulum behind the panel for the turn needle, and a really small gyro"

You shouldn't do that Yogi. Now Mike won't sleep at night until he has installed the bank indicator!

This build just gets more amazing by the day!



Bomarc
Member

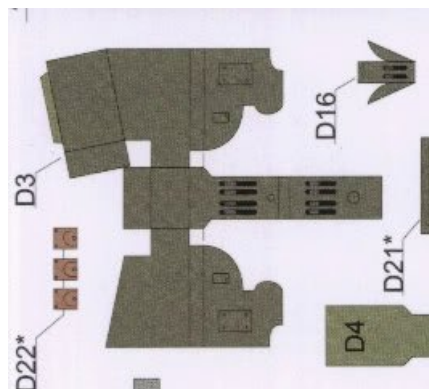
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

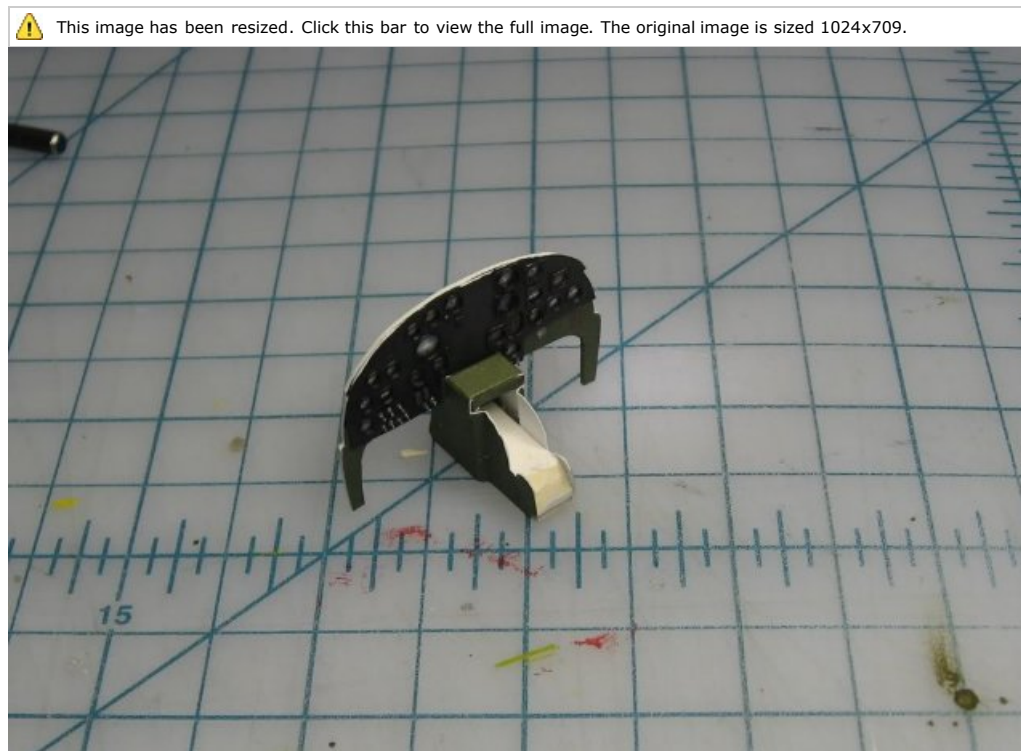
Originally Posted by **kenwest**
You shouldn't do that Yogi. Now Mike won't sleep at night until he has installed the bank indicator!

Too late! I've already placed an order for radium paint for the dial faces. The extra shipping cost for the lead lined box is a beeee-otch!!! 😊

Well, sometimes I think I waste my time on some of this stuff. Case in point, I was going to use the kit part for the center pedestal:




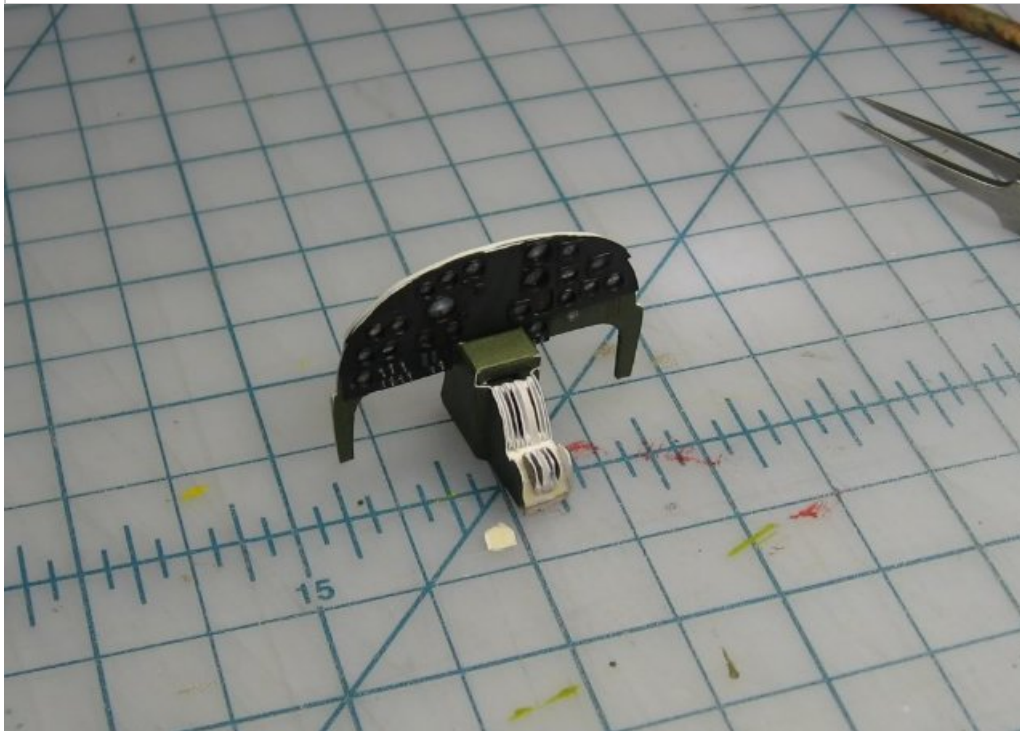
But looking at the real cockpit photos, decided that maybe I can improve on things a bit, so I built up the sides and deleted the top part:



I stacked up card to make the dividers for each of the levers. Spaces for six levers on the top (not counting the two extra ones below this stack, but I didn't have room in there, oh well), and four levers on the bottom:




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x728.

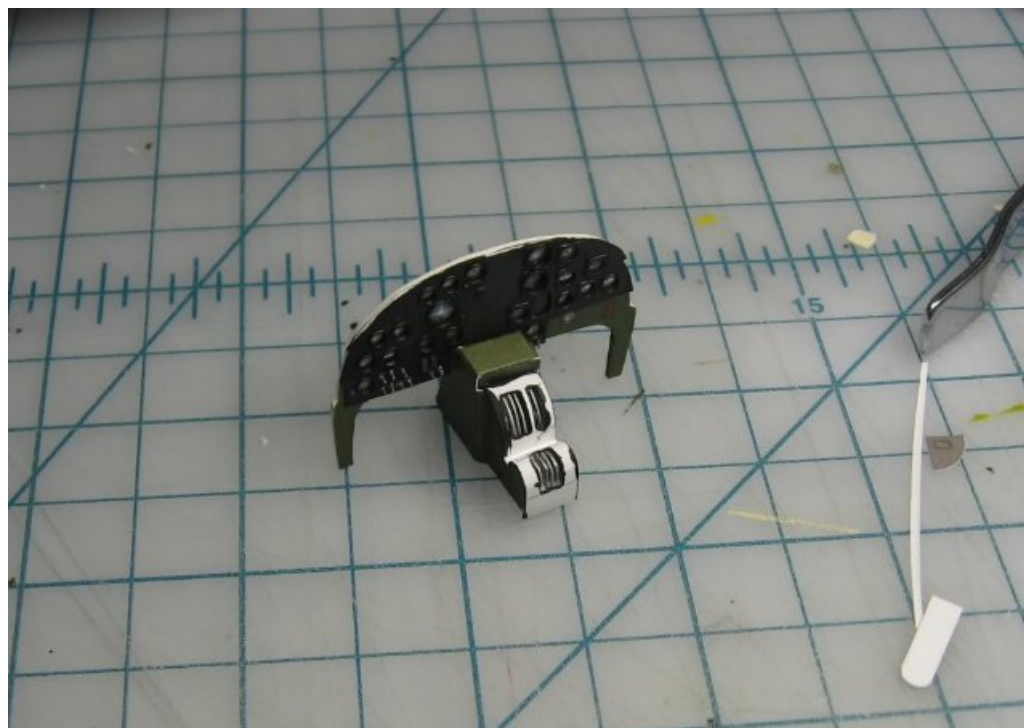


Painted those silver, and made the cover pieces (edged in black before attaching):


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x690.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x725.




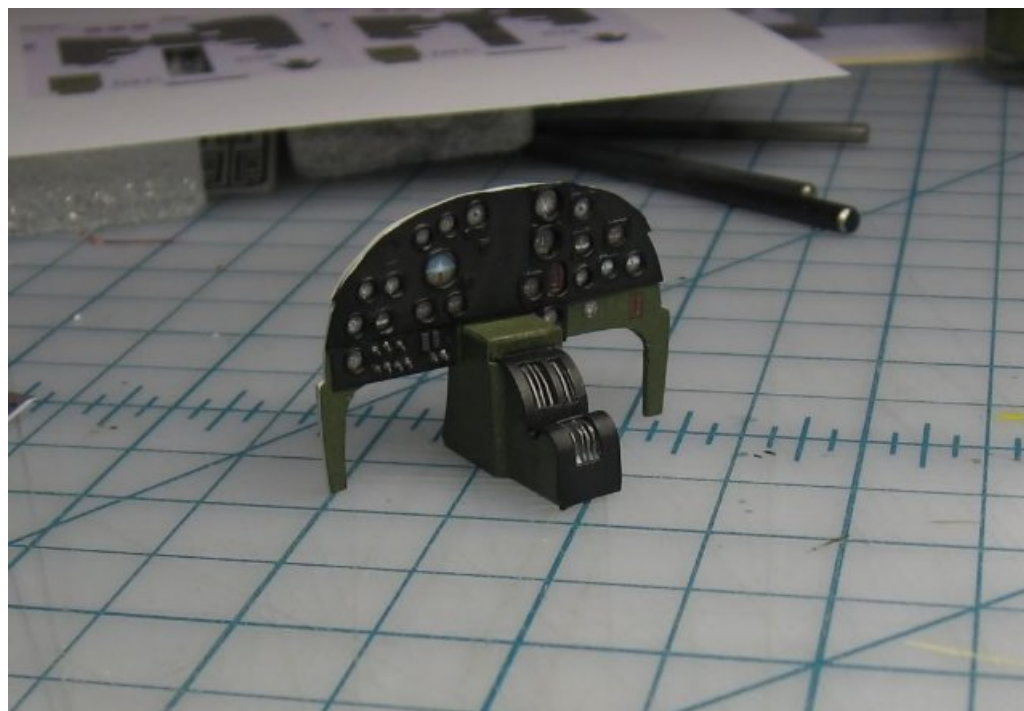
Painted the rest black:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x745.



Add a little graphite rub patina, and that little exercise was all I had to show for a precious night's work:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705.



Well, some levers and extra doo-dads, could be worse....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

Duuuuuuuude!

Ray

Don't squat with yer spurs on.....It's gonna hurt



« First < 13 53 61 62 **63** 64 65 73 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:58 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 14 54 62 63 **64** 65 66 74 > Last » ▾



flying rasta 
Member

Join Date: Aug 2009
Posts: 109

be still my heart.....uuuuuurk....too late!

to buy...or not to buy...damn you MAREK....damn you!!.....ummm....can you make one more 1:50??

 Quote



peter taft 
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



You hear about freaks of nature - well this is a freak of paper.... freakin amaizing



**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

 Quote



smyfe 
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 229

Absolutely gobsmacked!!!!

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS

 Quote



rickstef 
Administrator

Join Date: Jun 2007
Location: Wilmington Delaware
Posts: 1,974



For those who have the Military Channel on their cable box

You might want to set your DVR for 4pm on the 22nd

They will show the Great Planes episode on the B-25, the PBJs are mentioned too

I just got done watching it, great episode.

Rick

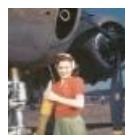
"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Rats. I've gained a whole new appreciation of the Marine PBJ's in the Pacific, and I would have liked to seen them action. Oh well, they'll re-run it ad-nauseum no doubt. I've been eying this book, but with the holidays upon us and the money hemorrhaging...er...spending that goes with that, it'll have to wait:

[Amazon.com: Leatherneck Bombers](#)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,269

You're right on the re-run thing. I've seen that particular episode 5 times already. Of course I watched it last night as well



rickstef
Administrator

Join Date: Jun 2007
Location: Wilmington Delaware
Posts: 1,974



Quote:

Originally Posted by **Bomarc**

Rats. I've gained a whole new appreciation of the Marine PBJ's in the Pacific, and I would have liked to seen them action. Oh well, they'll re-run it ad-nauseum no doubt. I've been eying this book, but with the holidays upon us and the money hemorrhaging...er...spending that goes with that, it'll have to wait:

[Amazon.com: Leatherneck Bombers](#)

Mike

Mike, just found this on the publisher's website
[Leatherneck Bombers by Alan C. Carey - Schifferbooks.com](#)

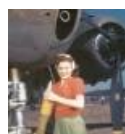
"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo



Bomarc
Member

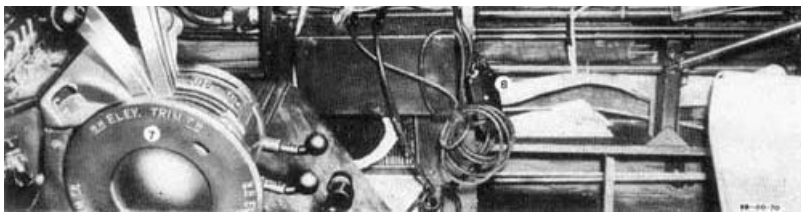
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


Thanks Rick. Interesting that the publisher is cheaper than Amazon. It's usually the otherway around...

I think I'm calling the instrument panel done, as in I'm done with it, that it! No more!

So I fashioned the (huge) elevator trim wheel that's on the left side of the pedestal (lower left in the first pic):



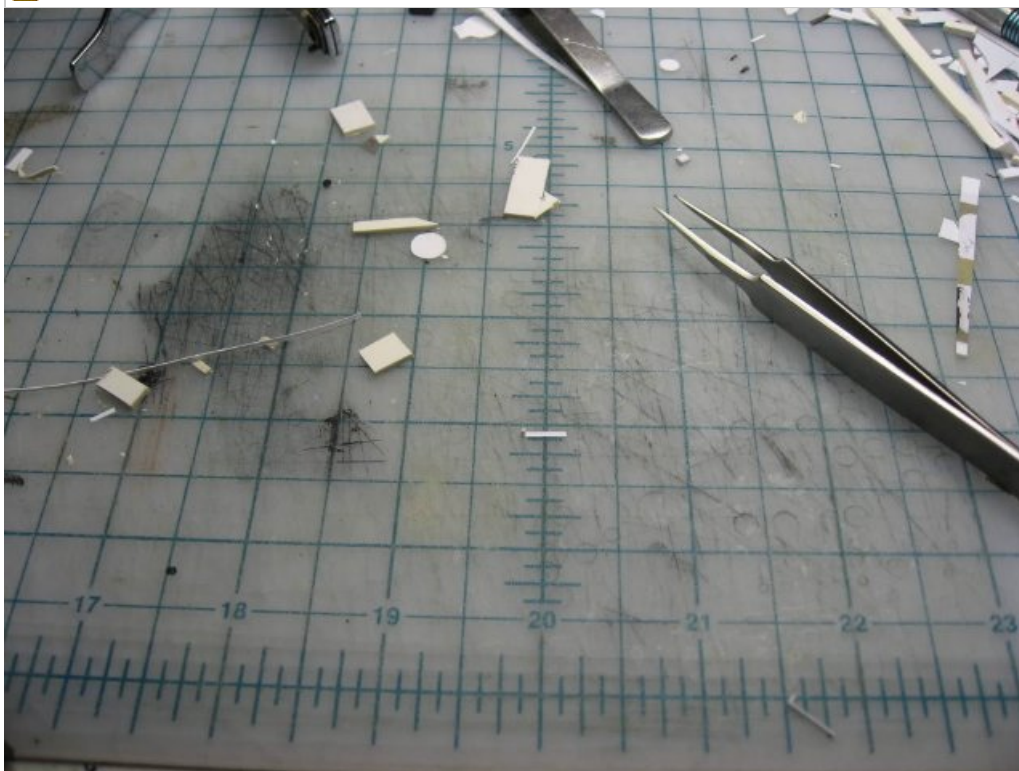


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x690.



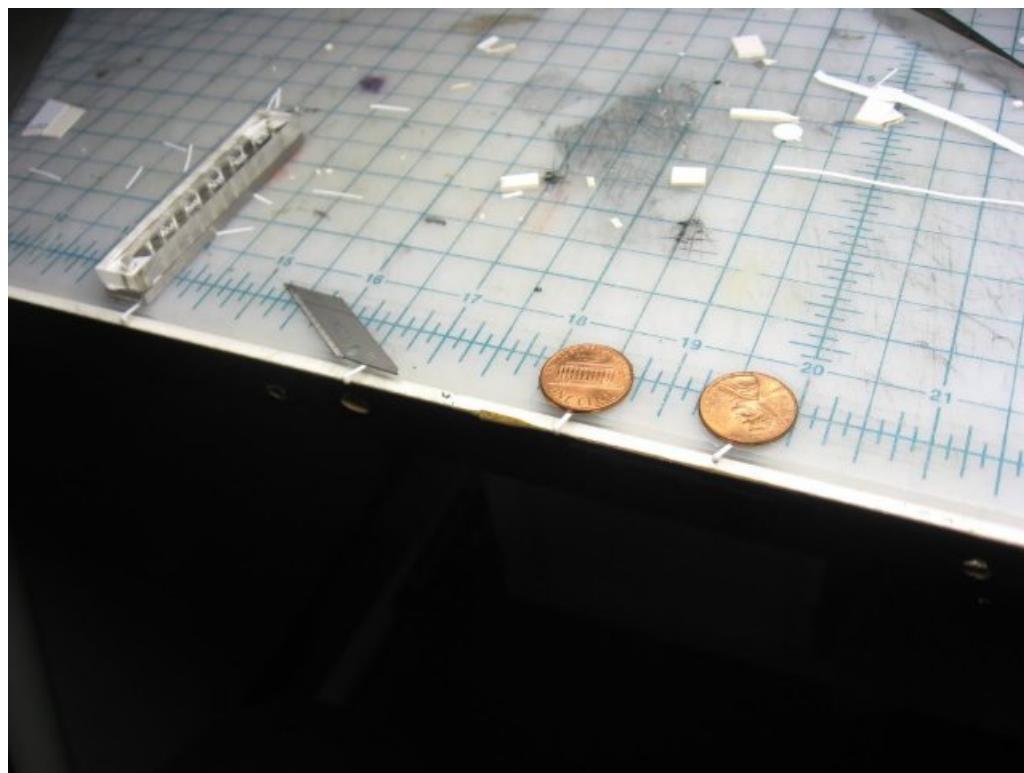
Added some more detail to the pedestal too. Then started to make the ten tiny (tiny) levers with knobs. First I attached a small bit of card to one end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



This acts as an armature to hold a blob of white glue. Here are some drying. I use what I can to weigh them down:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Then I dunk that end into gloss black (or red for two of them) paint:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




Painted the levers silver (you don't need to see that). Meanwhile, I made my own rudder pedals as the Orlik parts were fictitious. You can see them in the upper left, parts D6. NAA used the same basic rudder pedal for all their wartime products (P-51, B-25, T-6):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.



Mine are to scale as I have a 1:1 reference I use as a bookend (that one came off a P-51):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




And here's the final product. I tried to emboss the NAA "Turkey Buzzard" logo on the pedals, but you can't really see it. And they're a little crowded in there, but, hey, what are you going to do? Beats what Orlik gave you:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x658.

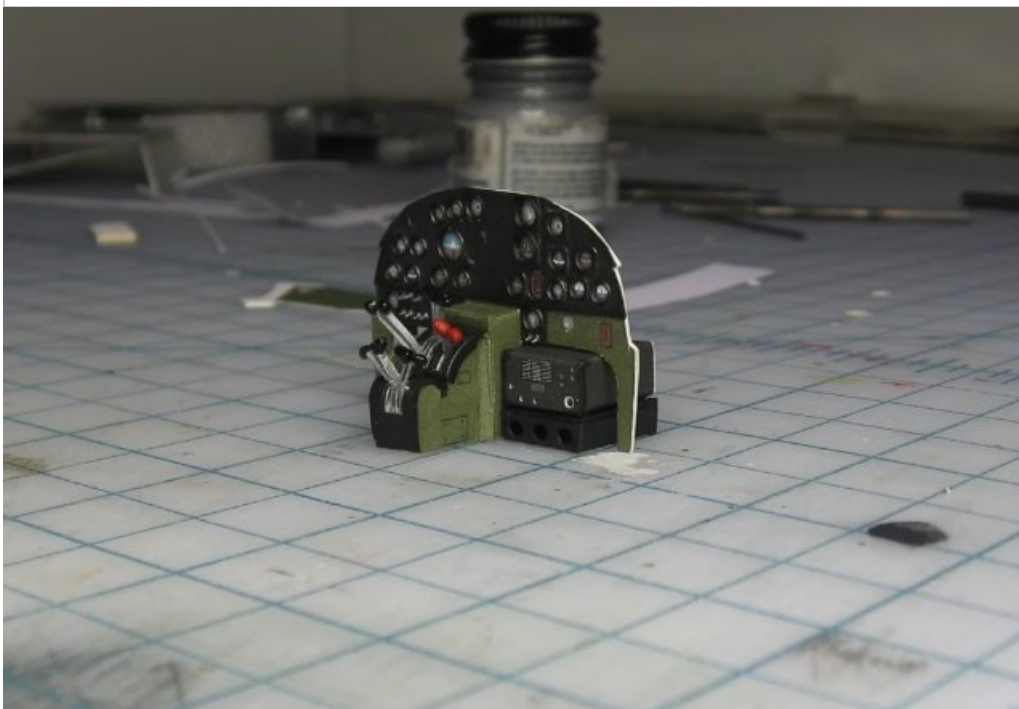





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x659.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x705.




And the back side, pure Hollywood sound stage:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x712.



And of course, the obligatory "does it fit?" shot (What, you had your doubts? Funny, me too!):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x681.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

you're sick dude. In a very, very good way 🤩 The pedals turned out great. Must be nice to have a solid book end that is not only functional, but inspirational as well 🍀

Hey look!!! It's the engines again 🍀 🍀



Clashster

Member

Join Date: Jun 2007
Location: The Conch Republic
Posts: 1,005

Wow!!!! So you embossed the petals, but didn't emboss the writing? Taking it easy? 😊 But seriously.... WOW!

Chris

Currently have way too many hobbies



« First < 14 54 62 63 **64** 65 66 74 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 05:58 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ©
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 15 55 63 64 **65** 66 67 75 > Last » ▾



flying rasta 
Member

Join Date: Aug 2009
Posts: 109

ummm....i will now hide my builds from this web site.....details are just too blinding!

will go back into cave and re invent
sgh

to buy...or not to buy...damn you MAREK.....damn you!!.....ummm...can you make one more 1:50??

 Quote



flying rasta 
Member

Join Date: Aug 2009
Posts: 109

just kidding...its great mike..really

to buy...or not to buy...damn you MAREK.....damn you!!.....ummm...can you make one more 1:50??

 Quote



peter taft 
Member

Join Date: Jun 2009
Location : Nottinghamshire
Posts: 1,073

Mike... you should be very proud of yourself, indeed, very very proud - this is a sheer delight to see - almost a miracle in paper {well in your golden fingertips my friend}. I managed to type the above, but really to be honest.. i am speechless !

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

 Quote



birder 
Member

Join Date: Jul 2007
Location : Liberty lake, wa
Posts: 1,978

Agree with everyone! That panel is fantastic! 😊

Glen

 Quote



Wyvern 
Member

Join Date: Jul 2009
Location : North Florida , USA
Posts: 1,023

Bomarc, you are both an inspiration and a devastation! That panel is "beyond-words" awesome. And I thought your engines were the heighth of paper engineering .

Wyvern



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **Wyvern**

Bomarc, you are both an inspiration and a devastation! That panel is "beyond-words" awesome. And I thought your engines were the height of paper engineering.

Wyvern

Our MIKE is one SPECIAL guy... i echo what you say here mate 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



John Bowden
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

Yeah he is a great modeler..... but did anyone else think that its strange he has real B-25 parts stashed through his house? I think he's been fooling with us, this is a 1/1 scale rebuild.....

just kidding..... everything except the first six words is made up.

But I swear that rudder pedal on the book shelf looked real

just kidding..... I know its real.

www.dgapapermodels.com

[My Drawings](#)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Quote:

Originally Posted by **John Bowden**

Yeah he is a great modeler..... but did anyone else think that its strange he has real B-25 parts stashed through his house? I think he's been fooling with us, this is a 1/1 scale rebuild.....

just kidding..... everything except the first six words is made up.

But I swear that rudder pedal on the book shelf looked real

just kidding..... I know its real.

Yeh... he's the got the lot and just rebuilding it 🌍 Great model maker which we are all blessed to have here on PM.COM strutting his stuff 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**





Bomarc


Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

You are guys are spoiling me with such praise, but I appreciate all the support. If/when this epic ends, this PBJ will be as much *your* model as it is mine.

Sadly, no new updates this weekend as I'm writing this on my dad's computer in New Jersey (my work bench isn't portable as some). But maybe something gets done Monday and Tuesday.

Quote:

Originally Posted by **John Bowden** 
..... but did
anyone else think that its strange he has real B-25 parts stashed through his house?

Get it right John, they're *P-51* parts. When I start building a P-51 "model" then you can start throwing red flags. 😊

Actually, because of my love of P-51's (and now B-25/PBJ's thanks to this model) I've collected a lot of North American Aviation WWII era memorabilia. If there's interest, I can start a thread in the "Other Things We Do" section. Here's a taste, since it's already in my Photobucket account:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x687.



This is a tool used to turn the Dzus type fasteners on cowlings.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Don Boose


Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

I look forward to your B-25/PBJ Memorabilia thread.

Don



« First < 15 55 63 64 **65** 66 67 75 > Last » 

PaperModelers.com > Card Models > Model Builds > Aviation
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Post Reply](#)

« First < 16 56 64 65 **66** 67 68 76 > Last »



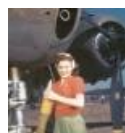
shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,261

Hey a Snoopy tool! And a nice one at that

I'm not making it up as I go along, I'm establishing precedent

[Quote](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Yep. There's even a NAA drawing for it (looks even more Snoopy-like):

This image has been resized. Click this bar to view the full image. The original image is sized 1024x870.

CHAMFER
15-DIGIT PROF
WARE
1. ONS. "STAMP PART NUMBER" TO "STAMP T38"
2. ADD T38 TO TITLE BLY.

STAMP T38

OPTIONAL

NORTH AMERICAN AVIATION

97-73097 ASSEM
97-73097 WRENCH
97-73097 DZUS FASTENER T38

NOTE: MAY BE PURCHASED FROM HOLLISTER COLL SPRING CO. &

NOTE: FOR DASH 2:
1. CAD PLATE FINISH
2. USE S.A.E. 4140 OR N.E. EQUIV. ST.
3. HEAT TREAT RQR "C" 42-48.

DO NOT SCALE DRAWING
MARK TOOL NO. ON TOOL
STAMP ALL REVISION EDGES

NOTED

NORTH AMERICAN AVIATION Inc.
HOLLISTER COLL SPRING
WRENCH -
DZUS FASTENER T38

97-73097

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



[William \(bill\) Amos](#)

Member

Join Date: Sep 2009
 Posts: 16

I wondered what i did with my doosus button turner..used to lose them all the time ours in marine avaition were a little durrerent but then bearcats and mustangs are different too..thanks for the build my modeling is already improving bill amos



[Bomarc](#)

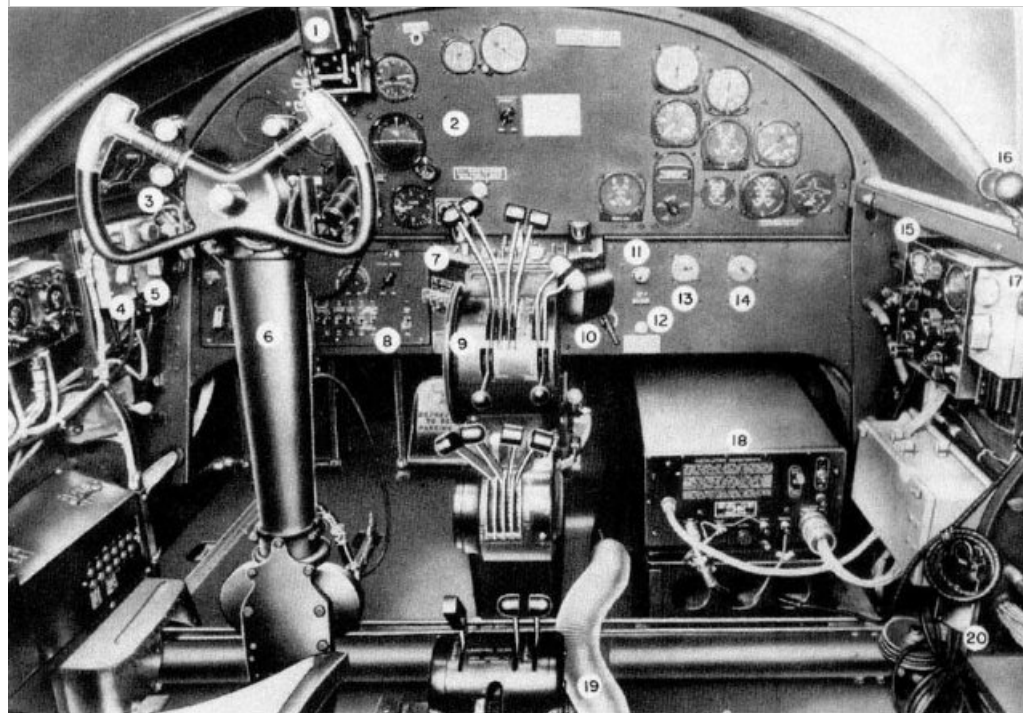
Member

Join Date: Jul 2007
 Location : Burke, Virginia
 Posts: 506

Well, let's get an update in before the long holiday weekend. Last night and tonight were spent on the control column and yoke. Not much to show for two nights' work but I know Mr. Taft is watching so I have to be thorough when it comes to cockpits....

So using some of the kit's parts, I reshaped the column to have the more conical shape seen in the photos. Also, I was going to cut out the kit's yoke, but decided to make one from scratch with wire:


This image has been resized. Click this bar to view the full image. The original image is sized 840x582.

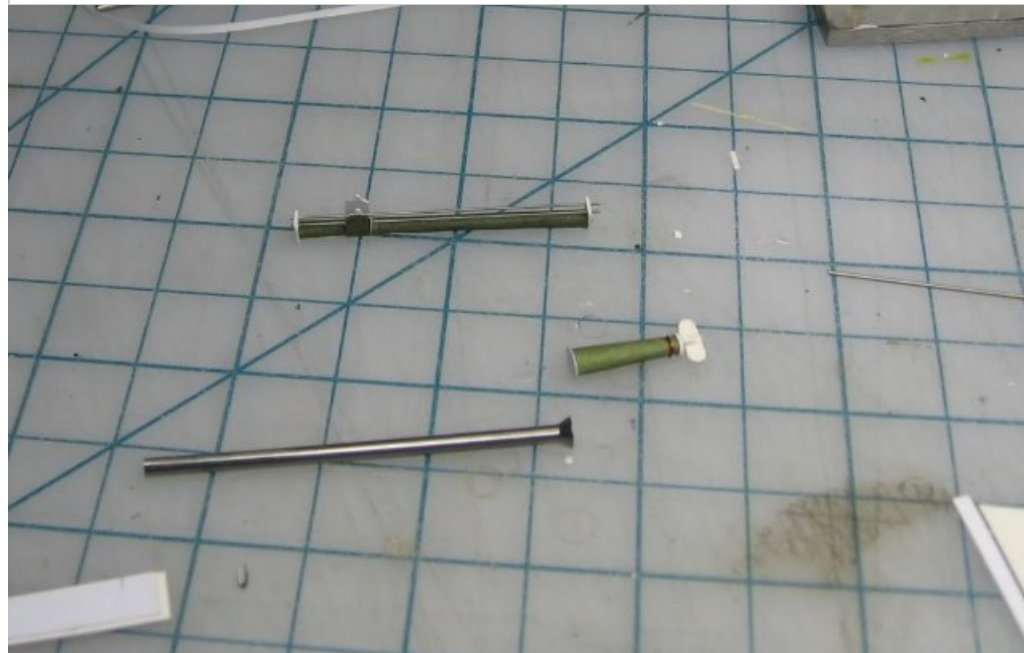


This image has been resized. Click this bar to view the full image. The original image is sized 1023x675.




Added some wire details to the shaft:

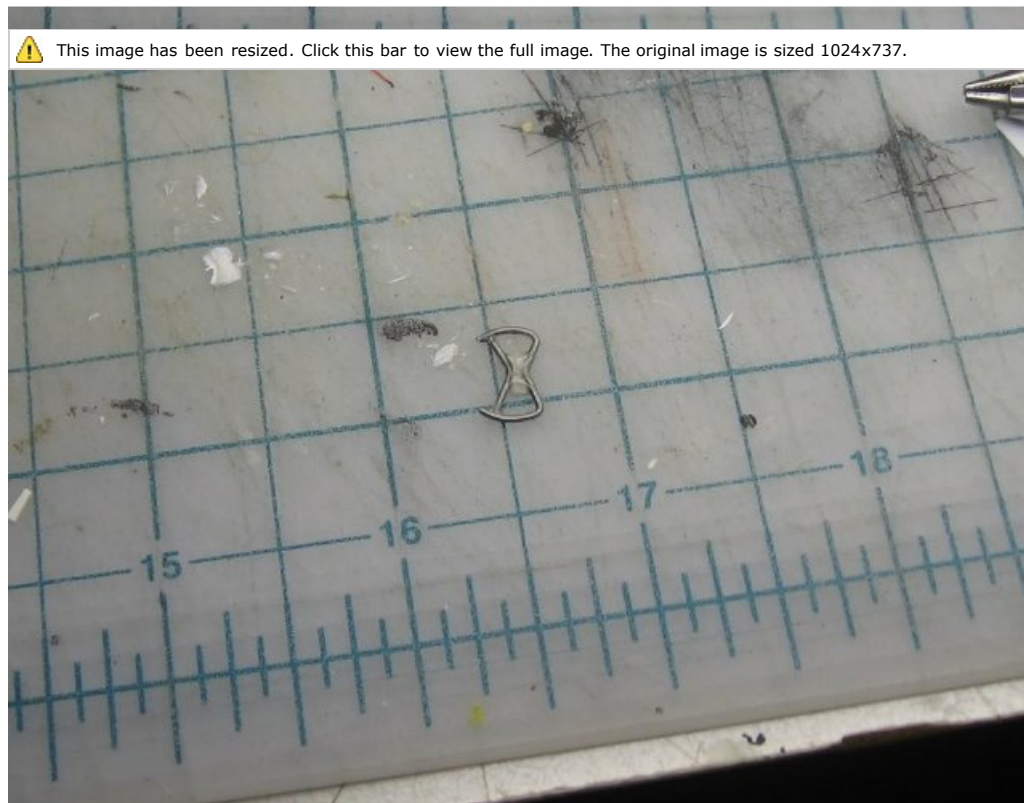
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x652.



The yoke pieces I super-glued to a paper disc, then trimmed the disc to the "bowtie" shape:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702.






Wrapped some paper at the ends and blobbed Elmer's to make the grips:



Here are two views of all the components before painting:







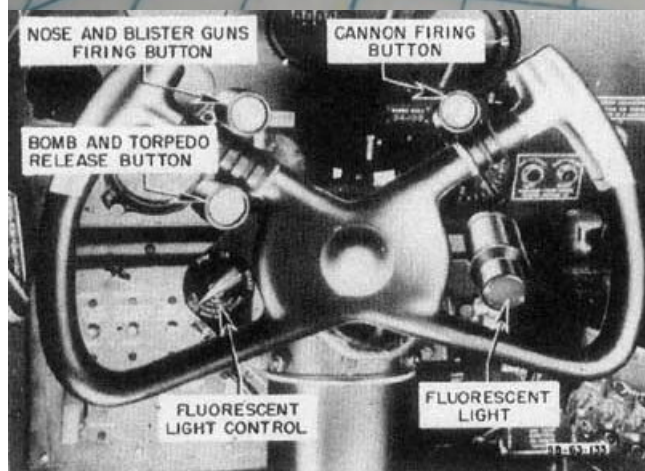
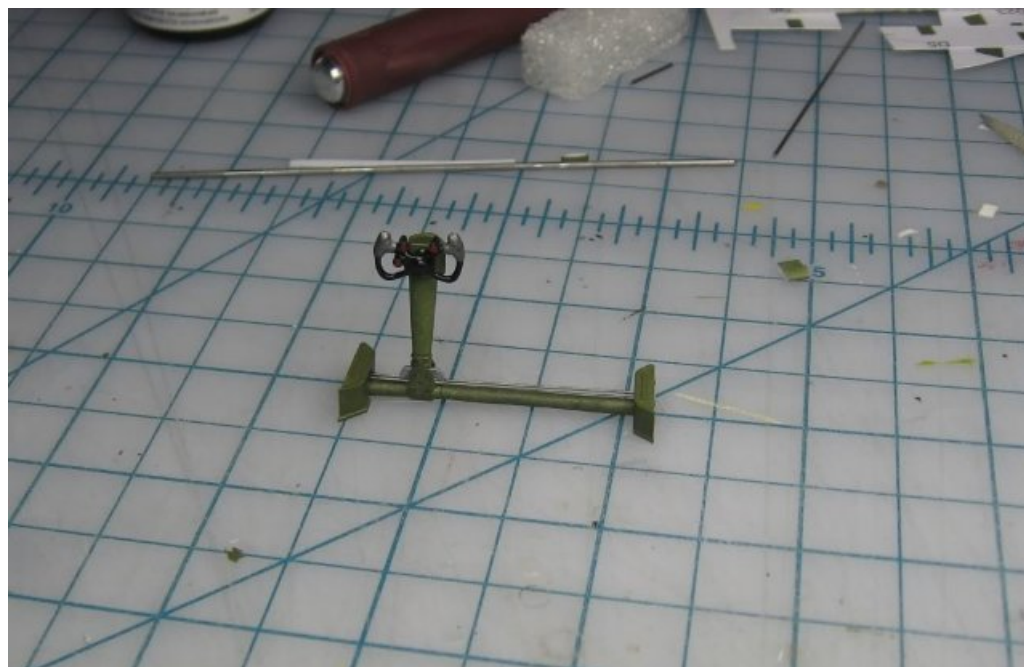
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758.

And after being gussied up. The yoke has three trigger buttons on it and I painted them all red:




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x681.


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x664.

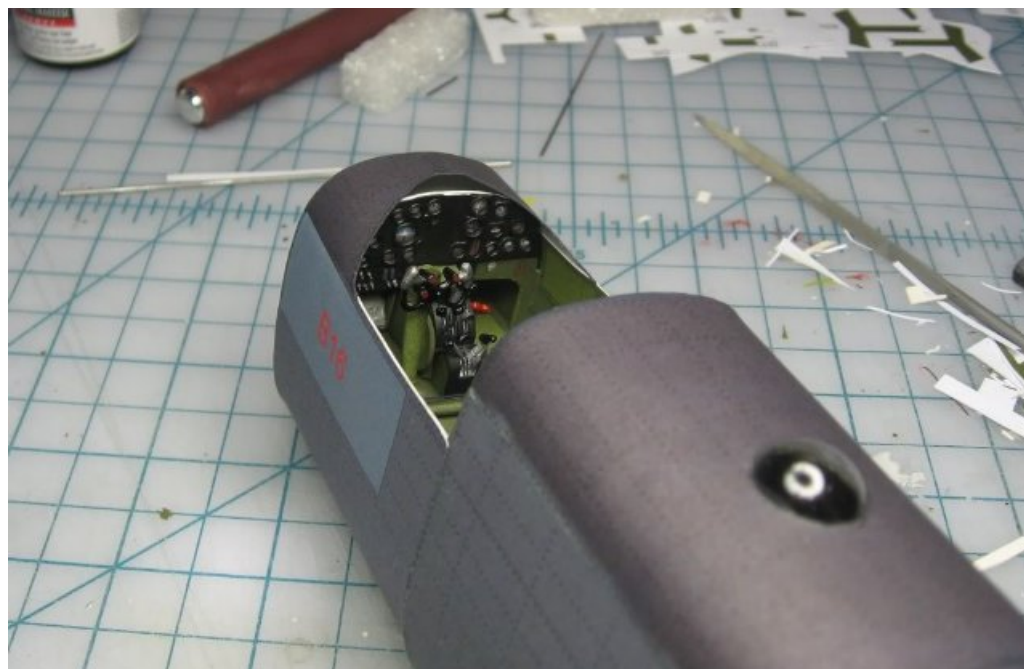


Once again, I dodged a bullet and everything fits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x684.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x667.



With this assembly done, I can start fixing everything into the cockpit next week, and start some seats and things...

Have a great holiday all!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



dovbear

Member

Join Date: Jul 2007
Posts: 19

😊 OK, now that I've seen perfection in paper, I need to go back to plastic...

just kidding...just...Man can you learn technique and process from ALL youse

guys...I'm right and truly gobsmacked 🤯



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073



Well, if that's the best you can come up with i'd quit now - you are rushing things and spoiling them Mike, i told you on pm how to do this.... but NO you have to do it your way.. 🤯 That's got to be the best Yoke and fitments EVER made - unless anyone knows different... NO ? i thought not 😊 ground breaking and record breaking stuff Mike - and once again my day is made much better via a visit to your thread {boy... what a thread 🤯 } Hats off to you YET AGAIN Mr 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Wyvern

Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 1,023

Words fail me. Really.

Wyvern

**billy.liveld**

Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 945

I have been lurking on this thread since the beginning 😊
But the only thing I can say is Wyvern is absolutly right !🇳🇱

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>

**flying rasta**

Member

Join Date: Aug 2009
Posts: 109

what else could one say about such a master piece? **shrug**

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

**alfadoc**

Member

Join Date: Feb 2008
Posts: 7

Just wanted to chime in with my two cents worth, and say how much I enjoy following this build. The amount of extra detail you have added, especially that which will be difficult to see is awe inspiring, and what is stock is cleanly built. It is one of those builds that pushes me to step up my game.

Thanks Bomarc!



« First < 16 56 64 65 **66** 67 68 76 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:01 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password


« First < 17 57 65 66 **67** 68 69 77 > Last » ▾


Wily

Member

 Join Date: May 2009
 Posts: 152

Ok. Let's do something new with this thread.

1pt for every superlative that's been used before.

5pts for every superlative that's been used before, but used in a new way.

10pts for every superlative that's used in a language other than English.

15 points for a new, original superlative.

Profanity and the use of Deity names or referring to Bomarc AS a Deity are not allowed.

In the meantime, Bomarc is now the Chuck Norris of card modelers.

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com


Retired_for_now

Member

 Join Date: Jun 2009
 Location: NW Florida
 Posts: 1,051

Well, you'd have to review the entire thread to keep score - and at 5 minutes of Zen appreciation/contemplation time per picture that will take until Christmas.

Yogi


Wily

Member

 Join Date: May 2009
 Posts: 152

Quote:

Originally Posted by **Retired_for_now**

Well, you'd have to review the entire thread to keep score - and at 5 minutes of Zen appreciation/contemplation time per picture that will take until Christmas.

Yogi

Ok, ok...you're right (LOL!).

This build is just...fun!

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com


Stev0

 Join Date: Jul 2007
 Posts: 1,071

Member

Incredible level of detail and build quality.



John Bowden

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

four letter word!!!👀👀

www.dgapapermodels.com
[My Drawings](#)


cmdr199212

Member

Join Date: Jul 2008
Posts: 49

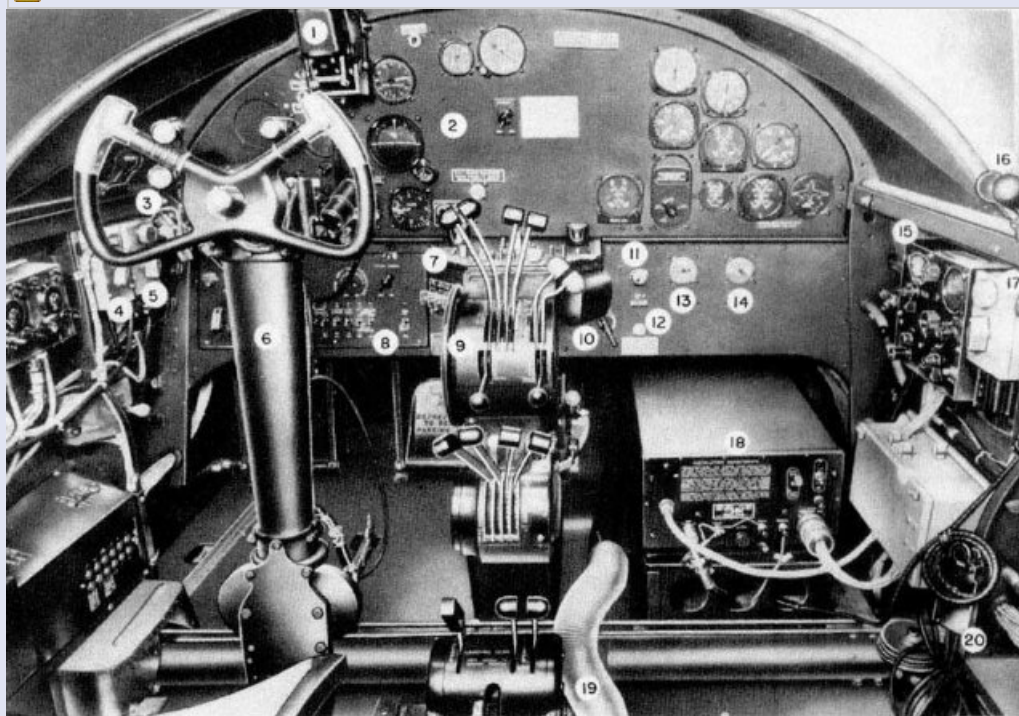
Quote:

Originally Posted by **Bomarc**

Took a little break this week, but was back at it tonight. I wrote before that the cockpit would be next, and next it is, starting with the instrument panel. I think a well done IP sets the tone for the rest of the cockpit in a model. We'll see how I do (I know Peter's watching.....)

From the PBJ website, a picture of the real deal:

This image has been resized. Click this bar to view the full image. The original image is sized 840x582.



There's a mix of surface mounted and flush mounted instruments, and you can see an unused cutout blanked off in the upper left just above the control yoke. Since the printing is pretty crisp in the Orlik kit, I'm using it as my base layer, and I printed out a few copies of it from my scans (extras for screw ups). Cut one out and started punching out holes:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x742.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x690.



In a nice surprise, the holes line up with the original part:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x715.



Then, to simulate the flush mounted bezels, I took some fine copper wire I had lying around the garage and small rings using the corresponding punch as a mandrel. I used super-glue to keep each in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x707.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x718.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x705.




I started working on a sheet of white paper as it was getting hard to see the holes line up with the rings on my mat. I

then added card to simulate the surface mounted variety of bezel:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x659.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x690.




Painted the whole thing flat black:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x684.




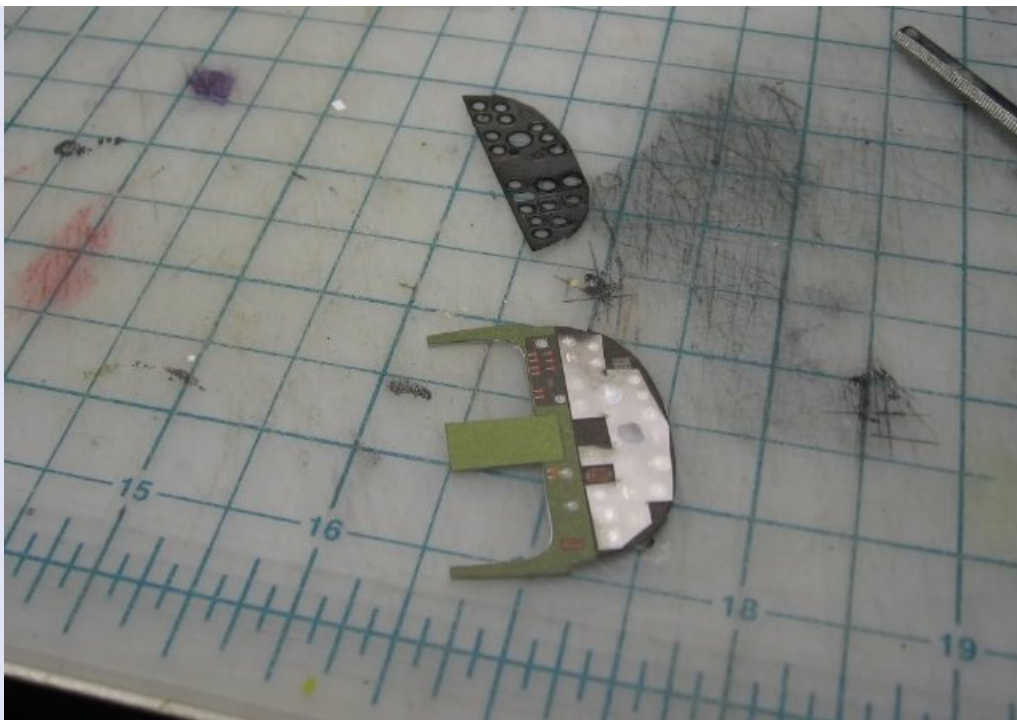
Did the graphite rub to bring out the sheen :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x656.




Then took some page protector material (same as the landing lights way before), and cut it out thus to give me some areas that will be a paper to paper bond when I sandwich this mess together :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.




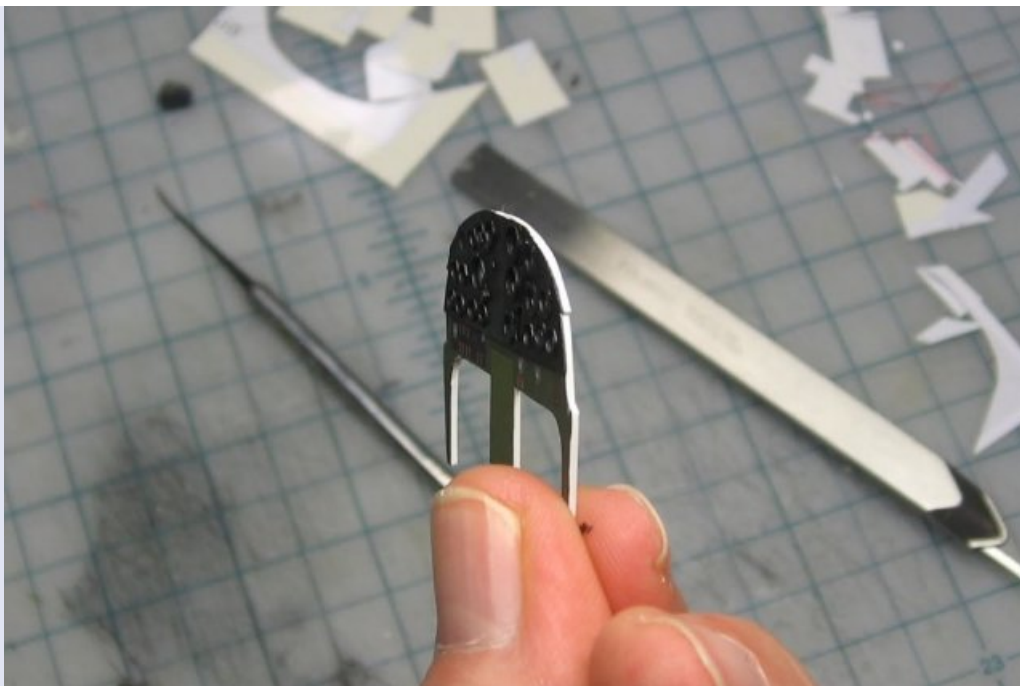
And here's the sandwiched mess, complete with the unused blank in the upper left:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x695.



From the side the wire seems to adds the right amount of relief without protruding too much:

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x682.



Ain't cockpits fun?

Mike

Mike, this is incredible! its looks better than plastic! so talented!



kenwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

FANTABULACIOUS!

Translation: Fantastic/Fabulous/and Delicious

How many points is that, Wily?

Ken



Wily

Member

Join Date: May 2009
Posts: 152

kenwest -

NEW words are 30pts. You get 30pts.

You know...i'm thinking of new superlatives...and I wish there was an icon for wide-eyed awe.

wily

"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



Bomarc


Member

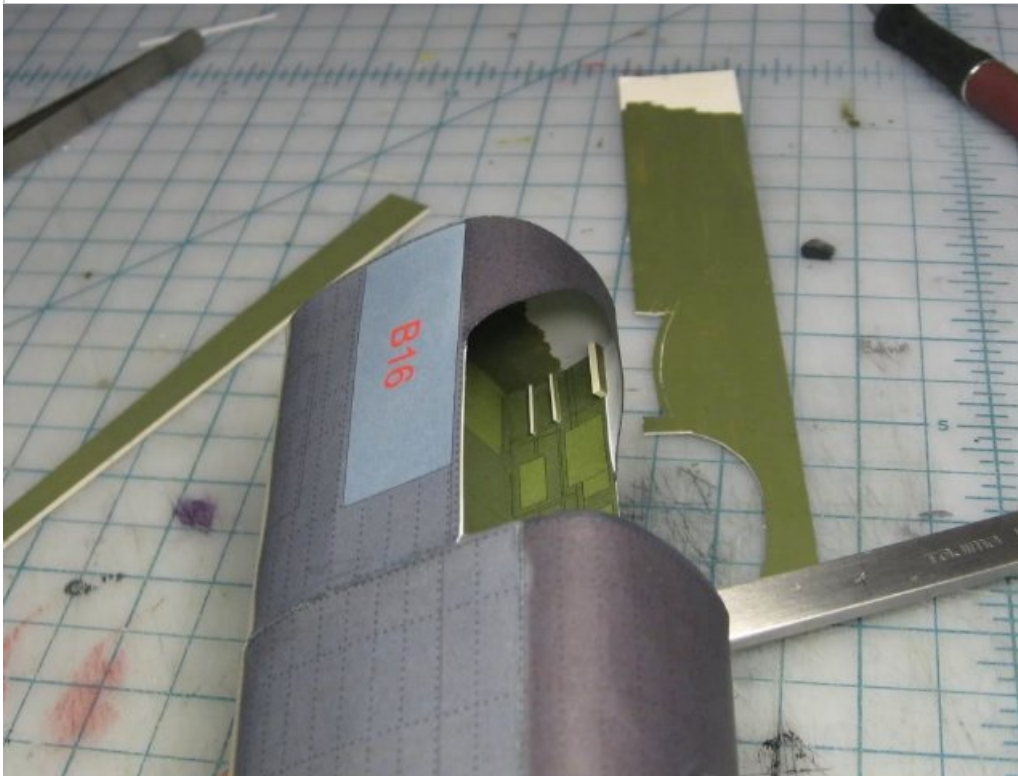
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


Hmmmm....I thinking I better get back to work so folks can earn points. Is there a prize at the end? You know, it could evolve into a drinking game. Every time I make something not from the kit....one shot! Every time I fret about something not fitting...one shot (hell, that one alone will get you blotto in no time!!).

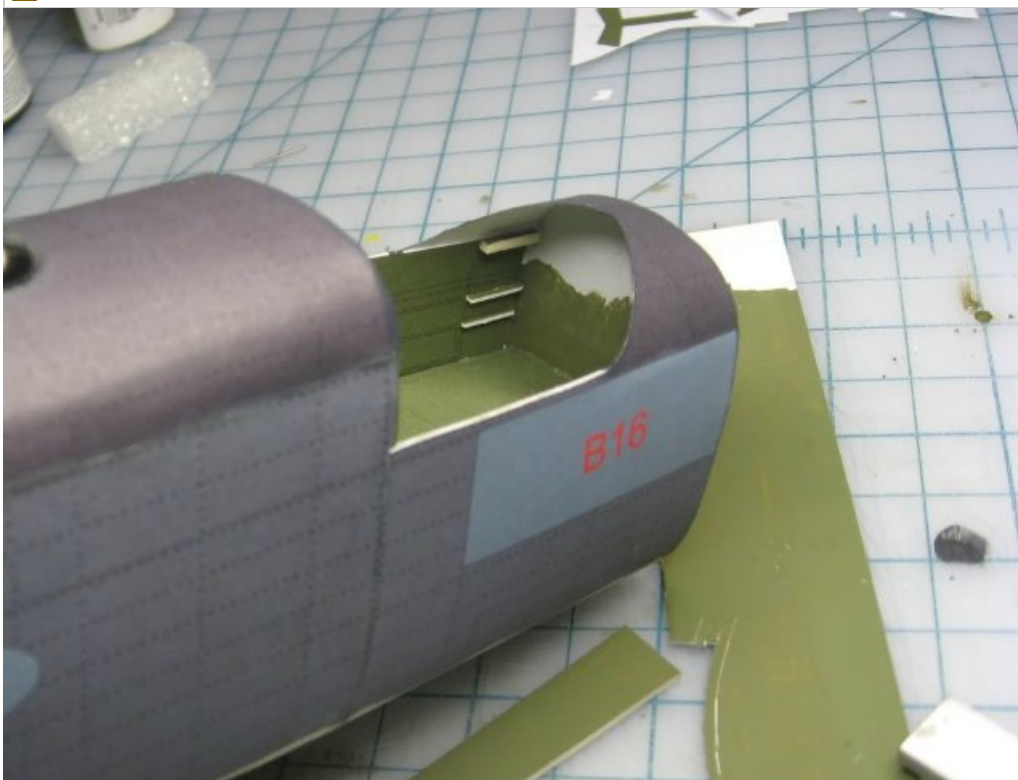
Sooooo, it's hard to get the modeling juices flowing after a long weekend, but let's dive in. Not much tonight, hopefully it will ramp up as the week progresses.

Started to permanently install some of the cockpit components. Glued in some formers to help set the instrument panel correctly:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x774.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x774.



Then, once the IP was installed, worked on the right side by adding structure:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x722.




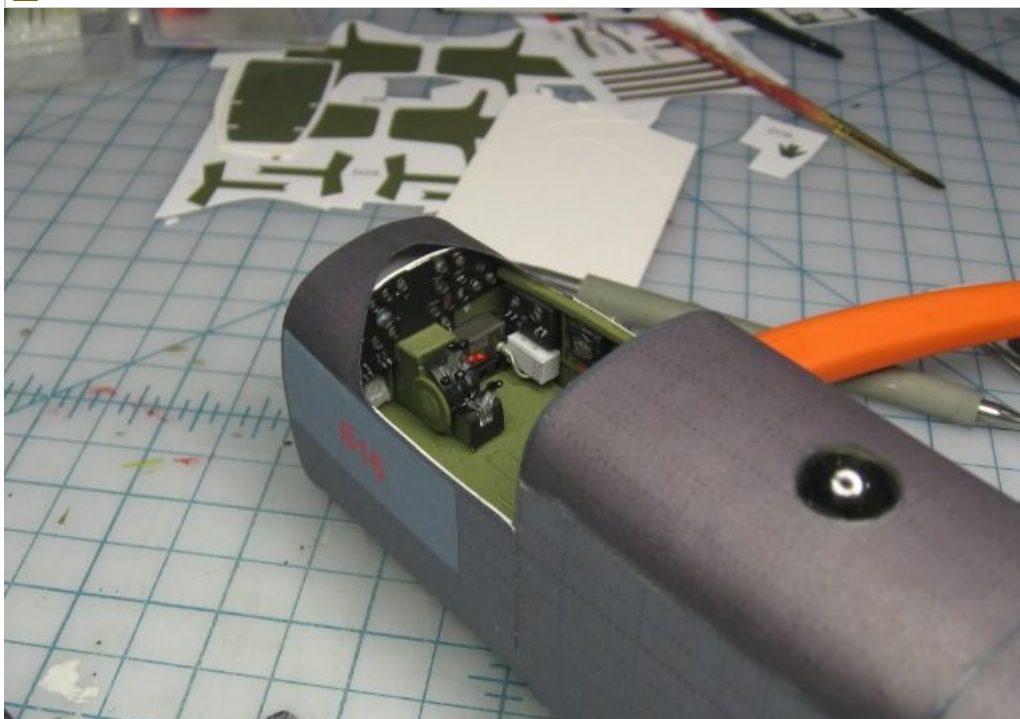



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x768.




Then added some of the bits I made in the previous weeks :

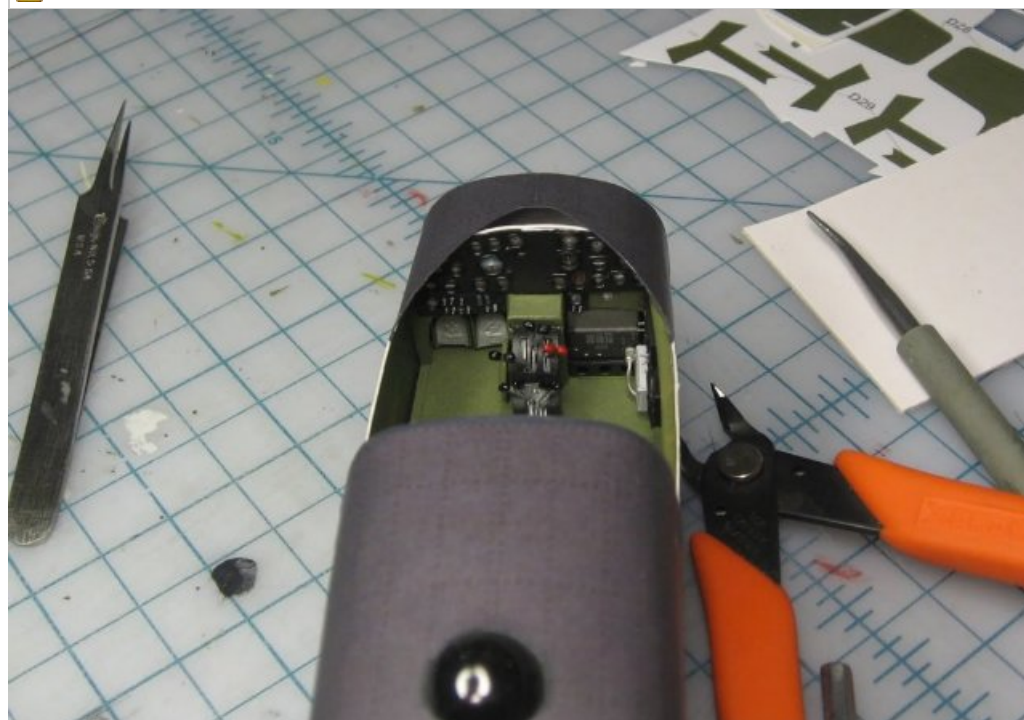
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x804.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.



I warned you it wasn't much tonight.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51siq.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
 Location: Papillion ,Nebraska
 Posts: 1,269

It might not be much to you, but it's easily a month's work of work for that nice quality stuff for me.



« First < 17 57 65 66 **67** 68 69 77 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 **Post Reply**

« First < 18 58 66 67 **68** 69 70 78 > Last »

CMDRTED

Member

Join Date: Oct 2007
 Location: Avondale, Pa.
 Posts: 349

Mike this is the thread I show people what is possible with paper models. It usually involves 20 minutes of every comment from I can't believe... to no f-ing way! Truly the best work done and posted on any site!

 **Quote**

kenwest

Member

Join Date: Jun 2008
 Location: Lake Orion, MI
 Posts: 344

CDRTD, I get the same comments.

Mike,

Those control knobs look great. I make mine by dipping the sticks into a puddle of Aleens thick glue, then paint.. Is that how you do it? Sorry if you already explained and I missed it..

Ken

 **Quote**

peter taft

Member

Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,073

NOT MUCH ☹ well you carry on doing NOT MUCH, the quality of the cockpit thus far makes ya wanna climb in, and when there's somewhere to sit you certainly wouldn't wanna climb out 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
 Fandersons are everywhere**

 **Quote**

Bomarc

Member


Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

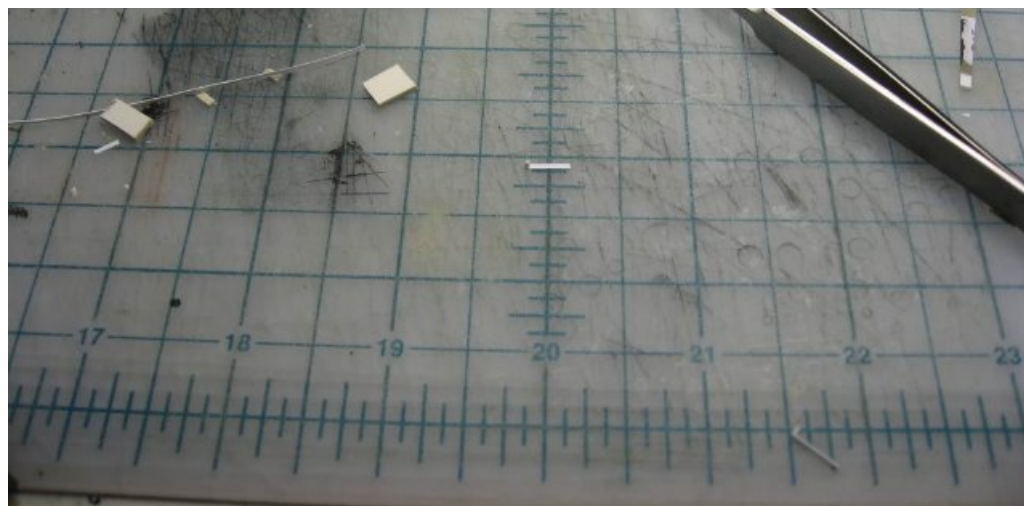
Originally Posted by **kenwest**
Those control knobs look great. I make mine by dipping the sticks into a puddle of Aleens thick glue, then paint.. Is that how you do it? Sorry if you already explained and I missed it


Hi Ken

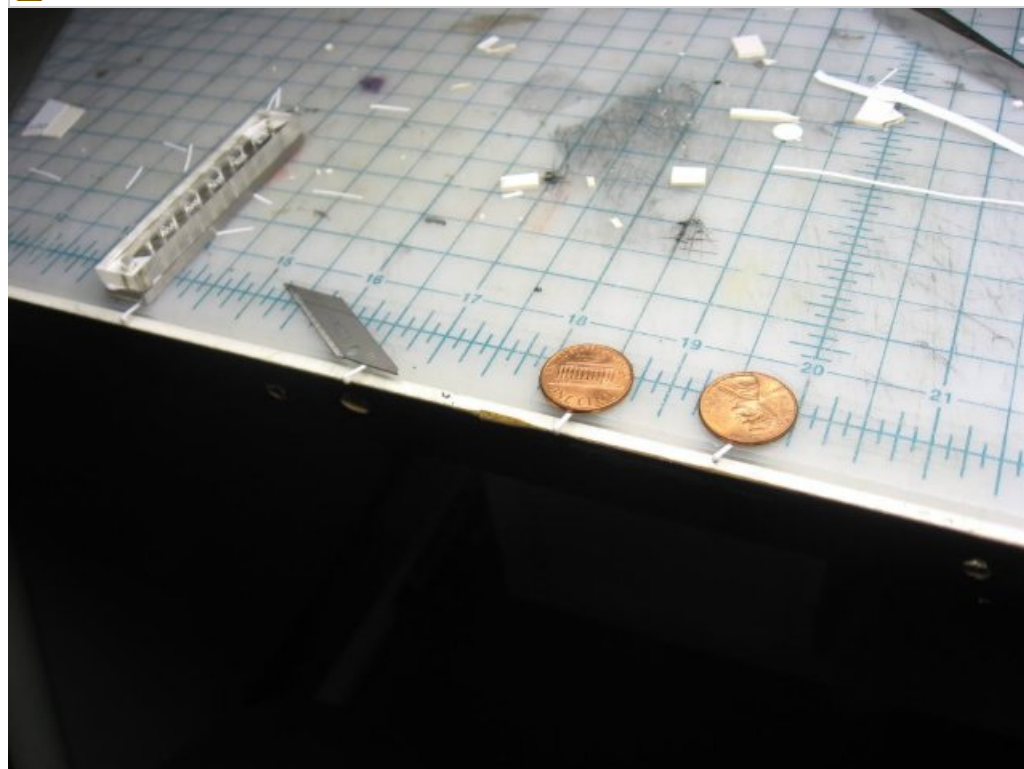
You did miss it! But fear not, through the magic of photobucket.com, here's a replay. I too blobbed white glue, but to give the levers an "off set" look (the Mitchell throttle group has a right and left knob for everything), I first glued a stub of card to the end of the lever then blobbed away:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



I actually dunked the dried blobs into the paint as well, to help accentuated the smooth knob appearance :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



And that's how you do that (another Apollo 13 movie quote).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Thanks Mike. That's an amazing cockpit - simple as that.

By the way, just in case anyone is interested, this kit was added to Papermodelstore.com on 18 Nov. Grab it while you can!

Ken



billy.ieliveld

Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 945

Failure is probably not an option 😊

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



Bomarc

Member

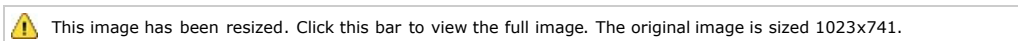
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

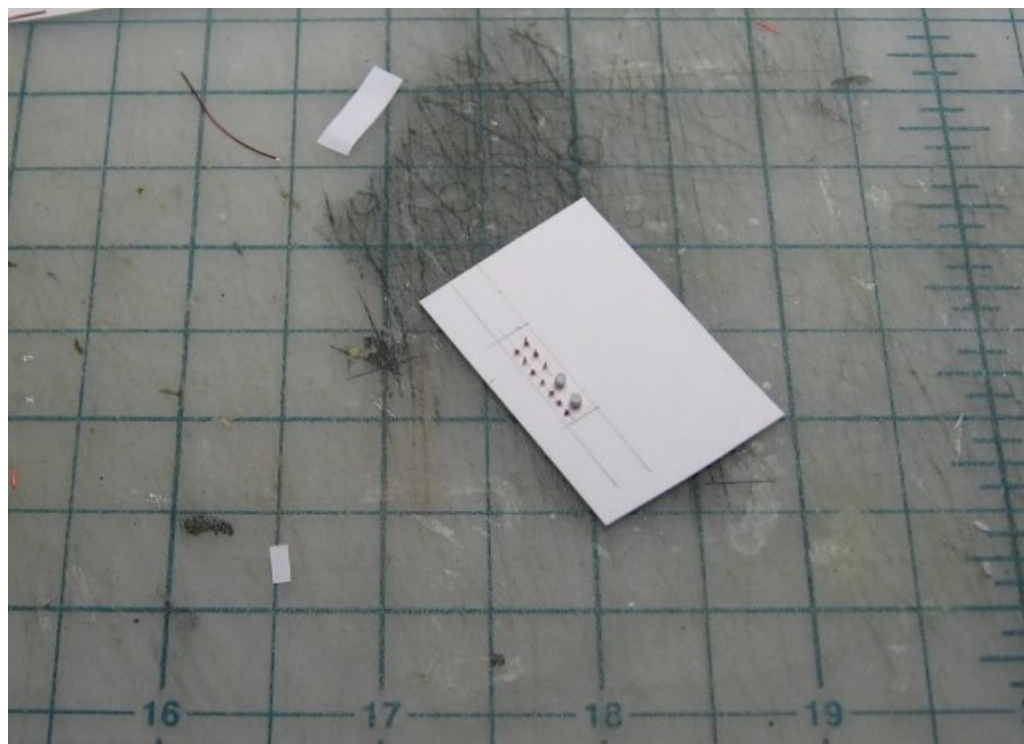
True enough Billy, but failure is always lurking in the shadows.....

Attacked the left side of the cockpit these last two nights. Same drill as before, first framed it up then painted the edges:




I used the Orlik switch console, but decided to make my own switch plate:






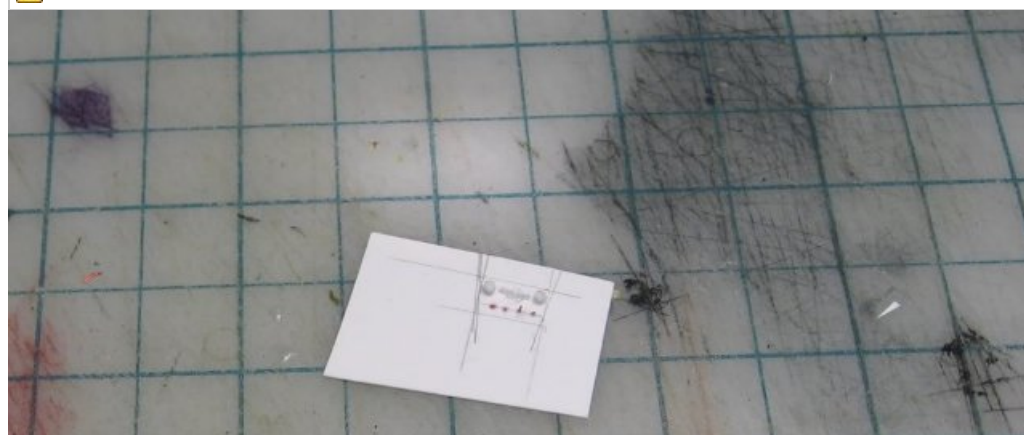
Here it is painted with some kit parts ready to go. The silver box actually will go on the right side:

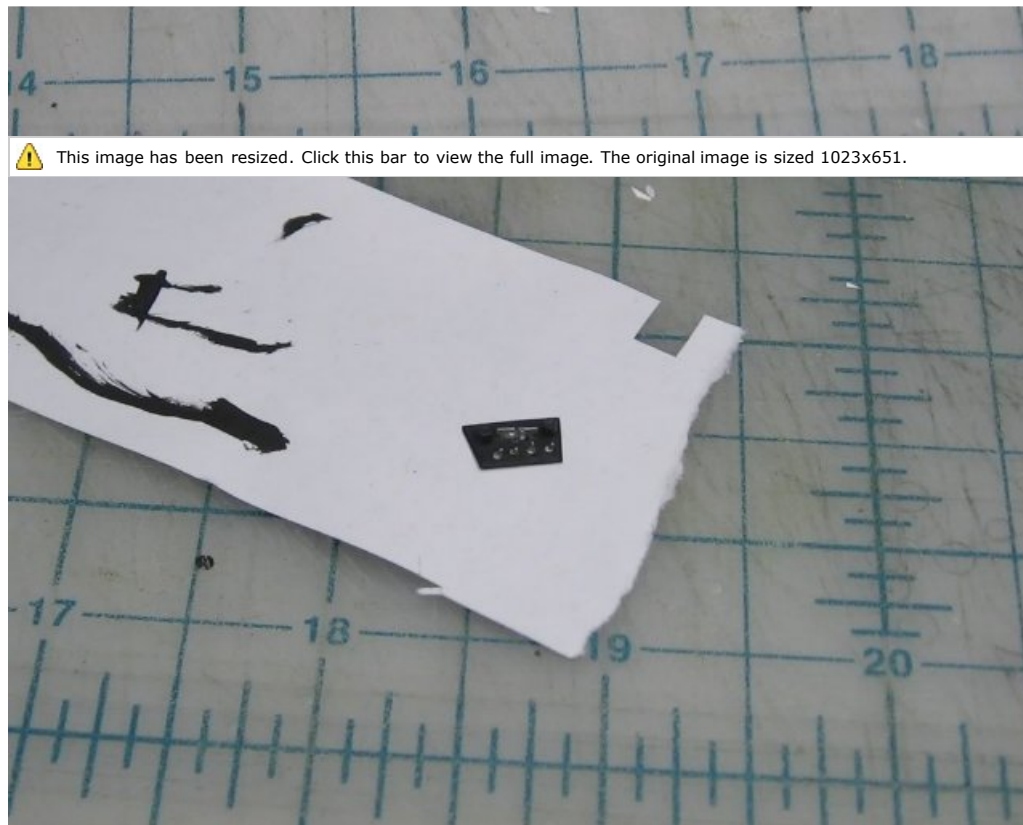
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x660.




Some research revealed that the top of the center pedestal mounts the start panel, with the ignition switches and the like, so a good time as any to fabricate that:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x711.






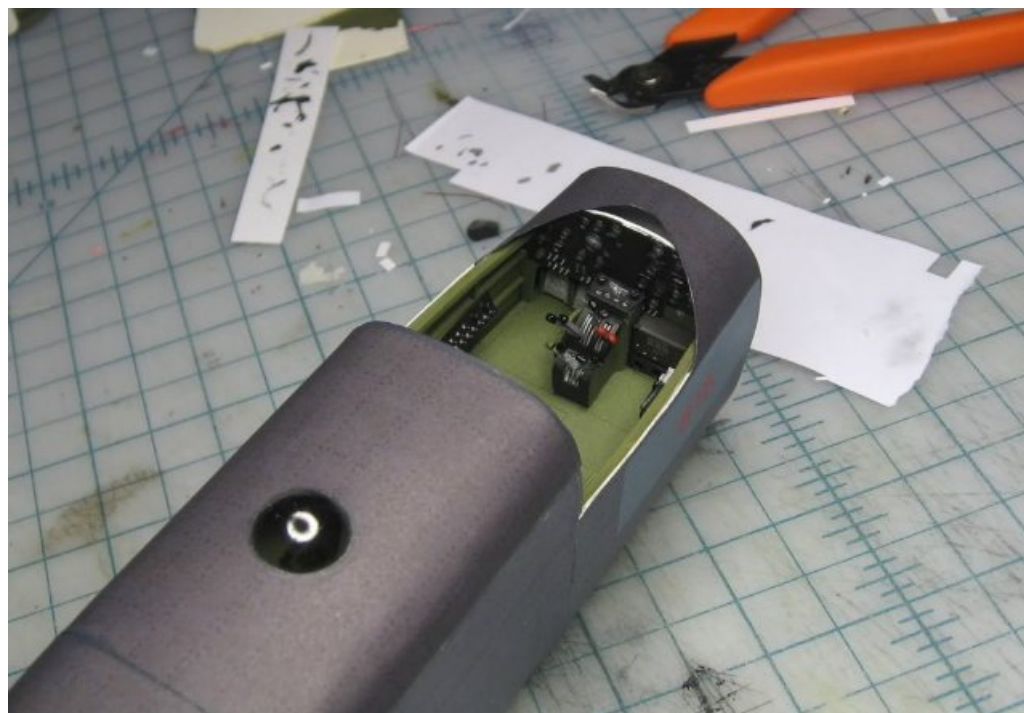
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x651.

And here's all of it installed :



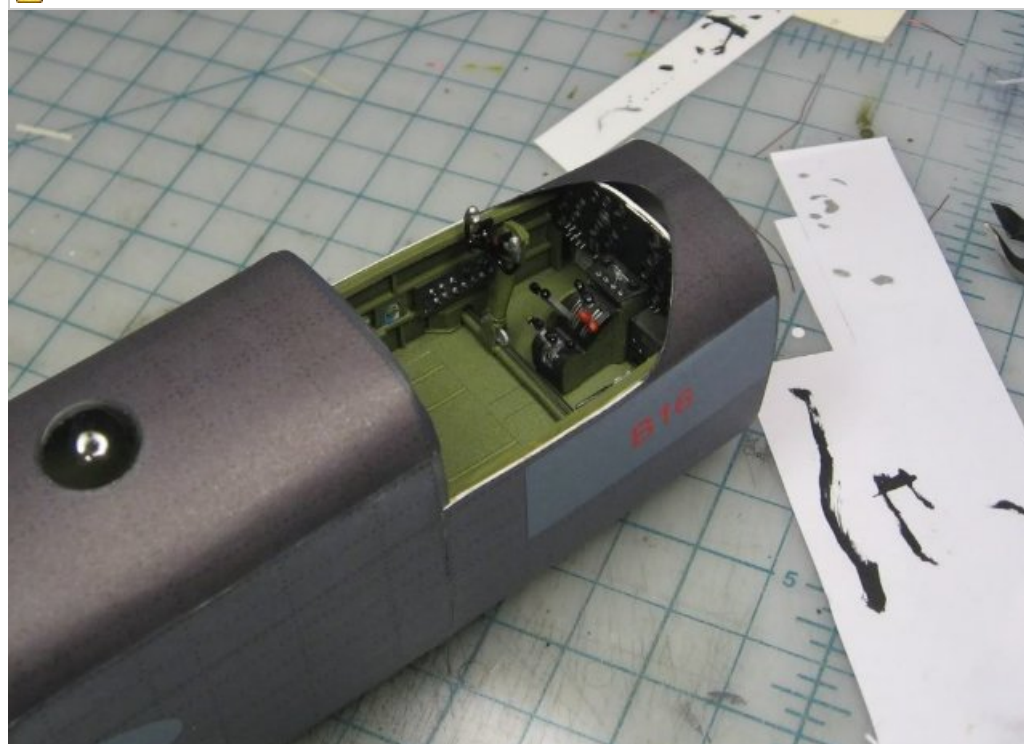
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x799.


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709.



Just for kicks, the control column thrown in to see how it all plays:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x739.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x759.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x772.

You can see the "silver box with black knob" on the last shot. Don't know what it does, but it looks cool, I guess....

I've exhausted all the Orlik parts for either side, so it's going to be some scratched tid-bits from now on to fill in some of those voids, plus some items I've discovered that Orlik left out.

Mike

"Please to continue....."


Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Wily
Member

Join Date: May 2009
Posts: 152

Quote:

Originally Posted by **CMDRTED** 
Mike this is the thread I show people what is possible with paper models. It usually involves 20 minutes of every comment from I can't believe... to no f-ing way! Truly the best work done and posted on any site!

I do too...maybe when bomarc finishes this thread, a permanent photo-only post could be made to show beginning-to-end...?

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



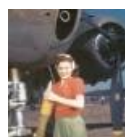
kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Quote from Wily" *...maybe when bomarc finishes this thread, a permanent photo-only post could be made to show beginning-to-end...?"*

That's a great idea!

Ken



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

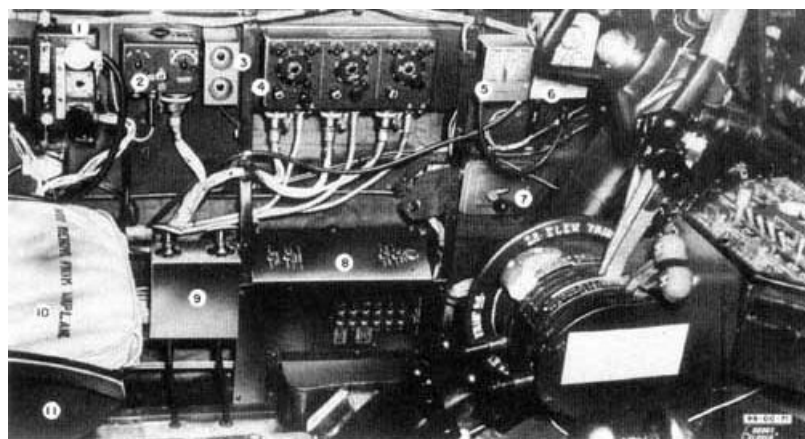
Originally Posted by **Wily**
maybe when bomarc finishes this thread, a permanent photo-only post could be made to show beginning-to-end...?

Fine with me, but that's for someone else to figure out...I only build 'em. 😊

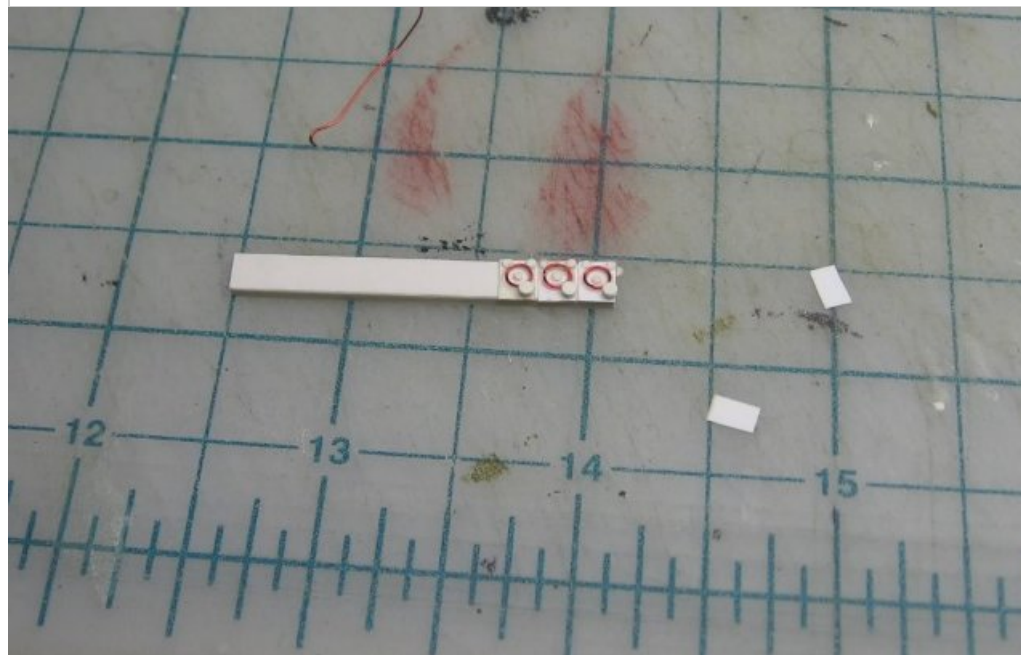
My Photobucket account shows that the album I use for this forum has **668** images in it as of this writing, and I'd say 95% of that is for this build....

Speaking of Photobucket....BONUS PICS!!!!

I was able to cobble together a couple of more things after my post last night. This is the controllers for the SCR-274 radio set (item "4" in the first pic):



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x652.

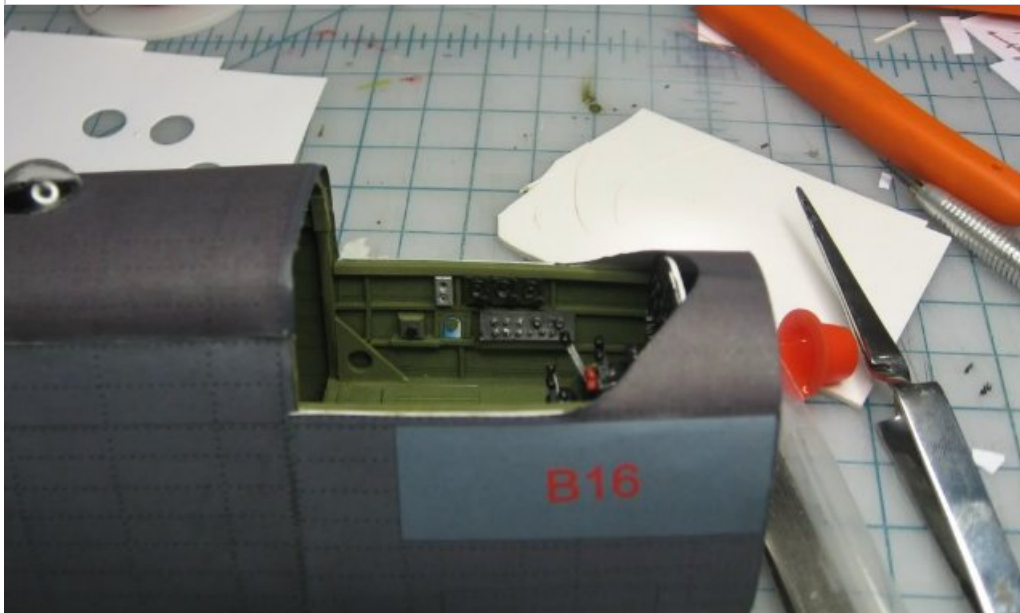


⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x703.



I have new angle when making these little fiddly bits. I don't sever the part from the "stick" until I'm finished with it, then I can just touch up that edge. Much easier (and cleaner). On the other end of the stick I made the radio gear detonator switches (item "3" in the pic above):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x610.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51siq.ipbfree.com/index.php>



« First < 18 58 66 67 **68** 69 70 78 > Last »

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 **Post Reply**

« First < 19 59 67 68 **69** 70 71 79 > Last » ▾



cmdr199212 

Member

Join Date: Jul 2008
 Posts: 49

wow dude, awesome as usual. Abso-bally-lutly beautiful!!!

 **Quote**



peter taft 

Member

Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,073

Stunning work as is the norm from you Mike 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
 Fandersons are everywhere**

 **Quote**



Wyvern 

Member

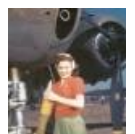
Join Date: Jul 2009
 Location: North Florida, USA
 Posts: 1,023

This model could be used as training aid for prospective pilots, if the PBJ were still in service!

Bomarc, this is beyond belief.

Wyvern

 **Quote**



Bomarc 

Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Thanks guys. Your kind support keeps me going on this epic more than you know....

Speaking of PBJ's in service, my internet travels this morning happened upon this:

 This image has been resized. Click this bar to view the full image. The original image is sized 1000x657.



It's a 1/72nd scale diorama of a Marine PBJ-1H attacking a Japanese "Kaibokan" (escort) ship. The ship is scratch built, the plane an off the shelf Italeri B-25H kit.

Details [here](#)

Gallery [here](#)

"Go get 'em Marines!!...."

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>

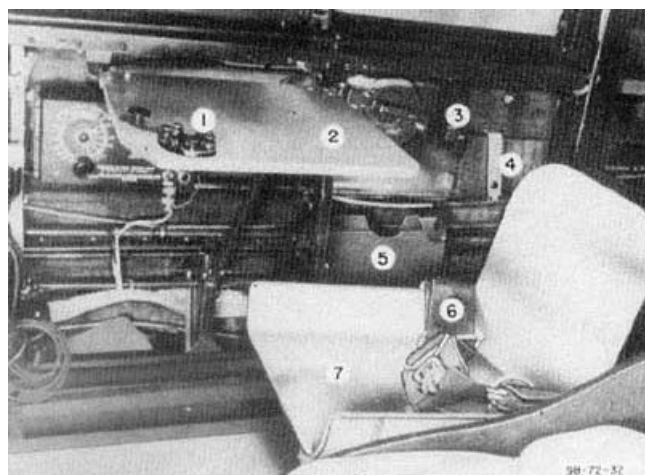


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

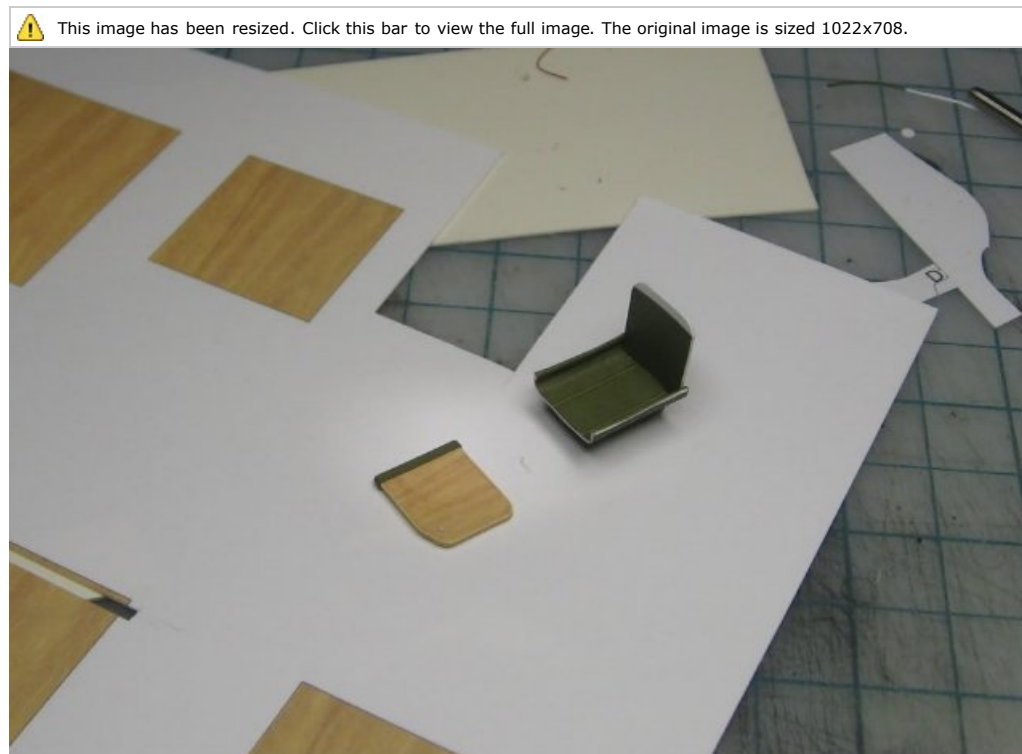
This cockpit just keeps on keepin' on.....

I mentioned before that Orlik had missed some salient cockpit features of "H" model Mitchells. One detail is that the navigator/cannoneer station occupies the space that was usually reserved for a co-pilot:

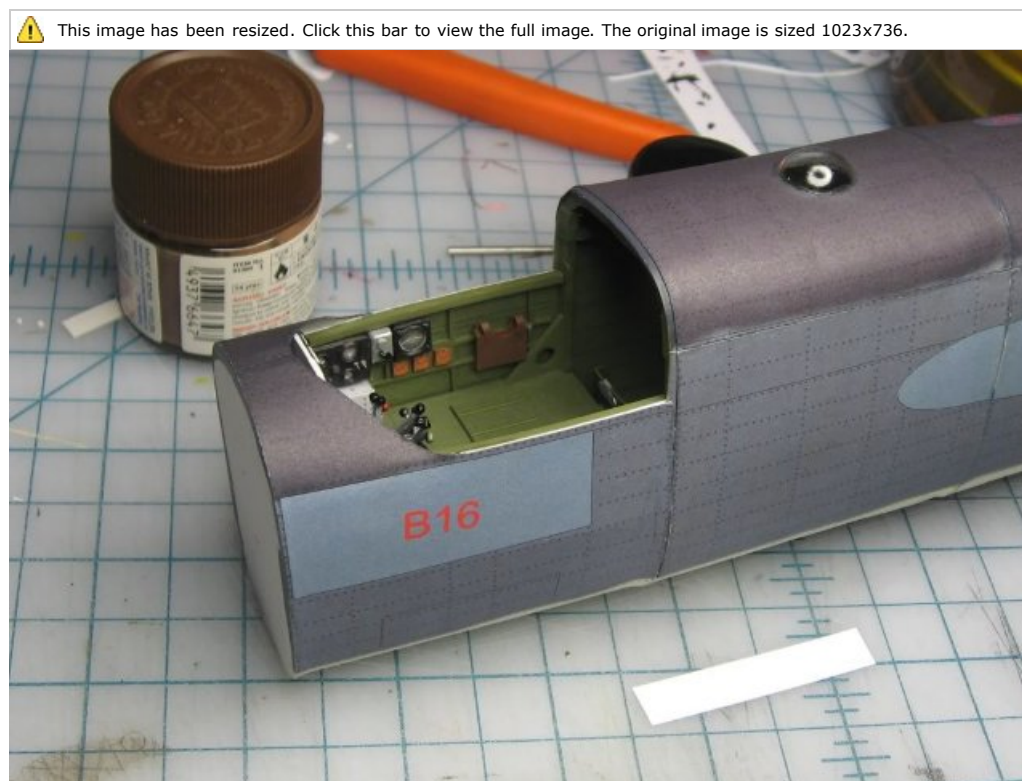


Orlik just supplies two identical seats side by side. I took one and cut it down and modified it to look more like the "half seat" the navigator was given. Then I did a web search and found some wood grain images and scaled one I liked to several different sizes, printed it on 65lb paper, picked out the one that I thought looked most in scale for this model, glued that to

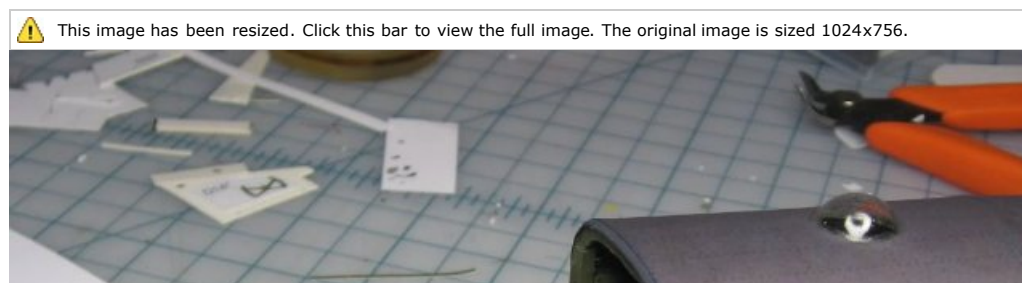
0.5mm card and fashioned the navigator's wooden desk (item "2" in the above image):




The hole in the corner is for a telegraph key (item "1"). I'll make that later. Also made the navigator's map case (item "5") from 65lb paper. Took a picture of it now before it gets lost with all the other stuff installed:

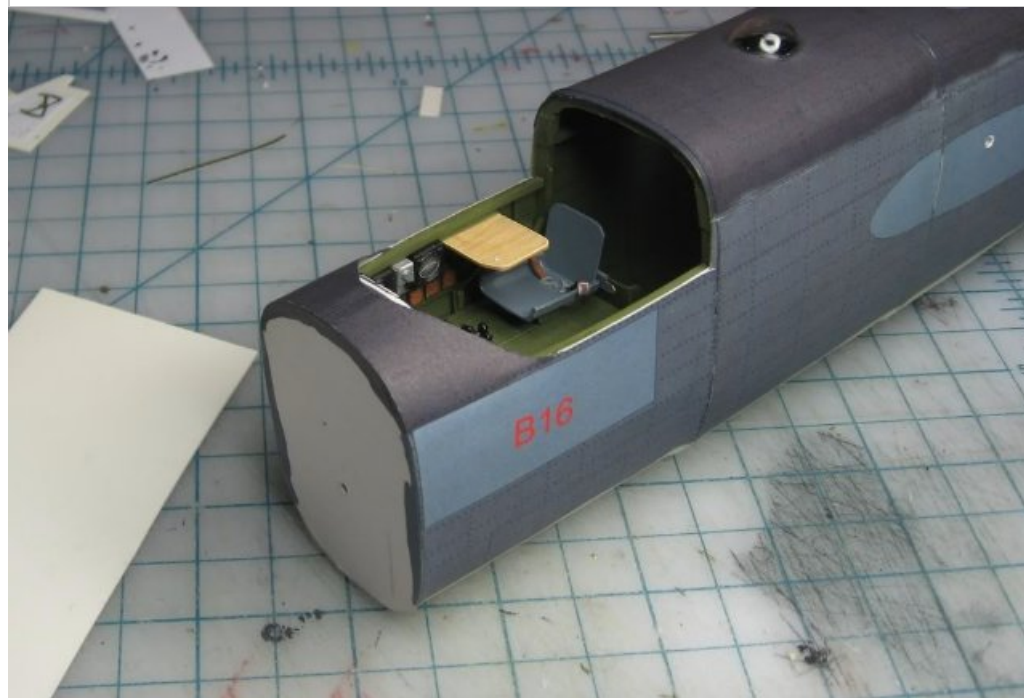



Made a prop for the desk from 0.025" music wire and installed that with the desk and the seat. Since the navigator's seat looks lighter than the pilot's seat in most of the photos I've seen, I decided to paint it "Navy gray". Just adds some more color in there:






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x694.

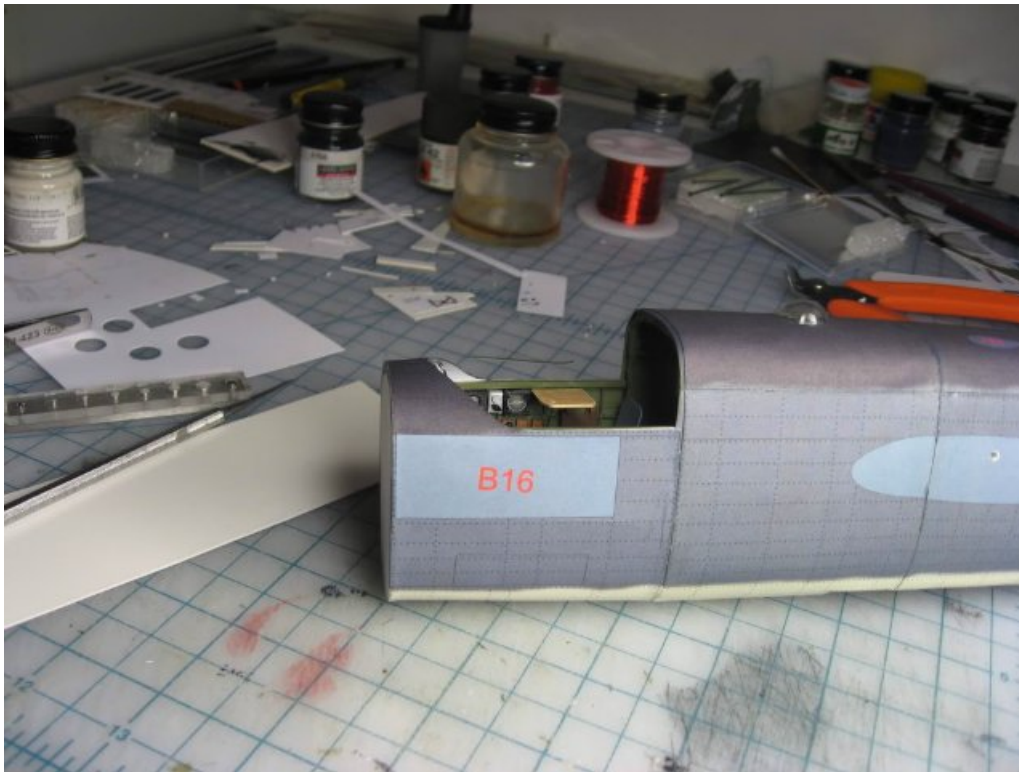


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x706.



And you can just see the map case, which is kinda in keeping with the original article :

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



That's it.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



billy.ieliveld

Member

Join Date: Oct 2007
Location : Rotterdam, Holland
Posts: 945

I think you just forgot the co-pilot's lunchbox 🍱
New standards in papermodeling ! Amazing!

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT....,76.728516&z=4>



Bomarc

Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 506

Quote:


Originally Posted by [billy.ieliveld](#)
I think you just forgot the co-pilot's lunchbox

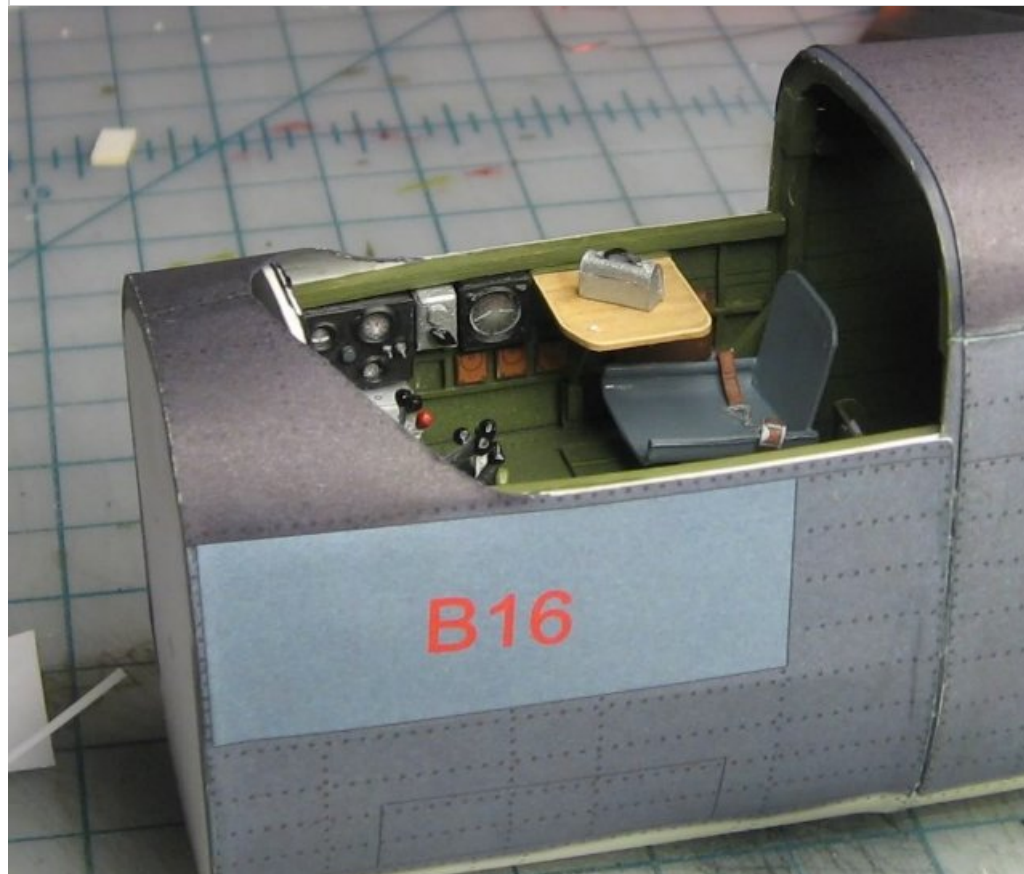
Just for you Billy 😊

This image has been resized. Click this bar to view the full image. The original image is sized 1023x741.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x873.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51siq.ipbfree.com/index.php>



barry 
 Member

Join Date: Jul 2007
 Posts: 1,424

Amazingyou don't rent your fingers out do you ? Thought not a pity

barry

[http://ecardmodels.com/shop/index.ph...acturers_id=35](http://ecardmodels.com/shop/index.php...acturers_id=35) >Sealand -Express, Tarawa, Gearing, Colossus, Spruance





billy.lelived

Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 945

My entire family is ROTFL

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **billy.lelived**
My entire family is ROTFL

And that makes my day. Please give my best to your family....Cheers!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 19 59 67 68 **69** 70 71 79 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:02 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

« First < 20 60 68 69 **70** 71 72 80 > Last » ▾


Wily

Member

 Join Date: May 2009
 Posts: 152

bomarc -
 Maybe you've already answered this question, but is that solvent-based or water-based paint you're using?

There's no warping...or distortion...

wily
 "I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com

 Quote

Bomarc

Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

Originally Posted by **Wily** ▾
*bomarc -
 Maybe you've already answered this question, but is that solvent-based or water-based paint you're using?*

No problem John. For the majority of the colors it's acrylic model paints, either Tamiya or Model Master (Testors). I thin both brands down a tad to get better flow from my brush. Sometimes that means a second coat due to lack of coverage of the first coat, but I'm OK with that. The silver and gray (like the seat above) are Model Master enamels, also thinned a bit.

No rhyme or reason as to which I use, it's whatever I have for what color I need!

HTH

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>

 Quote

Bomarc

Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

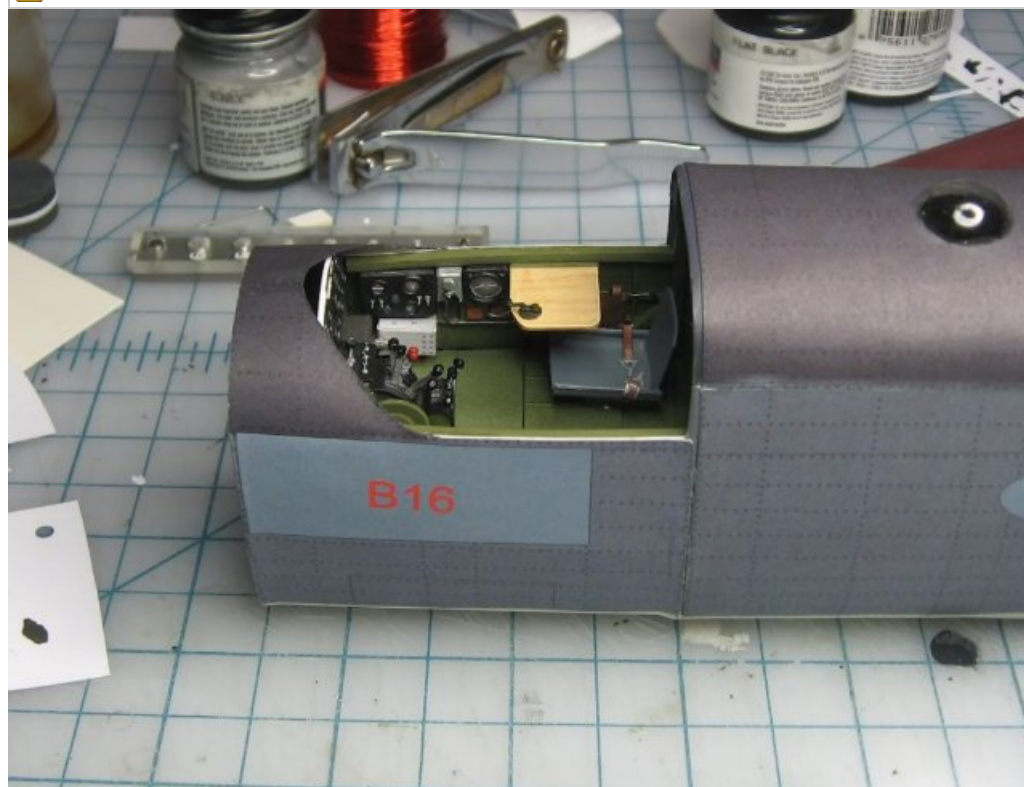
OK, I'm calling the right side of the cockpit done! I added the telegraph key to the Nav's desk (his lunch box got stowed in the back 😊) and added a small amount of wiring to and from components. Not too much, it's crowded enough in there, just want to give the suggestion of "busy":


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x749.

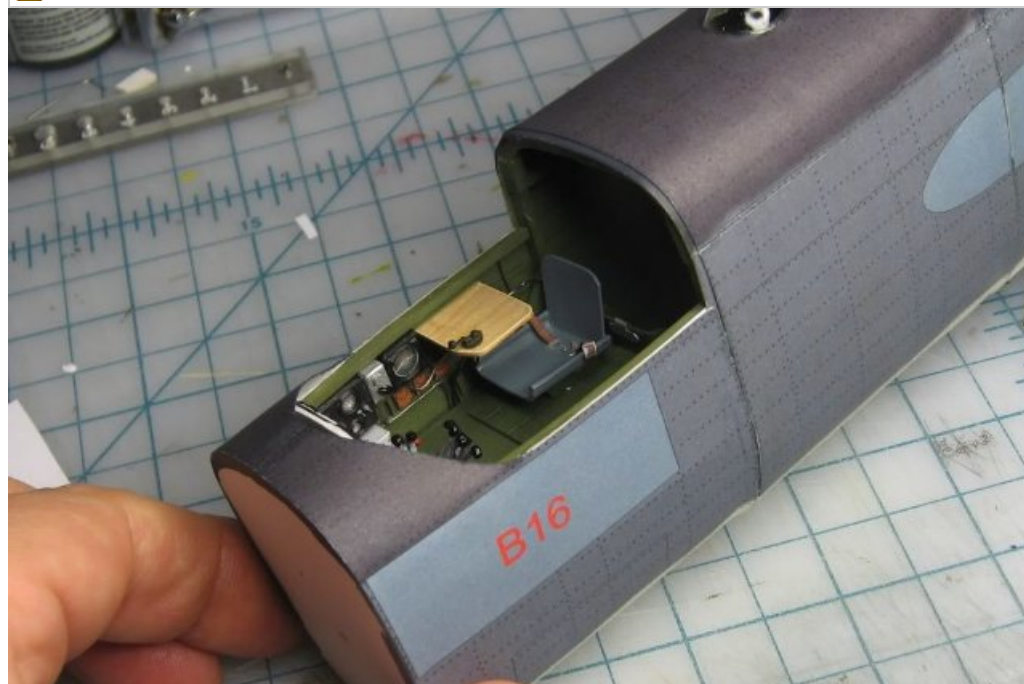




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x782.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x680.



On to the left side!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



dhanners

Member

Join Date: Jul 2007
Location : Roseville , MN
Posts: 89

If there was a scale sandwich and Thermos in that lunchbox, then I'm giving up....



shawnr5

Member

Join Date: Jun 2007
Posts: 71

It's probably got a scale spork in cellophane and little tiny salt and pepper packets filled with scaled down spices.

Quiet in the corner



Retired for now

Member

Join Date: Jun 2009
Location : NW Florida
Posts: 1,051

And an itty-bitty p38 to open the tiny cans in his C-rats.

Yogi



Bomarc

Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 506

Don't temp me guys, I have one of those P38 openers I can scale off of right now.....😁

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



peter taft

Member

Join Date: Jun 2009
Location : Nottinghamshire
Posts: 1,073

Well, Mike knows i love the Interiors of models and especially the cockpit - well Mike, you sure have done yourself proud here, and i am very very proud to show your work to my GOBSMACKED friends here - Is that a cockpit or is that a cockpit - It's beautiful Mike 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**






Bomarc 
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

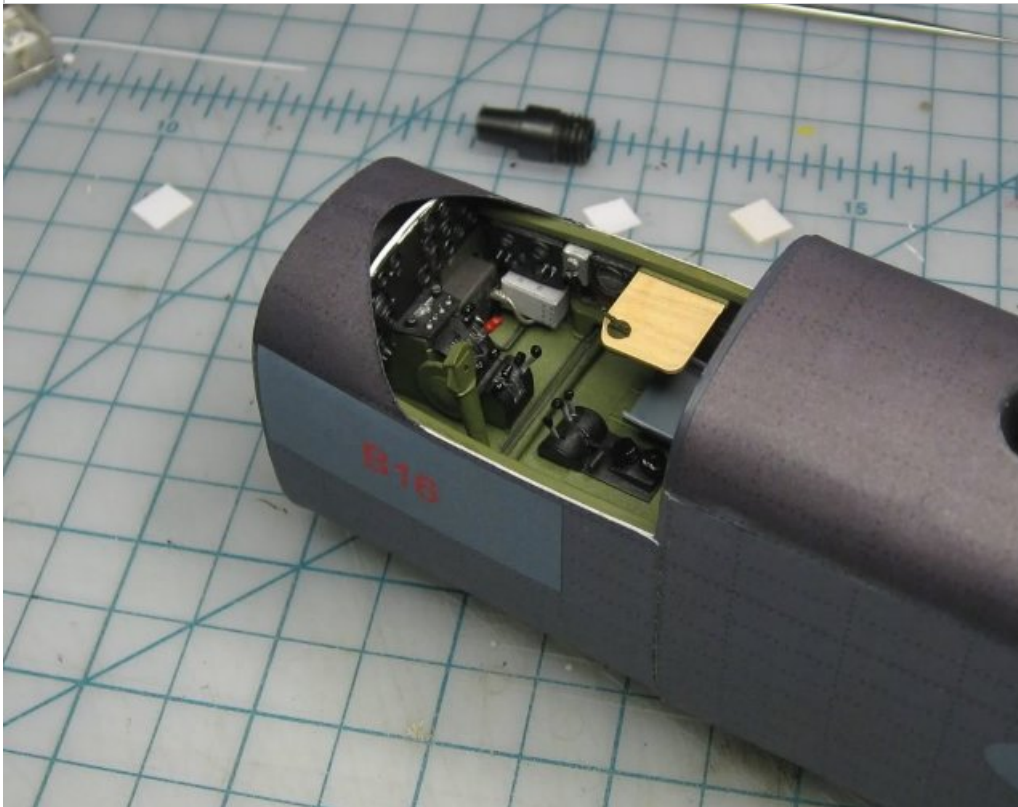
Quote:

Originally Posted by **peter taft** 
..... i am very very proud to show your work to my GOBSMACKED friends here....

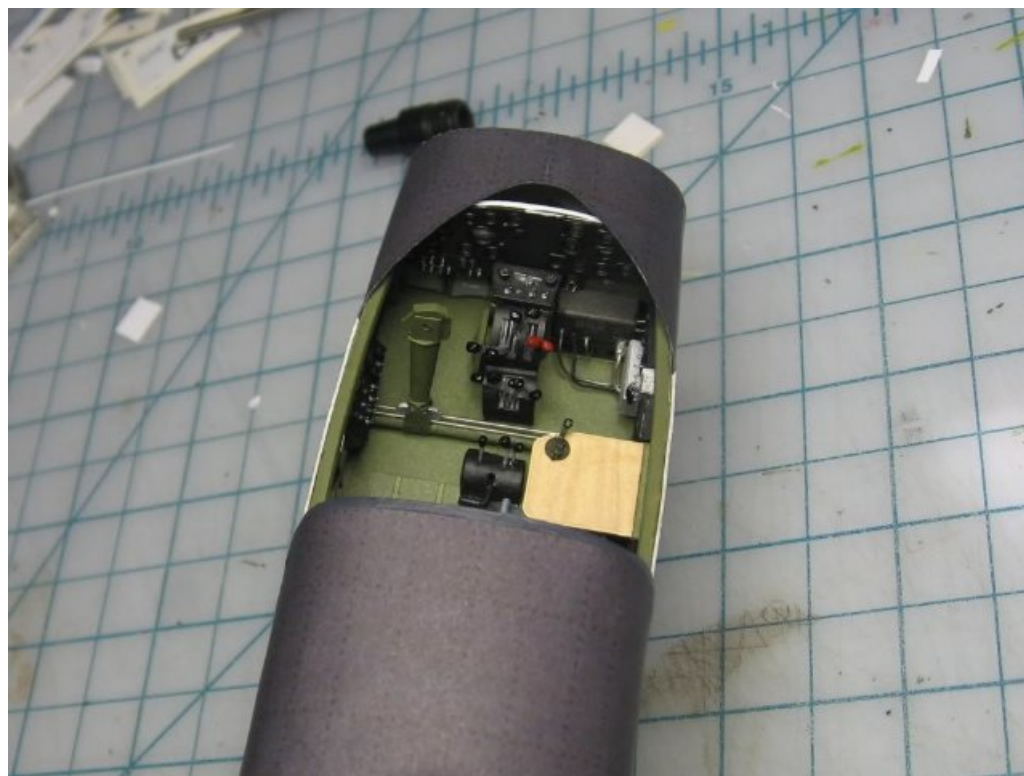
Well Peter, if this thread has taught me anything, it's the meaning of the word "gobsmacked", thank you (and Mick) for that..... 😊


Did a little more last night. The control column was permanently installed (I took off the yoke for ease of assembly). In an ironic twist, even though I said I would not do any more "operable features", because of the way I set it up, it can move back and forth, a happy (and unintended) added benefit! Combined with the yoke rotating on the metal rod it has, I can set whole assemble to correspond to whatever I eventually decide the final control surfaces positions will be (less the rudders, which will have to be neutral, those pedals ain't movin'). Also fashioned the last bit of center console, which I now could add after the the column went in:

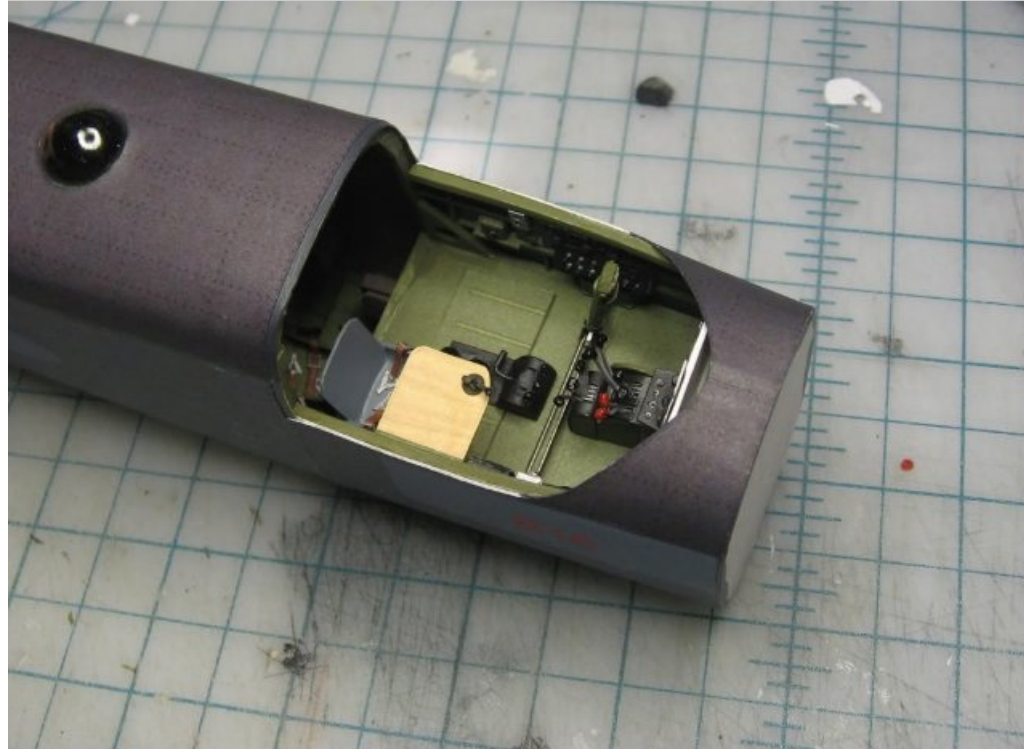
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x805.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x750.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x713.



The controls for that mini console are (L-R): Wing Flap control, then the two Cowl Flap controls, behind them, the "L" shape handle is the Lander Gear level, and behind that the Aileron and Elevator trim knobs.

Didn't think you'd get such a B-25 education, did you?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



Stev0
 Member

Join Date: Jul 2007
 Posts: 1,071

Makes me want to jump into a game of Sturmovik 46' right now.



« First < 20 60 68 69 **70** 71 72 80 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

BB code is **On**
 Smilies are **On**
 [IMG] code is **On**
 HTML code is **Off**
 Trackbacks are **On**
 Pingbacks are **On**
 Refbacks are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:03 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ©
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 21 61 69 70 **71** 72 73 81 > Last » ▾



Don Boose 
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

That is a truly outstanding flight deck interior, Mike!

I guess you have a P-38 handy. If not, I have one on my key chain.

And although it is 25 years too late for this 1944/45 PBJ, I also still have my Vietnam-era McIlhenny Tabasco *Charlie Ration Cookbook* . . . just in case you ever model an AC-47 ("Any Place, Any Time, Any Where," Yogi).

Don

 Quote



the hermit 
Member

Join Date: Oct 2008
Posts: 161

i cant wait to see what you will do with the canopy install..

simply great stuff, love it

 Quote



Bomarc 
Member

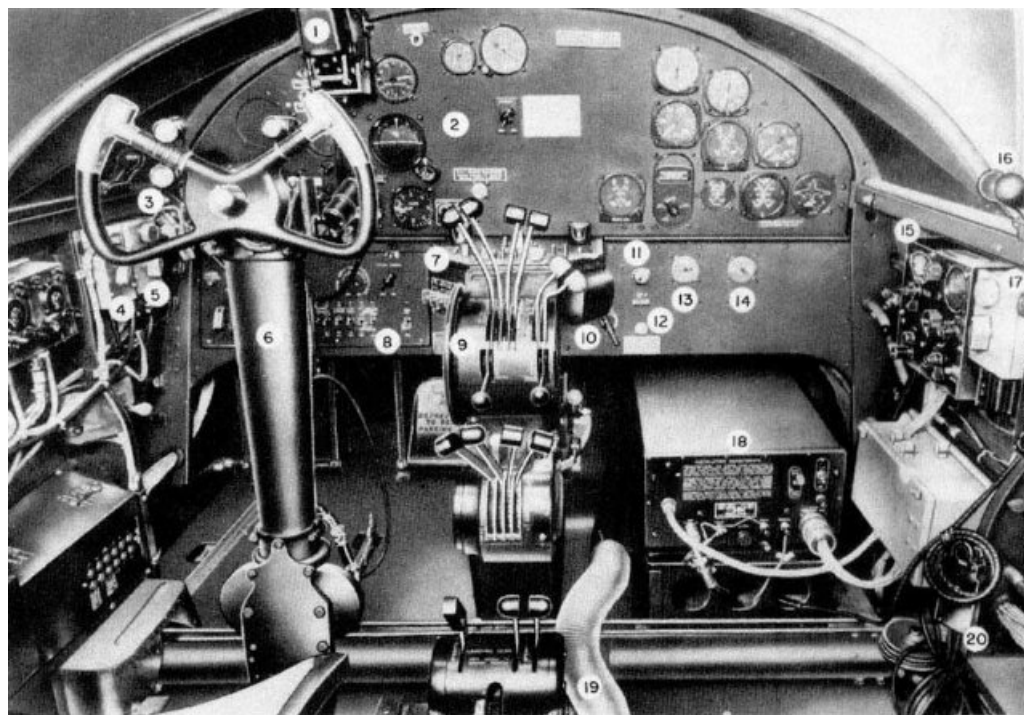
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Sequence of Assembly!!!

This installment is brought to you from the "why the hell didn't you put that in before the other thing, you moron?" department.

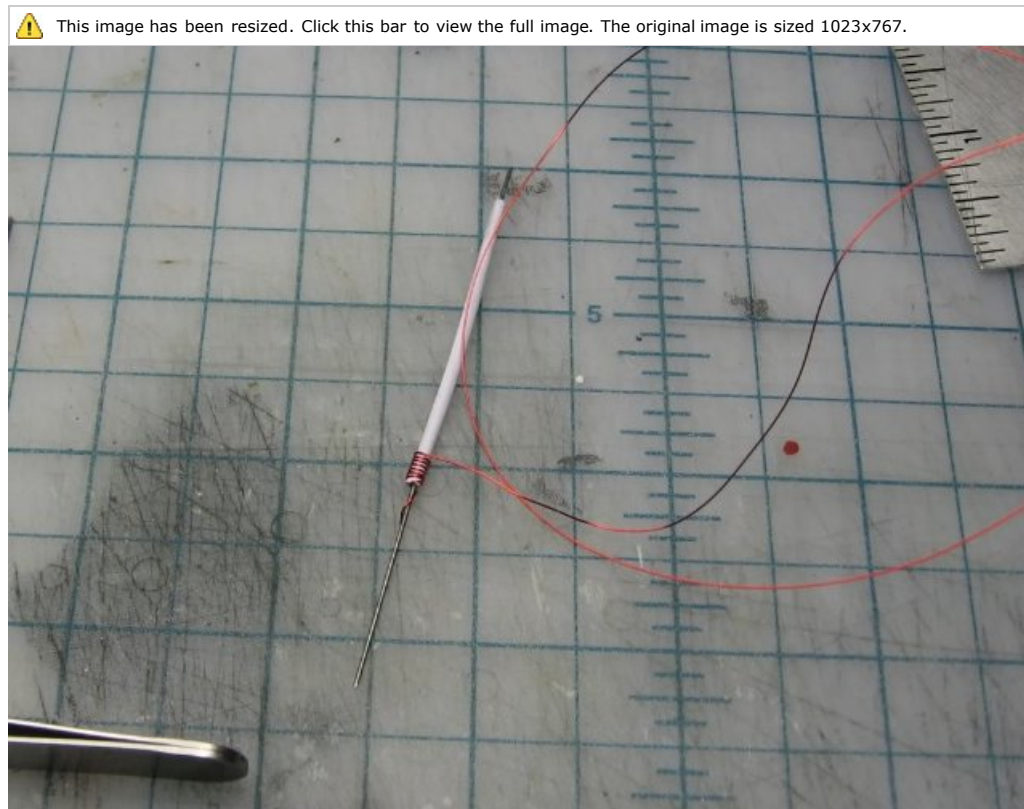
There is one last thing to add to the floor on the right side: a flex trunk for the defogger. Runs right over the control column shaft to somewhere behind the instrument panel:

 This image has been resized. Click this bar to view the full image. The original image is sized 840x582.

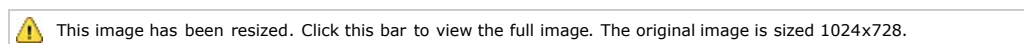


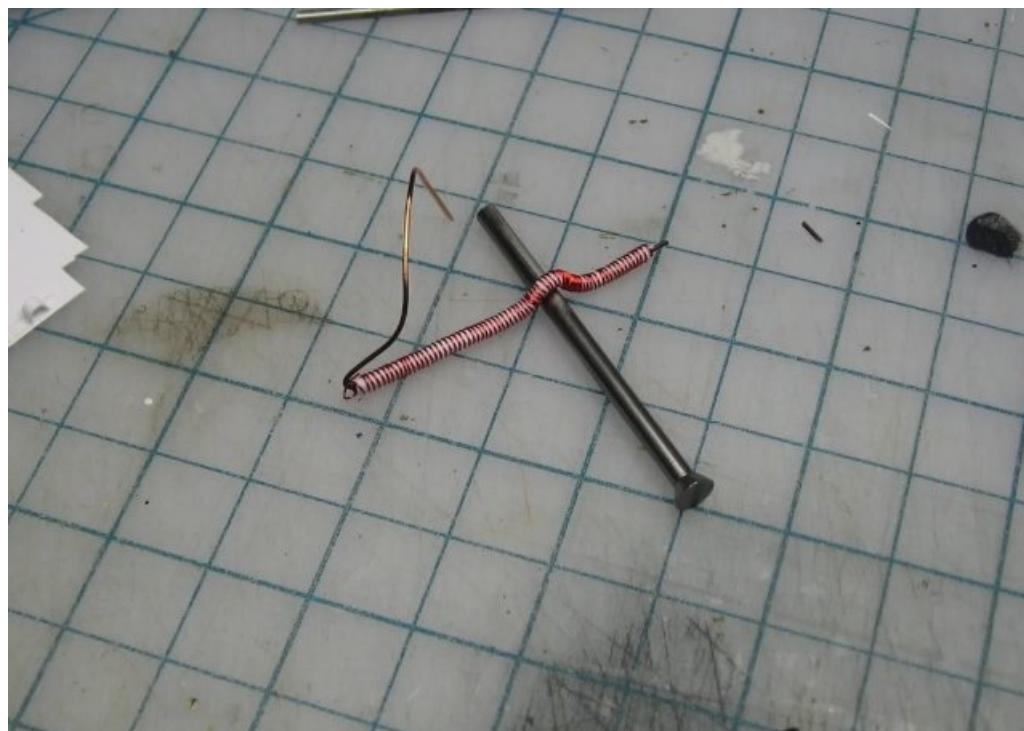
It's a pretty distinct piece in there and I wanted to include it. Problem is I don't have the space to snake it past that component sitting on the floor like the pic above, so my trunk will pass through one of the lightening holes in the mounting bracket. I'll let Don come up with a plausible explanation as to why NAA was force to change the routing of the flex tube.

So to make the tube, I used a variation of the age old technique used for making oxygen mask hoses. First I tightly rolled some printer paper around a piece of music wire (I think this was 0.025"). Then I started wrapping it with the same fine copper wire I used in other parts:




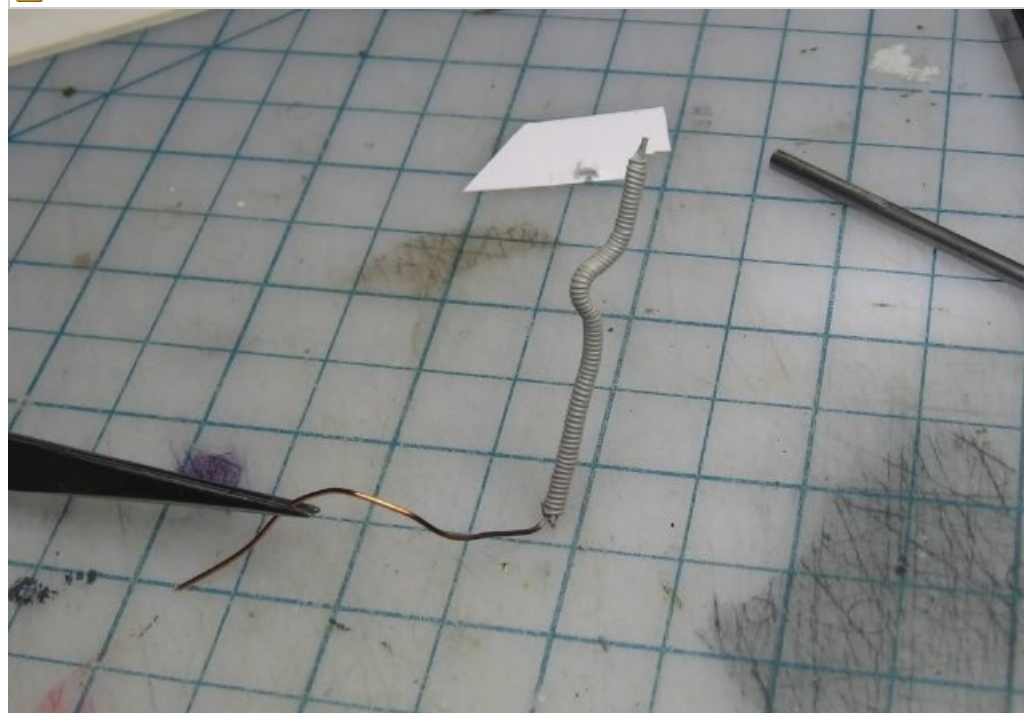
The music wire keeps the roll straight and compressed as I wrap. After wrapping, I removed the wire and replaced it with a similar thickness of copper wire. Then I could shape the "flex tube" to hump around the control column:






Painted a shade of gray:

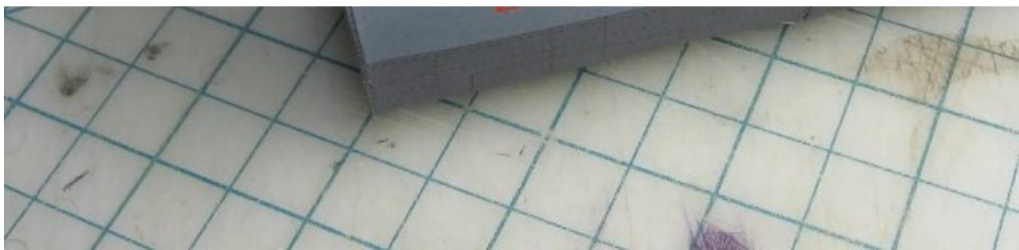
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x708.



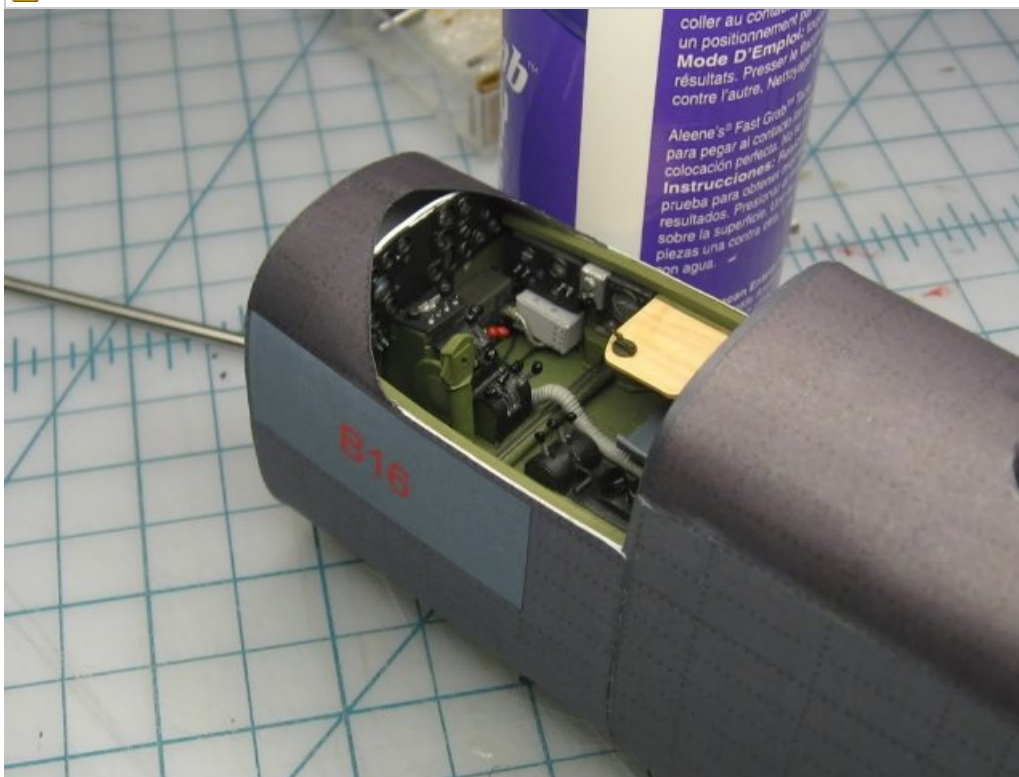
Now the idiocy. Since I already installed the Nav's seat and the small center console, I had to try to snake this tube through all that and get it into the hole up front. I took out a trim knob and a lever on the console wiggling that thing in, but hey, I got 'er in!! Here's the result after the appropriate repairs:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x764.

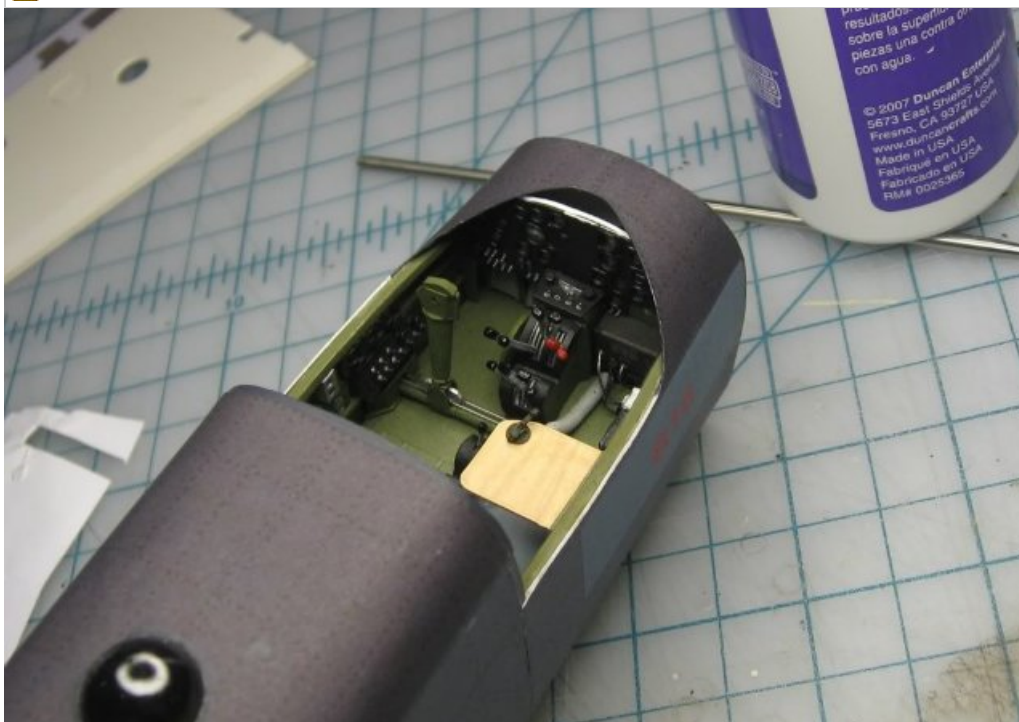




 This image has been resized. Click this bar to view the full image. The original image is sized 1022x771.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.



Repeat after me class: "Sequence of assembly....sequence of assembly...."

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>

**cmdr199212**

Member

Join Date: Jul 2008
Posts: 49

wow, cool technique!

**birder**

Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 1,978

Incredible! Oh and I'm waiting for the story from Don!

Glen

**medved**

Member

Join Date: May 2009
Location: South of Heaven
Posts: 136

It occurs to me that it should be possible to transform this thread into an eBook of sorts. This level of craftsmanship needs to be promulgated & oft-referred to I think!

If no-one has any objections I would like to give it a shot in the not too distant future. I think that it should be possible to edit out the *non-maestro* commentary leaving just the patent Bomarc master-class. (Or it could be the whole thread...)

What is the consensus on that idea?

<http://www.histwar.com/>

**SJPONeill**

Member

Join Date: Nov 2008
Location: Near the Spiral, NZ.
Posts: 375

medved, great idea and probably better with only the maestro comment...

[The World According to Me](#)

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **medved**

If no-one has any objections I would like to give it a shot in the not too distant future.

Fine with me if you think it would be of any use. Seems like a lot of work though.

I'll let the membership decide if it should be the "whole enchilada" or just distilled down to my (seemingly endless) ramblings. My vote would be for the whole thread, as a lot of contributions were made from a lot of folks (you know who you are) that I incorporated into this build. I said it before, but this build is very much a product of the denizens of PM.com as it is mine.

My 0.02 cents....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 12-07-2009 at 02:00 PM.



Wyvern
Member

Join Date: Jul 2009
Location : North Florida , USA
Posts: 1,023

I agree, this thread deserves to be preserved for the ages.

Wyvern



Retired for now
Member

Join Date: Jun 2009
Location : NW Florida
Posts: 1,051

Medved - good idea, though I would retain those comments that directly relate to the build (data and information, techniques suggested, etc.). You can use the 500 or so stunned/admiring comments for the forward.

Yogi



« First < 21 61 69 70 **71** 72 73 81 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:03 AM.


[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
 Password

 Post Reply

« First < 22 62 70 71 **72** 73 74 82 > Last » 




peter taft 
 Member


Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,073



Quote:

Originally Posted by [Retired_for_now](#) 
Medved - good idea, though I would retain those comments that directly relate to the build (data and information, techniques suggested, etc.). You can use the 500 or so stunned/admiring comments for the forward.

Yogi

Yogi's got the plot right here - Great idea Medved 

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
 Fandersons are everywhere**

 Quote



medved 
 Member

Join Date: May 2009
 Location: South of Heaven
 Posts: 136

I think I may have to do one of each.... I can see from a technical pov that limiting the content to build related is helpful, but from a social pov the banter etc is all part of what makes this such a good forum....

Hmmmmm this is gonna be interesting...! Hope I can pull it off.

<http://www.histwar.com/>

 Quote



Bomarc 
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

Originally Posted by [medved](#) 
Hmmmmm this is gonna be interesting...! Hope I can pull it off.

I appreciate the effort MV, but please don't put yourself out for this. It seems it would be a lot of work, and I'm not sure of the pay-off.

Well, I guess I better finish this kit, no?

Just because I needed a switch from fiddly bit cockpit stuff, I put together the pilots seat. This would be the last of six seats for this kit (I assembled the tail gunner's seat awhile ago in some down time between other assemblies). I had little to go on as to what goes on in the back of the seat, but since it would be exposed from all sides, I wanted to add *something* to the backside. Here's the one view I could get from the PBJ Mitchell site:

 This image has been resized. Click this bar to view the full image. The original image is sized 840x665.

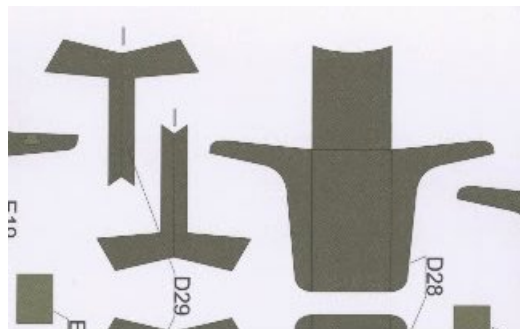



So armed with this partial shot and nothing more, I took a stab at it. The kit seat:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x741.




I wasn't too concerned that the edges of the two pieces of the seat didn't quite align (figures the last seat would be the worse for fit). Orlik just gives you two "L" shaped mounts (D29) to prop the seat up. I folded and glued these together the lopped off the long part that goes up the back:

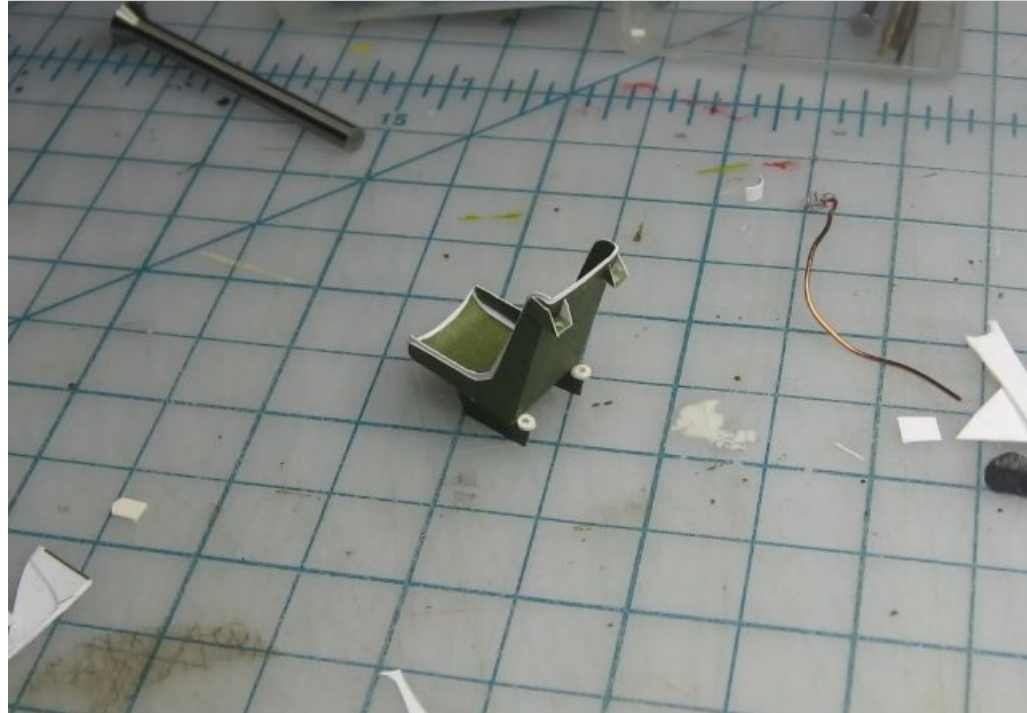


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x701.




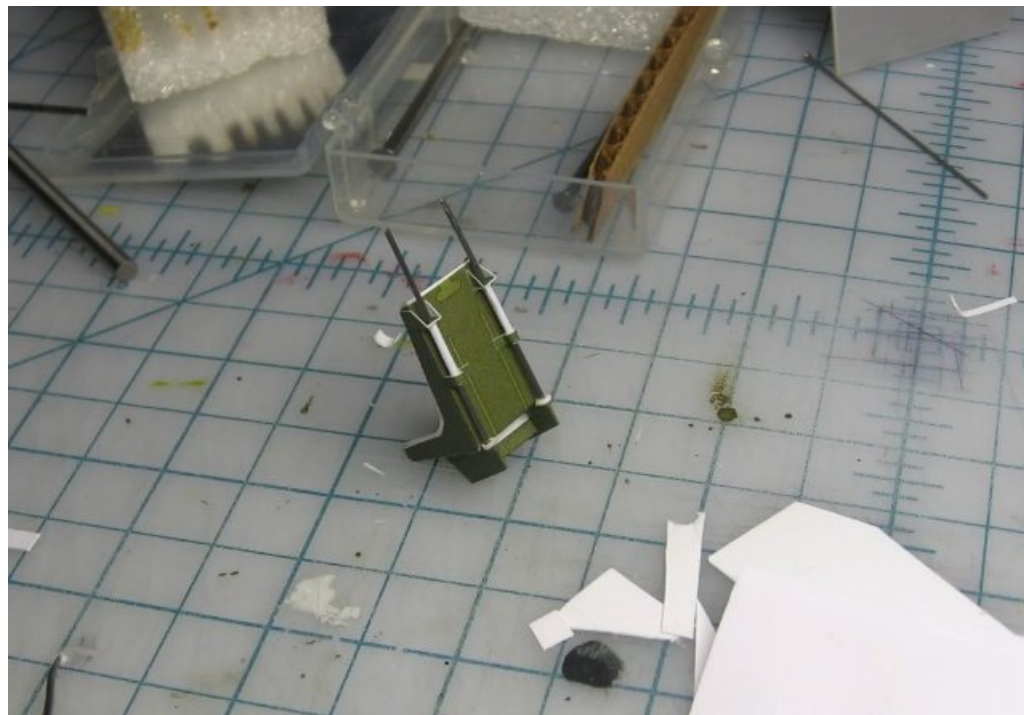
Using the extra interior green material Orlik includes in the kit, I "imagineered" the upper seat mounts:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x714.




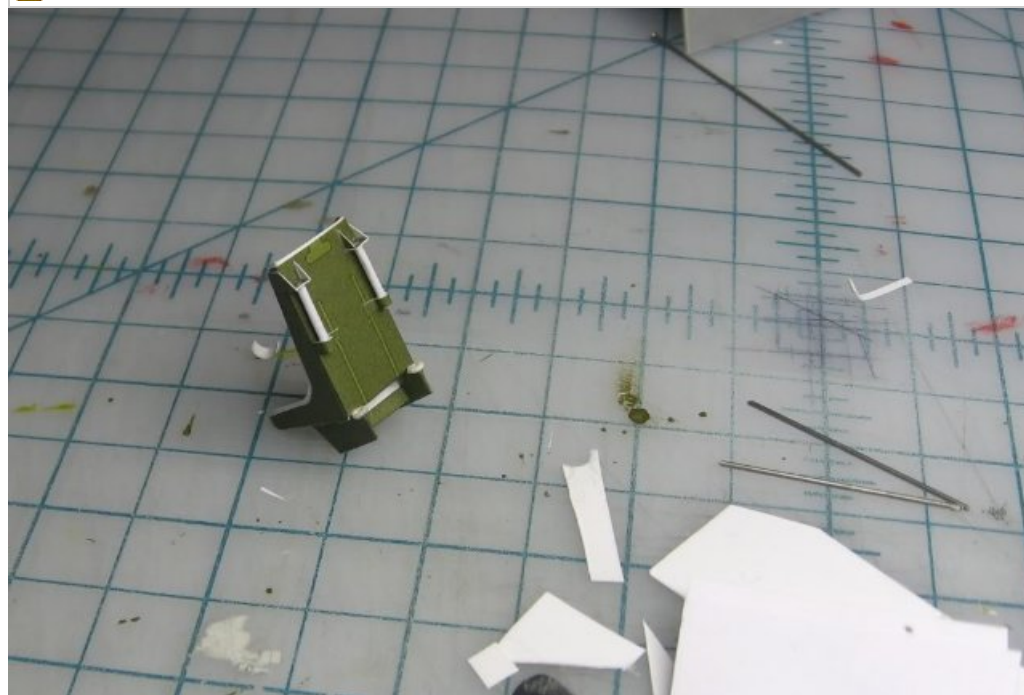
Rolled some paper tubes and inserted short lengths of music wire in the upper and lower "brackets". Also attached the bottom of the tubes with more brackets mid-span:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x712.

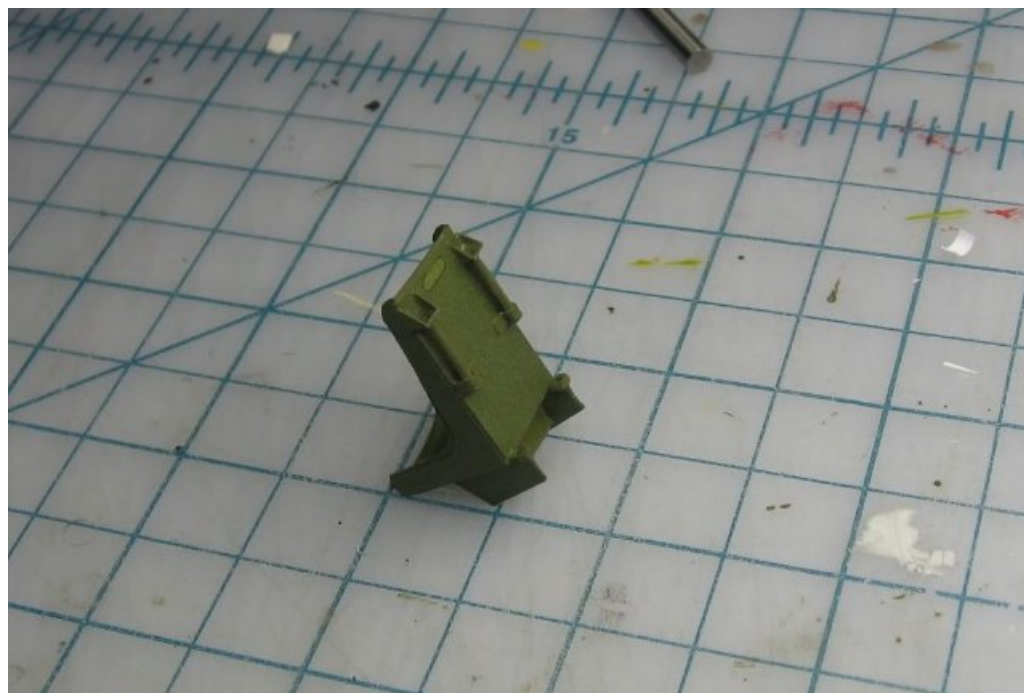


When it was all dry, I could remove the wires and paint out the white:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x689.

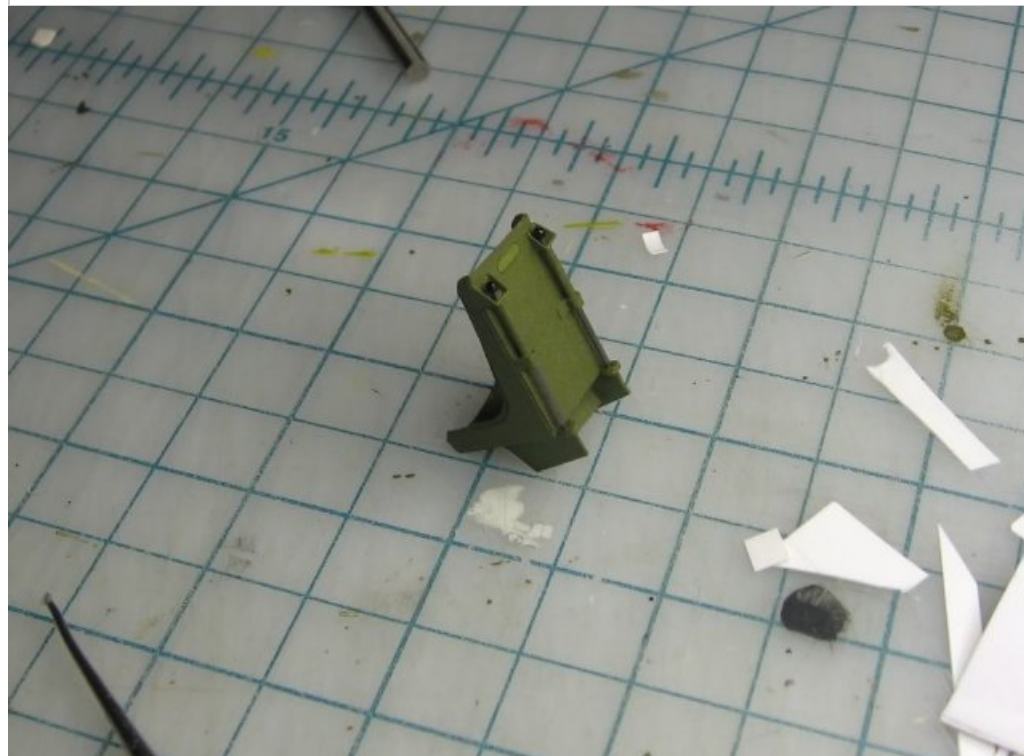


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x689.




Trimmed the wires to length, and there you go:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x755.



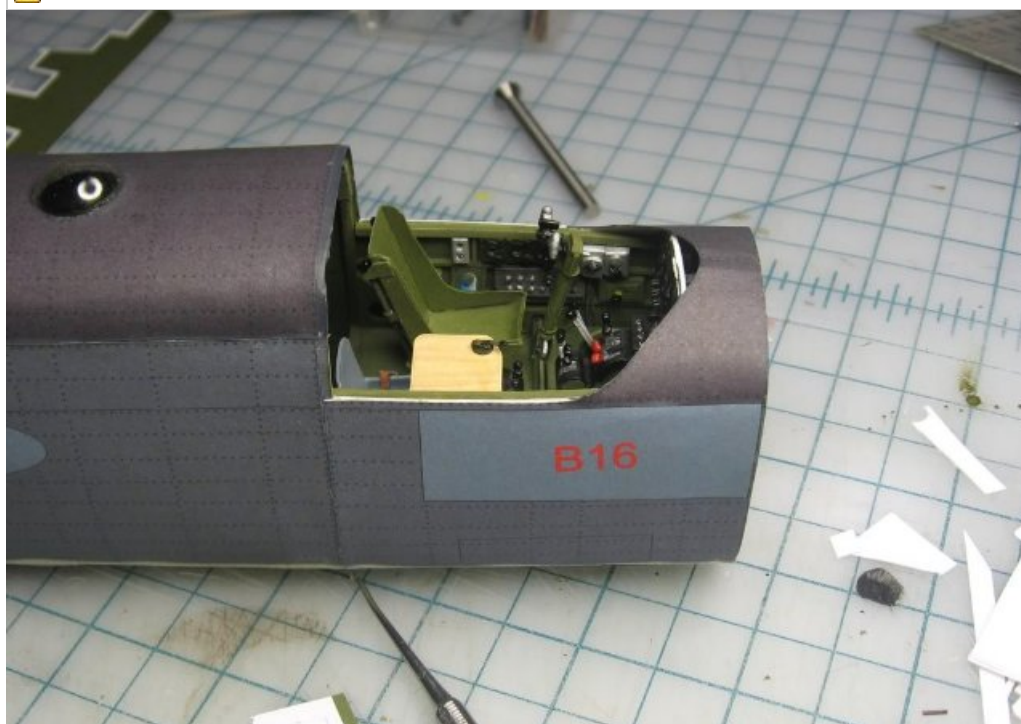
Kinda, sorta like a seat suspension, who knows? The offset edges of the seat don't look so bad painted either. Of course, gotta see if it fits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x772.




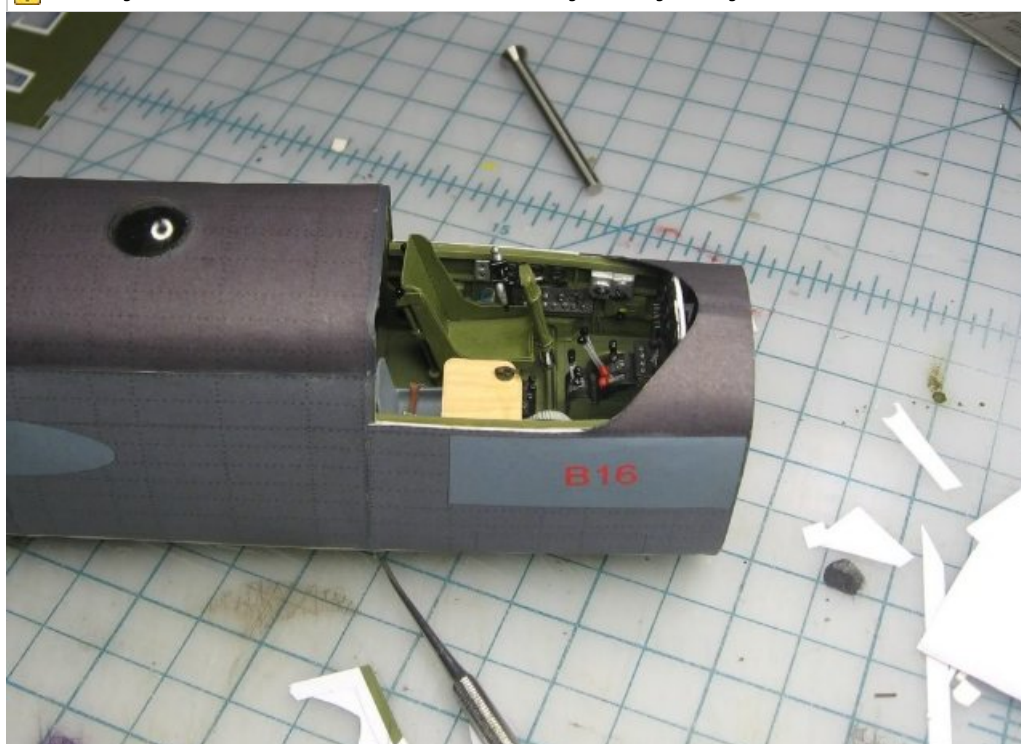


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x717.



Hah! Even with the yoke pulled back:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x738.




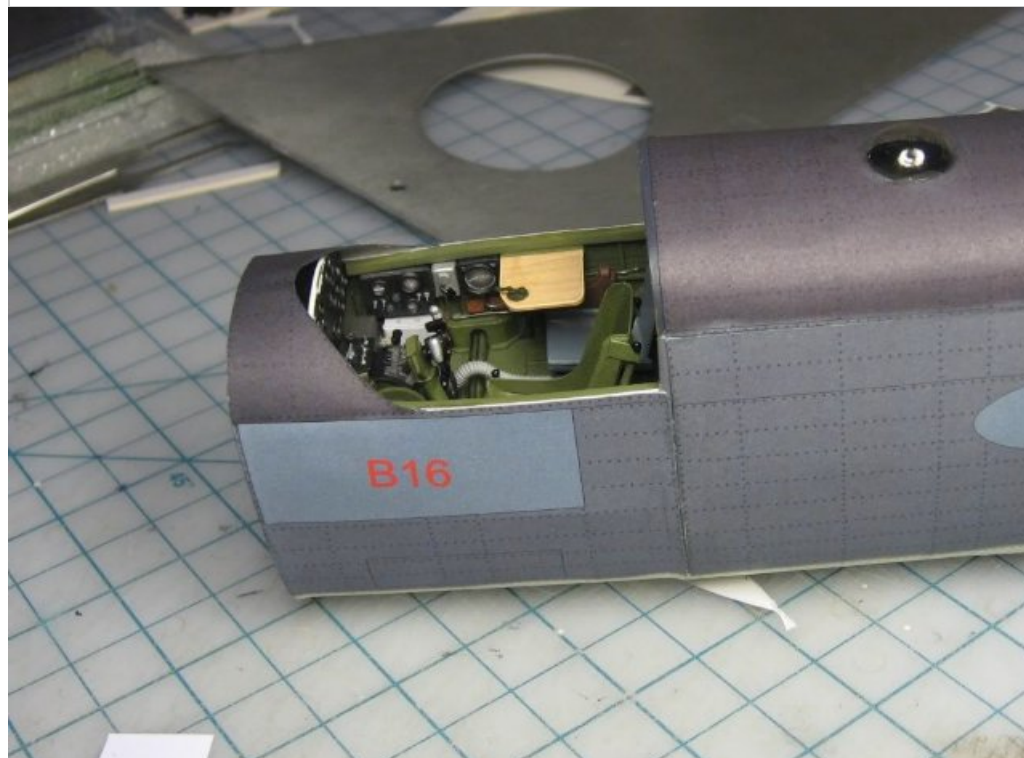
Add some belts, maybe one more item on the left cockpit wall. I also discovered that the "silver box with black knob" on the right side is an intercom switch box, and they're at every station. I made another for the left side, you can see it at the upper right of the left side wall. Just below that is a ventilation control (black knob).

Next the instrument hood, which has already been cut, shaped, and test fitted (sorry no pics yet), and a nifty little gun sight that Orlik included to go on the hood. After those things, it's canopy time (finally)...

Mike

OOPS! Had one more pic in the photobucket account:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755.



"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

.....And the **PRIZE** for **THE BEST DAMN COCKPIT - EVER** {unless you know otherwise...umm, NO i didn't think so 😊 } goes to:

Mike - the MAN - the MISSION - the one and only BOMARC

A SUPERIOR BUILD - PAPER ENGINEERING TO THE MAX

Well Mike, i said i love COCKPITS - This is NO ORDINARY COCKPIT - Thank you

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



cmags
Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 401



Mike you're doing an incredible job - true mastery. Its been said a million times in here but I figured if I'm posting, I'll put in my praise as well.

One thing has been bugging me about the cockpit as I've been watching the build and its probably a testament to your accuracy. It would seem that a pilot that would fit in that seat (and a navigator that would fit in the other) wouldn't be able to reach the rudder pedals way down under. Is that a retracted/park position or something? Or is it that the seat is incredibly narrow and the pilot sits pretty reclined in it?

Oh an my vote for the preservation of the build is to document just the build discussion and pics from Mike, and link back to the thread here on PM for the commentary. Or include two versions.

Current build: [Minbari Whitestar \(Babylon 5\)](#)
 Previous builds: [cMags' Card Model Builds](#)



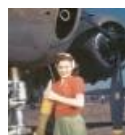
Willja67
Member

Join Date: Jul 2007
Posts: 598

Beautiful work! I also noted how far aft the pilots seat and yoke seem to be. In every plane I've flown my knees are just under the instrument panel. A lot of stuff seems a little outa reach especially the instrument panel.

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

I've wondered the same things re: the rudder pedals myself cMags. I used the basic Orlik parts for the center pedestal, IP, and rudder supports, so the spacing in the model is what it is, but my impression is that Orlik pretty much got it close, if not abosultely correct. Looking at the real pics, it seems those rudder pedals are a mile away, but that could be a trick of photography. I do believe there's an adjustment in the pedals to move them fore or aft.

The models seat does seem narrow, probably scaling out to a little over a foot (guessing). Maybe a requirement to be a Mitchell pilot is to have *really* long legs?!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



Zathros
Member

Join Date: Jul 2007
Posts: 1,163

I have only piloted a few planes, Piper Warriors, Cessna 152/172/182, Mooney 235 and I have never seen gauges that far away. Maybe people had longer arms in WW2?

The plane is fantastic and the colors really make it stand out.

P.S. That makes sense about the seat adjustment. Cessna were/are infamous for the holes in the seat rails deforming and the seats sliding back on a steep take off, which is why most pilots through there bags behind the pilots seat floor. I have replaced many of those Cessna seat rails.



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Well, hunting around the net a bit, I think I know where the spacing issue is stemming from. Orlik had the shaft of the column running in front of the pedestal (which I exaggerated in my placement of my "new and improved" column), while it appears (and I still haven't been able to score a good shot to confirm) it actually runs *underneath* it at the point right below the second tier of levers. That would scoot the column and the seat a good bit forward.



If that's really the set-up, it would be a dicey fix, but not *too* late in the game to try. What you guys think?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



 **yang4978** 
Member

Join Date: Jul 2009
Posts: 24

wow..... I don't know what to say

The modeler is from China!



« First < 22 62 70 71 **72** 73 74 82 > Last » 

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:04 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 Post Reply

« First < 23 63 71 72 **73** 74 75 83 > Last » ▾



Retired for now 
 Member

Join Date: Jun 2009
 Location: NW Florida
 Posts: 1,051

Given the work you've done so far, I'd say make the fix and shift things forward to where your photo shows them. It is a bit of a reach as is. Console levers should fall to hand, usually putting the most used set (throttles) at about mid-thigh, that would put them just aft of the front edge of the seat pan. Might need to check on parachute allowance (big airplanes usually use a seat pack that doubles as your butt cushion, a backpack chute would push the pilot forward in the seat).

Yogi

 Quote



Willja67 
 Member

Join Date: Jul 2007
 Posts: 598

I have a feeling that you will decide to do it just cause you won't be able to stand having that inaccuracy after putting so much work into getting everything right.

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)

 Quote



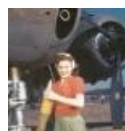
cdavenport 
 Member

Join Date: May 2008
 Location: Near Athens, Georgia
 Posts: 948

That is a cockpit to rival anything I have seen in plastic. I am especially impressed with the control columns...of all things.

Maj Charles Davenport, USAF (Ret)


 Quote




Bomarc 
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

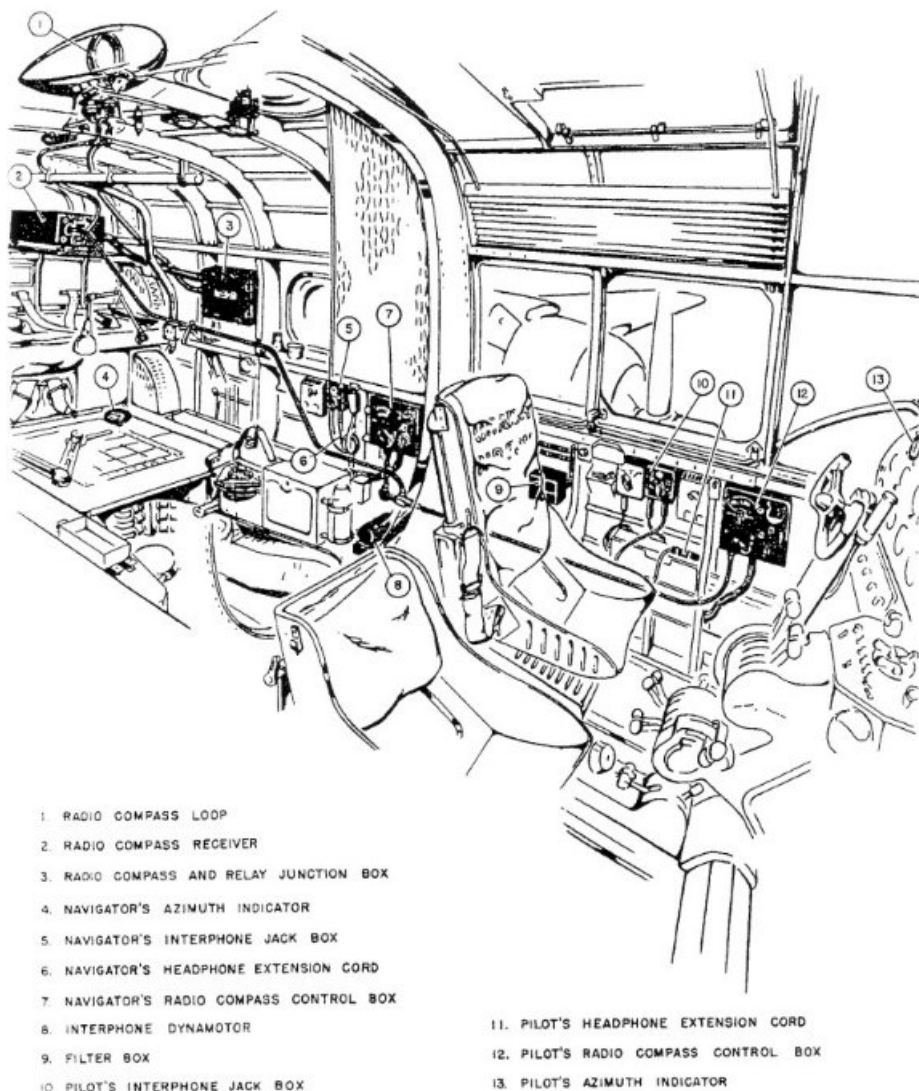
Originally Posted by **Willja67** 
I have a feeling that you will decide to do it just cause you won't be able to stand having that inaccuracy after putting so much work into getting everything right.

Will, you're an excellent judge of human nature....

Finally found a picture that helps illustrate what I surmised today. You can see the center console is tiered, and the column shaft runs underneath:

 This image has been resized. Click this bar to view the full image. The original image is sized 861x1024.

Part 2, Chapter 20: Electronic Equipment - Communications and Navigation



1. RADIO COMPASS LOOP
2. RADIO COMPASS RECEIVER
3. RADIO COMPASS AND RELAY JUNCTION BOX
4. NAVIGATOR'S AZIMUTH INDICATOR
5. NAVIGATOR'S INTERPHONE JACK BOX
6. NAVIGATOR'S HEADPHONE EXTENSION CORD
7. NAVIGATOR'S RADIO COMPASS CONTROL BOX
8. INTERPHONE DYNAMOTOR
9. FILTER BOX
10. PILOT'S INTERPHONE JACK BOX

11. PILOT'S HEADPHONE EXTENSION CORD
12. PILOT'S RADIO COMPASS CONTROL BOX
13. PILOT'S AZIMUTH INDICATOR

Radio Compass Equipment (Flight Manual B-25D)

Well, can't let that go. We've been down the surgery road before on this model, so piece of cake, right? Heavy sigh....

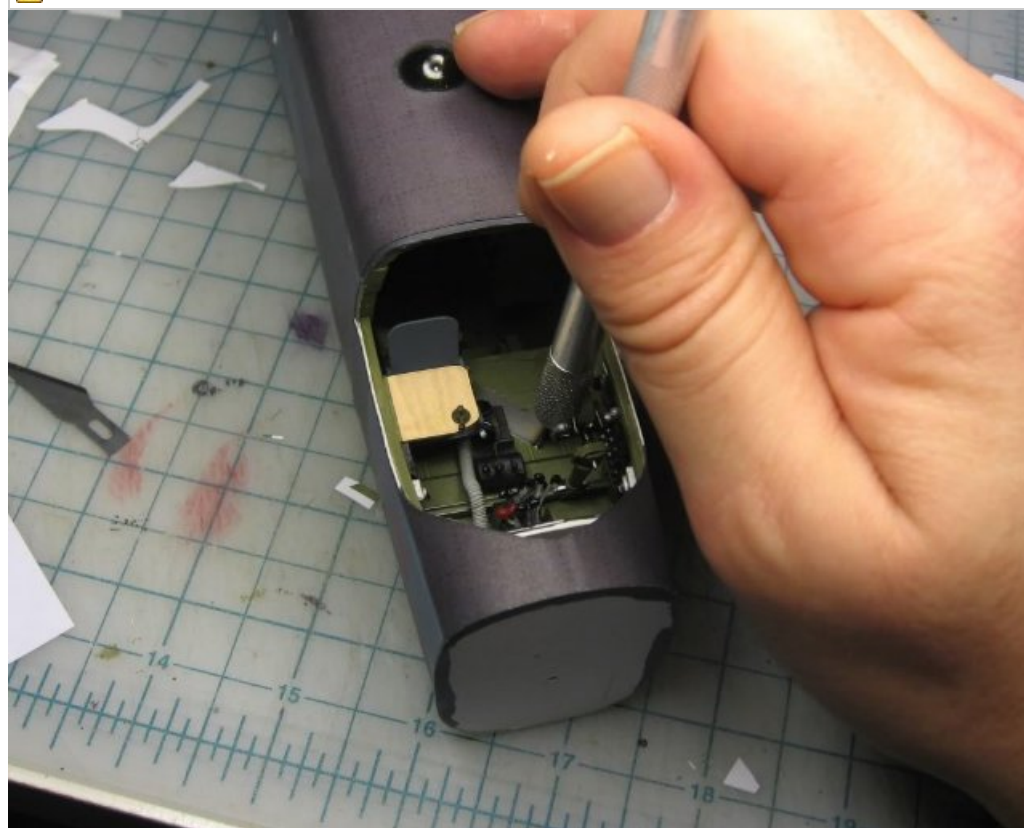
Before I started, I added two tools to my surgery kit. These are nothing more than a single edge razor broken in half, then using a torch, bent at 90 degrees and mounted in a xacto handle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x751.



I made a right and left hand version. What these allowed me to do was get underneath the parts that needed to go, and slice them off with minimum damage to the part or floor of the cockpit:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x821.



Pretty soon it started to look like the parts yard at NAA, circa 1945:

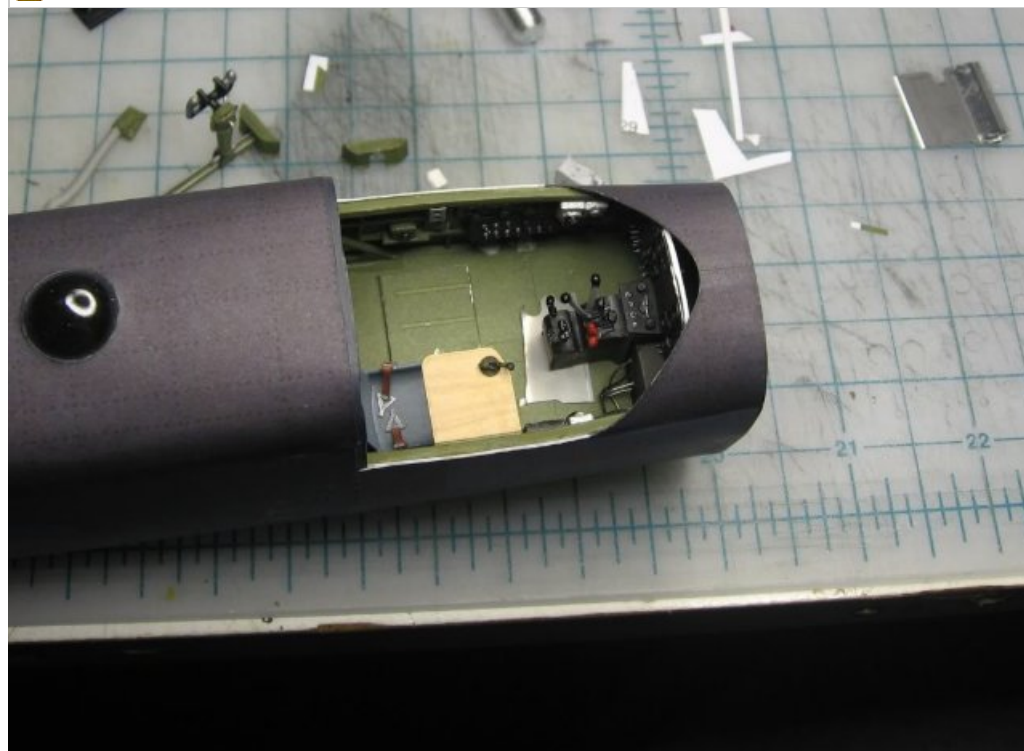
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x798.



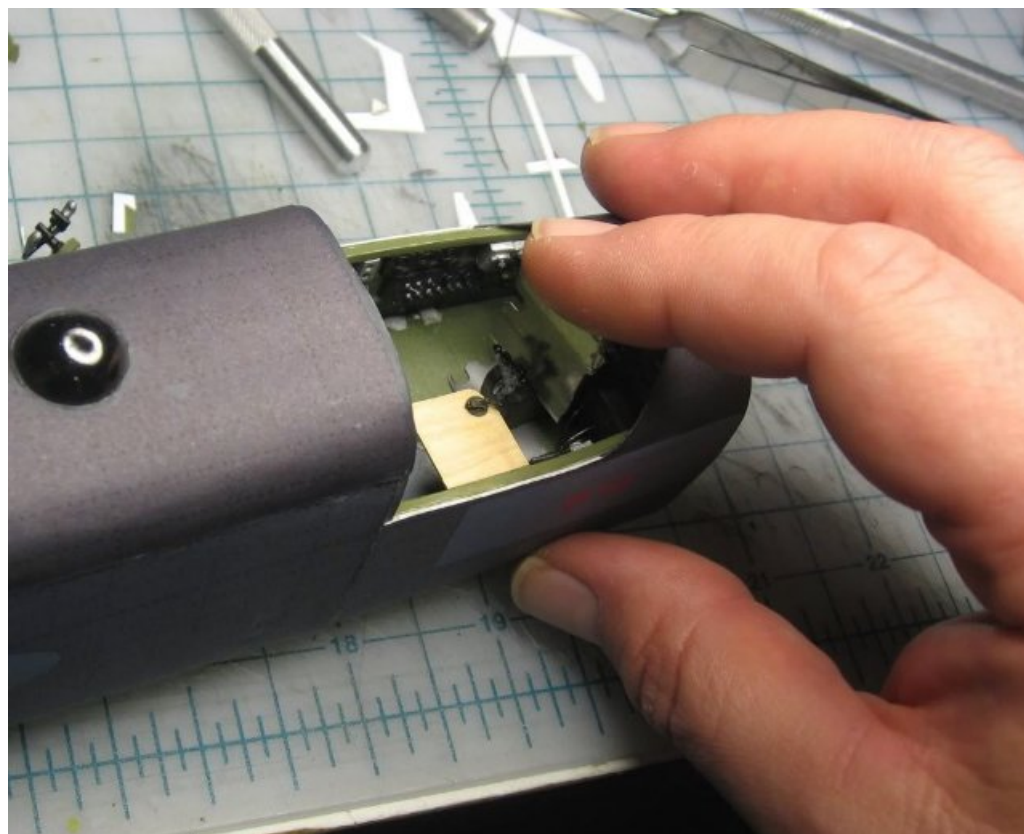
Only a few dings and some repairs needed, but overall not too bad. The grey colored box in the lower right hand side took it in the shorts, which would have to be replaced with something smaller anyway since the column will occupy that space as it moves forward.

Now it was time to cleave the center console. I figure I could chop off the first tier and that would give me enough space. By a happy twist of fate, I never glued the console down to the floor; it was part of the IP so I never needed to. This allowed me to slide a piece of broken razor blade underneath to shield the floor when I lowered the boom:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x745.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x831.




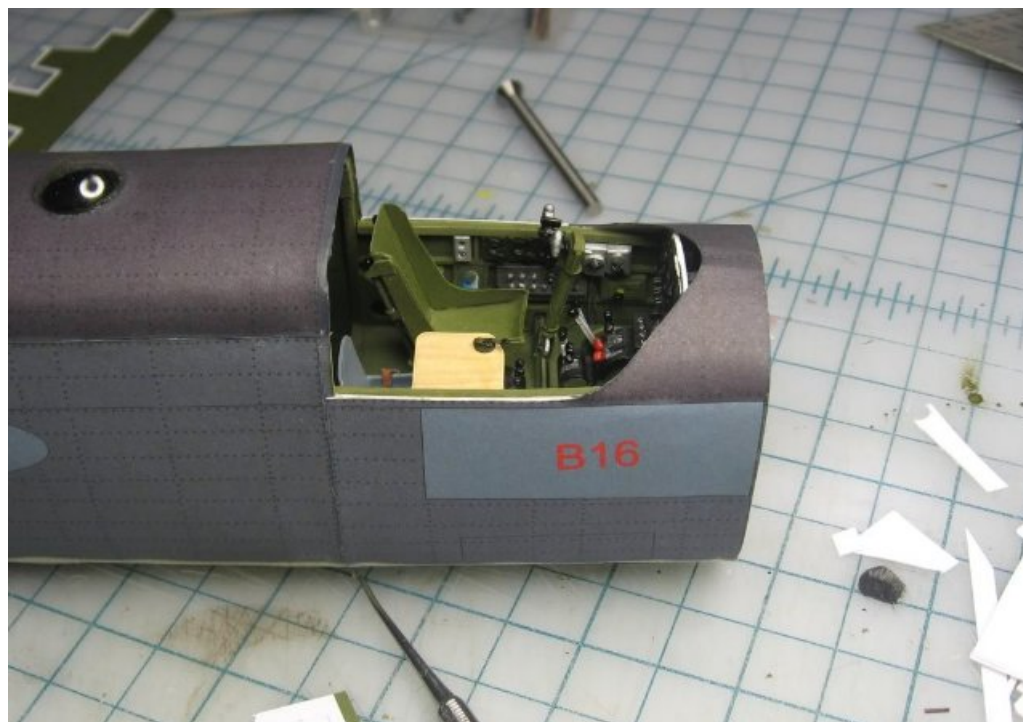
Came out in one piece, so I may be able to salvage the severed console and modify it accordingly.

Here's the reality check. This surgery moved everything forward by some nine scale inches. How's it look now? Seems more believable (last night's shot for comparison):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x717.



Hard part's over. Now it's just rehabilitation of existing parts and the areas affected in the cockpit.

MAJOR thanks to cMags and Zathros. Your sharp eyes got me to see the "forest for the trees". Sometimes I get too wrapped up in the details to see the big picture.

Ain't this forum grand?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Bomarc 
Member

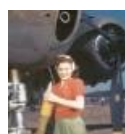
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks Major D. Didn't see your post until after I posted. As you can see, the control column has become a disconcerting element at the moment.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

I should also add thanks to Will (willja67). He also noticed the lack of reach in the cockpit, but I just noticed his initial post on the subject. You guys are really on the ball. Makes this whole build that much more fun....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 694

BREATH Ray, Breath. Mike, you have got to stop doing this to me! Glad it all came out relatively ok. From the looks of it, it was worth holding our collective breaths.

Ray

Don't squat with yer spurs on.....It's gonna hurt



Willja67
Member

Join Date: Jul 2007
Posts: 598

Quote:

Originally Posted by **Bomarc**
Will, you're an excellent judge of human nature....

Not really that good, just had enough practice chasing perfection and falling down trying to get there.

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)



cmags
Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 401



Quote:

Originally Posted by **Bomarc**
MAJOR thanks to cMags and Zathros. Your sharp eyes got me to see the "forest for the trees". Sometimes I get too wrapped up in the details to see the big picture.

Ain't this forum grand?

Mike

Wow incredible. You're welcome, I think... Certainly didn't mean to cause a complete rebuild of the cockpit with my observation, but I'm glad it went easily enough. Best build ever.

Current build: [Minbari Whitestar \(Babylon 5\)](#)
Previous builds: [cMags' Card Model Builds](#)



Zathros
Member

Join Date: Jul 2007
Posts: 1,163

That is so incredible, are you a surgeon? She looks wonderful (did before too). Kind of makes me want to keep my mouth shut though. What I mean by that is commenting on someone who's build's exceed anything I have done. Superb workmanship.



« First < 23 63 71 72 **73** 74 75 83 > Last »

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 24 64 72 73 **74** 75 76 > Last » 



redhorse 
Member

Join Date: Mar 2008
Location: McKinney, TX
Posts: 1,705

I've ripped things apart before to fix them, but not like that. Most impressive.

Jim

 Quote



dhanners 
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 89

Maybe I've missed the tip somewhere -- and not to divert you from an excellent build thread that has us on the edge of our seats -- but a short tutorial on breaking razor blades and bending them with a torch might be worthwhile somewhere down the road....


 Quote



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Zathros** 
....Kind of makes me want to keep my mouth shut though. What I mean by that is commenting on someone who's build's exceed anything I have done.....

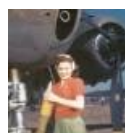
I would hope and encourage all of you to shout out if you see something screwy on anything I post. Getting "atta boy's" is nice and it helps keep the work moving along, but getting constructive criticism makes for a better model. I'm architect by profession, and you learn to develop a thick skin early on in school, as the whole design process revolves around juries and "crits" and you eventually realize (hopefully) it's for the betterment of your design. That's why I love following the Will/Ron and Ken/Billy collaborations. That's just good design strategy right there....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>


 Quote



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **dhanners** 

Maybe I've missed the tip somewhere -- and not to divert you from an excellent build thread that has us on the edge of our seats -- but a short tutorial on breaking razor blades and bending them with a torch might be worthwhile somewhere down the road....

Oh yeah, I guess I breeze through that a bit. I was in full demolition mode last night ripping stuff out. I can give a short "how did he do that?" tonight.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



John Bowden 

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

I'm with Ray..... Breath..... or as the lady says on the video..... maybe me need to do UPS on him.*

* she was so excited(?) she ment to say CPR..... but UPS was so much funnier

www.dgapapermodels.com

[My Drawings](#)



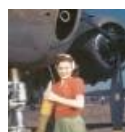
peter taft 

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Top SURGERY for sure, when you can perform an operation like this - the rest of this build will be a breeze for you Mike - Absolutely well done sir 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**




Bomarc 

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **peter taft** 

...the rest of this build will be a breeze for you Mike

Oh sure Peter, jinx me now that I'm getting close to the home stretch....😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 12-09-2009 at 08:54 AM.



**cdavenport**

Member

Join Date: May 2008
Location: Near Athens, Georgia
Posts: 948

Moving the cockpit components around was quite a display of modeling skill. Back to the control column, wheel though.

Is that a kit part you built up? I likely missed your discussion and the thread is 74 pages long. Any idea of where it is in the thread?

I would like to know how you did that. Really, I've not seen better in plastic or resin, and I've been around the planet a few times.

Maj Charles Davenport, USAF (Ret)

**cmags**

Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 401

So are you now planning to reshape the underside of the lower lever console so it hangs over the control column?

Current build: [Minbari Whitestar \(Babylon 5\)](#)
Previous builds: [cMags' Card Model Builds](#)

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **cdavenport**

Is that a kit part you built up? I likely missed your discussion and the thread is 74 pages long. Any idea of where it is in the thread?

Here you go Major:

<http://www.papermodelers.com/forum/92014-post654.html>

Quote:

Originally Posted by **cmags**

So are you now planning to reshape the underside of the lower lever console so it hangs over the control column?

It's funny, looking over the severed part, I think all I'll need to do is just rotate and remount it in a horizontal position and it will clear the shaft. Just need to patch the gaping hole (now) underneath.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 24 64 72 73 **74** 75 76 > Last »

« [Previous Thread](#) | [Next Thread](#) »

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
 Password

 Post Reply

« First < 25 65 73 74 **75** 76 77 > Last »



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Ok all, in my haste to get to demolishing the cockpit last night, I glossed over how I made the tool that was instrumental in getting the parts out with as little as damage as possible. Let's make one now.

Wear eye protection when doing this!!!! Take an ordinary single edge razor blade, the kind you can buy in the 100 pack at the hardware store:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x729.




Clamp it in a vise sharp end down, clamping about 5/16" of the blade:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x708.



With safety glasses still on, take a channel lock pliers or similar, and snap off the part that sticking up out of the vise:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x739.



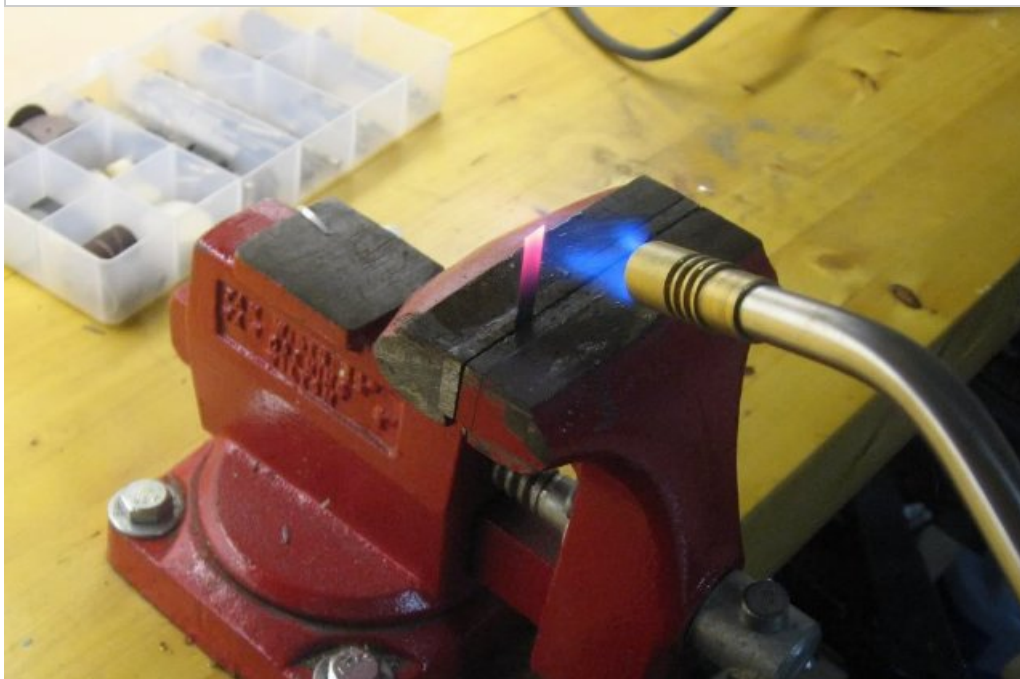
This is what you should end up with:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x754.



While wearing safety goggles, discard the broken piece, and clamp the part with the edge like so, about 3/8" shown here, but this will vary with your own needs. Take a plumber's propane torch, the kind you sweat solder on copper pipe with, and heat up the exposed end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x675.



Quickly beat the hot end down with a hammer until it's 90 degrees to the sharp edge still in the vise (wearing eye protection):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x693.




This is what you should end up with:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x745.



If you broke off enough blade in the first step (while wearing safety specs) to fit in a xacto style knife blade, great! Skip this step and proceed to the next. Otherwise, clamp the end you just beat on and put on your safety glasses and take a file or dremel tool (shown) to grind down the edge enough to fit the knife handle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x768.



Install in your knife handle:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x766.



Now YOU can demolish your model too!

Oh, and did I mention you should wear eye protection while making this tool.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>





medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 136

Quote:

Originally Posted by **Bomarc**
I appreciate the effort MV, but please don't put yourself out for this. It seems it would be a lot of work, and I'm not sure of the pay-off.
...

Well I am game to give it a shot (becos it would be a valuable reference at the least). I have made a few interesting discoveries whilst looking at page structure though.

1 - each thread page = 9 printed pages 🤖

2 - the php coding doesn't see page breaks as a word processor does & thus will actually cut images in 1/2 & split them over the print environment. 😊

I'm wondering if these factors force an entirely hand-edited format...

That said I am still torn between editing out 'extraneous' commentary & simply referring the reader to the forum - that is the point & spirit of the forum after-all 😊🤖

vs

creating a complete copy as an 'offline' thread - this might actually be quicker...

Theoretically IF I can preserve the linking dynamics it would be browsable which could make it more useful.

I like to experiment - it's how I learn different software apps for 'real-world' situations (& I guess that is pretty much the only 'pay-off') & tinkering is why I find this hobby more interesting than the plastic & metal forms I have indulged in historically.

This paper format is far more 'creative' in novel ways - as this thread proves. The tinkering spirit is kinda more appropriate... 😊

So if I can make a start thats worth sharing I will & we'll see what members think.

Update -

Heres a quick 10 (forum-side) page sample - I have only cut whitespace & the quick reply box when these were a whole page. [sample](#)

It's possible to see the short-comings of direct conversion I mentioned above, but it isn't too bad & as a pdf is searchable - it is also unlocked so anyone can edit it to their own liking - perhaps that would ultimately tick all the boxes? i.e. the forum spirit is there & so is the technical skill, in an editable package. (I won't mention that this way it reduces the work-load by a few weeks 🤖🤖)

Comments?

<http://www.histwar.com/>

Last edited by medved; 12-10-2009 at 07:44 AM.



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Wow MV! Sounds like you got it under control, cool. I wasn't able to download whatever you linked to. Every time I click "FREE Downloading" I get this message:

"Dear clients, we re sorry but at the moment this file is not available for downloading due to software renovations. We guarantee it will become available after some period of time. Please try later."

"GOLD Downloading" requires getting a pay subscription. Tad annoying....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51siq.ipbfree.com/index.php>



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

I am interested in your efforts, MV, because I like to download key parts of threads from time to time for future build references. Anything that will help to make the process easier is welcome.

But the main thing is that it would be nice to be able to read through Mike's narrative and photos.

Perhaps you two have the basis for an article for *Finescale Modeler* or some other venue?

Don



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Bomarc**

I wasn't able to download whatever you linked to. Every time I click "FREE Downloading" I get this message:

"Dear clients, we re sorry but at the moment this file is not available for downloading due to software renovations. We guarantee it will become available after some period of time. Please try later."

Success! I guess the "software renovations" are done. Still, they make you wait one minute before you can download for free.

Wow. Ten "thread" pages yielded a **71** page PDF file. My lord! Sorry for being so verbose guys, I'm afraid I made this thread entirely too long (and I'm not even done yet!! 😞)

And what's worse, I making even it longer as I post this....oh the humanity!!!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Wyvern
Member

Join Date: Jul 2009
Location: North Florida, USA
Posts: 1,023

I don't think anyone's complaining, Mike. Your posts have been informative and fun to read, and this thread, along with Birder's HMS Cleopatra thread, is the most detailed I've ever read.

Wyvern



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 136

It seems that the file server I used has decided to take a break for whatever maintenance it required - perfect timing!!! 😄😄

The nature of the code used in the forum & the fact that we are used to scrolling through a lot of info held in a big virtual page does make the paper-sized equivalent surprising. It was nearly 90 pages before I cut some tails off. Sometimes its 8, sometimes its 11 pages per 'page', I'm surmising its byte relative.

Personally I'd wanted to make a 'souvenir' of sorts. But with reference to an **article** - time permitting - I think that was kinda what has been in the back of my mind, tho its a book all on it's own in reality, it could be a series in a magazine or a bumper holiday special. 😊😄

From a 'business' point of view I don't know whether Rickstef has a position regarding copyright as this (I believe) is his forum.

Could we make a book he then markets?

Add a few more threads like this & we have the *Codex Paper Forma* - a grand library of the brightest & best... 😄

I feel (as a relative newbie) this story is *extraordinary* & deserves telling - so maybe collectively it could be realised in a useful way.

Peanut Butter & Jelly - the Bomarc Way - at a store near you! 🌱🌱🌱

As regard making records of specific web pages there are a number of free resources that convert websites to pdf e.g - [html to pdf](#) & there are programs which allow one to virtual print to a pdf e.g. - [pdf factory](#) being a nice example I've used without issue on all the windows platforms (XP Vista,7 - 32 & 64 bit) Search engines can find you a few more I think. 😊

<http://www.histwar.com/>



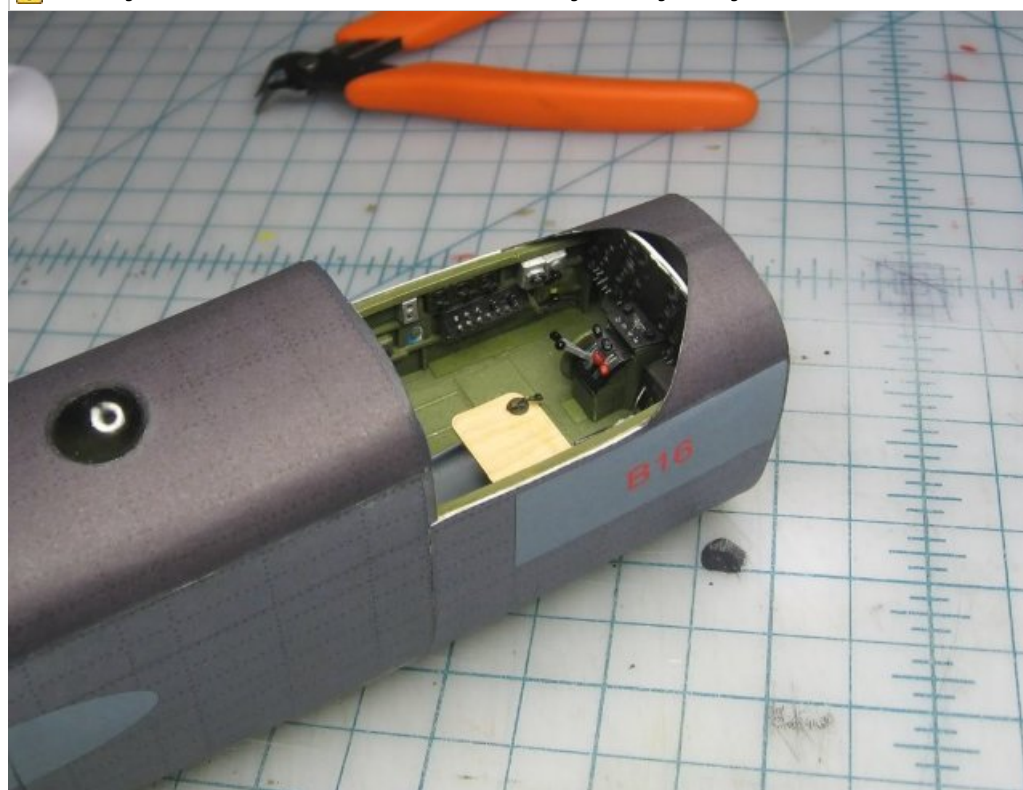
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Thanks MV for those links, those will come in handy. The cockpit rehab is complete, so let's add some more pages.....

Here's how it went. Patched and painted the spots in the cockpit where paper was ripped off in the demolition :


⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x782.



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x814.




Rehabbed the parts, all ready to go here. The small lever quadrant that was chopped off earlier was just turned horizontal and shortened in length:

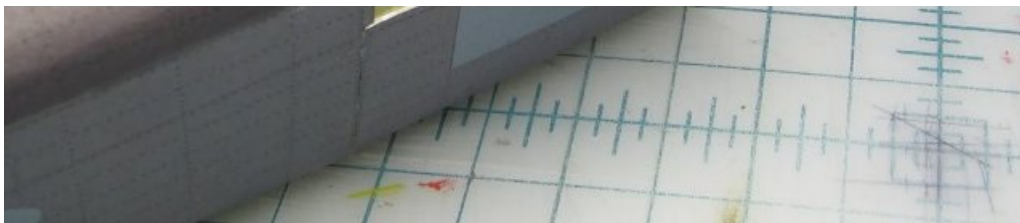
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x680.




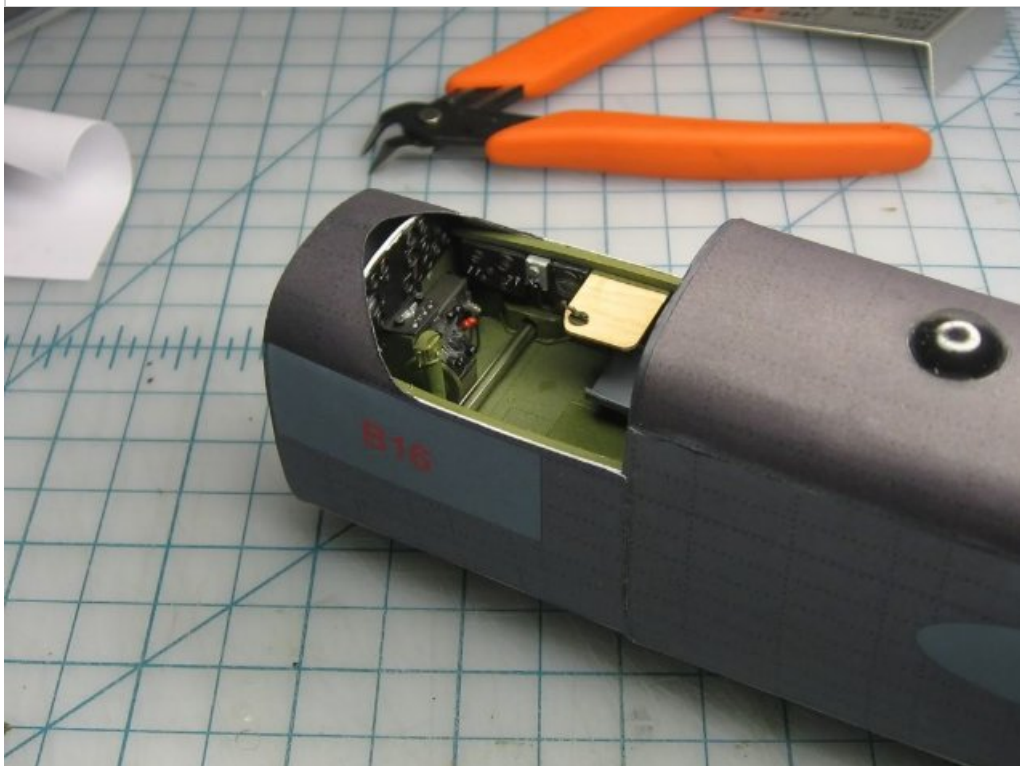
Now I can enjoy a correct "sequence of assembly" (SOA). First to go in was the control column:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705.




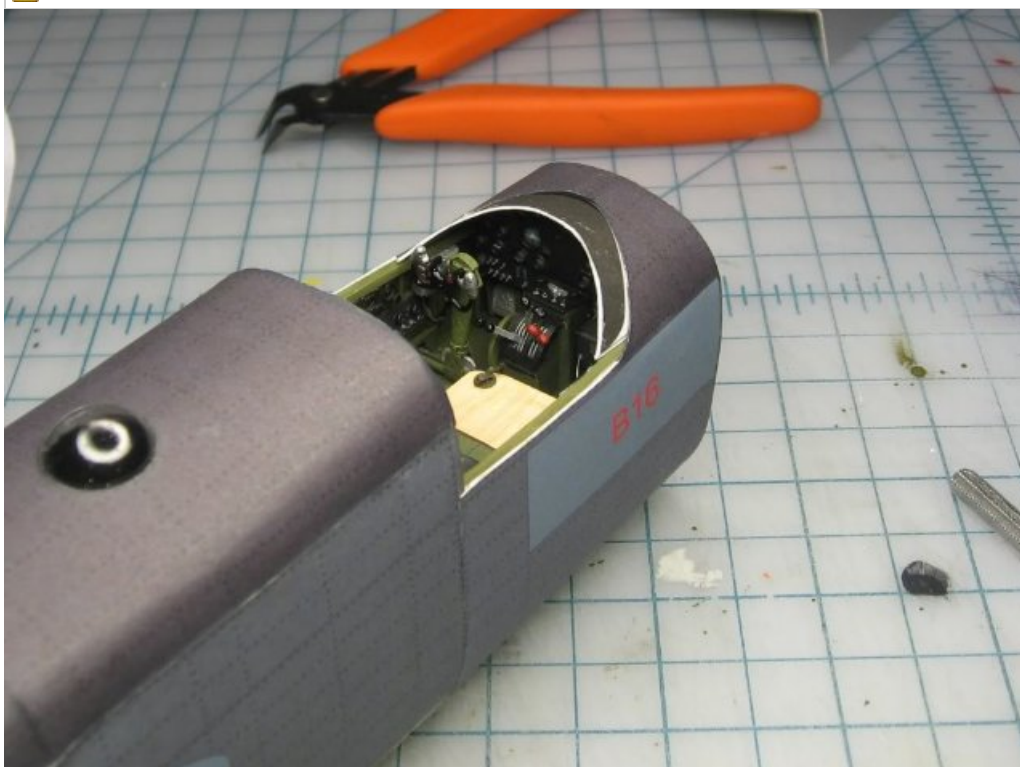



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x763.

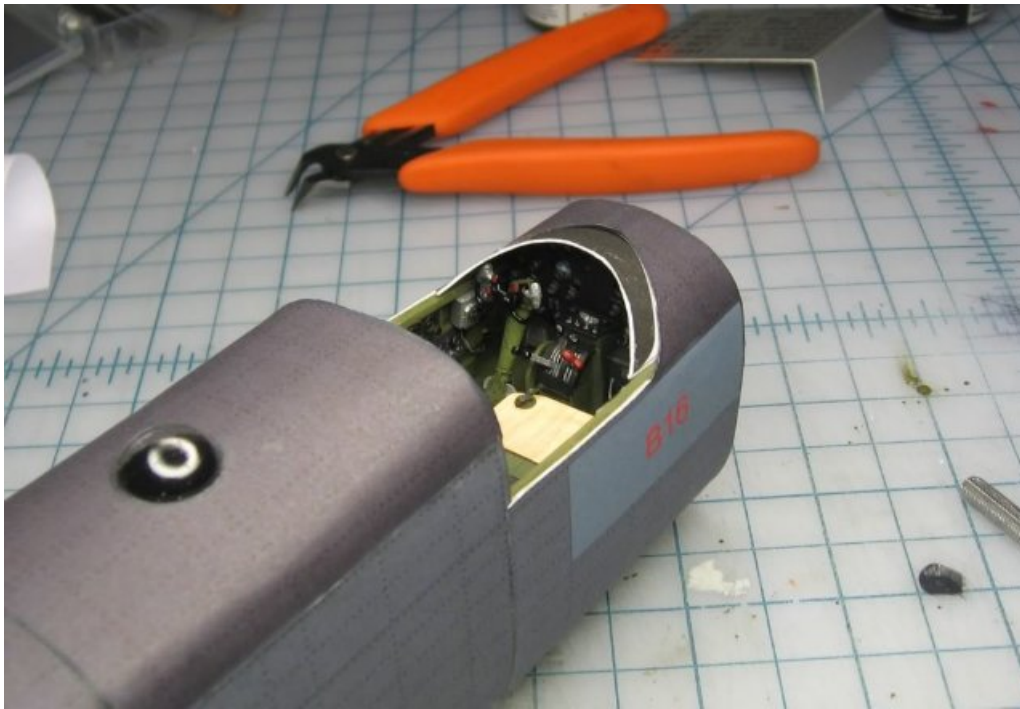


I didn't document it, but last night was spent on shortening and moving the column a little more inboard. Reason being, I figured with the new forward location, I should check to see how it plays with the IP hood. It didn't. So a nip and a tuck, now it can clear the hood:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x761.

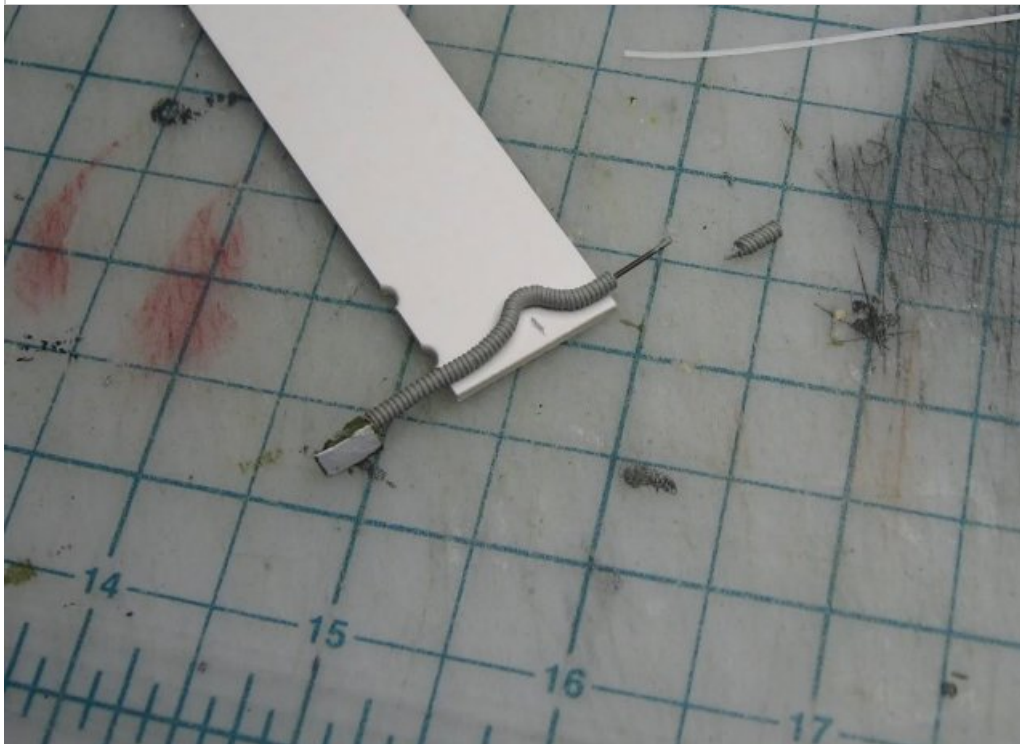


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x704.




SOA dictated that the de-fogger tube go in next. First I had to shorten it based on a quick measurement taken from the model. The amount removed equaled 9 scale inches, so that's good, everything's consistent:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x741.




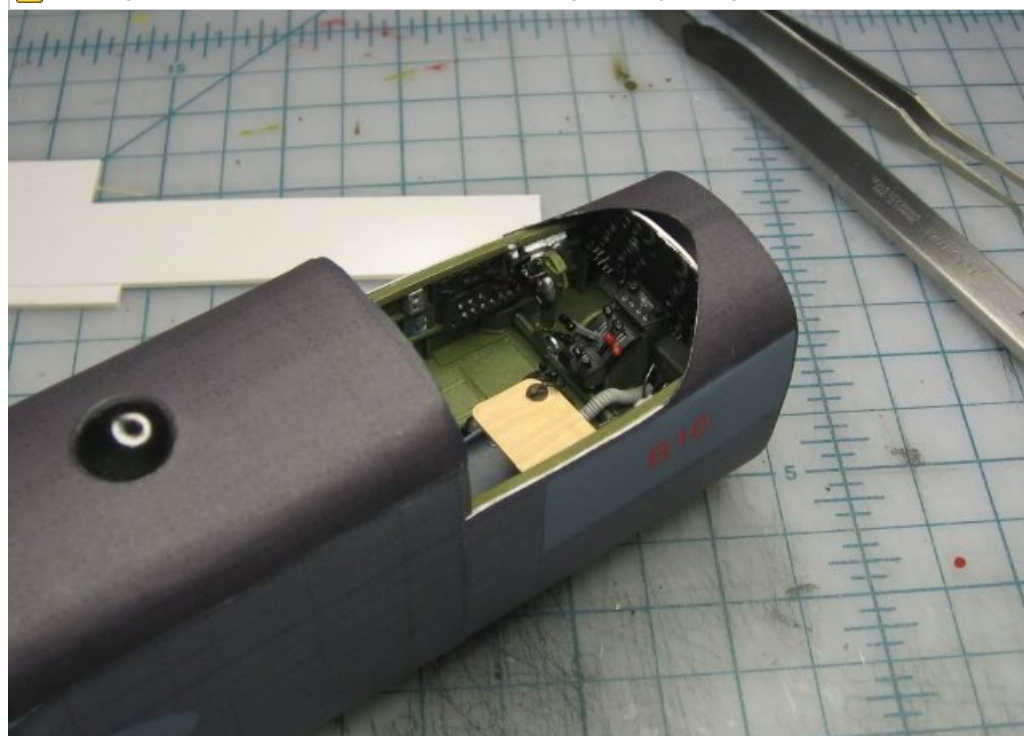
In it goes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x842.




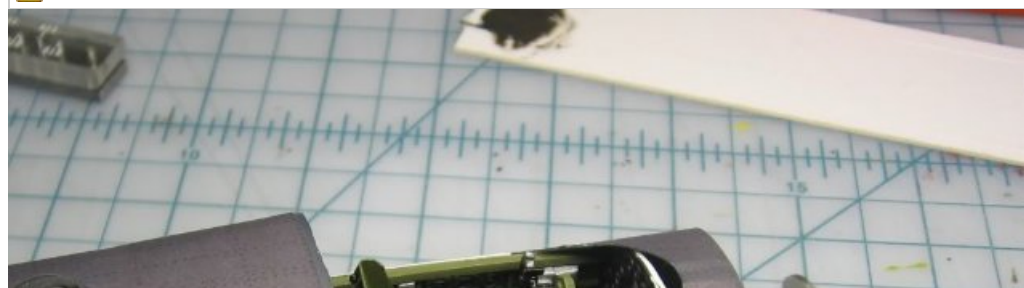
For some reason I forgot to snap a picture of the floor console going in next, then it was the little modified quadrant:

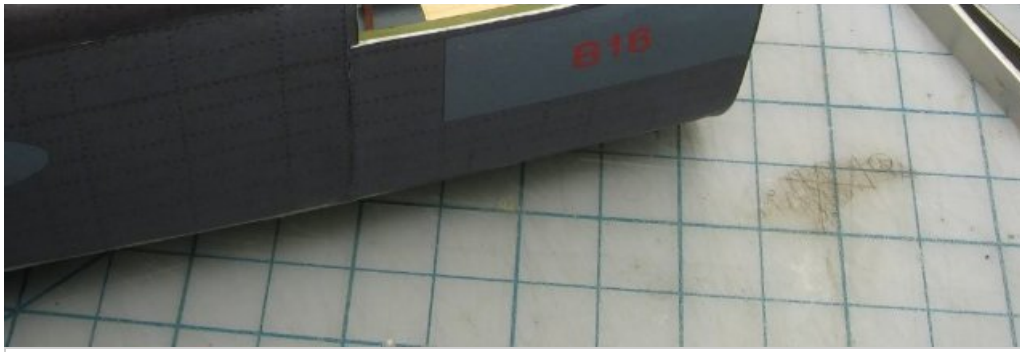
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.



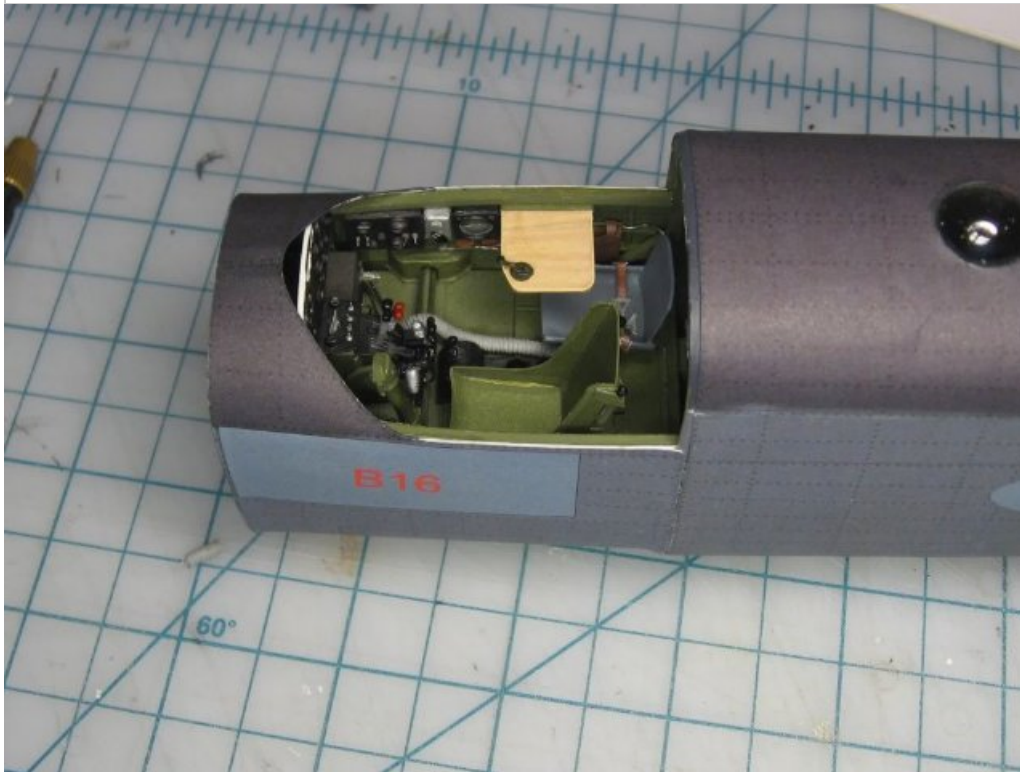
Seat tacked in, and now I'm at where I was three days ago (like nothing happened, again!):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x778.

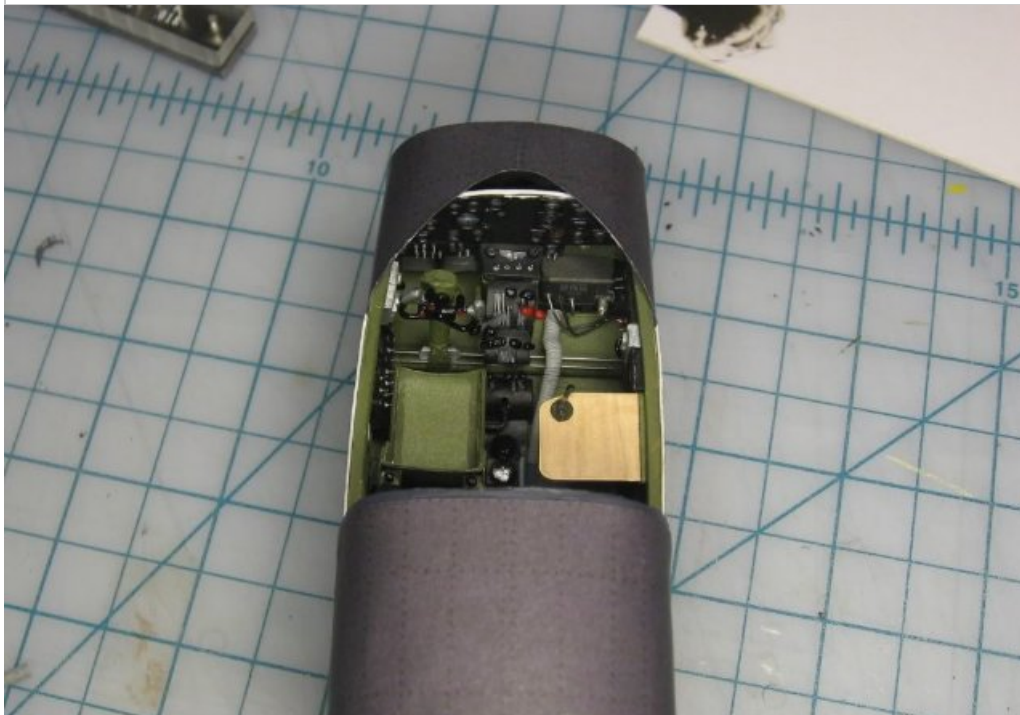




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713.



How do you like me now?

OK, now a poll of sorts for you guys. I'm thinking of doing a little upgrade for this cockpit. About a year ago I bought these 1/32nd seat belt sets from Radu Brinzan in his R.B.Productions line ([link](#)):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



They're paper belts with photo etched buckles, and, as I hope you can see in the picture, they're pretty freaken' amazing in their complexity. I was thinking of using the complete green set on the pilot's seat, and just the white lap belts for the navigator's seat. What you think? Icing on the cake, or a travesty in the making?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,269

Do it, do it, do it, do it!!!!!!!!!!!!!!!!!!!!!!



Retired for now
Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Are you saving the belts for something? Admiring their jewel-like complexity in a display case? If not; if you're ever going to use them, this is the time (and if your next model tops this one ... never mind, that way lies madness).

Yogi



« First < 25 65 73 74 **75** 76 77 > Last » 

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 Post Reply

« First < 26 66 74 75 **76** 77 78 > Last » ▾



cmags
Member

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 401

^^Agreed. I can't see a better use for these.

Current build: [Minbari Whitestar \(Babylon 5\)](#)
 Previous builds: [cMags' Card Model Builds](#)

 Quote



smyfe
Member

Join Date: Mar 2008
 Location: West midlands, UK
 Posts: 229

Mike, Gobsmacked 🙄🙄🙄🙄 is no longer any where near appropriate enough for this build, and re work. Sir, do you have a halo of patience hovering over your head? As someone mentioned earlier this is a definite candidate for publishing, i could quite easily see this as a cover article on a modelling magazine. Your work has got one disadvantage though, i think i'm going to pack my stuff away and just watch and learn for the next couple of centuries LOL 🙄🙄

Best wishes
 Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS

 Quote



CharlieC
Member

Join Date: Jul 2007
 Location: Brisbane
 Posts: 918

May I make a couple of points about trying to convert html to pdf. Although there are any number of format converters around that's all they do - convert format. Web pages generally don't convert to books directly very well since the media have quite different properties.

If I were doing this I'd most likely take out the content from the html and put it into something like Publisher. This has lots of advantages of creating good printable layouts but also gives flexibility with images. The Web generally has fairly low res images to match screen resolutions whereas printable quality needs much higher resolutions.

At the end of the process the final product can be saved as .pdf if desired.

Regards,

Charlie


 Quote



medved
Member

Join Date: May 2009
 Location: South of Heaven
 Posts: 136

Quote:

Originally Posted by **CharlieC** 
May I make a couple of points about trying to convert html to pdf. Although there are any number of format converters around that's all they do - convert format. Web pages generally don't convert to books directly very well

since the media have quite different properties.

If I were doing this I'd most likely take out the content from the html and put it into something like Publisher. This has lots of advantages of creating good printable layouts but also gives flexibility with images. The Web generally has fairly low res images to match screen resolutions whereas printable quality needs much higher resolutions.

At the end of the process the final product can be saved as .pdf if desired.

Regards,

Charlie

that is a ditto I think.. 🤔 😊

<http://www.histwar.com/>



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location: Victoria, Vancouver Island, BC, CA
Posts: 2,364

This is a fantastic build Mike. I am glad it is being captured for posterity as an invaluable source of tips, tricks and inspiration.

~ Douglas

The proceeds from sales at www.hobbyfactory.com support this forum!!



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [Retired_for_now](#)
Are you saving the belts for something?

Yogi, it's funny, I ordered these on a whim, part of an order for other things I was interested in from RB. I wasn't building anything at the time (hadn't built anything in a few years as it was), so these were strictly an "impulse" buy. Maybe it's kismet, good karma, or what have you that they end up in this build....

Quote:

Originally Posted by [smyfe](#)
Your work has got one disadvantage though, i think i'm going to pack my stuff away and just watch and learn for the next couple of centuries

Mick, I know you're only joking, but I hope this silliness actually inspires you to build **MORE**.

Back to forward motion on this thing. I have to hand it to Mr. Brinzan, his seat belt sets are pretty neat. An absolute pain to put together, but a real boost to a model when installed. Have a look:

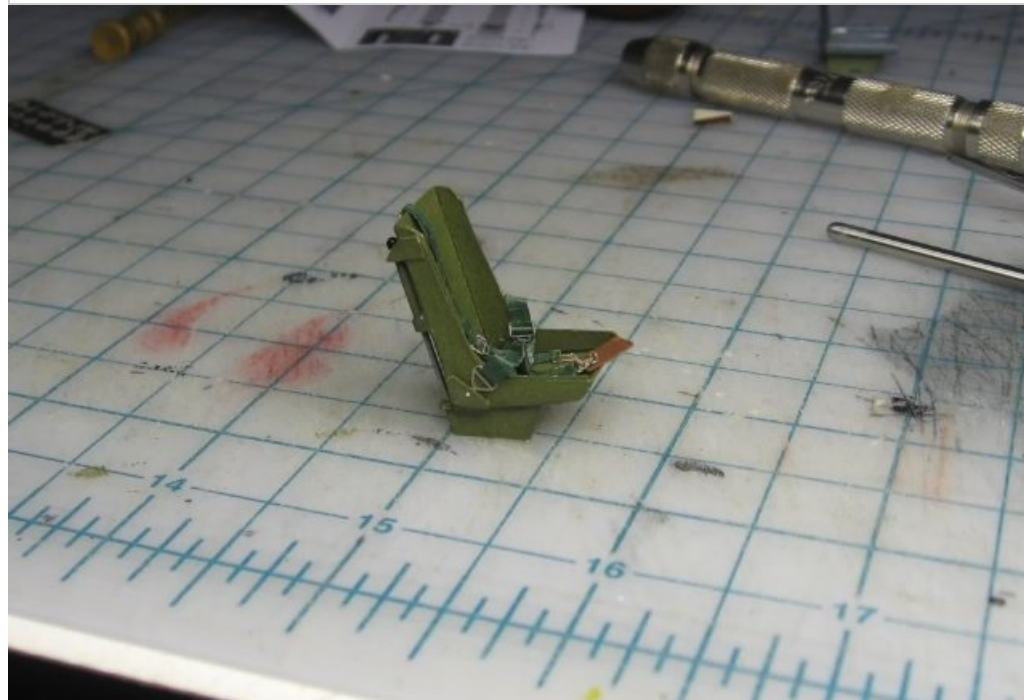


This image has been resized. Click this bar to view the full image. The original image is sized 1023x690.





⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x698.



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x669.



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x765.





 This image has been resized. Click this bar to view the full image. The original image is sized 1022x735.

Now for nav's seat....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 12-12-2009 at 03:09 PM.



solo67
Member

Join Date: Nov 2007
Location: hadera israel
Posts: 103

wow mike
the belts look fantastic thanks for that im posting an order for them today
very realistic

Moshe O



Ron0909
Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 350

Quote:

Originally Posted by **smyfe**
Your work has got one disadvantage though, i think i'm going to pack my stuff away and just watch and learn for the next couple of centuries

Mike, you just keep raising the bar but watch out buddy...we're gonna catch up sooner or later! Seriously...it's this kind of workmanship that makes me and I'm sure alot of us want to keep on modeling and get better and better. What makes you special is that you seem to take pleasure in passing on your skills to us mere mortals with your great tutorials and written narrative.

Thanks man!
Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/aviation/estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Ron0909**
Mike, you just keep raising the bar but watch out buddy...we're gonna catch up sooner or later!

Ron, I've no doubt you will. In fact, I think you already have with that Panther tank thingy of yours (what? It doesn't fly? What's up with that?).

Keep building everyone...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Retired for now

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,051

Having looked at the damn things in my lap for many, many years and hours, Mr Brinzan got them right - and you certainly did them justice.

Yogi



« First < 26 66 74 75 **76** 77 78 > Last »

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:06 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 Post Reply

« First < 27 67 75 76 **77** 78 79 > Last » 



the hermit 
 Member

Join Date: Oct 2008
 Posts: 161

the seatbelt kit was worth it..

excellent show!

 Quote



peter taft 
 Member

Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,073

 SPEECHLESS 

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

 Quote

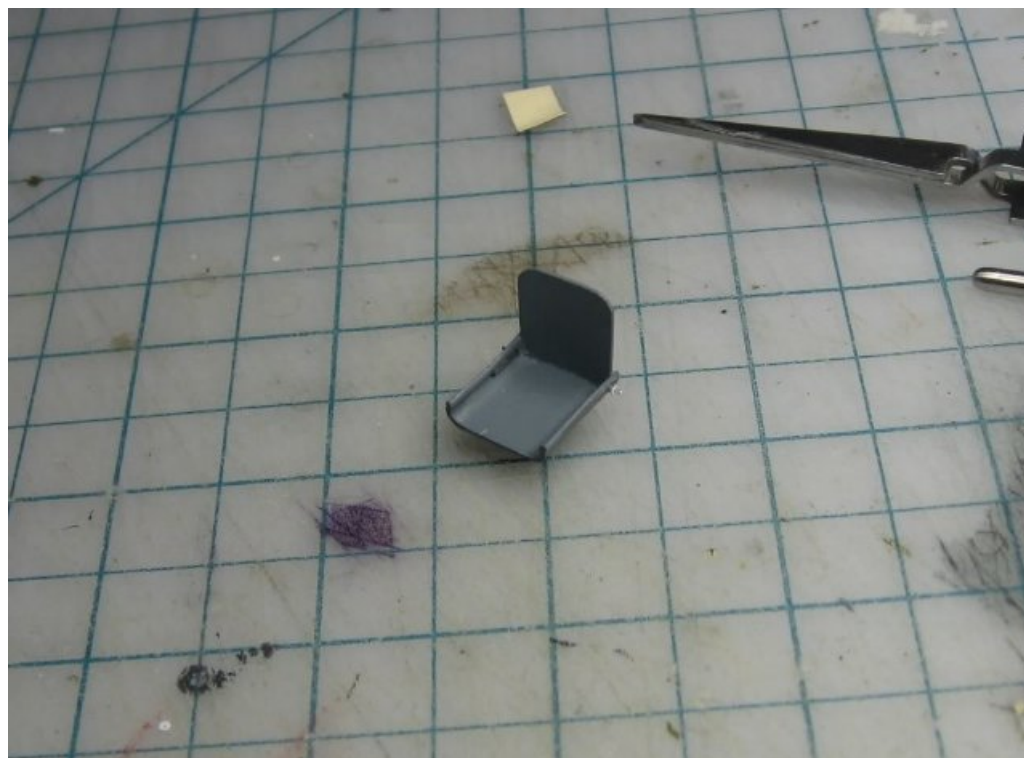



Bomarc 
 Member

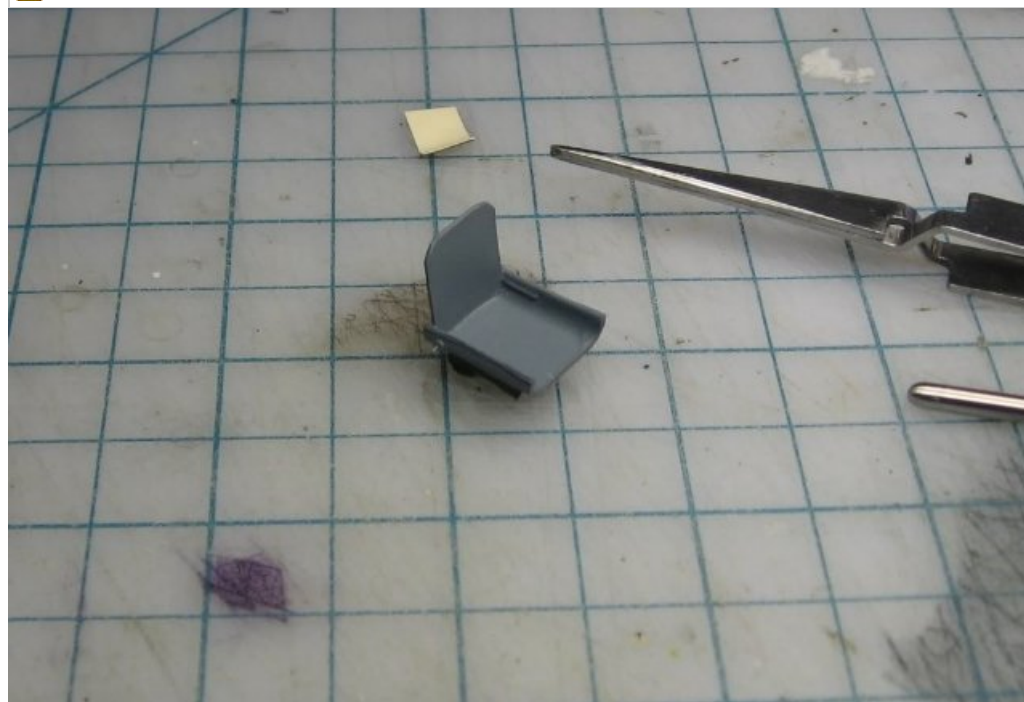
Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Finished up the Nav's seat this morning. They actually just bolted the harness to the sides of the seat, so I just glued two "L" shaped pieces of wire on either side. Painted gray, it looks like a pressed rib in the pan:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x756.

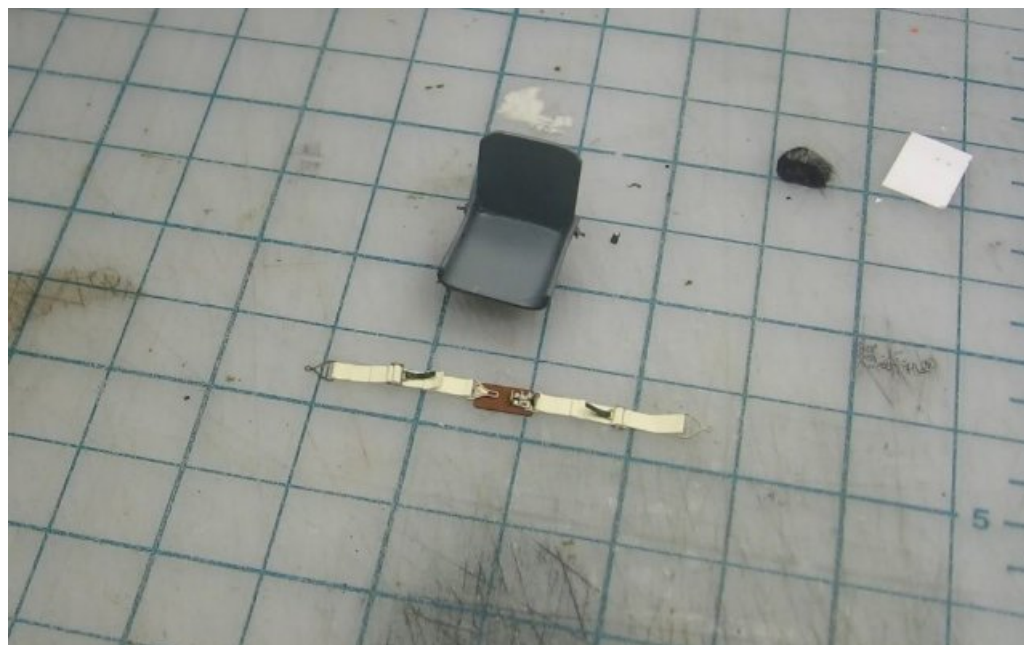


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x697.




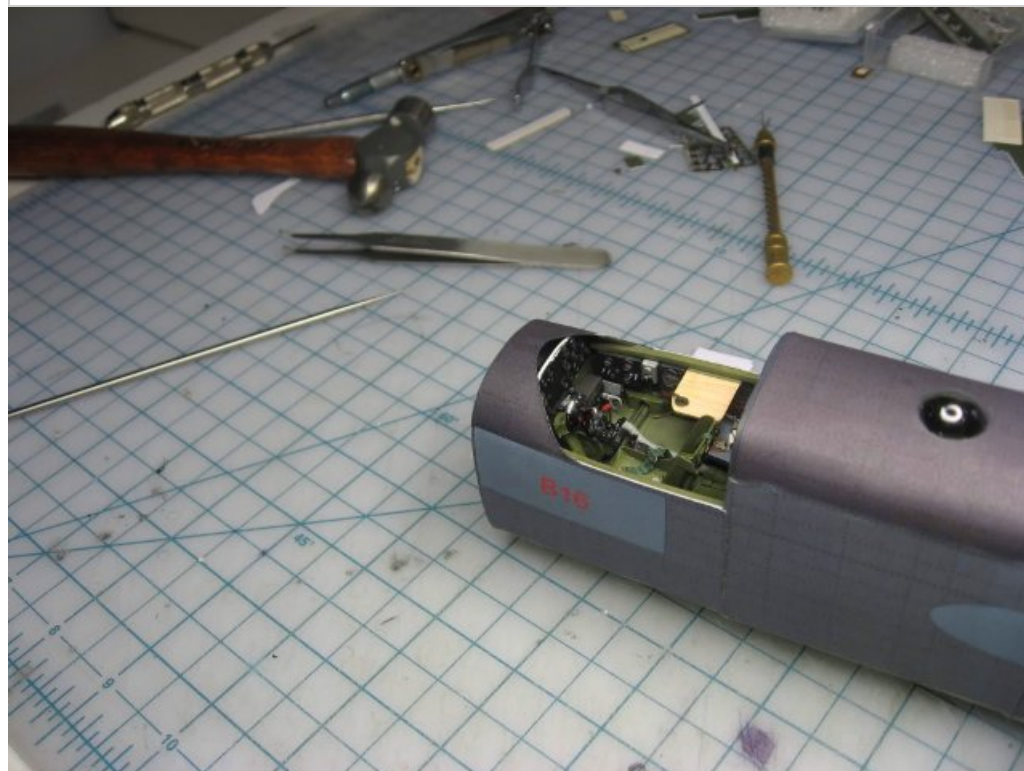
Didn't show the first set of belts before I installed them, so here's the lap belts before they go in:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x641.



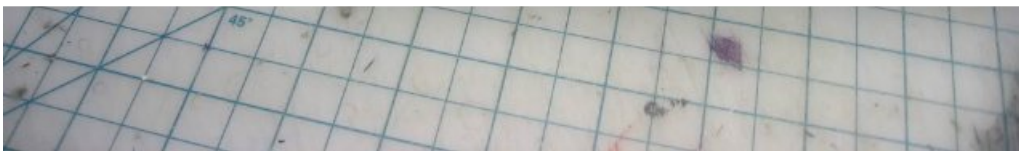
Pretty sweet. I used the left over green belt material from the first set for the pulls on this set; just to shake things up a bit. Installed back in its original spot, seat looks better than the with the original kit belts. Hard to get a good shot with that desk in the way:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






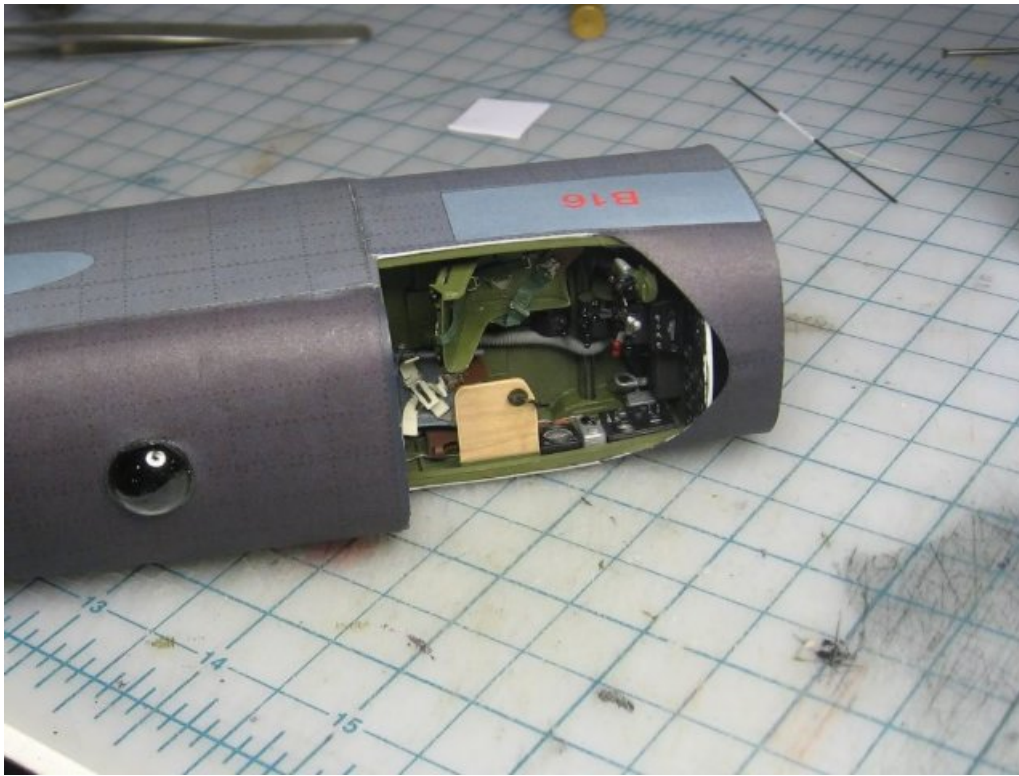
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x694.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769.



I also built and added the box in the lower left corner of the right side to replace the one I destroyed in the tear out. Hooked up a new wire to that and the other thing, and I think I can call this area done (finally!!). Now the hood with gun sight, and a canopy to mold....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



Don Boose

Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,386

Incredible, as always!

Don



willygoat

Member

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,269

Sweet Nibbletts! 🐼



the hermit

Member

Join Date: Oct 2008
Posts: 161

i actually have this model and am in fear of it. 🤩

but now we are to my favorite part the molding of the canopy

i wait for you to show us how you will expertly do this!



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 136

Here is the next chapter - thread pages 11-40 inclusive

[pbj 11-40](#) 19.7mb

- as my career as a publisher looks doomed its still a raw pdf with minimal editing... 🤔👁️

<http://www.histwar.com/>



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **the hermit**
i actually have this model and am in fear of it. 😬

Whatever you do, don't show fear!!!! Orlik kits sense fear in a modeler....*and that's when they strike!!!*

Quote:

Originally Posted by **medved**
Here is the next chapter - thread pages 11-40 inclusive


Another volume, huh? Jeeze-lou-eeze! Maybe the approach should be like those Time/Life books. You know, get a new volume once a month until you complete the set, which never happens, at least in my case.....

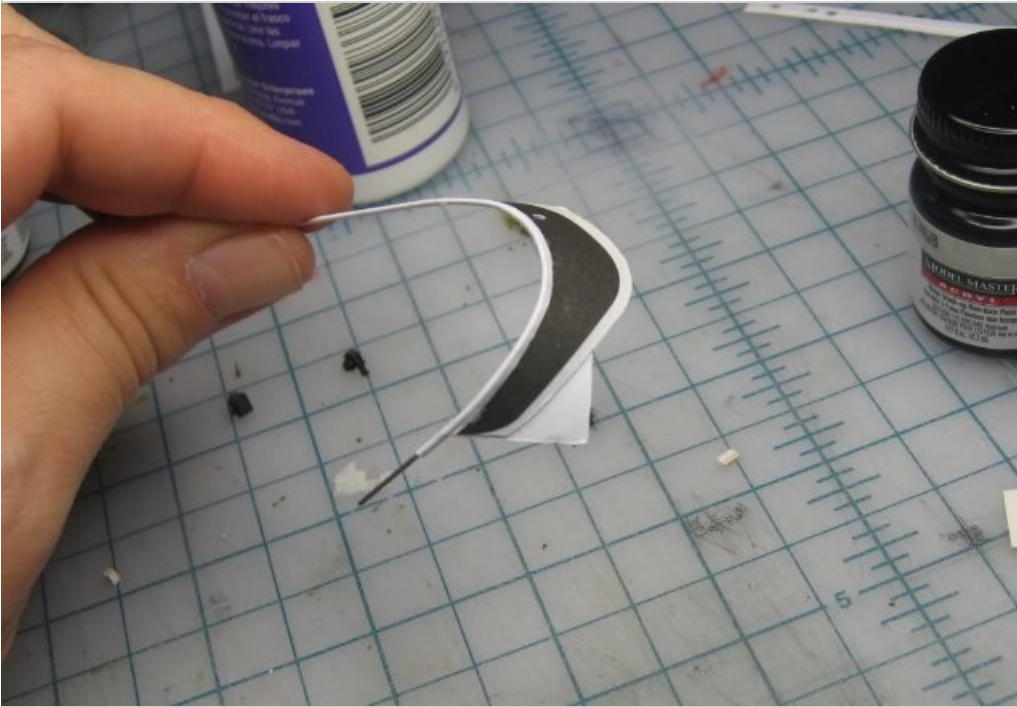
Anyway, finished up the instrument panel hood. Tried something new, wasn't sure it would work, but seems to have turned out OK. I wanted to make the coping along the edge rigid so it would retain it's shape. Took some wire and wrapped it with printer paper. Once dried, I trimmed it down and started to bend it to match the shape of the hood:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x654.



Got to where it was close enough, and glued it down along the edge:

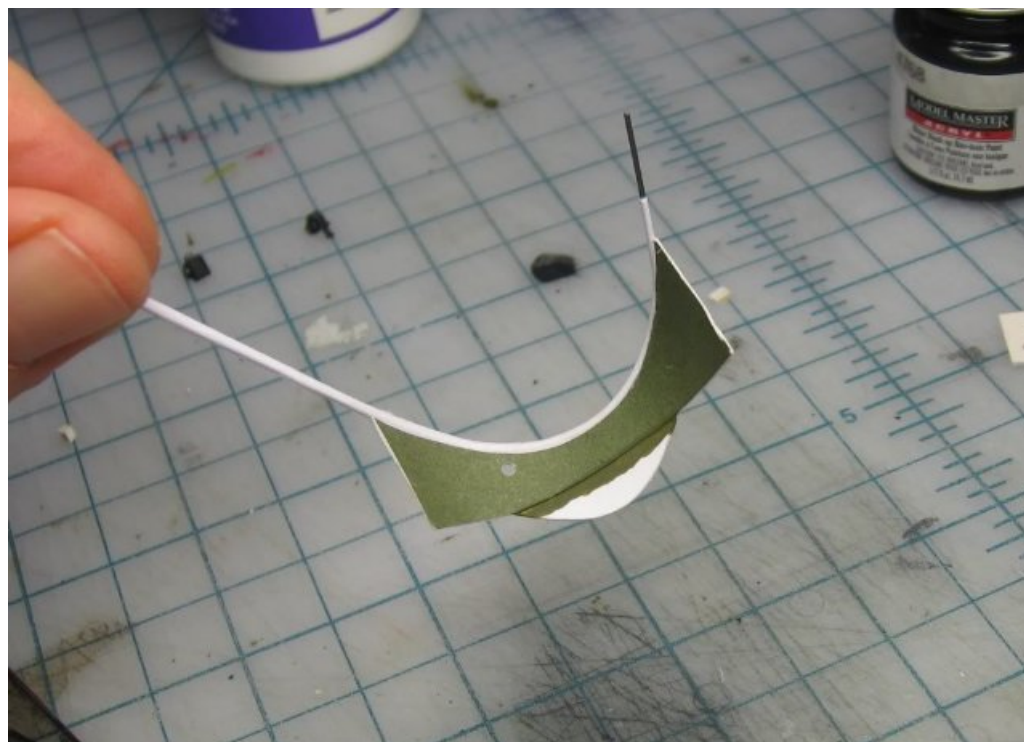
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x703.

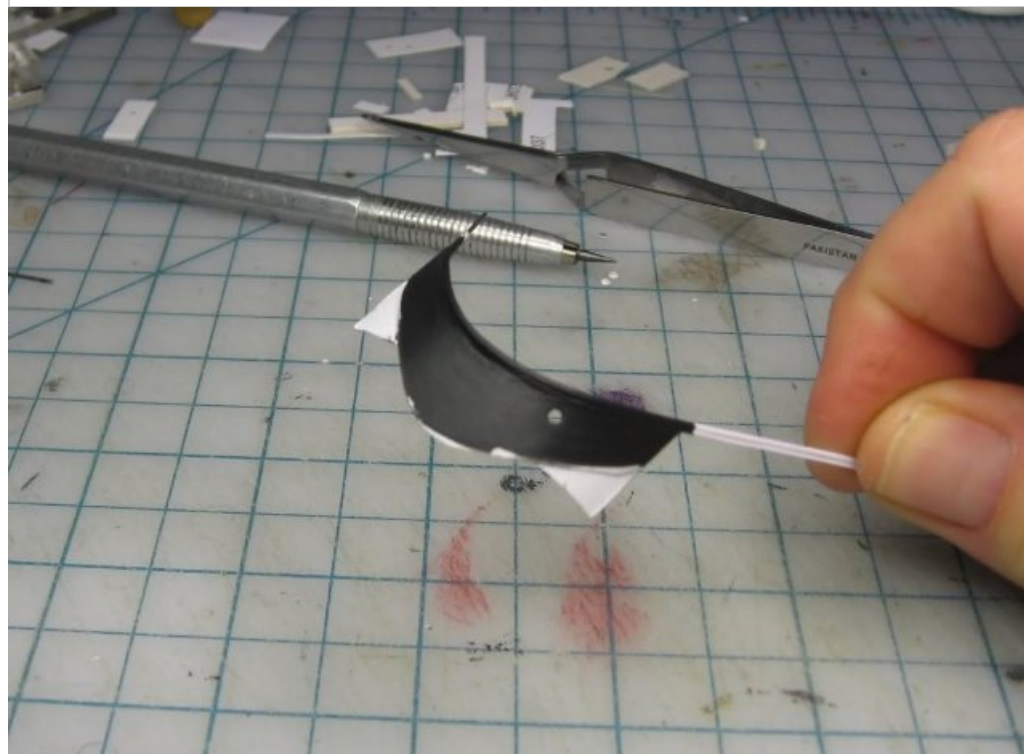



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x738.

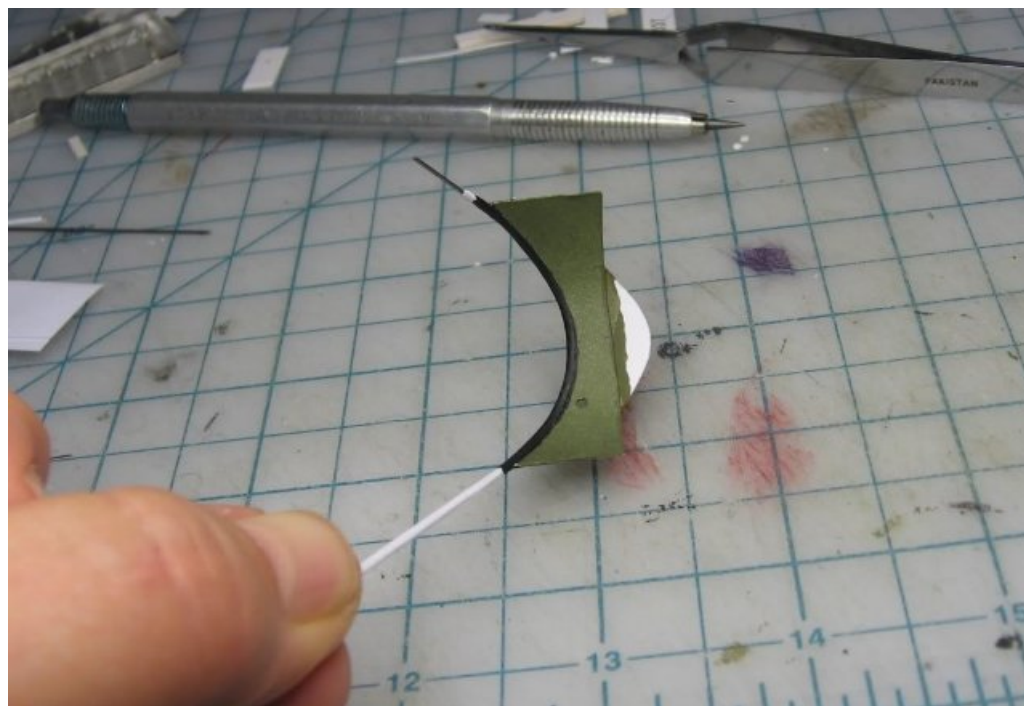


Painted flat black and now it keeps it shape:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x750.

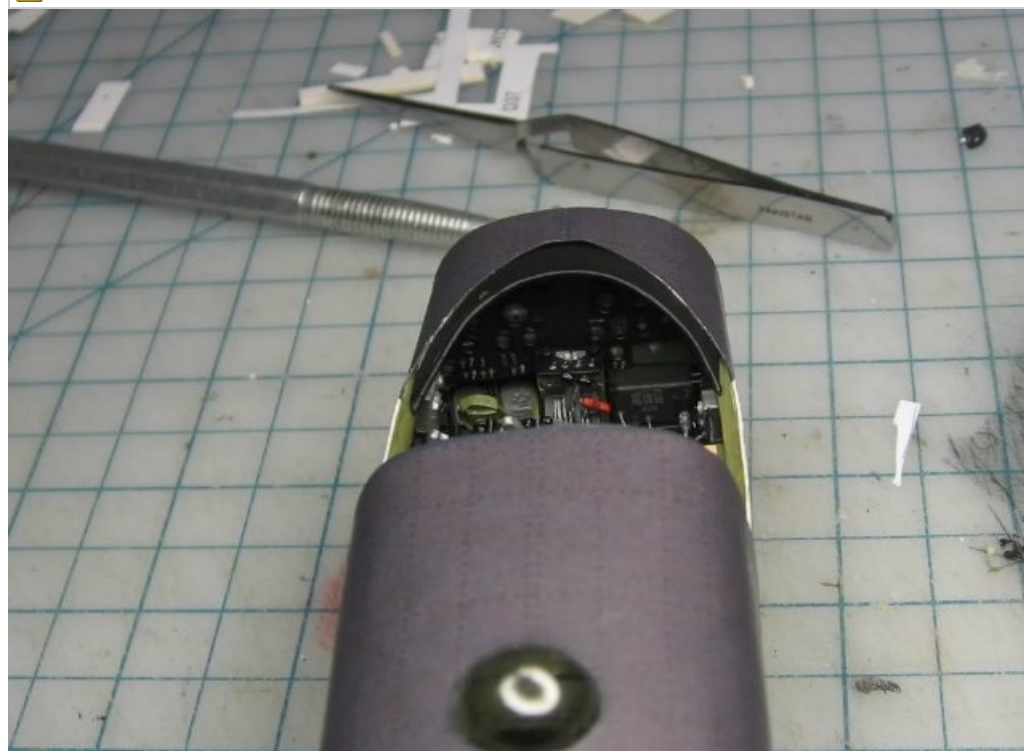


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x701.




Fits too (hurray!):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746.




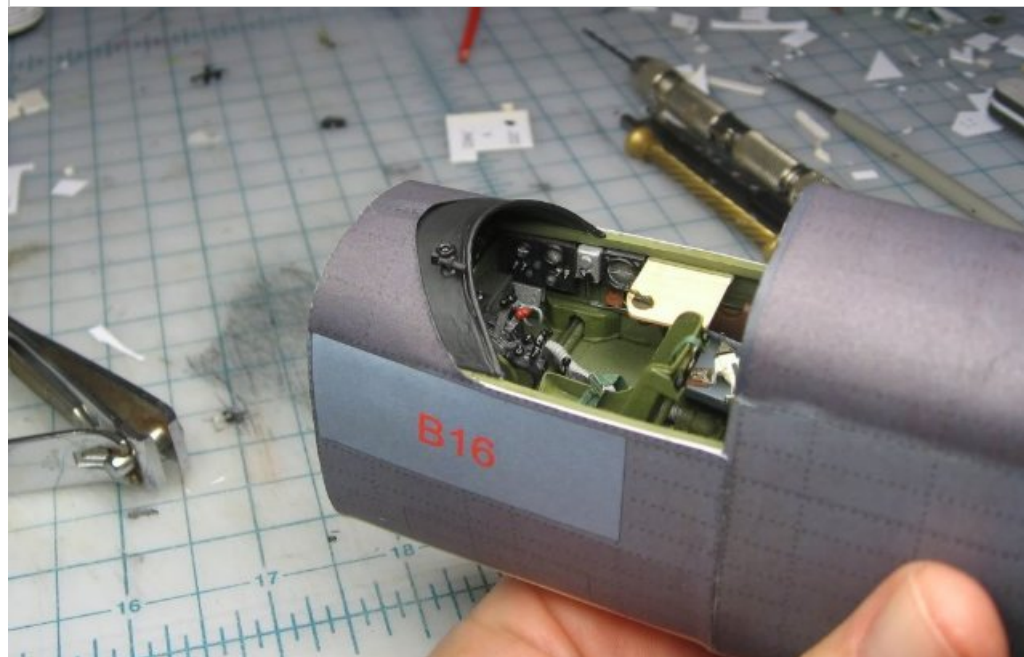
Put together the little N-3B sight. This was mostly Orlik parts, with a little embellishment by me. Love the dial face (if you can just see it):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x677.

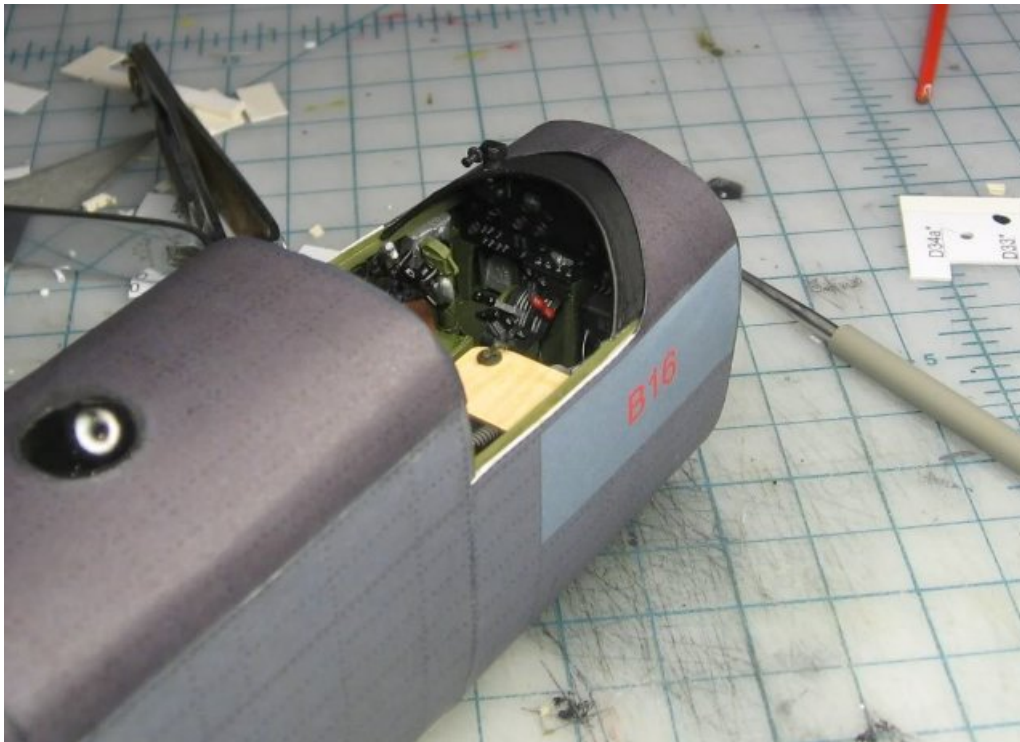


Typically, the instructions tell you how to put it together, but not where it goes, even though they did mark the hole in the IP hood part. I knew where it goes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x653.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x739.



Take a good look, because it's going to be the first casualty when I try and fit in the canopy. That's why I didn't fashion a reflector glass for it yet. We'll see how it all plays.

Now it's clear the decks, and start figuring out how to make a canopy for this thing.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Looking pretty damn good my friend - Look forward to the next instalment from you. Merry Christmas to you mate, and i hope you have a good one - You have Sooooooo deserved it with this magnificent build thread 😊


**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **peter taft** 
Merry Christmas to you mate, and i hope you have a good one

Back at 'ya my friend. Hope you have the best Christmas ever, and an even better New Year! 😊

And that goes for the lot of you here at PM as well!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 28 68 76 77 **78** 79 80 > Last » ▾

William (bill) Amos

Member

Join Date: Sep 2009
Posts: 16

feel like im sitting in on a very enjoyable advanced model building course i even think i can pass the final and will surely take the next one offered..you sure made a foll out of the guy that said"those who cant do....teach"...thanks Bill Amos

 Quote



flying rasta

Member

Join Date: Aug 2009
Posts: 109

hey family...how are you all..sorry about my absence..was on a film shoot..just dropped in on my inspirational thread and to wish mike and alnd all a very merry christmas...and an "out of recession" new year....

mike ...my thirst is satisfied..always had a leaning to cockpit details..waiting to see how you treat the landing gear in the NEAR future

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??

 Quote



pahorace

Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 347

It's a pleasure to follow this thread which is also a terrific tutorial.
Thanks.

Orazio

 Quote

Stev0

Member

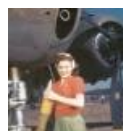
Join Date: Jul 2007
Posts: 1,071

Very busy cockpit. I sure hope all that detail won't be lost when you close it up. It would be interesting if there was a working overhead light to illuminate the interior.

I can't wait to see finished shots of this piece.

Edit: Just to give you an idea how popular this build is ... it's #1 in a google search over top of the website
WWW.PBJMITCHELL.COM. lol

 Quote



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **Stev0**

Just to give you an idea how popular this build is ... it's #1 in a google search over top of the website WWW.PBJMITCHELL.COM. lol

And the irony here is, that site's been my primary reference for this model.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Gharbad
Member

Join Date: Jul 2007
Location: Ontario Canada
Posts: 738



I checked this out because of Sakrison's thread and wow!!! Phenomenal stuff.
Now I have 70+ pages to browse 😊

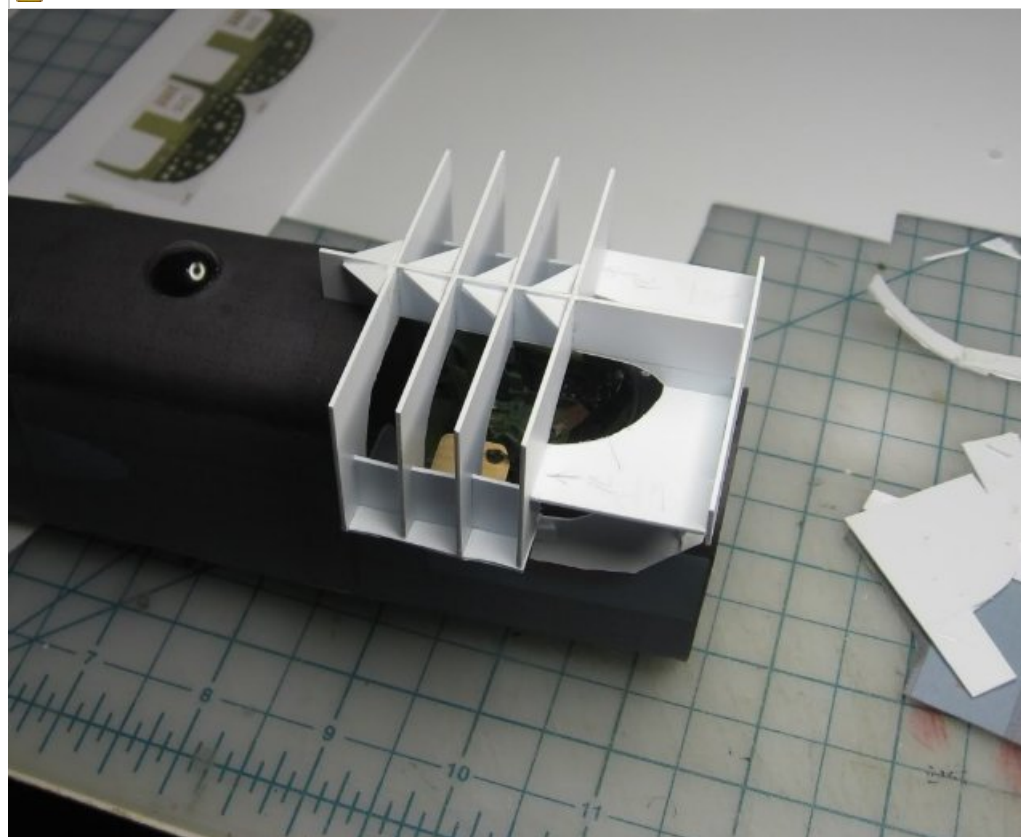
- Kuba



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x830.

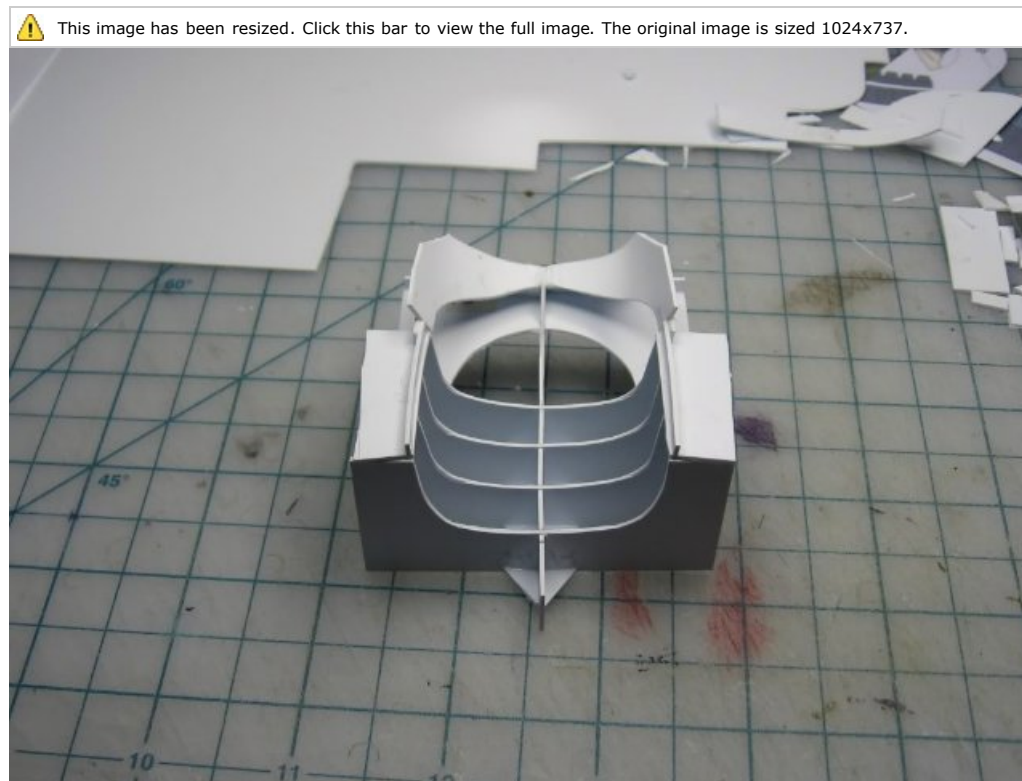


HELP! A face sucker from the movies "Aliens" has latched onto my model!!!! Get it off, get it off.....!!!

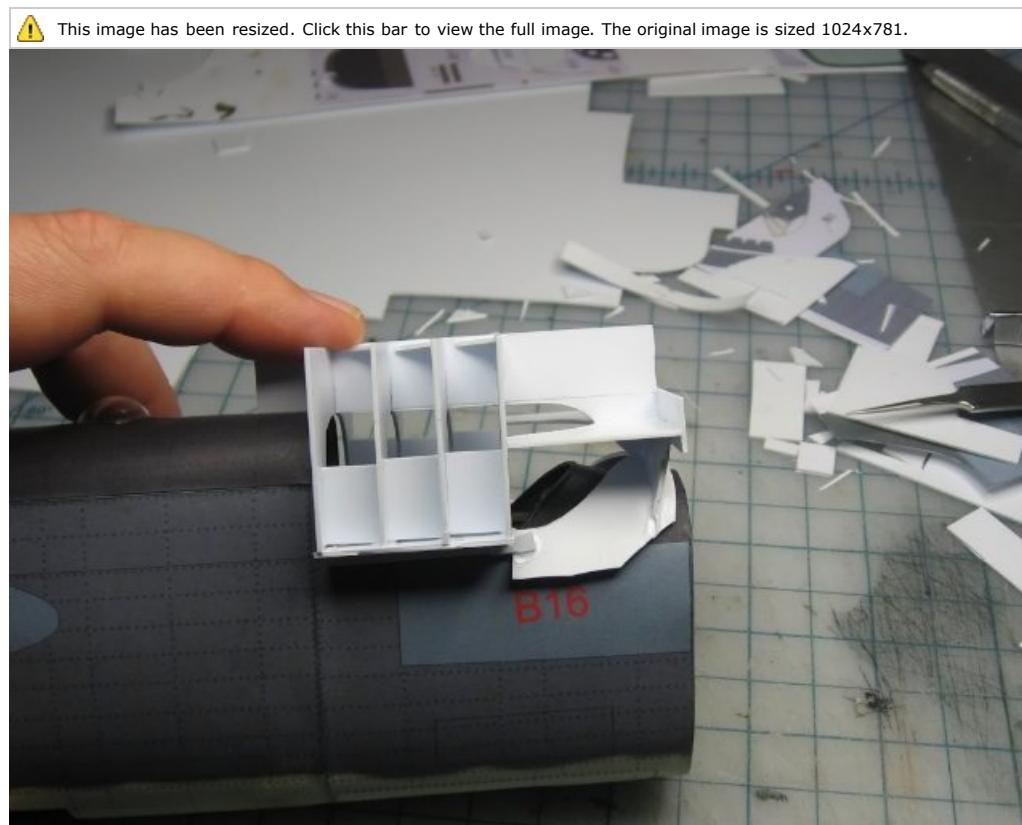
Ok, maybe not. Since Northern Virginia was being pelted with a foot of snow yesterday, I actually had time to work on the canopy a bit. I really had to noodle this through, as I couldn't use the Orlik templates for a guide to carving a mold plug. They didn't fit with the accuracy I needed (too short among other things), so I had to come up with a way to accurately shape the mold plug by measuring off the model itself. Completely made up as I went along, and this method probably is (a lot) overdone, but hey, I was snowed in and had a lot of time on my hands.

Using 0.030" thick plastic sheet styrene (gasp! Plastic, I know, but I needed something sturdier than paper card, you'll see

why), I made a series of templates and created a negative of the canopy:




You can imagine the profile here (and yes, the little gun sight broke off, as I knew it would):

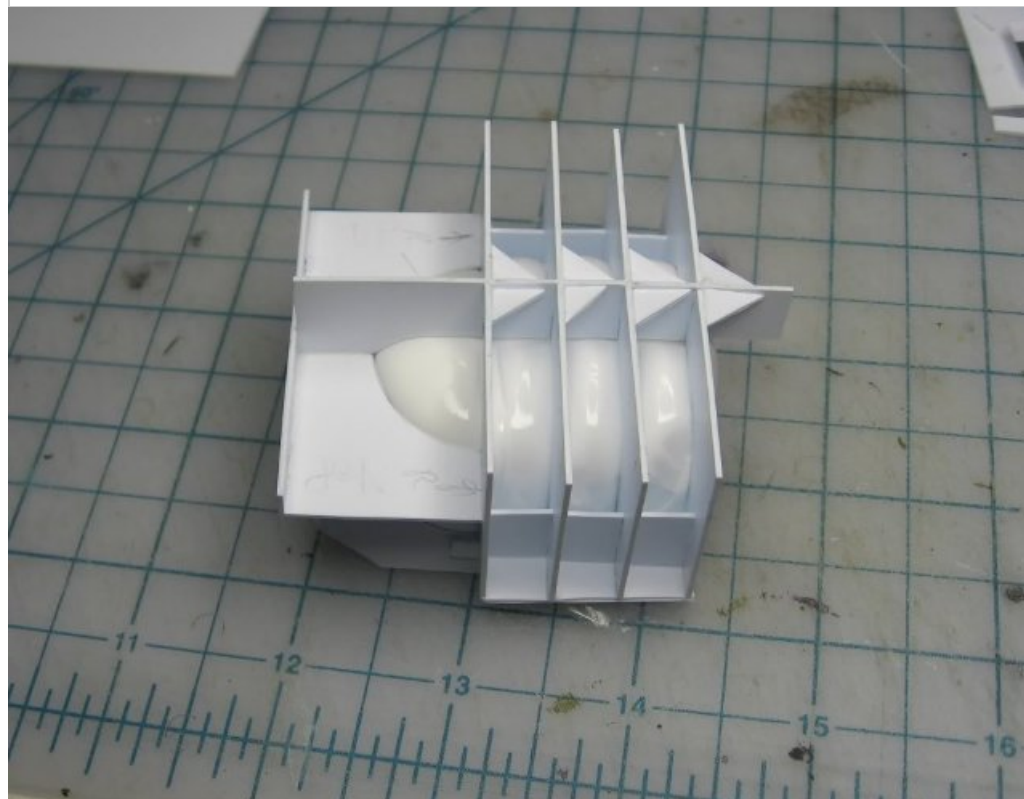


The theory was, I could take some FIMO (sculpy like stuff recommended to me from Ron, the oldest living troll), and pack it into this negative jig. I lined it first with kitchen cling wrap to help it from sticking:





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x796.




This is what I ended with. Looks like something the Michelin Man would leave, if you know what I mean:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x750.




Baked that to harden (surprisingly little shrinkage), then started carving to the lines left from the jig:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x740.




Used a file to finesse it down, all the while testing the fit in the jig:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x762.

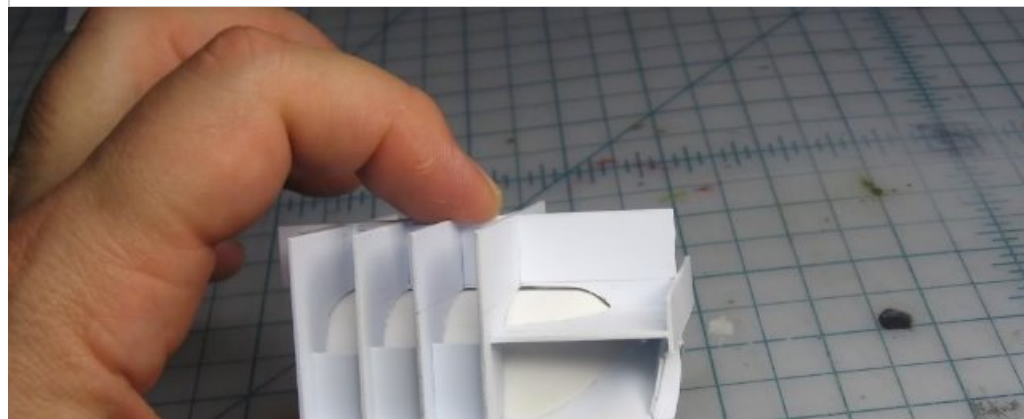


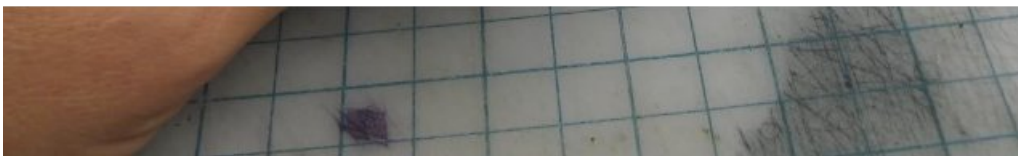
Here's where it's at now. Still not quite there, as I can still see some light between plug and jig, but close:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x754.

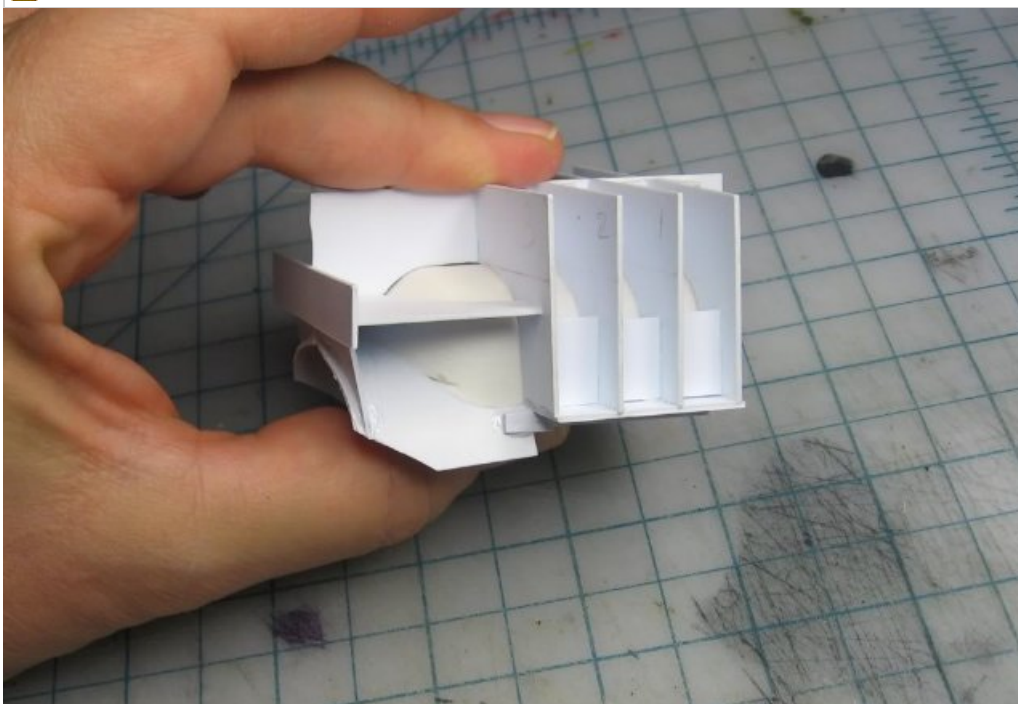


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.




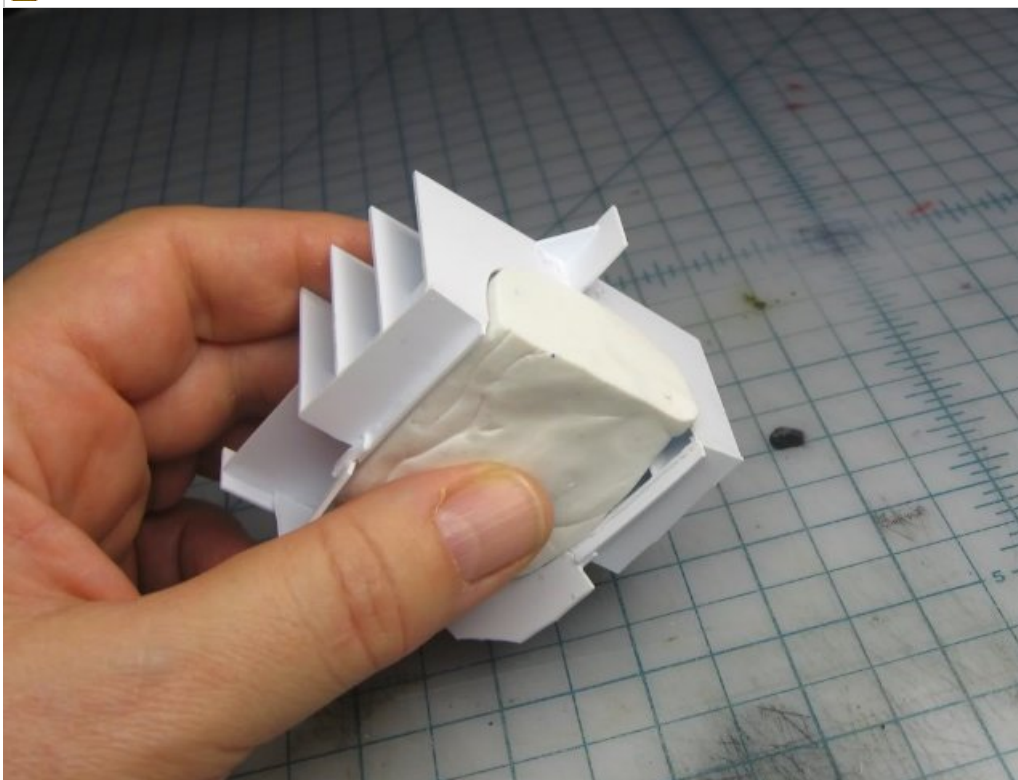


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699.



I next plan to use some Milliput epoxy putty ([link](#) to Micro-Mark, but you can find it cheaper at Amazon, among others) and coat the whole thing with a thin layer and press it once more into the jig, then the final finish. I thought I had some Milliput, but the old box I had in the drawer was rock hard. I think my local hobby shop has it, otherwise I'll have to order on line. I'll need it, as I also have to make up an ill formed corner (lower right):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x776.



That's it for now until I get some Milliput. Time to shovel snow.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



dhanners

Member

Join Date: Jul 2007
 Location : Roseville , MN
 Posts: 89

That's a marvel of simple engineering , or a simple marvel of engineering . One of the two....



Don Boose

Member

Join Date: Jul 2007
 Location : Carlisle , Pennsylvania
 Posts: 4,386

Wow, Mike! The jig is a beautiful model in and of itself!

The staff at the Army Heritage and Education Center have asked me to pass on their hopes that you will bring the Marvelous Mitchell up to show off at the Papermodelers' display on Army Heritage Day 15-16 May 2010.

Don



Bomarc

Member

Join Date: Jul 2007
 Location : Burke, Virginia
 Posts: 506

I would love to make that happen Colonel (I'd like to *think* this thing will be done by then). Maybe I can work it into my travels to Oskosh, kind of traveling road show.....☺

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 28 68 76 77 **78** 79 80 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:07 AM.


[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?
 Password

 Post Reply

« First < 29 69 77 78 **79** 80 81 > Last » 




peter taft 
Member

Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,073



Quote:

Originally Posted by **Don Boose** 
Wow, Mike! The jig is a beautiful model in and of itself!
 Don

I second that Don, Mike really pulls all the stops out on every inch of this beauty - We've come to expect nothing less, and he sure delivers 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

 Quote



Bomarc 
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Happy New Year everyone!

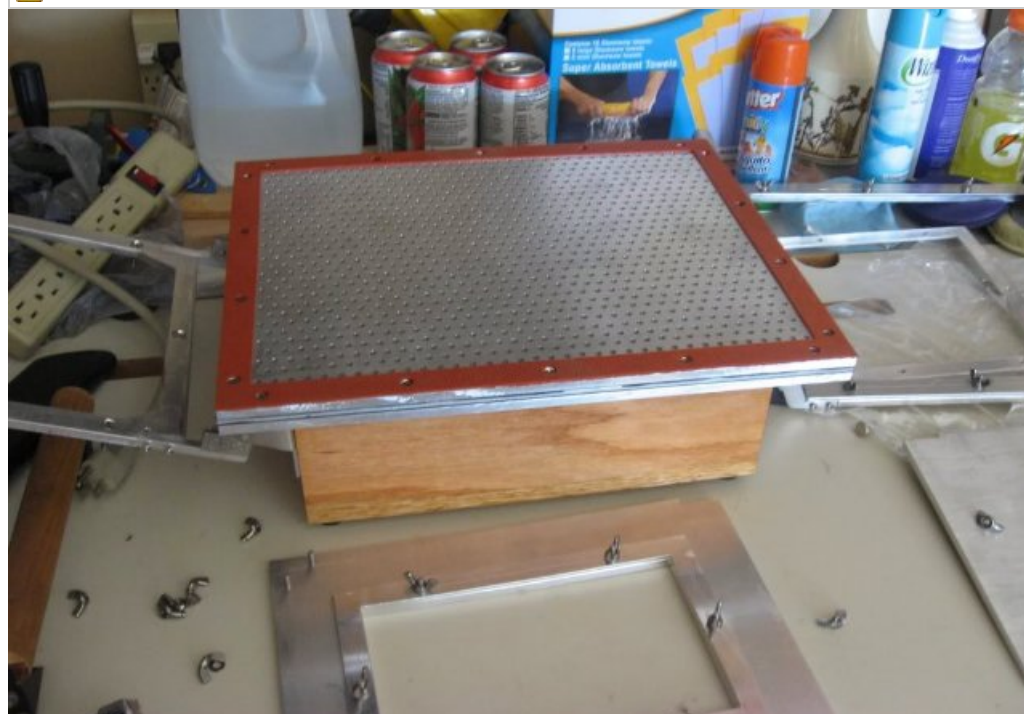
I'm writing this from an undisclosed location somewhere in New Jersey (actually my dad's house). Naturally, spending the Christmas holiday away from the modeling lair has slowed progress down to nil, BUT, I was able to finished one part while here.

I decided for the canopy fabrication to vacuform rather than "heat and smash". About 15 years years ago, in my heyday of plastic modeling, I built myself a vacuum forming device. It's been in storage here in NJ for awhile, so I figures, as long as I'm here, maybe it was time to drag it out and give it a spin:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x669.

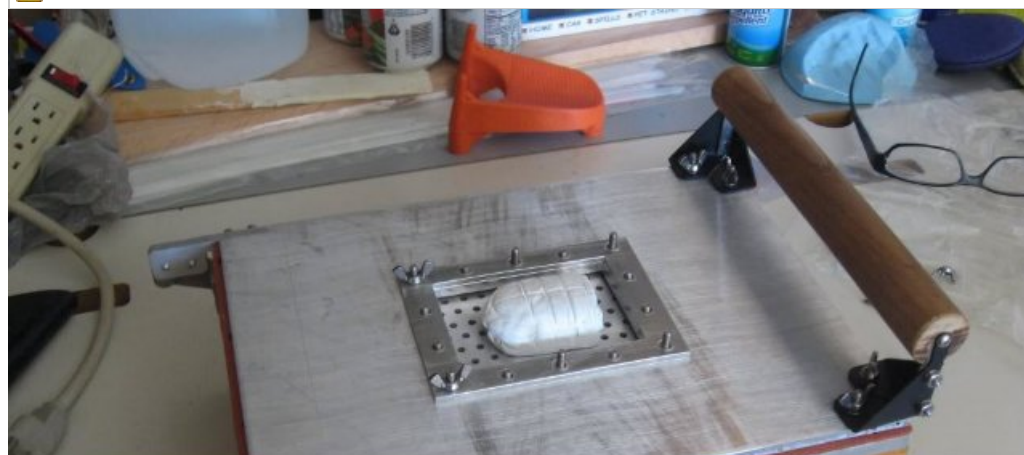


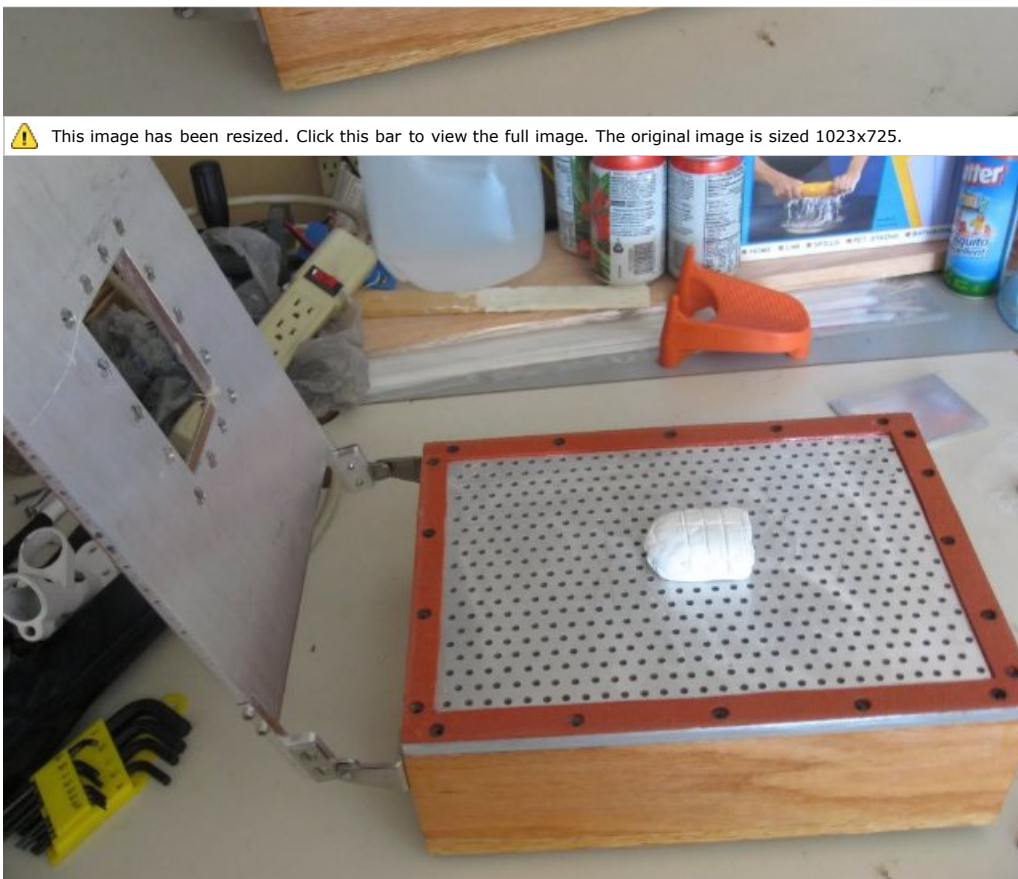
⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x711.



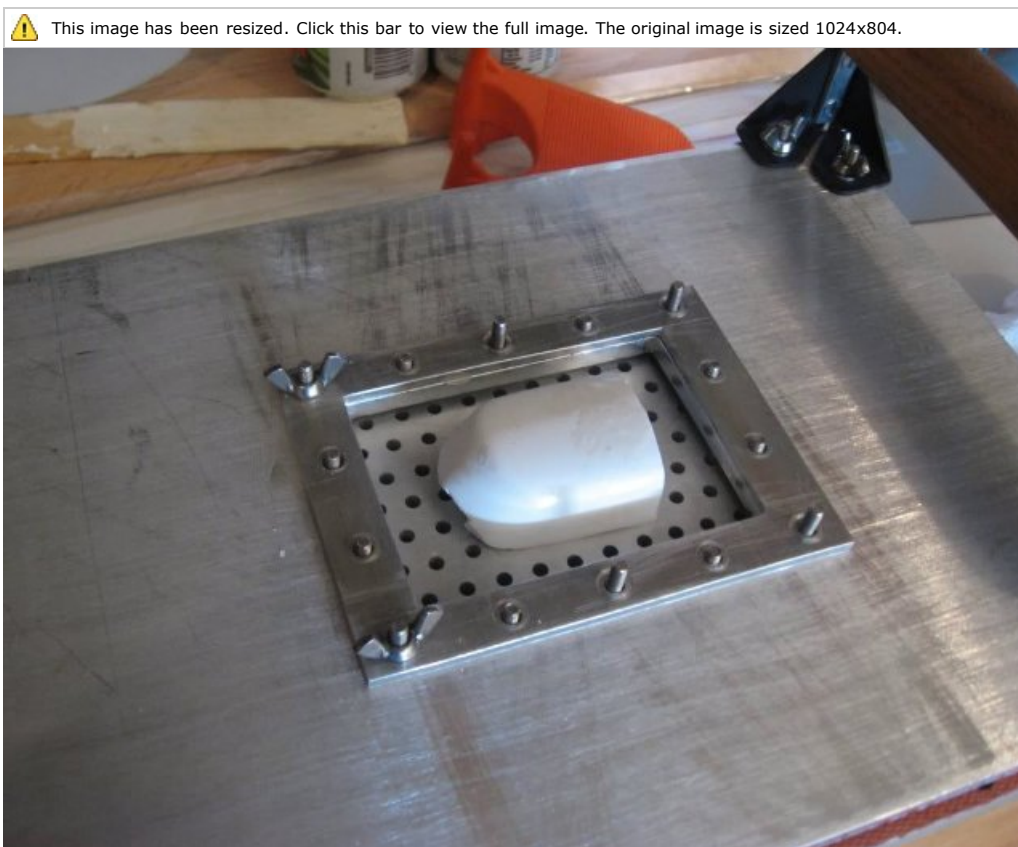
I made this when I had access to a machine shop and some scrap aluminum lo those many years ago. It was intended to used several sizes of plastic sheet from 4" X 3" up to 11" X 14", which is the size of plastic sheet Micro-Mark carries. The 11" X 14" size required the use of an extended bed adapted to the basic box. Never used it in that size, but I figured it should work in theory. Since I was making small canopies, I needed to reconfigure the contraction to the smallest size. Took awhile to remember how it all goes together but got it set up:

⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1023x711.

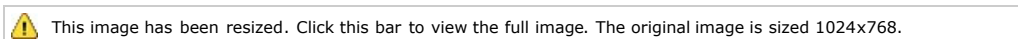


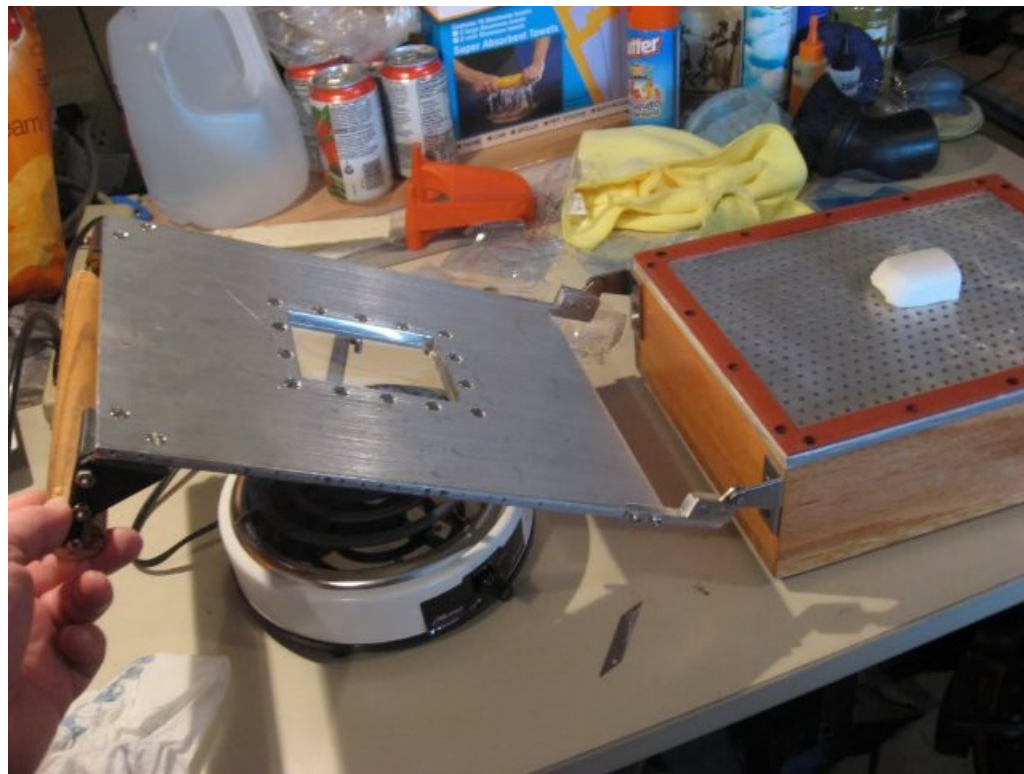


That's the plug with the layer of Milliput for the final shaping which I subsequently did:




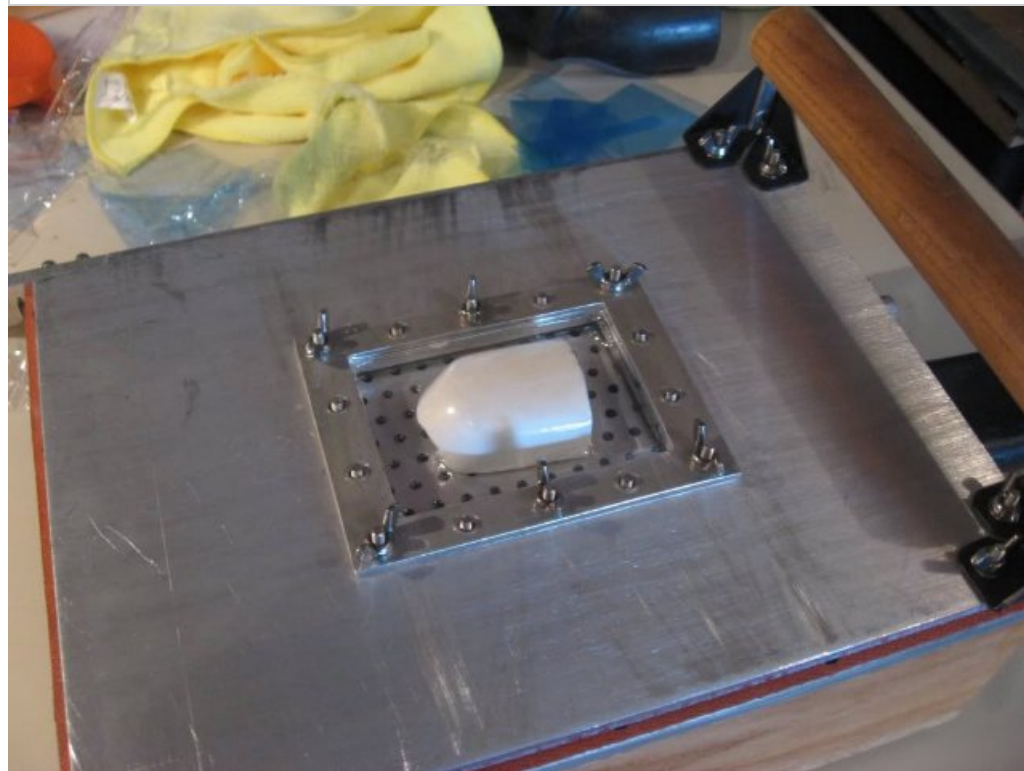
At that point on the pic, I had applied some super-glue to fill some last minute imperfections. Suction for this rig comes from my dad's shop-vac. A standard crevis cleaner attachment plugs into the end of the box. Then using a hot-plate, I heat-up the plastic (I also used a heat gun to augment and ensure even heating):






Then when it's hot, flip down the lid, turn on the vacuum:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x767.




Viola!


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.



After several crappy attempts (pile of plastic in the upper portion of the last pic), I picked up the hang of doing this kind of stuff again, and it was nothing to bang out a few copies. My dad graciously consented to man the vacuum when it came time to turn it on so I could concentrate on heating. Canopies came out pretty clear:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x754.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x802.



Haven't decided yet, but I think I may section these up and and make individual pieces and solid paper frames vice a whole bubble with frames applied on top. I never thought the later method was very convincing. We'll see....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



B-Manic
Nautica Moderator

Join Date: Jul 2007
Location : Victoria , Vancouver Island , BC , CA
Posts: 2,364

Wow 🤩 that is some rig. Pretty effective from the look of things too. Am I turning green - **YES**.

The proceeds from sales at www.hobbyfactory.com support this forum!!



Royaloakmin
Member

Join Date: Oct 2007
Location : Windsor ON
Posts: 433

Me too. if I had one of those I would go back to airplanes. Just typical of the nice work on this thread .

Fred Bultman



chiawatkom
Member

Join Date: Oct 2009
Location : Bangkok , Thailand near RTAF air base
Posts: 363

Thanks for sharing the professional technique of how to form up a canopy. It's cool!

Chaiwat Kosatanakom (Jack, the papermann)

National Paper Modeler 😊

"We Invent These Toys For Our Next Generation!"**cdavenport** 🌐

Member

Join Date: May 2008
Location: Near Athens, Georgia
Posts: 948

For the framing, I developed a technique to treat the paper like a decal. This works for card stock as opposed to copy paper.

After printing the frame, remove all the underlayers of cardstock leaving only that layer that captures and holds the ink imprint.

The ink layer is remarkably thin. Apply this to the canopy, inside and out with your favorite glue. There is the slightest edge that already has the ink impregnated. It's most convincing and easy to do.

BTW, your vacform setup is very professionally built. Allow me to suggest that you mount the vacuum core from an old vacuum cleaner. That's my set up.

Maj Charles Davenport, USAF (Ret)

**peter taft** 🌐

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Hi Mike. Once again a day made better for me by a visit here 😊 Seeing what can be achieved with a lot of thought and dedication really shows out. I am really pleased to tell you that this thread - and you.... are in my thoughts always when i attempt anything, you know what i'm saying... "i wonder how Mike would do this ?" you are a true professional in every sense of the word, and one guy i certainly look up to and set stall bye. Just marvellous absolutely marvellous 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

**the hermit** 🌐

Member

Join Date: Oct 2008
Posts: 161

when will you be selling the other canopies???? 🙄

i need some for mine lol

great job i hope to copy that when it comes time to build mine

this is such a great project...

**Bomarc** 🌐

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **cdavenport** [↗](#)

For the framing, I developed a technique to treat the paper like a decal. This works for card stock as opposed to copy paper.

After printing the frame, remove all the underlayers of cardstock leaving only that layer that captures and holds the ink imprint.

The ink layer is remarkably thin. Apply this to the canopy, inside and out with your favorite glue. There is the slightest edge that already has the ink impregnated. It's most convincing and easy to do.

Thanks Major. I'm going to give that a go.

Quote:

Originally Posted by **cdavenport** [↗](#)

BTW, your vacform setup is very professionally built. Allow me to suggest that you mount the vacuum core from an old vacuum cleaner. That's my set up.

Thanks again. It's over-engineered, but I had fun making it. I do like the concept of salvaging a vacuum cleaner to make it integral with the whole rig (very "Myth Busters"-esque) but for the amount of run time this thing gets, plugging in a shop-vac when needed seems to suffice.

Quote:

Originally Posted by **peter taft** [↗](#)

... "i wonder how Mike would do this ?"

That's not necessarily a good thing Peter, for "Mike" would probably over do it and make a complicated mess of the whole thing. But, if helps you get to where you want to go in your models, then wonder away!! 😊

Quote:

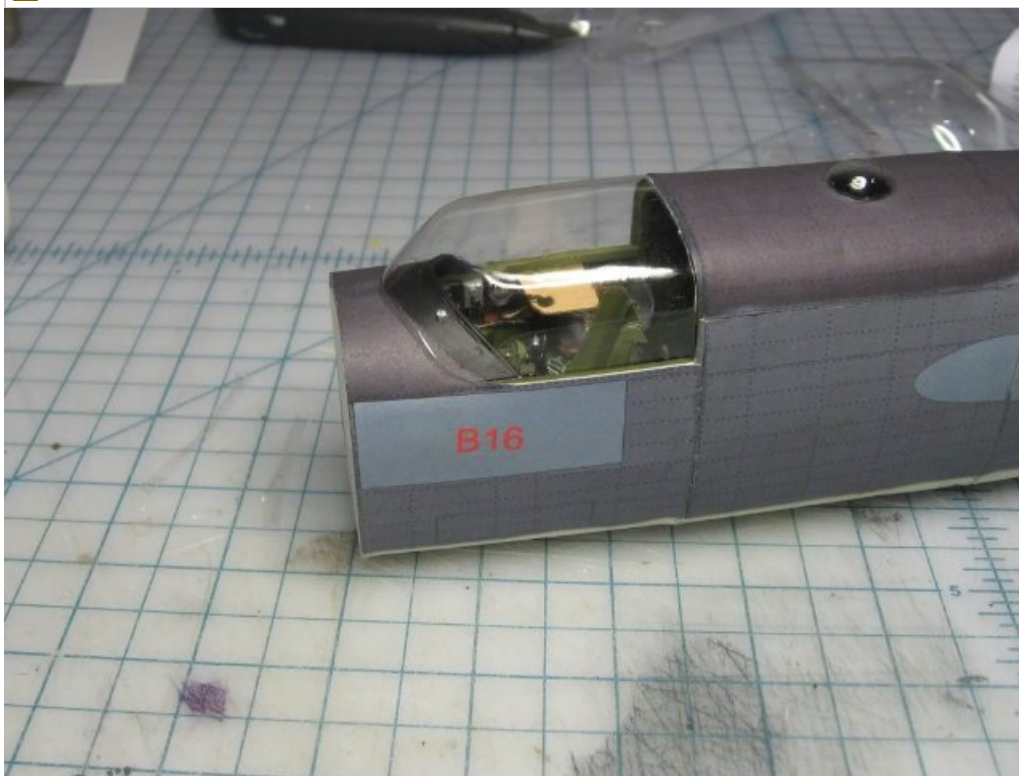
Originally Posted by **the hermit** [↗](#)

i need some for mine lol

You can have all you need if it will spur you to start that Orlik beast. 🤖

Well, I'm back in my modeling lair, but I don't have much of an urge to work on anything at the moment. The holidays have taken their toll. I did manage to rough trim one of the canopies and seems to fit pretty good:

⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x770.



⚠ This image has been resized. Click this bar to view the full image. The original image is sized 1024x758.



It'll take some massaging, but should be OK. You can see some cockpit stuff in there. Actually, there's a sliding panel on either side for the pilot(s) to stick his head out, so I can't let those go unopened, can I? Then you'll be able to see everything fairly well.....

More as I can bring myself to make.

Happy New Year!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



cmdr199212
 Member

Join Date: Jul 2008
 Posts: 49

Mike, what would you charge to make a few canopies? I'd like some (borderline need) and don't have the expertise or equipment to make one.

Thanks, and Happy New Year!



« First < 29 69 77 78 **79** 80 81 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

BB code is **On**
 Smilies are **On**
 [IMG] code is **On**
 HTML code is **Off**
 Trackbacks are **On**
 Pingbacks are **On**
 Refbacks are **On**

[Forum Rules](#)

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

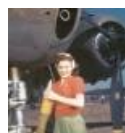
Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password


« First < 30 70 78 79 **80** 81 82 > Last »



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

If you have the mold plug already made (or can make it), you can send that to me and I'll mold all you want. If I have to make the plug, then it will have to be awhile before I can do it, for I need to devote my attention to this Mitchell task master for now.

If you're hesitant to make a mold, it's really easy (and kinda fun). You can use any number of hardening clays, like Sculpey or FIMO, both available at Michael's Crafts or similar places, or Milliput (my favorite). Plus, making the mold plug yourself helps ensure a good fit of the final product as you have the model to work off. I would just be guessing as to shape/fit issues.

If you need help making the plug, PM me. I'll try to talk you through it.

HTH

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>




kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 344

Mike,

Just out of curiosity, where do you get your plastic?

Ken




the hermit
Member

Join Date: Oct 2008
Posts: 161

that canopy looks really really good.

it makes me want to build a rig like you got!

thats some really nice work and its clearer an nicer than alot of the ones i buy from europe

thanks for the build!

and happy newyear!






peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Clearly superior canopy Nice one Mike, will look very smart with the frame and the slider too 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **kenwest**
Just out of curiosity, where do you get your plastic?

Funny you should ask Ken! Just yesterday, I purchased some more "Vivack" from [here](#), having exhausted my supply for this Mitchell. I picked up my traditional 0.020" for canopies, and some of the 0.010" stuff, which I hadn't seen before from MM (but I don't visit there very often, which is probably a good thing). I think that the thinner sheet might be good for smaller items like navigation lights and the like, or smaller scale canopies.

Quote:

Originally Posted by **the hermit**
it makes me want to build a rig like you got!

Thanks for the kind words. If you haven't already, I recommend a visit to this recent thread:

<http://www.papermodelers.com/forum/aviation/6712-vacu-form.html>

Lots of good intel on home brew vac-forming and similar techniques. Even if you just "heat-n-smash" a canopy, the results are better than a "flat" canopy and it's strangely satisfying to do. 😊

And thanks to you Peter. You're a good friend and I always appreciate your unwavering support.

I said it already, but Happy New Year everyone (when does etiquette say we can stop saying that, a week?)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>

Last edited by Bomarc; 01-02-2010 at 08:21 AM.



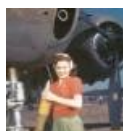
Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,386

A very useful thread, Mike, which I had missed. Many thanks for pointing it out. Lots of world-class model builders contributing to that discussion.

All the best in 2010.

Don



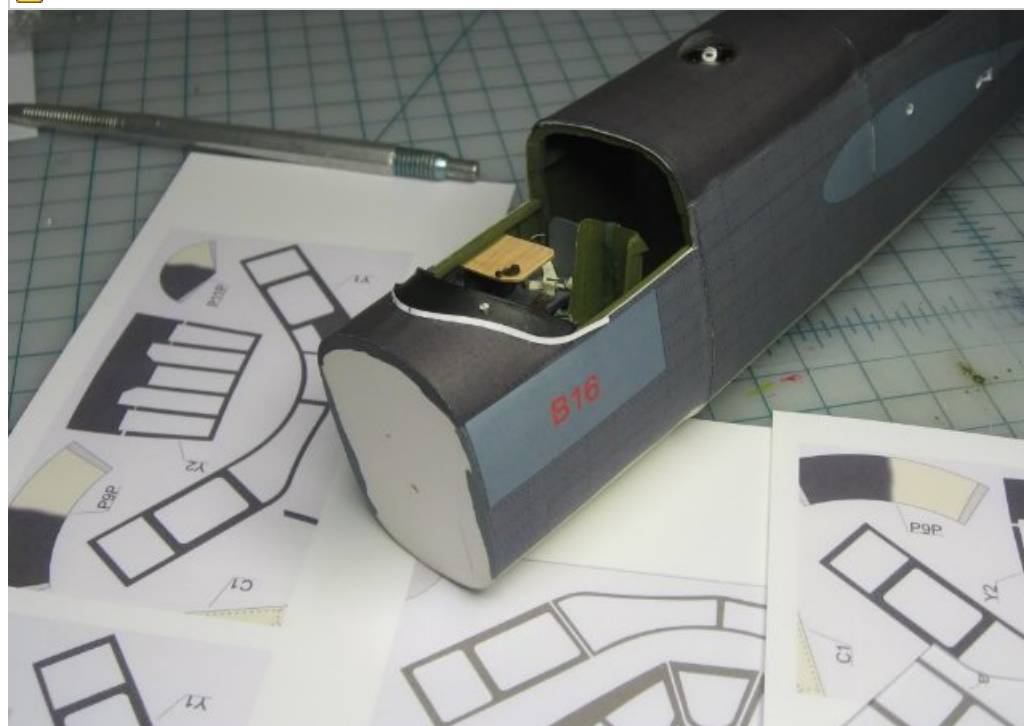
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

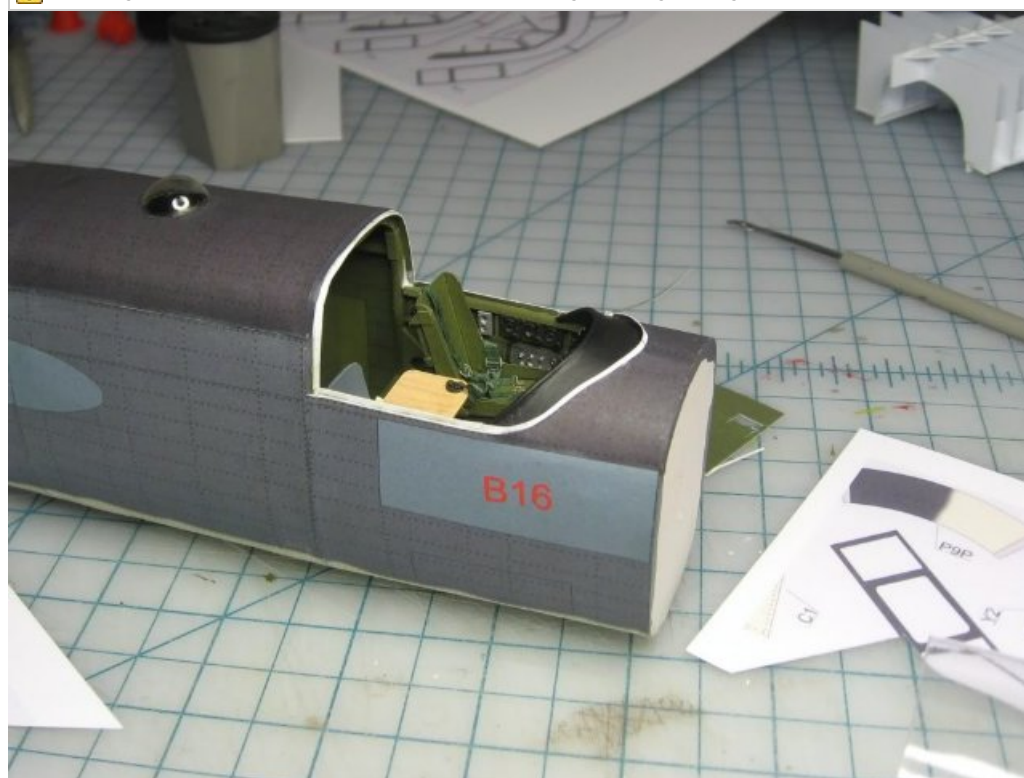
Thank you Don, back at 'ya!

I'm slowly coming out of my Holiday daze, and making some headway. Before I trimmed the canopy to fit, I lined the edge of the cockpit opening with card to give me a flange to set the canopy on:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x720.



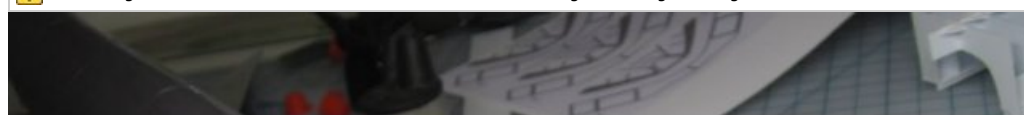
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x772.

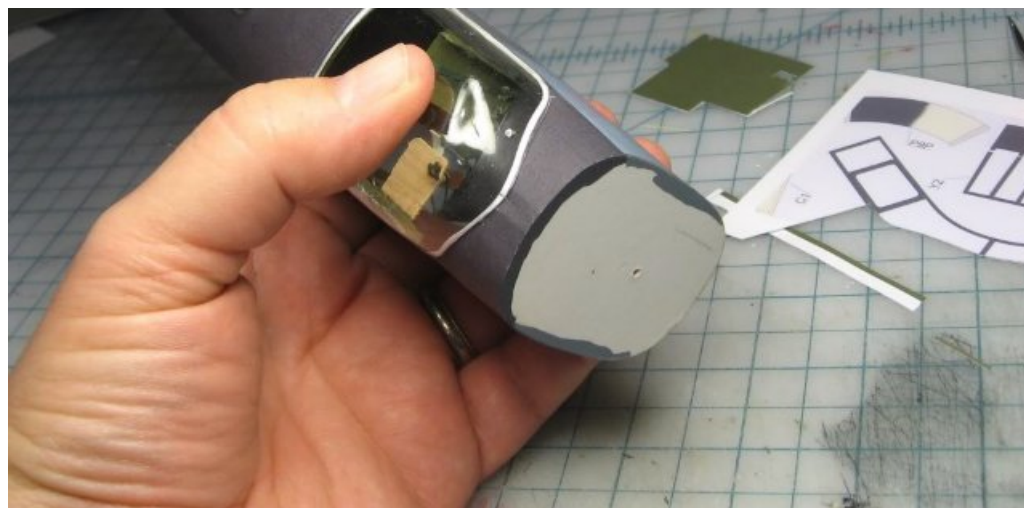



I printed a bunch of the kit's framing from my scans on 65lb card stock and cut out what I needed for the windshield portion. The sides and back are just extra green material from the kit. After everything is fabricated and ready for final assembly, I'll paint out any portion of the white that will be visible.

Once I had a good foundation it was easier to trim/fit the canopy. Trim probably isn't the right word, as I was using some 240 grit wet/dry sandpaper wrapped around a 5/8" dowel to sand off a little here and a little there. In the end it fits well and I think maintains that Mitchell profile:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x760.





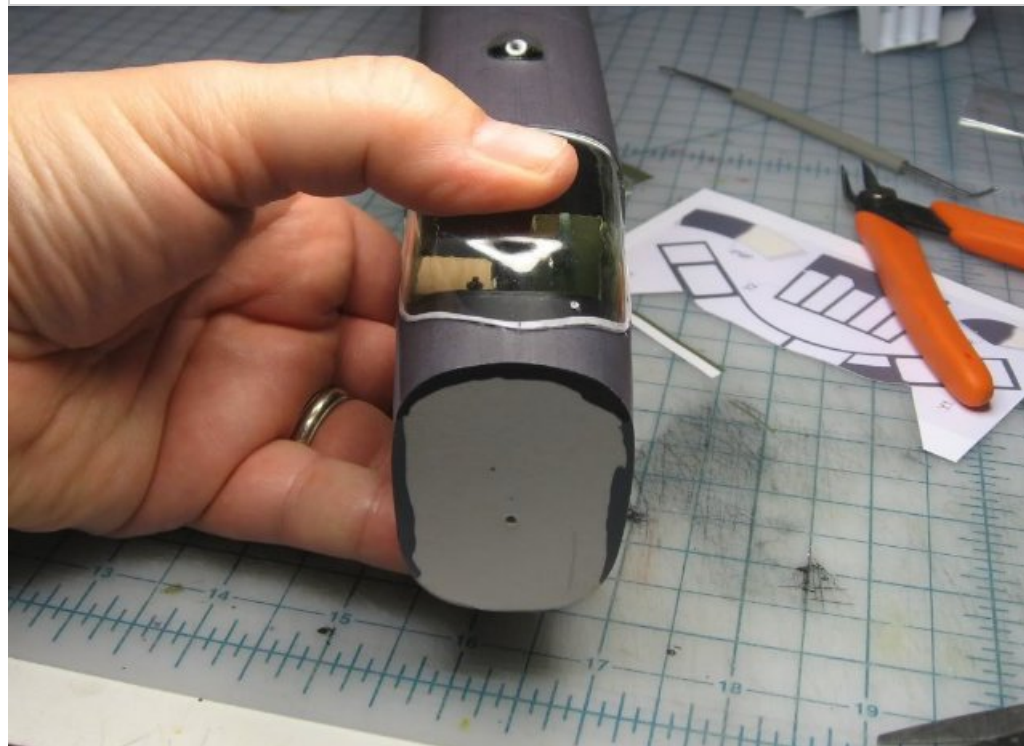
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x782.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x777.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x743.



Still some minor finessing, but I'm satisfied with the overall fit. Next is to cut out the side panels and start framing this thing up.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



willygoat
Member

Join Date: Jul 2007
 Location : Papillion ,Nebraska
 Posts: 1,269

OOooo goody goody goody!! Can't wait. 🍀



flying rasta
Member

Join Date: Aug 2009
Posts: 109

Happy new year mike...oooh wow!....this canopy is something to behold..superb mike please don't drop the ball now in persuing excellence..it has become the new "normal" on this thread..very inspirational.

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



Bomarc
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 506

Quote:

Originally Posted by **flying rasta**
...please don't drop the ball now in persuing excellence...

Well, I wasn't planning on dropping the ball, but I will redouble my efforts just in case.....😁

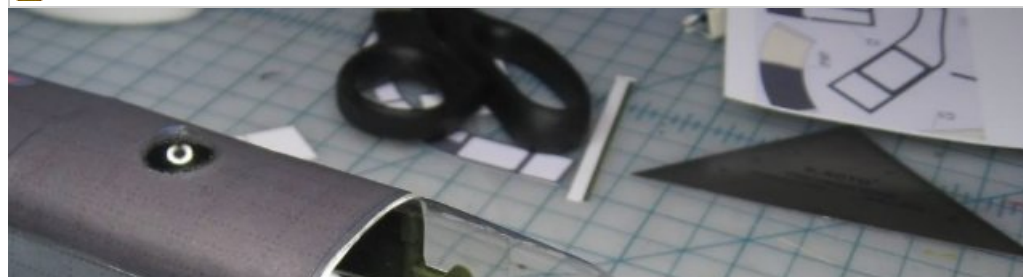
So I cut out the side panels, cleaned up the edges, gave the whole thing a final polish with "Blue Magic" stuff, then I dunked it into "Future" floor polish:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x691.



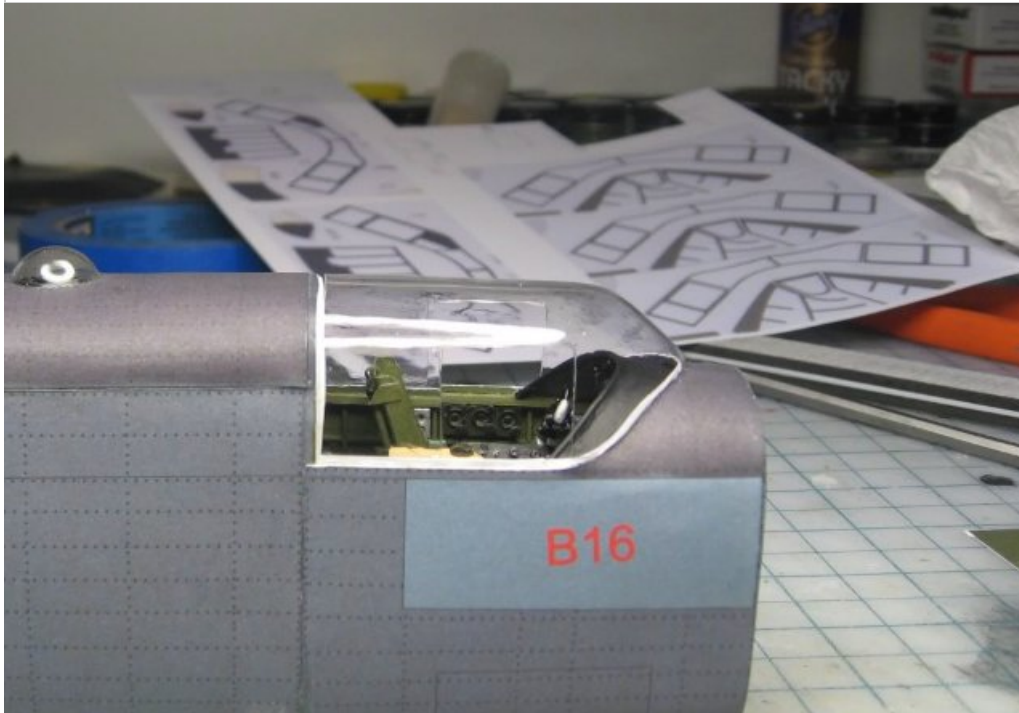
Using Future to clear up canopies has been a plastic modelers staple for ages. Just give a hint that S.C. Johnson and Sons *might* discontinued production of Future and the howls of protest from modelers from all parts of the world would be deafening ("*I sense a disturbance in the force*"). And not without good reason, the stuff really does a good job:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x711.



The hardest part is to resist touching the thing until it completely dries. Incidentally, "future" is now known as "Pledge with Future Shine", but it's the same stuff. Go [here](#) to learn everything you ever wanted to know about Future.


So now it comes down to adding frames to the interior, and I started noodling it through as my fear was I would mess up my nice clean canopy with glue everywhere. That led to a good old fashion Sunday afternoon experiment. I'm sure somebody has done this before, although I'm usually out of the loop for such things and always end up "re-inventing the wheel"....

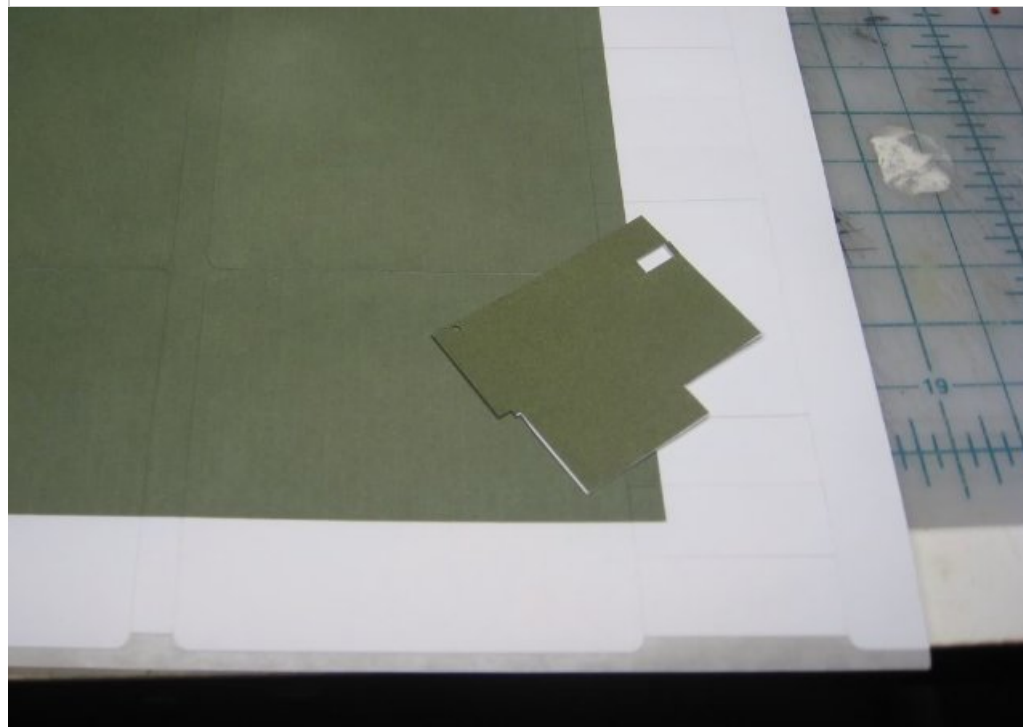
Anyway, I have this full box of sticky labels for 3.5" floppies (remember those?):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x735.




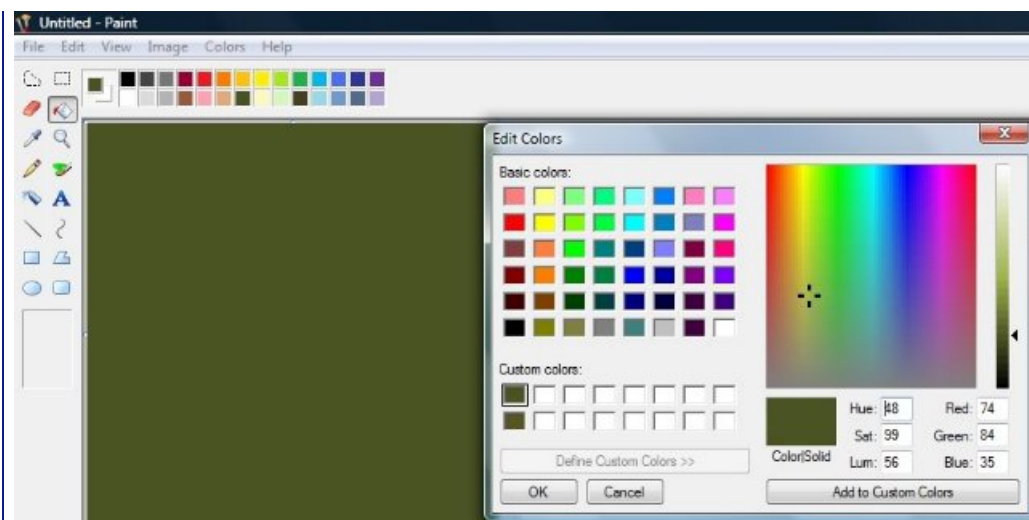
The last three computers I've bought for the house didn't even come with a 3.5 drive as an option. But I figured there would be a good use for these labels someday, and maybe today is the day! Went into paint and worked up a color close to the Green Orlik used in this kit. After some "print and miss" swatches, came fairly close to a match. Printed that on a sheet of the floppy labels. The small chunk is what's left of the Orlik stuff:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x721.

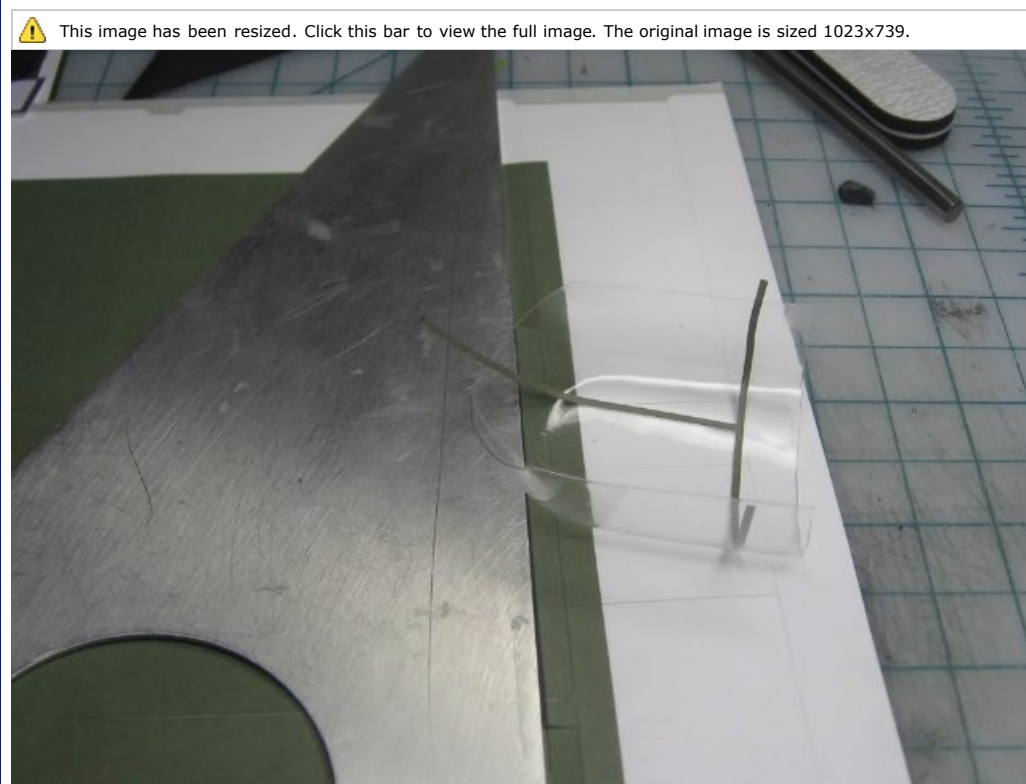


Here are the numbers if you ever you find yourself in need of "Orlik Interior Green":

 This image has been resized. Click this bar to view the full image. The original image is sized 856x432.



So now I figure I can just cut out what I need and stick it on the inside. I dunked two extra canopies in Future for test vehicles, and burnishing the stickers down sets them pretty well:



I will have to paint the edges just as would have with a plain paper part such as what Orlik supplied, so not much difference there, *but* at least I don't have to spread glue and potentially make a mess.

So has anybody else tried this before? How successful were you if you did? I think it has potential.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 01-03-2010 at 03:07 PM.



« First < 30 70 78 79 **80** 81 82 > Last » ▾

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

 « First < 31 71 79 80 **81** 82 83 > Last »


Texman
Lilliput Transportation

 Join Date: Jul 2007
 Posts: 694

Well, after much trial and error, wailing and gnashing of teeth when I did my Mig-21 canopy, I must add this trick to my cluebag. Wish you had done this like, Thanksgiving! Sierra Hotel, Bravo Zulu, and whatever others you can come up with!

 Ray

Don't squat with yer spurs on.....It's gonna hurt

 Quote


Clashster
Member

 Join Date: Jun 2007
 Location: The Conch Republic
 Posts: 1,005

Great work, Mike! Very cool hints... BTW - if you have to paint the edges, why not just paint the whole piece - though I love to see you reinvent the wheel! 😊

 Chris

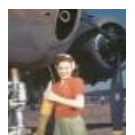
Currently have way too many hobbies

 Quote


willygoat
Member

 Join Date: Jul 2007
 Location: Papillion, Nebraska
 Posts: 1,269


Excellent work Mike! I've been using the label/sticker paper idea on all of my canopies. It works great!!!

 Quote


Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

Originally Posted by **Texman** 
Wish you had done this like, Thanksgiving!

Sorry my timings was off Ray, but I think you'll have plenty of chances to use this trick. I doubt we've seen the last micro MiG 21 from you..... 😊


Quote:

Originally Posted by **Clashster** 
if you have to paint the edges, why not just paint the whole piece

No reason not to, good point Chris. I guess I'm just being a traditionalist paper modeler (whatever that means). Actually in my case, the supply of paint I mixed up to match the Orlik green is getting dangerously low, so printing the bulk and just

doing touch up will help conserve what I have to the bitter end (I hope!).....

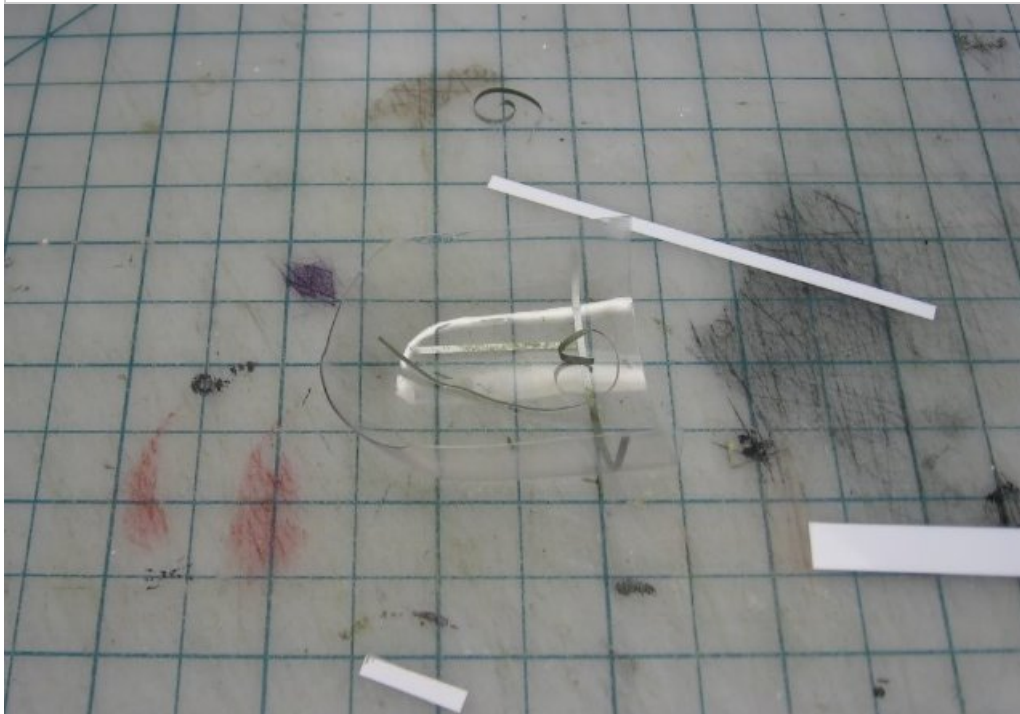
Quote:

Originally Posted by **willygoat** 
Excellent work Mike! I've been using the label/sticker paper idea on all of my canopies. It works great!!!

Thanks for the confirmation WG! I figured this wasn't new technology, just seemed like a no-bainer.

As a follow-up to this afternoon's activities, I waited an hour and tried to pull off the framing I placed on my test piece:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713.

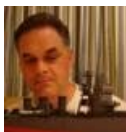


The paper separated and I had a hard time scraping off what was left behind with my fingernail, so as Willygoat says "works great"! I'm going to use the Orlik parts as patterns and line this thing tonight.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



redhorse 
 Member

Join Date: Mar 2008
 Location: McKinney, TX
 Posts: 1,705

What's the "Blue Magic" stuff? Is it some household type product?


Jim



Bomarc 
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

Originally Posted by **redhorse** 
What's the "Blue Magic" stuff?

This stuff Jim:

<http://bluemagicusa.com/index.php/bl...c/products/102>

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



John Bowden

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

That blue magic stuff does work great. I had to polish the plexi on my F-150's dash gauges and it did the trick. Seems someone before I got it used alcohol on the plexi and made it cloud up. This stuff polished it right out.

I concur with willygoatt on the labels for canopy frames..... been using that for a couple of years now. I even use it on paper canopies to replace the frames and make them look a little better. OCD I know.....

Bomarc..... are you going to have this done in time to get it to Pensacola by the 15th? I sure would like to see it in person.

john

www.dgapapermodels.com

[My Drawings](#)



Zathros

Member

Join Date: Jul 2007
Posts: 1,163

Kerosene works great on motorcycle helmet face shields but I don't know about small stuff.

"Zathros used to being beast of burden to other people's needs... is very sad life. Will probably be very sad death! But, at least is symmetry".



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **John Bowden**

are you going to have this done in time to get it to Pensacola by the 15th? I sure would like to see it in person

Pensacola, Florida?! I'm sorry but I wasn't planning to go there, even if I could wrap this model up by the 15th. Why do ask?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>





John Bowden

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 809

My bad..... I thought that was what was in Wily's thread.....

[Gulf-coast cardmodelers...](#)

john

Zat..... that's a new one on me.... kerosene never would have thought to try that.

www.dgapapermodels.com

[My Drawings](#)



« First < 31 71 79 80 **81** 82 83 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:09 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 32 72 80 81 **82** 83 84 > »



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by **John Bowden**
My bad..... I thought that was what was in Wily's thread.....

Ah, it all makes sense now. I missed that thread in it's first go around (can't read 'em all). I think Wily was joking about my model being there, but it's a great event and I wish I could be there model in hand or not.

The National Naval Aviation Museum wouldn't want my Mitchell anyway, as it was a *Marine Corps* Mitchell... 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 01-04-2010 at 06:12 AM.

 Quote



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,073

Hi Mike. My wife makes cards {Birthday - Christmas etc etc} she embellishes them with some self adhesive strips that are a peel offs... they come in a variety of colours and widths, and depending on scale, make great canopy frames {i used them on Fireball XL5} and you can also get them in a metallic effect, they stick very well, and the thickness is just about right - once again depending on the scale of the model you use them on. You already have a great solution for your frame anyways, and must say it looks very good, and the idea is coool. All the best mate 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

 Quote



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

NOW you tell me! 😊 Thanks Peter, may have to browse my local craft store to see if I can find some of that stuff.

I've noticed that my link in a previous post to the page about Future floor wax is broken. Here's the complete link to "The Complete Future":

[The Complete Future](#)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



Stev0 
 Member

Join Date: Jul 2007
 Posts: 1,071

Why don't you mask the no-paint areas and just paint the canopy?



Bomarc 
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

I guess painting would be an option vice applying paper frames of one type or another. One thing that would steer me away from it: Potential paint bleed under the masking medium and the clean up that would entail. I think I can get a cleaner application and maintain the heavy Mitchell-like feel of the framework with some kind of applied material. Plus the kit supplied parts have printed rivet detail that I would like retain and use to some degree on the model.

There is another framing technique I'll throw out there for anyone interested that I've used in plastic modeling with success. Take a sheet of clear decal film (Mirco-Mark carries some as does most hobby shops) and first airbrush the interior cockpit color of your model (green, gray, black, or what have you) on the sheet. Then over the top of that, apply a coat of the external color (camo, aluminum, etc). Cut into strips, and apply like any other decal to the outside of the canopy. The internal color will show through the inside and match the rest of the cockpit. Works better in the smaller scales (1/72nd or so).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>



Stev0 
 Member

Join Date: Jul 2007
 Posts: 1,071

Interesting. I can see bleeding being the problem. I think the application of the floor polish would increase the chance for the paint to bleed. I tried to make a homemade white board to work out physics equations at home. Coating a 4'x3' sheet of styrene with floor polish and instead of a sheet that was difficult to clean when writing on it with dry erase markers ... it made the dry erase markings permanent.

I wasn't expecting that. =x


Anyhow. No matter what you decide to do. I'm assured that it will look amazing. 😊

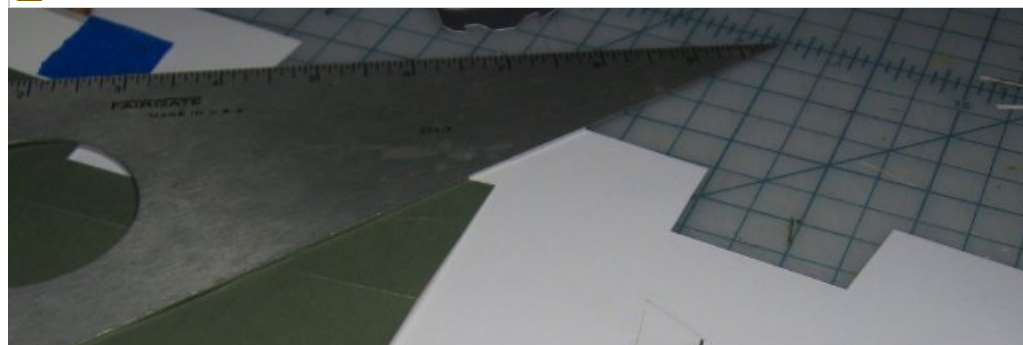


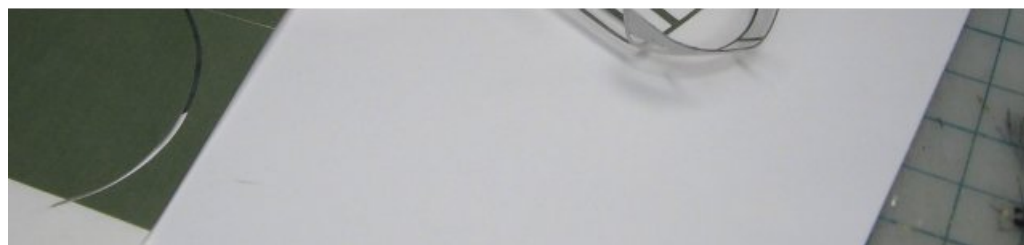
Bomarc 
 Member


Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

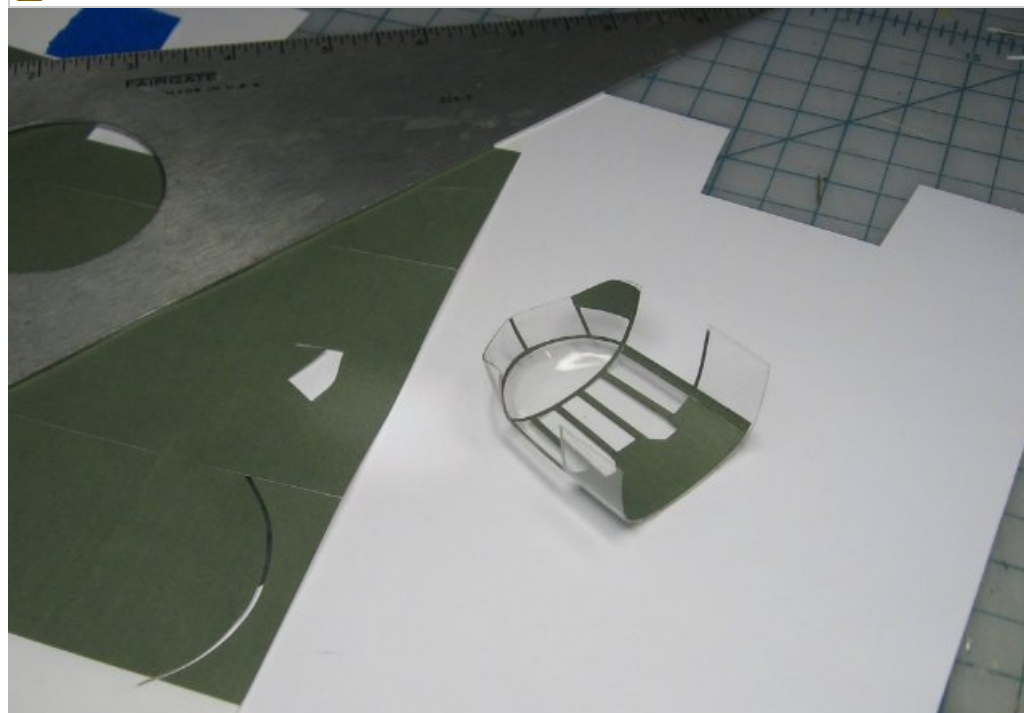
Well, I'm liking a lot the "print and stick" method of canopy framing. Makes for a neat and tidy application:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x731.

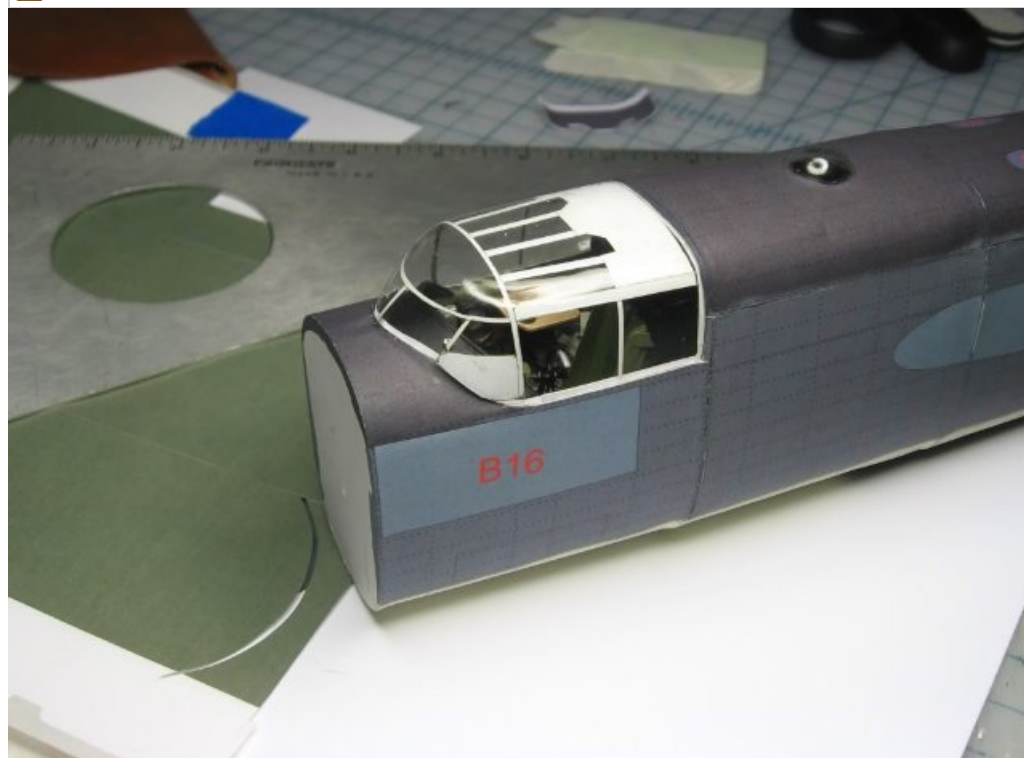





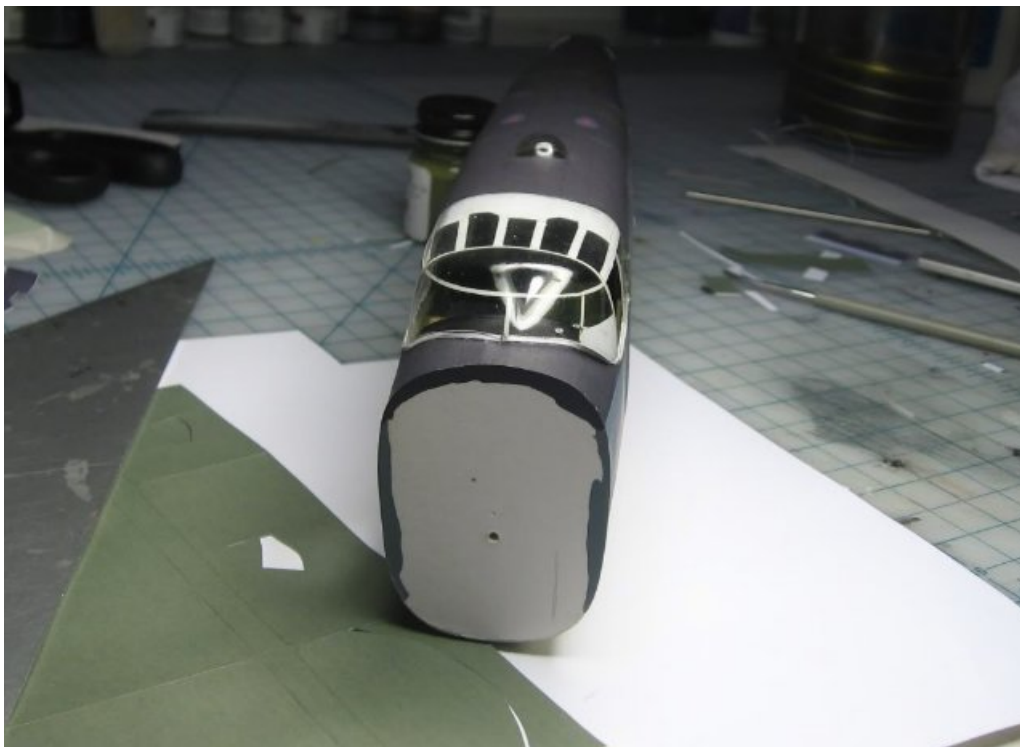
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x710.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x755.



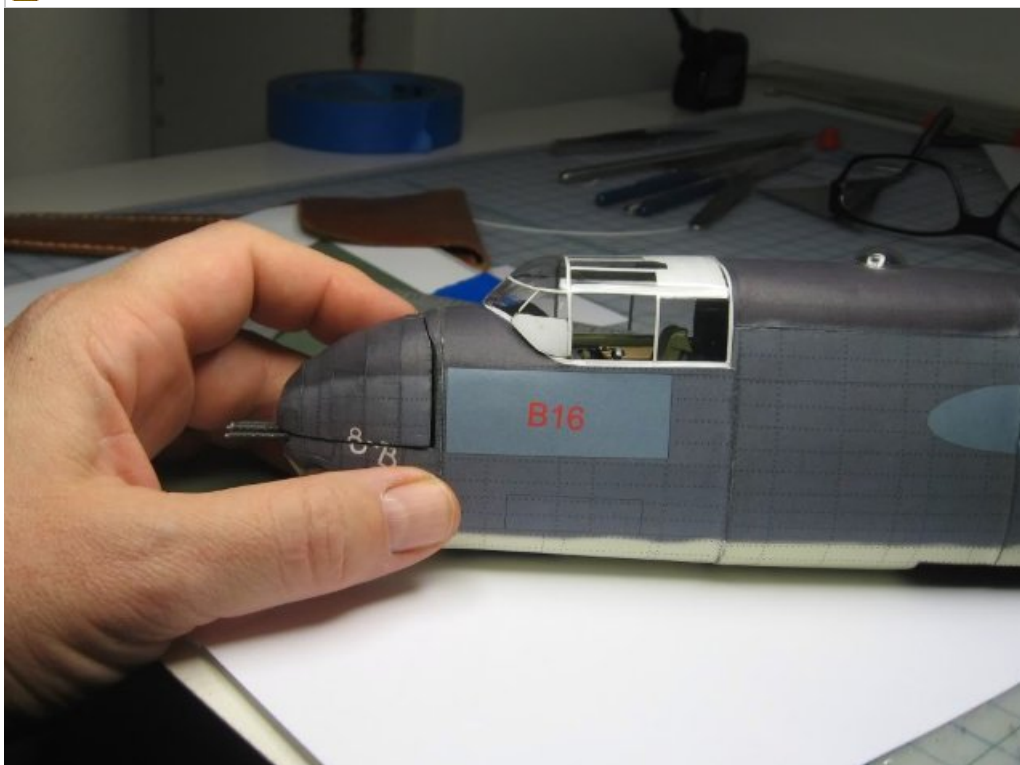
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743.



Next is to add some internal detail. The whole top was an emergency escape hatch, so there's some framing and linkage there, plus the rails the side panels slide on need to go in now (guess I have to make the side panels too).

Is it starting to look like a pug nosed Mitchell yet?

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x760.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



**Willja67**

Member

Join Date: Jul 2007
Posts: 598

Looking really good! What is that solid area in the left quarter panel of the canopy? Armor plating?

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

I think it is armor plate Will, but not sure. I do know that little section made it's first appearance on the earlier "G" model along with the slab armor applied to the cockpit sides, the light blue areas on the model (with **B16** emblazoned on the side).

This was posted on another site I frequent, seems to fit here. For your viewing pleasure:

[YouTube - Grumpy Comes Home](#)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>

**shrike**

Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,261

You're going to hate me for asking this.

Are you going to try the green tinted panels?

I'm not making it up as I go along, I'm establishing precedent



« First < 32 72 80 81 **82** 83 84 > ▾

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:09 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
 Password

[Post Reply](#)

« First < 33 73 81 82 **83** 84 > »



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

Quote:

Originally Posted by [shrike](#)
You're going to hate me for asking this.

Are you going to try the green tinted panels?

LOL. I don't know Mark. I think that's a modern day addition and not found on era B-25's. BUT, if someone can verify that "8-Ball" had it, I'd give it a go. I think maybe some future tinted green with food coloring.....?

The other thing I noticed about that particular part of the canopy is that sometimes it has a frame down the middle, sometimes not. This factory fresh B-25H doesn't have it, nor does it look tinted (but who can know for sure with a B/W photo):

This image has been resized. Click this bar to view the full image. The original image is sized 750x406.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)



cmags
Member

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 401

Mike, I wonder if the left quarter panel is a sunshade for that sight you built and expectedly broke off earlier in your build?

Also, in your earlier link to the Future information included a section for tinted glass and I believe a drop of acrylic paint was

suggested... But I also agree that the factory-fresh Mitchell in your pic doesn't look to have tinted glass.

Oh and almost forgot to mention (after having come to all but expect the incredible craftsmanship level here) but your work is amazing. It has become the thread I point friends to when the hobby comes up in discussion. 🌐

Current build: [Minbari Whitestar \(Babylon 5\)](#)

Previous builds: [cMaqs' Card Model Builds](#)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,261

[Shorpy Pic](#) and more in the same series as well

Looks like you got off easy this time.

A few years back I reworked Fly's UH-1 into my old boss' old gunship. After a fit of experimenting I found that a green highlighter seemed to give a good tint to the upper panels. The trick was to work fast and wet and watch the overlaps.

I'm not making it up as I go along, I'm establishing precedent

Last edited by shrike; 01-06-2010 at 08:51 PM. Reason: Making the links link in a linking type fashion





Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506

Quote:

Originally Posted by [cmags](#)
Mike, I wonder if the left quarter panel is a sunshade for that sight you built and expectedly broke off earlier in your build

I think that's a very real possibility. It is only on the pilot's side after all, and the "G" had full dual controls and a copilot station. Works for me. As I think about it more, the 75mm cannon was on that side in those versions too. Maybe it was a flash shield when the cannon was used at night? I bet that thing made a pretty big fire ball when it went off. Just guessing

Quote:

Originally Posted by [shrike](#)
[Shorpy Pic](#) and more in the same series as well
Looks like you got off easy this time.

And strangely I'm disappointed. I would have liked to try and replicate the tint. Maybe I can pass this model off as a modern day *restoration* of "8-Ball". The proportions of the kit's "stars and bars" would fit that narrative, being more of what you find on some of today's warbirds and not a period airplane (a real pet peeve of mine). But then I would have to spray the whole thing in gloss-cote. Naaaahhh.....

Those pics Alfred Palmer took at NAA's Inglewood plant in 1942 like the one Mark links to above are spectacular. If anybody's interested, the whole series can be seen and high rez copies downloaded at the Library of Congress website, for free no less! Go here:

[Prints and Photographs Online Catalog \(Prints and Photographs Reading Room, Library of Congress\)](#)

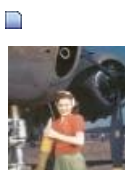
Click the blue "Search the Catalog" button to the right and have fun! Try "P-51", "B-25", "Alfred Palmer" and "North American Aviation".

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Last edited by Bomarc; 01-07-2010 at 07:00 AM. Reason: Stinkin' grammar....what's it to ya? Huh? Huh?



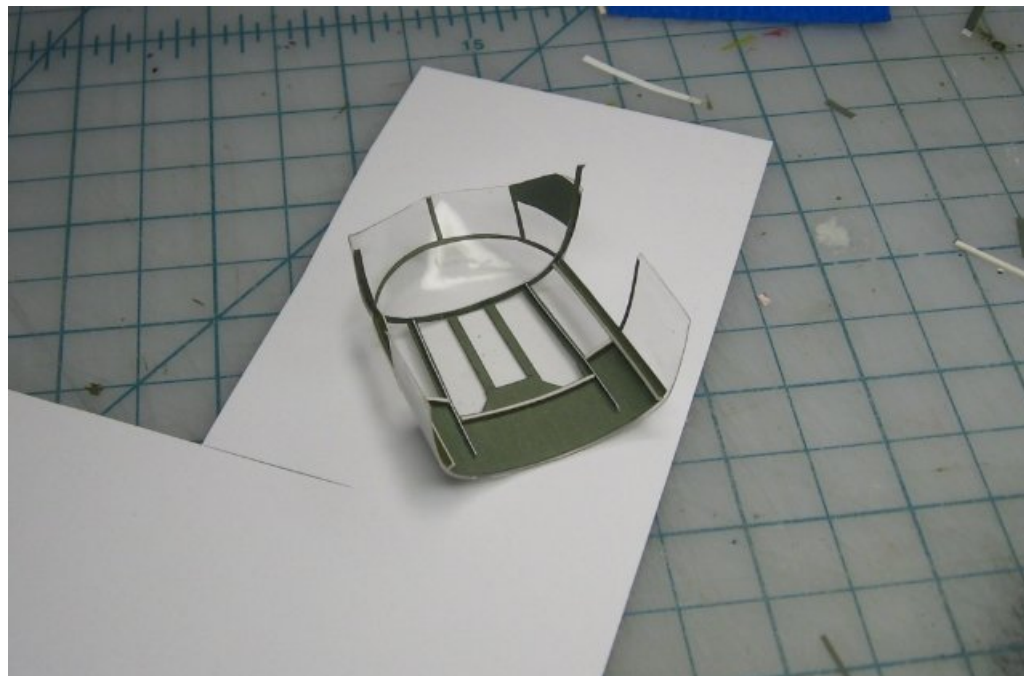
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 506


So, had a few nights on detailing the canopy. Given what I crammed into the cockpit, it really was necessity that some addition work would be needed just to keep things consistent.

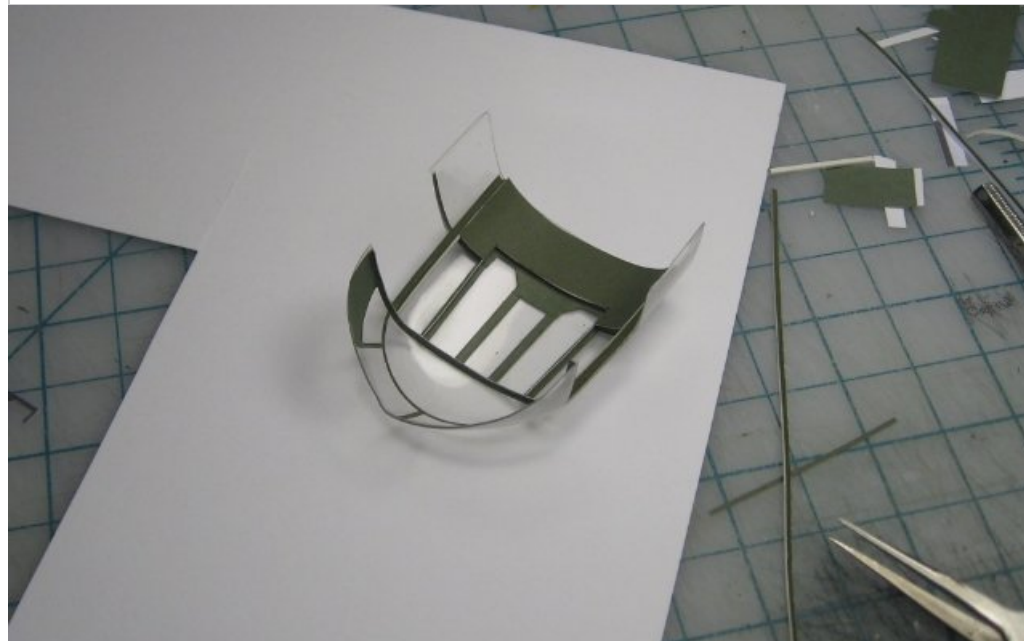
As mentioned before, the center roof of the cockpit was also an escape hatch. Strips were added to delineate the hatch:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x674.

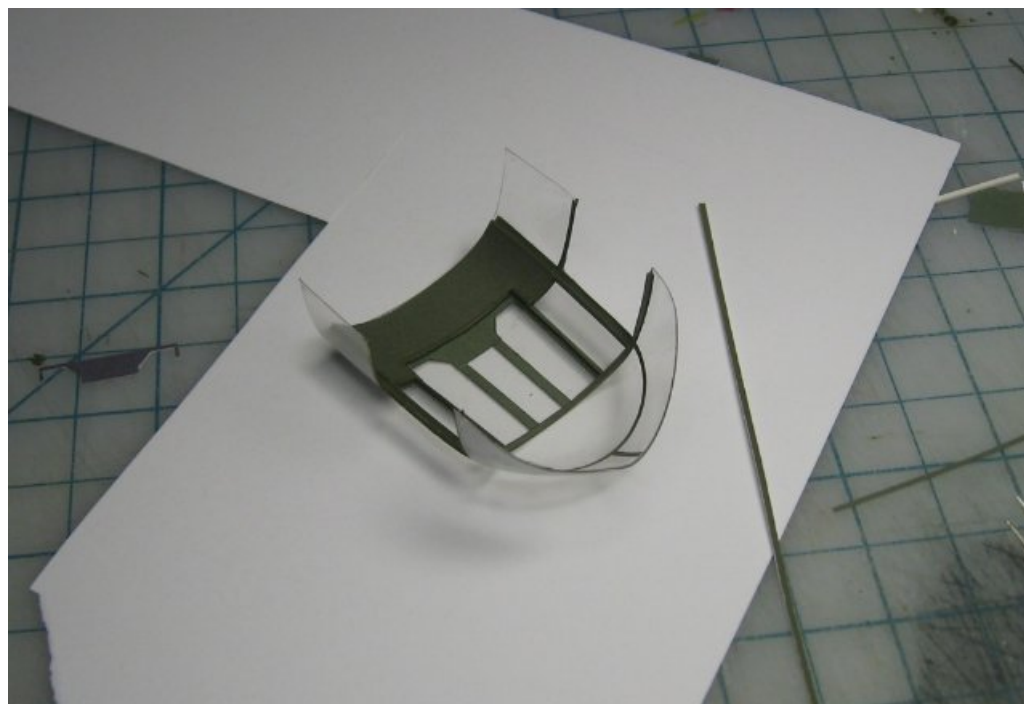


Then a center panel applied, edges touched up:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x639.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.

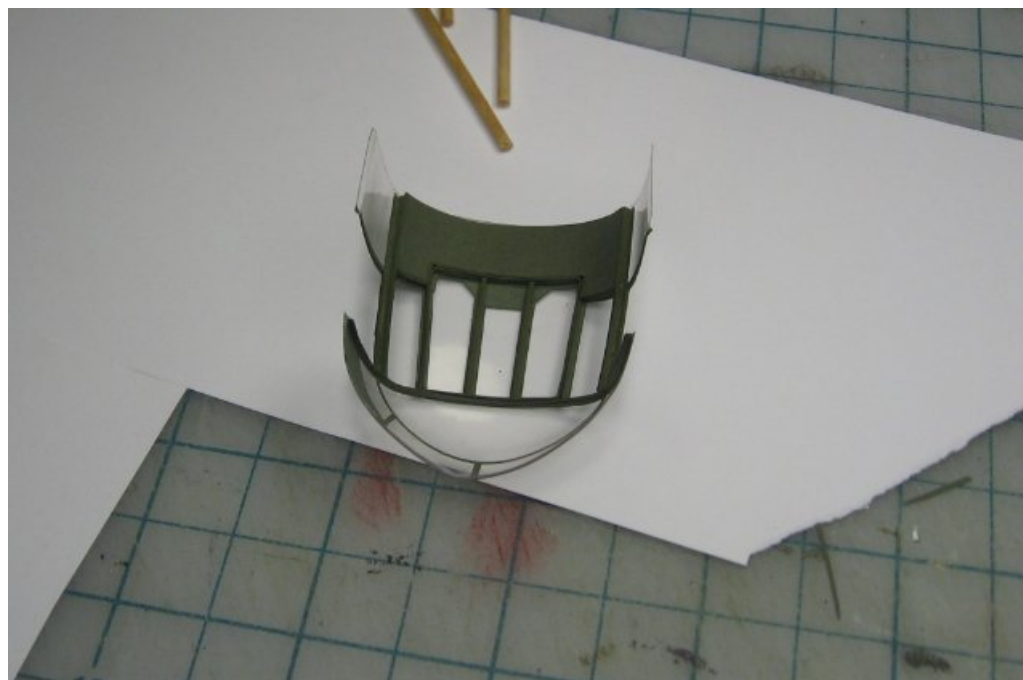



The hatch flange was next and ribbing was next, those edges touch up:

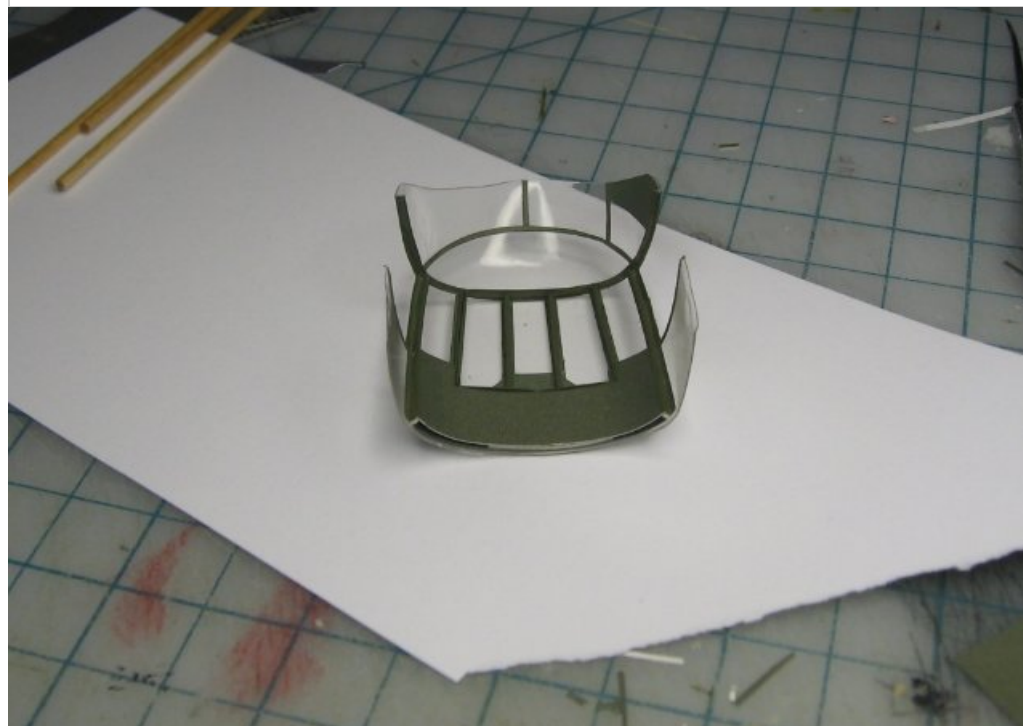
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x665.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x678.

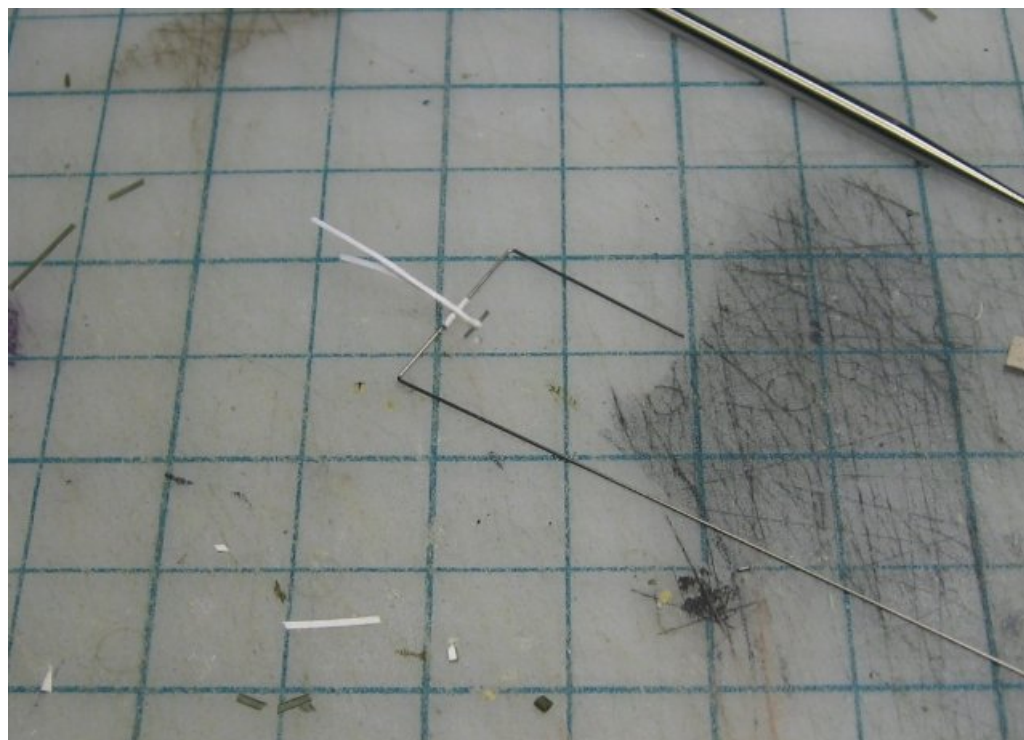


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x724.




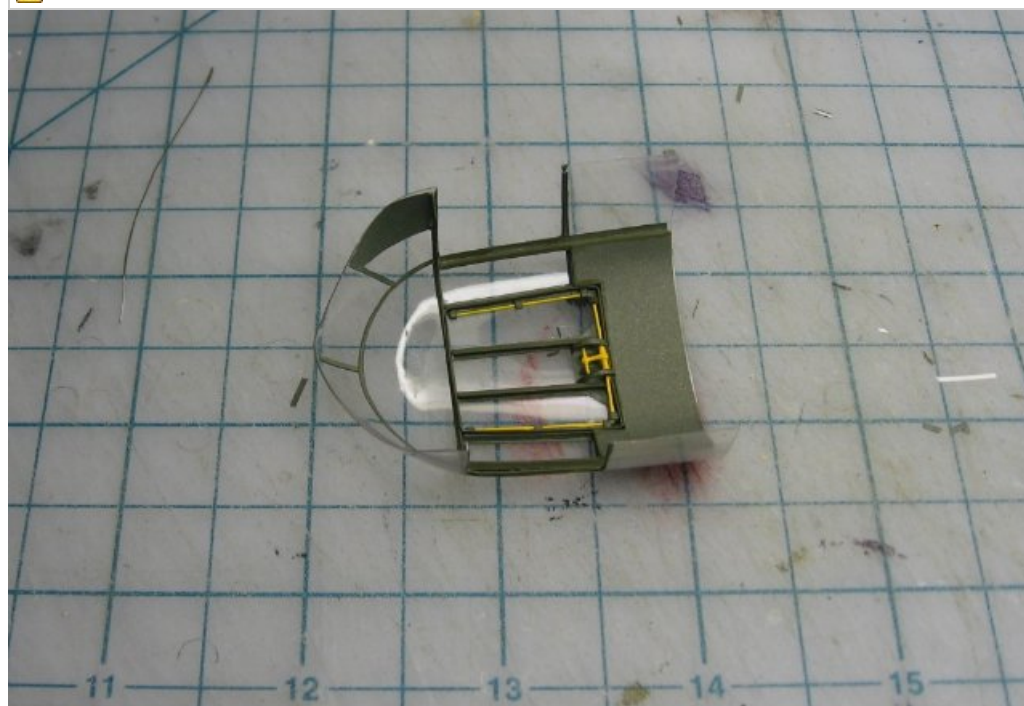
The release mechanism was a series of linkages with a center pull to the rear. Bent music wire and paper tubes simulate this. I left one "tail" long to have something to hold onto to when I painted the whole thing yellow:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x736.

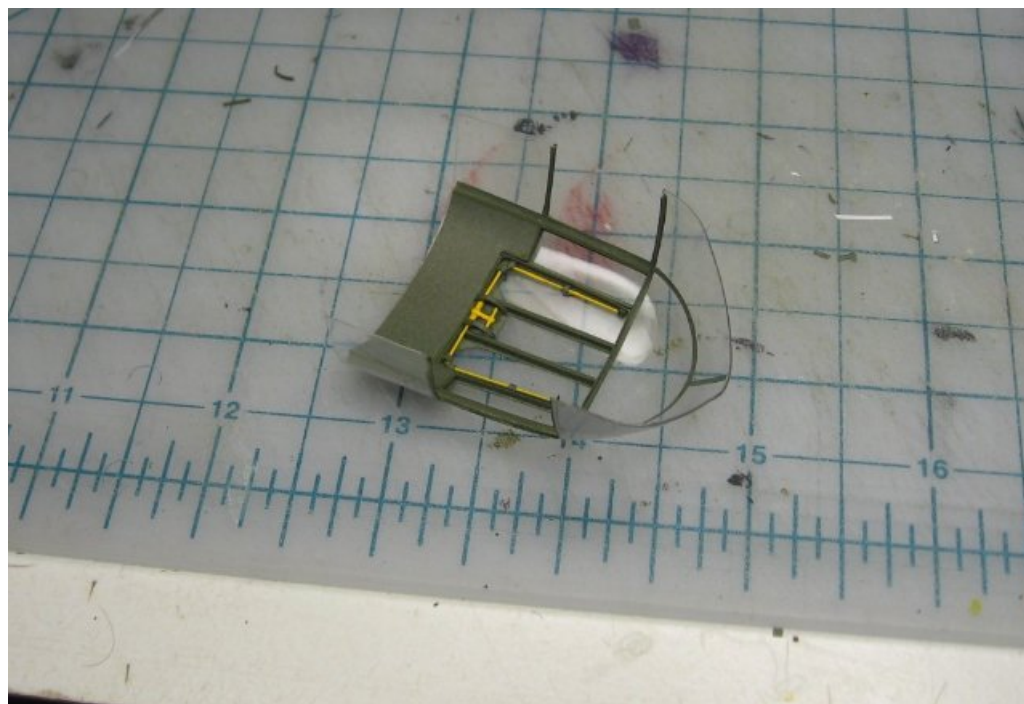


And installed :


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.

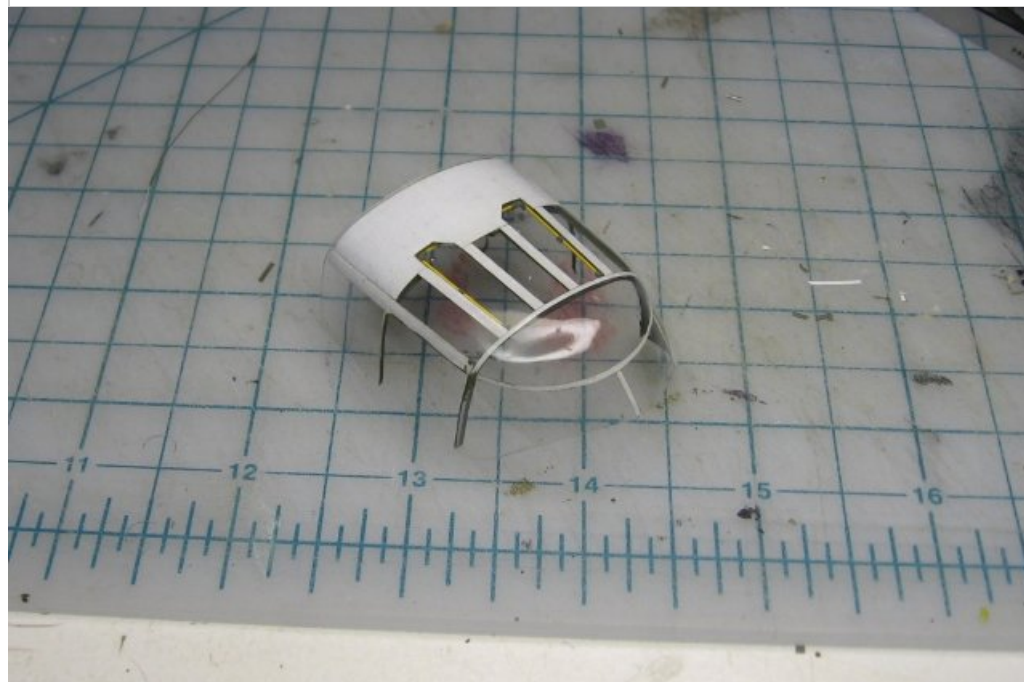


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699.




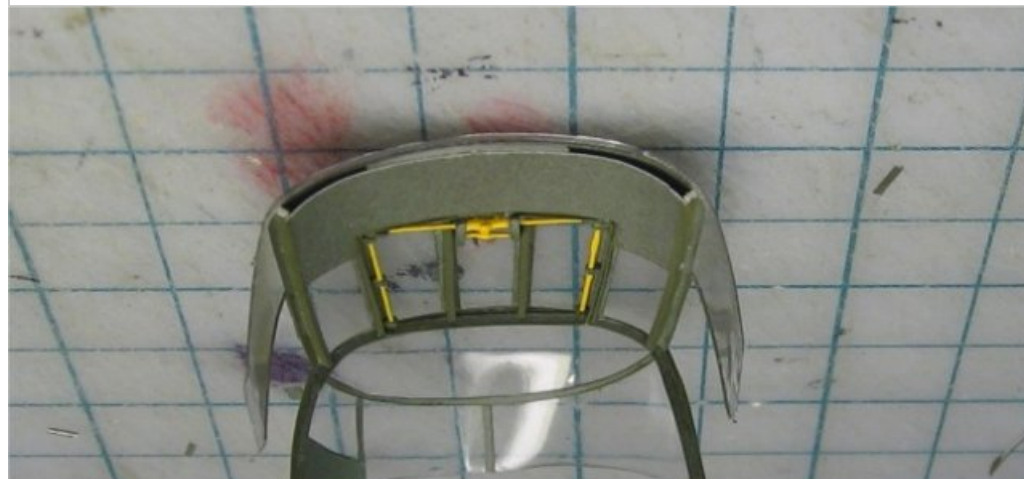
Just enough can be seen from above, the yellow adds some color:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x679.



I did this once, and hesitate to do it again, but here's a comparison with the real thing (from the Wolf book):

 This image has been resized. Click this bar to view the full image. The original image is sized 647x442.





Eh, close enough. If you want to see this mechanism up close and personal, go here:

[The Collings Foundation - B25 Cockpit](#)

Scroll up and around. I get dizzy looking at that page.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



[buffalowings](#) 
Member

Join Date: Jun 2009
Posts: 319

this is to beautiful!!!



[cmdr199212](#) 
Member

Join Date: Jul 2008
Posts: 49

wow, all this work, and you won't even be able to see it all!!! 😞 I love your attention to detail, and I know that its something that I would never be able to accomplish!

Incredible!



[cmags](#) 
Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 401



Close enough? Looks like a damn near perfect replica. 🤖 Excellent work!

Current build: [Minbari Whitestar \(Babylon 5\)](#)
 Previous builds: [cMags' Card Model Builds](#)



willygoat
Member

Join Date: Jul 2007
 Location: Papillion ,Nebraska
 Posts: 1,269

You are an evil genius sir. In fact, you're so evil you're awesome!! 🍷🍷



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 506

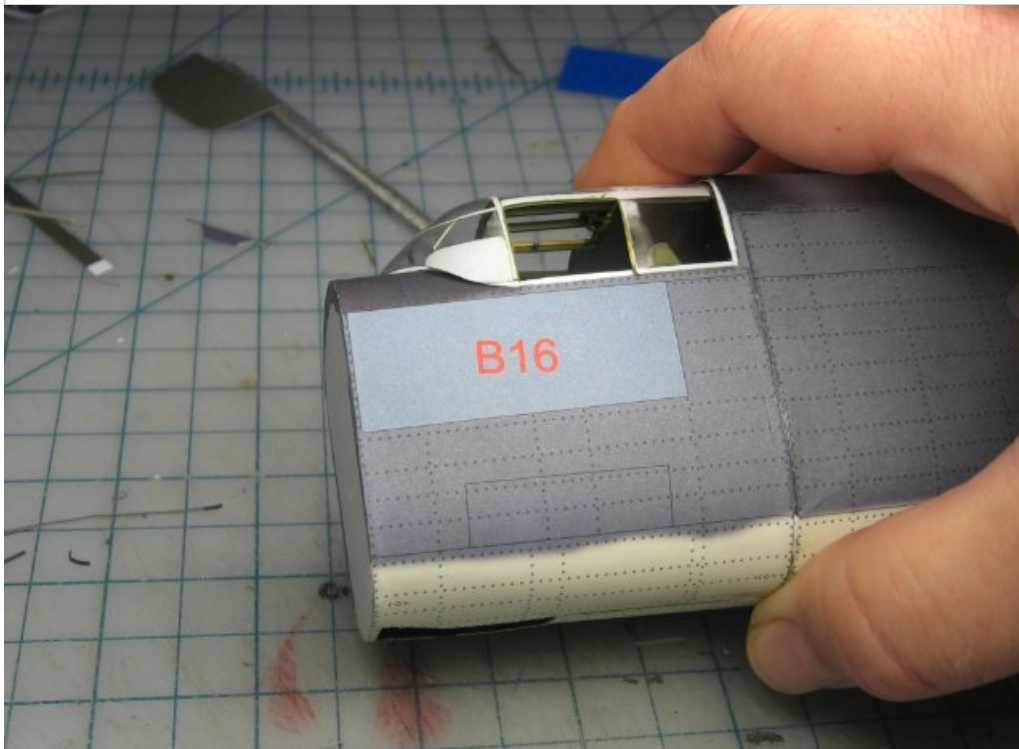
Thank you gentlemen . It's getting almost time to button this cockpit up (thankfully!).

Quote:

Originally Posted by [cmdr199212](#)
wow, all this work, and you won't even be able to see it all!!!

Who says?

This image has been resized. Click this bar to view the full image. The original image is sized 1023x745.



Pretty much everything in the cockpit will be visible. Same with the rear end of the fuselage. You just gotta know where to look.... 😊

Quote:

Originally Posted by [cmdr199212](#)
and I know that its something that I would never be able to accomplish!

Again, who says?

You don't have to feel compelled to make every hydraulic coupling on every model you build. Just keep building, and add something "extra" with each build. Something that extends a little beyond your current skill set. I know you're working on the Modelart F6F, and you bought the Halinski F6F (Hellcat fan are we?). Maybe molding your own Hellcat canopy, what do you think? If you keep building, improving, building, improving, eventually you won't think twice about adding hydraulic couplings

to your model.

Mike
Getting down off the soapbox now....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



« First < 33 73 81 82 **83** 84 > ♥

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 06:10 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 84 of 90 << First < 34 74 82 83 **84** 85 86 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-09-2010, 11:38 AM

#831 ([permalink](#))

cmdr199212 

Member

Join Date: Jul 2008
Posts: 81

LOL, thanks Bomarc. I did end up ordering a couple of hellcat canopies, so we'll see when they get here. They should come today, then I can finish up the fuselage on my F6F-5N. Then for the wings, and I'm almost done!! YAA!!!

Great stuff again!

 [Quote](#)

01-09-2010, 04:00 PM

#832 ([permalink](#))



Gil 
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

Comment

Mike,

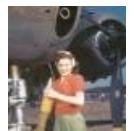
Do you have an airbrush and some green translucent plastic compatible paint?

+Gil

 [Quote](#)

01-09-2010, 04:15 PM


#833 ([permalink](#))



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [Gil](#) 
Do you have an airbrush...

My trusty Paache VL. Had it for years.....

Quote:

Originally Posted by [Gil](#) 
...and some green translucent plastic compatible paint?

No, not even the Tamiya "clear" colors (if that's not the same stuff your thinking of).

I'm guessing combining the two would work to tint the canopy? Well, if I can verify that WWII era Marine PBJ Mitchells had the tint (and why wouldn't they in the blazing sun of the South Pacific?), I'll pick up some translucent green paint at my LHS.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

 [Quote](#)

01-09-2010, 04:15 PM

#833 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [Gil](#)
Do you have an airbrush...

My trusty Paache VL. Had it for years.....

Quote:

Originally Posted by [Gil](#)
...and some green translucent plastic compatible paint?

No, not even the Tamiya "clear" colors (if that's not the same stuff your thinking of).

I'm guessing combining the two would work to tint the canopy? Well, if I can verify that WWII era Marine PBJ Mitchells had the tint (and why wouldn't they in the blazing sun of the South Pacific?), I'll pick up some translucent green paint at my LHS.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



01-09-2010, 04:42 PM

#834 (permalink)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

A Lot of Bull . . . ,

[Photos: North American B-25J Mitchell Aircraft Pictures | Airliners.net](#)



01-09-2010, 07:41 PM

#835 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Canopy as with the rest of this Mike is Excellent - Love the extra detail mate 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



01-09-2010, 08:32 PM

#836 (permalink)



Papercut
Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

I am very impressed by the work done to the canopy. Your attention to detail is phenomenal as you have demonstrated throughout this build. You my friend have set the bar very high! But hey that's what this hobby is about, how real can you make it, and you have done just that. I will be sad to see this thread end. 🌍Rick



01-10-2010, 03:56 AM

#837 (permalink)



the hermit
Member

Join Date: Oct 2008
Posts: 161

i had a feeling you were going to make a beautiful canopy .

very well done!

i think you deserve the golden canopy award for 2010

again very well done!!!

jealous regards, heh 🌍

hermit



01-10-2010, 06:51 AM

#838 (permalink)



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 137

Here is the next installment of the ongoing raw thread capture.

[Pages 41-83](#)

For the older sections they're here :-

pages -

[1-10](#)

[11-40](#)

PDFs are unlocked & editable.

In search of suitable superlatives? - the word **Wow** has appeared a modest 32 times so far in this thread.

Happy New Year.

<http://www.histwar.com/>



01-10-2010, 08:37 AM

#839 (permalink)



Quote:

Originally Posted by **Gil**
[Photos: North American B-25J Mitchell Aircraft Pictures | Airliners.net](#)


Shiny! Well that's definitely a green tint on there. Being a modern day restoration (just how many planes does Red Bull sponsor/own/fly?) I'm still a bit hesitant. No rush. If I do have to add the tint, it will be on the external surface of the canopy, so I can do it anytime, even well after the model's done.

Just little bit of progress. The Collings Foundation B-25 link I posted above (the dizzy one) shows an interior ceiling light. I suspect that's not original, but thought it fun to make anyway. Here's a quick and dirty Tute' (as in "the more you eat, the more you toot"?):

This is a variation on the landing lights I did. Take some kitchen foil and using a suitable "punch and die" (I'm using a hole punch set with the mini "Rolystyk") make a concave shape in the foil and cut that out:

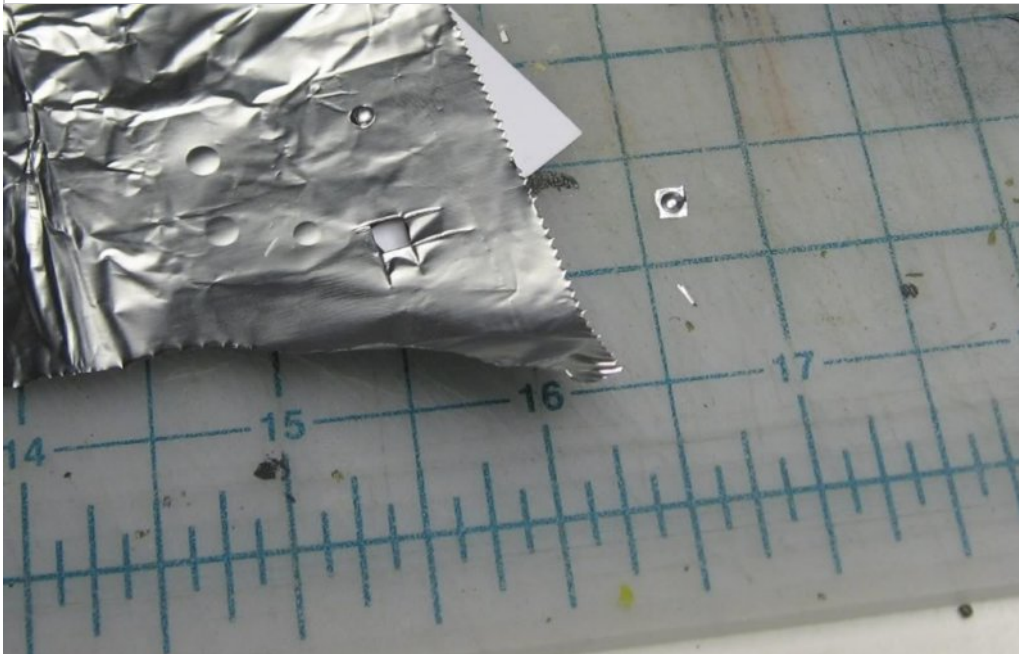
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x764.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x681.

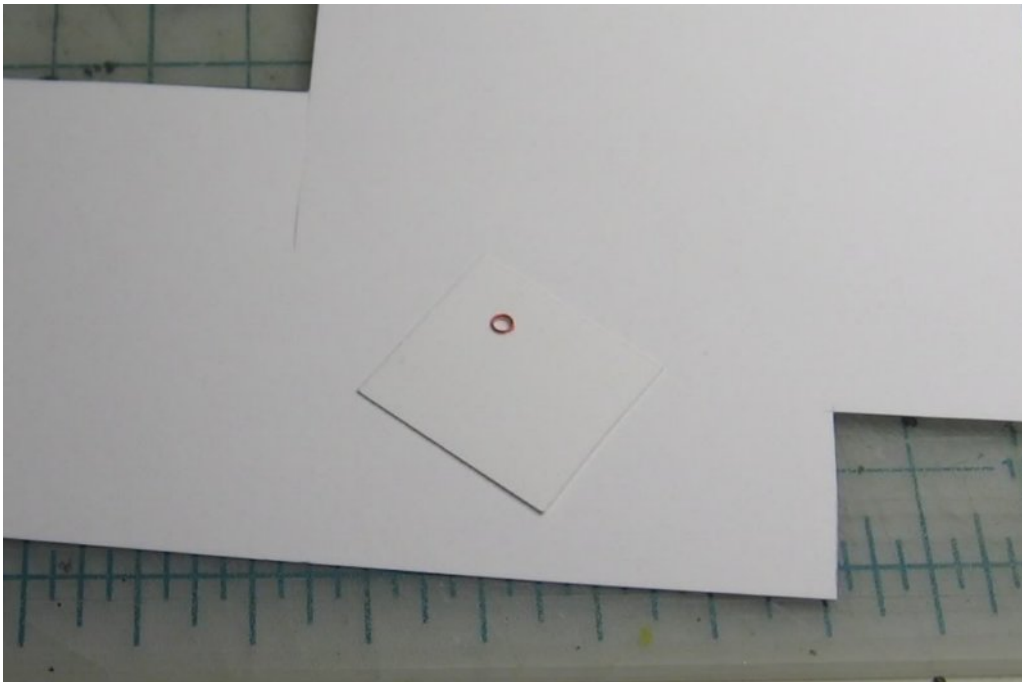


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x654.



I already notched the inside of the canopy where this is going. Make a bezel. Same drill as when making the instrument panel (punch a hole, add copper wire, paint black):


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x679.

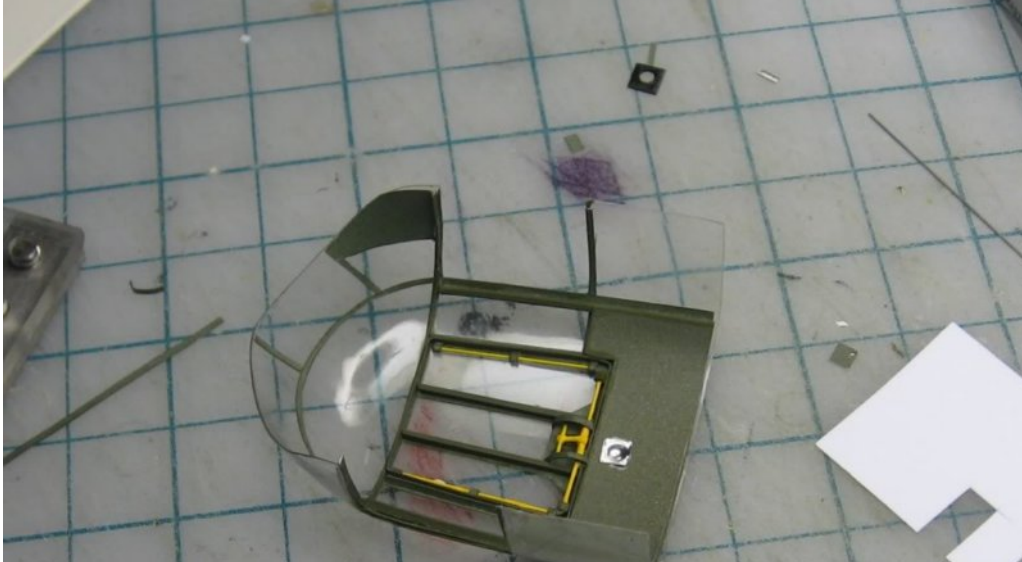


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x690.

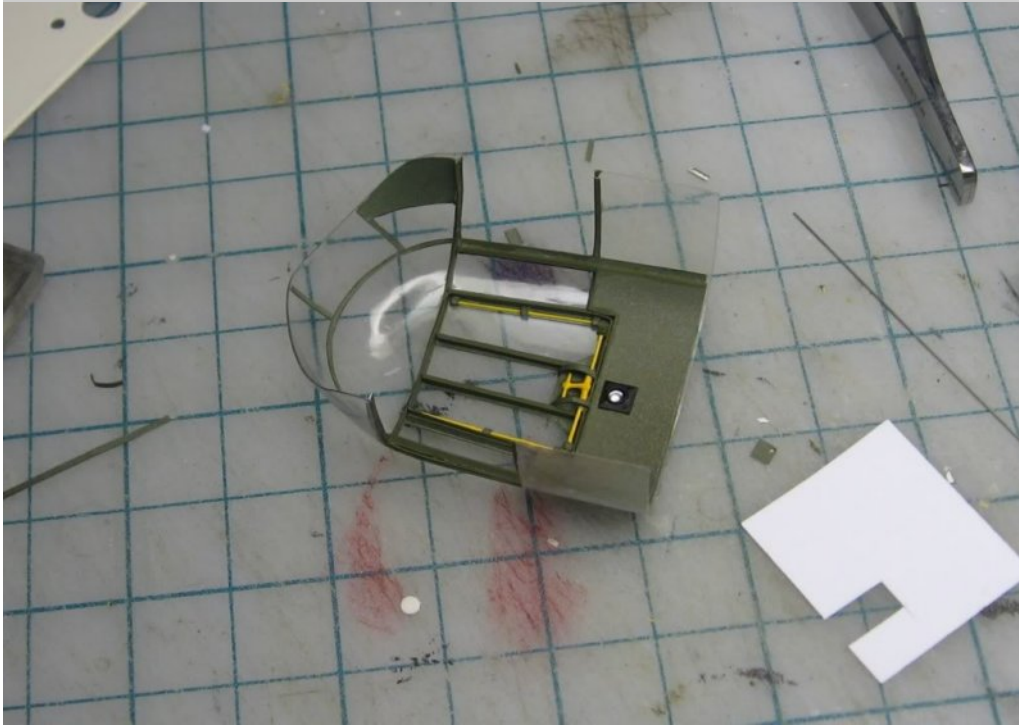


Place the foil on first, then top it with the bezel. Viola!

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x719.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.



No need to add "glass" (clear plastic) as the concave aluminum gives the illusion that it's already there.

Done

Mike

Who manage to refrain from writing "wow".....oh rats, I just did.....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-10-2010, 09:54 AM

#840 (permalink)




dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 98

I remember years ago, when I was a "styrene-head" instead of a "card-head," I bought Shep Paine's book, "How to Build Dioramas" and was astounded because I literally learned something new on every page. This build has been like that. Thank you.



Page 84 of 90 << First < 34 74 82 83 **84** 85 86 > Last >> 

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 85 of 90 « First < 35 75 83 84 **85** 86 87 > Last » ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-10-2010, 03:33 PM

[#841 \(permalink\)](#)



Retired for now ◉

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,110

Mirrors, lots of mirrors for the display base (and maybe a few fiber-optic video probes peeking in). It's either that, or you need to mount this on one 'o them three axis swivels or you risk getting sued for pains, strains, and contortions by anyone viewing the detail you've put in (so far...?).

Yogi

[Quote](#)

01-10-2010, 07:51 PM

[#842 \(permalink\)](#)



Don Boose ◉

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Just when I think you've pushed the envelope as far as it will go . . .

[Quote](#)

01-10-2010, 09:39 PM

[#843 \(permalink\)](#)



shrike ◉

Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

I'm waiting for the wheelie-hold-hold-the-airplane-up thingies.

I'm not making it up as I go along, I'm establishing precedent

[Quote](#)

01-11-2010, 06:54 AM

[#844 \(permalink\)](#)



Bomarc ◉

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [shrike](#) ◉
I'm waiting for the wheelie-hold-hold-the-airplane-up thingies.

All in good time Mark. I've worked up replacement parts for the rims and tires. Once I successfully build a set of wheels using them, I'll post the parts for downloading for any one interested.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)

01-11-2010, 08:42 AM

#845 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **Retired_for_now**
Mirrors, lots of mirrors for the display base (and maybe a few fiber-optic video probes peeking in). It's either that, or you need to mount this on one 'o them three axis swivels or you risk getting sued for pains, strains, and contortions by anyone viewing the detail you've put in (so far...?).

Yogi

Oh very definitely second all of that - could try some micro camera's too whilst Mikes at it, all connected up to a large LED monitor far all to see inside 🤖

Quote:

Originally Posted by **Don Boose**
Just when I think you've pushed the envelope as far as it will go . . .

Mike's got the gift of making us all sit back in amazement.. 🤖 always giving us much more than we think is possible 🍷 one coooool dude 🤖

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-11-2010, 04:38 PM

#846 (permalink)



milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 763

Has anyone in any other paper forum went this far on a model?

Astonishing... I'm learning also a lot.

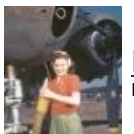
Thank you, Mike!

- Gerardo
Paper Modeling in Mexico
Visit my [Blog](#) and my [Web Site](#) on Paper Modeling



01-11-2010, 04:56 PM

#847 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by **milenio3**
... I'm learning also a lot.

I'm glad Gerardo. Still some more to go, but I think we're starting to see the light at the end of the tunnel.

Hang on!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



01-11-2010, 09:16 PM

#848 (permalink)



flying_rasta
Member

Join Date: Aug 2009
Posts: 121

Hanging on too...**grinning**..geez..its the last thing I do before bed (ummm..one of the last things)..check this thread..very inspiring..and the people here make it all the more worthwhile...keep on rockin mike..

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



01-11-2010, 10:21 PM

#849 ([permalink](#))

Wily
Member

Join Date: May 2009
Posts: 168

bomarc...so...are you...human?

Just asking.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



01-11-2010, 10:43 PM

#850 ([permalink](#))



willygoat
Member

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,297

I wondered the same thing right around the time he manufactured that amazing cockpit. I'm pretty sure he's at least 30% cyborg



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:25 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 86 of 90 << First < 36 76 84 85 **86** 87 88 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-12-2010, 06:09 AM

[#851 \(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [willygoat](#)
I'm pretty sure he's at least 30% cyborg

Actually I'm "Dyslexic of Borg": "*Prepare to have your ass laminated*"

Sorry, silly Trek NG joke.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Quote

01-12-2010, 07:09 AM

[#852 \(permalink\)](#)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

Quote:

Originally Posted by [Bomarc](#)
Actually I'm "Dyslexic of Borg": "Prepare to have your ass laminated"

Mike

Better than Popeye of Borg : "Prepare to be a Askrimiligated "

While fitting for a navy aircraft, I know I already regret that anything that could lead to a list of jokes like that, so pray ignore it, or at least put any more in a new thread in the Lounge

I'm not making it up as I go along, I'm establishing precedent

Quote

01-14-2010, 12:41 PM

[#853 \(permalink\)](#)



flying rasta
Member

Join Date: Aug 2009
Posts: 121

come on mike...going through withdrawals...more please?...*"MORE"*...starting to think there is trouble with my connection to buy...or not to buy...damn you MAREK....damn you!!...ummm...can you make one more 1:50??


Quote

01-14-2010, 07:23 PM

[#854 \(permalink\)](#)




Sorry Rasta-man, but work on the model had to take a back seat to family stuff, and this had been a chock-er-block full one for that kind of thing. I'm travelling to my dad's for the long weekend, and I'm going to try to get something done up there. Went to Wal-Mart and picked up this tackle box and packed it up. No doubt I've got things in there I won't touch all weekend, and there will be other things I wish I had put in there:

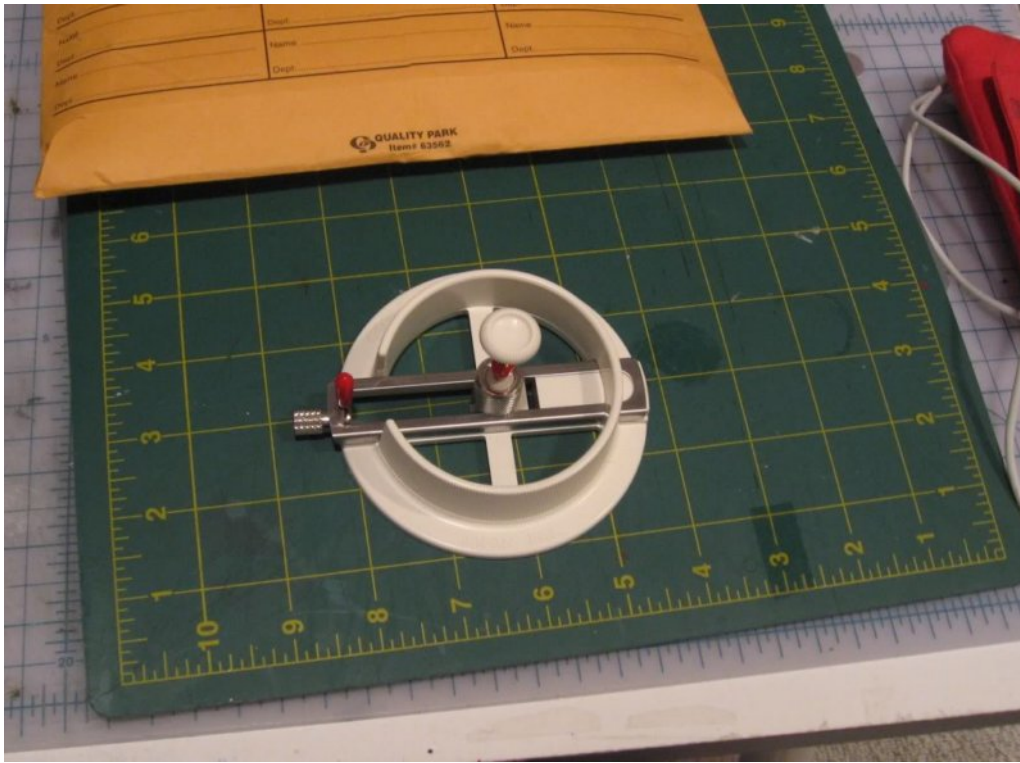
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769.



All the kit parts that are left, some extra mat board, card, etc is in the inter-office folder you see there along with a "travel size" cutting mat. There's lots of little things left in this kit to do: Rudders, flaps, etc. etc. mindless "grunt work" that I think I can do "on the road". We'll see.

One new thing I've added to the tool list and am taking with me is this circle cutter thing:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x757.



I was intrigued by it when I saw Billy get one in the Hustler thread a few weeks back. Not quite sure how to use it yet, but I thought I might try making the bulk disc for the wheels this weekend with it.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-14-2010, 07:41 PM



peter taft
Member

#855 (permalink)

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

flying rasta

come on mike...going through withdrawals...more please?...."MORE"...starting to think there is trouble with my connection

You see what you went and did with this mind numbingly brilliant - fantastic - marvellous thread... we goes MAD without an up date 🤔

Bomarc

I was intrigued by it when I saw Billy get one in the Hustler thread a few weeks back.

Me too, i like the look of this tool, the one i use is the usual **COMPASS CUTTER** - it came into it's own when i was cutting all the rings for the Saturn V and other Rocket projects. **I must say, so long as i didn't put too much pressure on and made several sweeping passes on the cardstock it was fairly accurate** - but we know that **fairly accurate doesn't quite cut the mustard with what we do..** the new tool you have there seems to **SHOUT out ACCURACY**, please let me know how you get along with it Mike - Seems ok over on the Hustler thread with Billy - so a second opinion of its use will be a good selling point. **Have fun friend.** 😊 You will 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



01-14-2010, 08:07 PM



Gil
Member

#856 (permalink)

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

Like in -

Mike,

"Like how much did it cost?" Shouted the rude man . . . ,

+Gil



01-14-2010, 09:12 PM

#857 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Gil,

Bought on eBay:

[NT C-1500P Circle Cutter for Scrapbooking - eBay \(item 220528742837 end time Jan-17-10 07:42:17 PST\)](#)

Worked out to around \$35 with the shipping. A little apprehensive ordering from Hong Kong, but this was the only one I could find, and the seller shipped it fast registered mail. I received it 10 ten days after hitting "buy-it-now", brand new in the original bubble packaging.

Looking at Billy latest posts on the Hustler thread, seems to work pretty well.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-15-2010, 04:03 AM

#858 (permalink)



billy.liveld
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 992

He Mike,

It works fine, it takes a bit of tweaking;

The flat "center"peace can be unscrewed, revealing the sharp point, by turning the white knob and holding the copper tube..

The flat one tends to slide too easy on smooth coated paper

Always line up the cutting point of the knife with the center-point (it comes out of the box like that)

Keep it firmly in place with your left hand and rotate with your right hand, take it easy on the first cut and do not use too much pressure, just keep going round till it's all the way through

It can make circles from 18 mm and up (just what I needed for the B58 wheels)

Adept the blade to the thickness of the stuff you want to cut, to deep will make it 'slip' easy.

It is a bit hard to find the center of the circle again after you removed the thing, so just keep going till you're shure you're all the way

It makes a nice clean laser-like cut 😊

Attached Images

[DSC09983.JPG](#) (119.2 KB, 46 views)

[DSC09984.JPG](#) (116.3 KB, 43 views)

[DSC09985.JPG](#) (107.1 KB, 45 views)

[DSC09986.JPG](#) (131.9 KB, 46 views)

[DSC09987.JPG](#) (131.2 KB, 43 views)

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



01-15-2010, 06:01 AM

#859 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,440

That is a very fine traveling paper model workshop, Mike.

Thanks to you and to Billy for the info on the circle cutter. I picked up a smaller version intended for children's crafts a couple of years ago and forgot about it. Seeing yours and reading Billy's tutorial causes me to want to dig it out and give it a go.

Don



01-15-2010, 06:11 AM

#860 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 538

Many thanks for the mini toot Billy, very helpful. Didn't even know you can remove the center piece to reveal a point!

Well, I'll going to give it a "spin" this weekend (HA!!!*). I'll report back with my findings....

Mike

*See, it's funny 'cause you have to "spin" the gadget around to cut circles, and I made it sound like a "spin" around the block, you know, when somebody's says "Lets let's take it for a spin", which usually relates to a car, so I made it sound like I was taking the circle cutter around the block for a "spin", which I can't actually do because it isn't a car, well, I guess I could try to spin the cutter around the block, but it probably wouldn't hold up very well, then I couldn't cut circles with it, so in that sense it wouldn't be practical, but that's what makes it kinda funny.....you know.....spin.....not a car.....hello?....I'll stop writing now.....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



Page 86 of 90 << First < 36 76 84 85 **86** 87 88 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:27 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 87 of 90 « First < 37 77 85 86 **87** 88 89 > Last » ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-15-2010, 10:12 AM

[#861 \(permalink\)](#)



[billy.ieliveld](#)
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 992

I think you need a spin-doctor

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>

[Quote](#)

01-15-2010, 10:24 AM

[#862 \(permalink\)](#)



[Don Boose](#)
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Especially when you have to explain your jokes . . .

[Quote](#)

01-15-2010, 02:57 PM

[#863 \(permalink\)](#)



[Texman](#)
Lilliput Transportation

Join Date: Jul 2007
Posts: 716

I think Mike hit the throwback Mt Dew a little hard today...

Ray

Don't squat with yer spurs on.....It's gonna hurt

[Quote](#)

01-17-2010, 08:07 PM

[#864 \(permalink\)](#)



[Bomarc](#)
Member

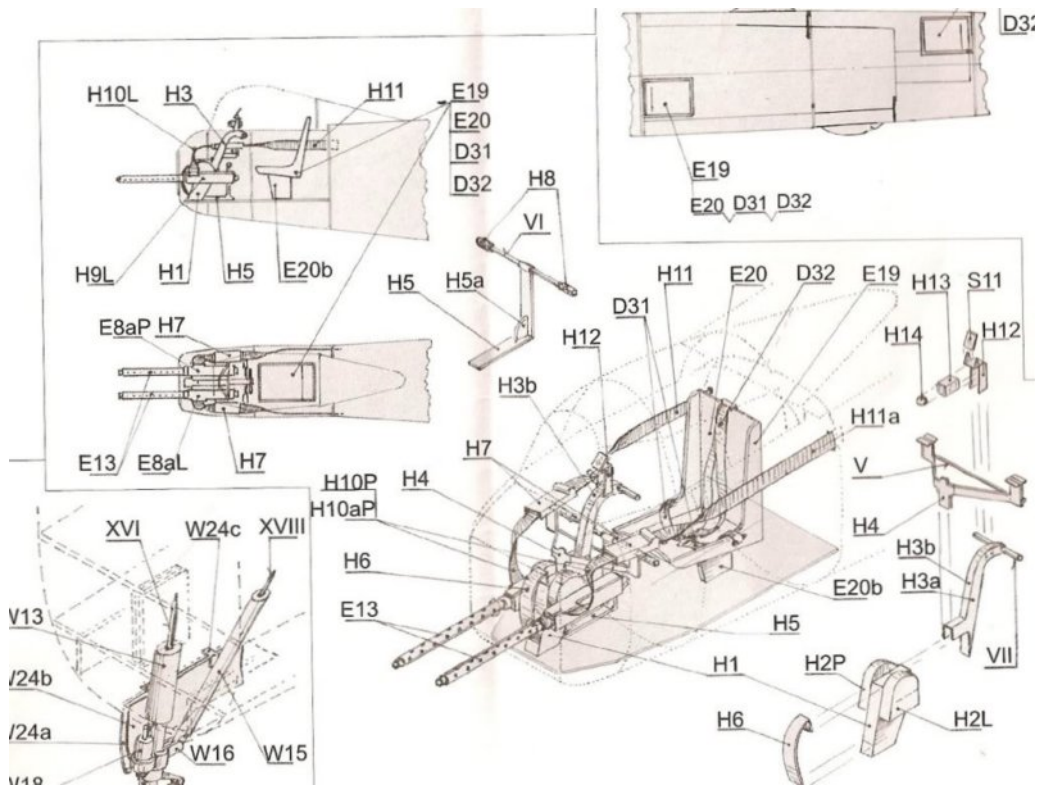
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Thanks for nothing Orlik.....

....no really, I'm mean *nothing*.

Was able to get some stuff done over the weekend (I'll post my progress when I get home tomorrow), but I couldn't do one thing I thought I could do "on the road". That's the tail gunners station:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



The reason I couldn't make those components? Orlik failed to include nearly ALL the parts! At first I thought I just didn't bring them with me, so I looked over all my original parts scans. Turns out all I get is the seat, the guns, and the long ammo belts (H-11, 11A). I can deal with mis-labeled parts all day long, but NO parts?!!

I guess I could scratch those peices, but given the tiny canopy they'd be under, I think the kit parts would suffice (assuming I had them). So, a plea to anyone out there who might have the Orlik B-25J, sister kit to this PBJ, a scan of all the "H" parts you see in the pic above would be much appreciated, thanks!!!

Heavy sigh....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-17-2010, 08:33 PM

#865 (permalink)



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,978

This should help...

<http://www.orlik-models.pl/download/pbj.pdf>

I guess they realized their mistake.

Ron S.



01-17-2010, 09:21 PM

#866 (permalink)



SJPONeill
Member

Join Date: Nov 2008
Location: Near the Spiral, NZ.
Posts: 417

It's great to see a company that, having made an error, takes the time and trouble to remedy it...on ya, Orlik!!

[The World According to Me](#)



01-17-2010, 10:13 PM

#867 ([permalink](#))



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

While you're at your super-detailing best, put a scuffed spot dead center where the stabilizer spar passes through the crawlway to the tailgun position. That's where the gunner hits his head on the way back. I, on the other hand, wasn't wearing a helmet, so I got the scuffed spot on my forehead instead. Left a neat horizontal scar too.

I'm not making it up as I go along, I'm establishing precedent



01-18-2010, 08:05 AM

#868 ([permalink](#))




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Good on ya' Orlik indeed

Quote:

Originally Posted by **OldTroll** 
This should help...

<http://www.orlik-models.pl/download/pbj.pdf>

Excellent! Thanks Ron, and thank you Orlik!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-18-2010, 08:15 PM

#869 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Well I suppose an update is in order. After all, I was able to complete some stuff this weekend (the travelling kit worked well). Started with all the control surfaces. Pretty robust design, solid core with ribs and things:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x612.




This was before I sanded each down to final airfoil shape (ah-choo! Very dusty work), using their skins as a guide to know when I sanded enough. Here they done ready to wrap:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x624.




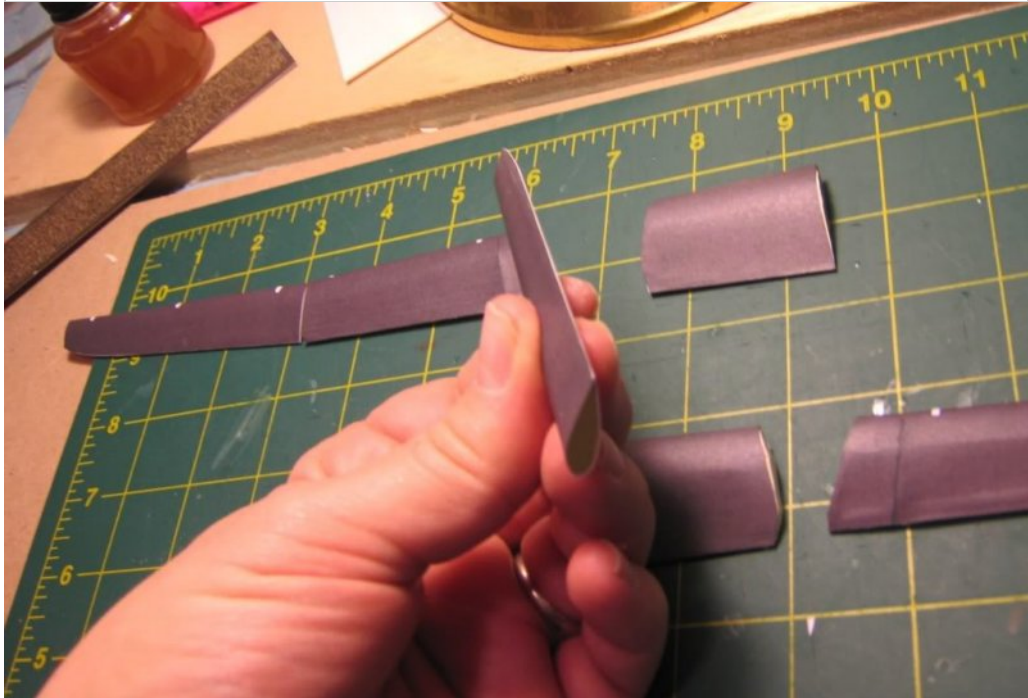
And wrapped up:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x598.




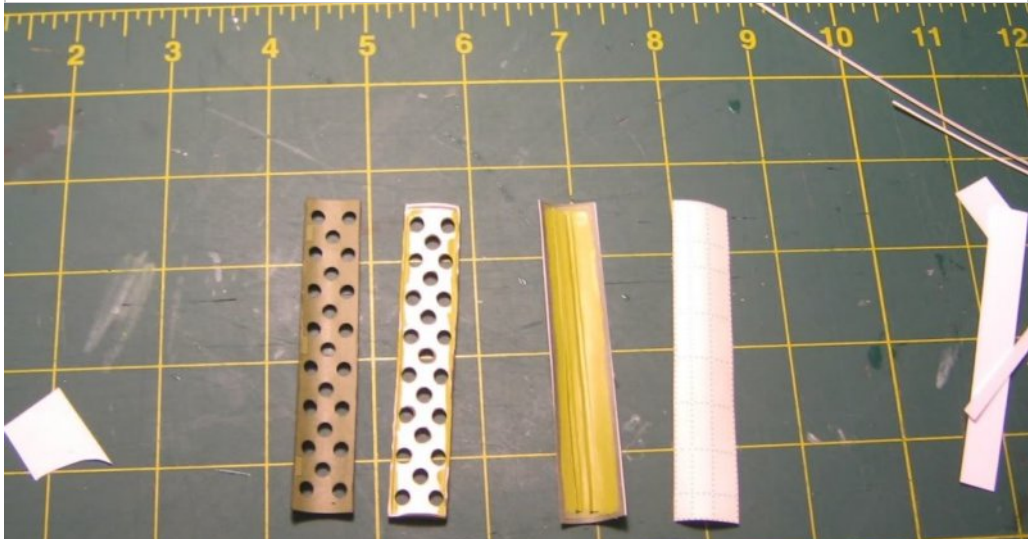
Haven't worked the rudder ends yet, but the solid core does make for a straight trailing edge:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696.

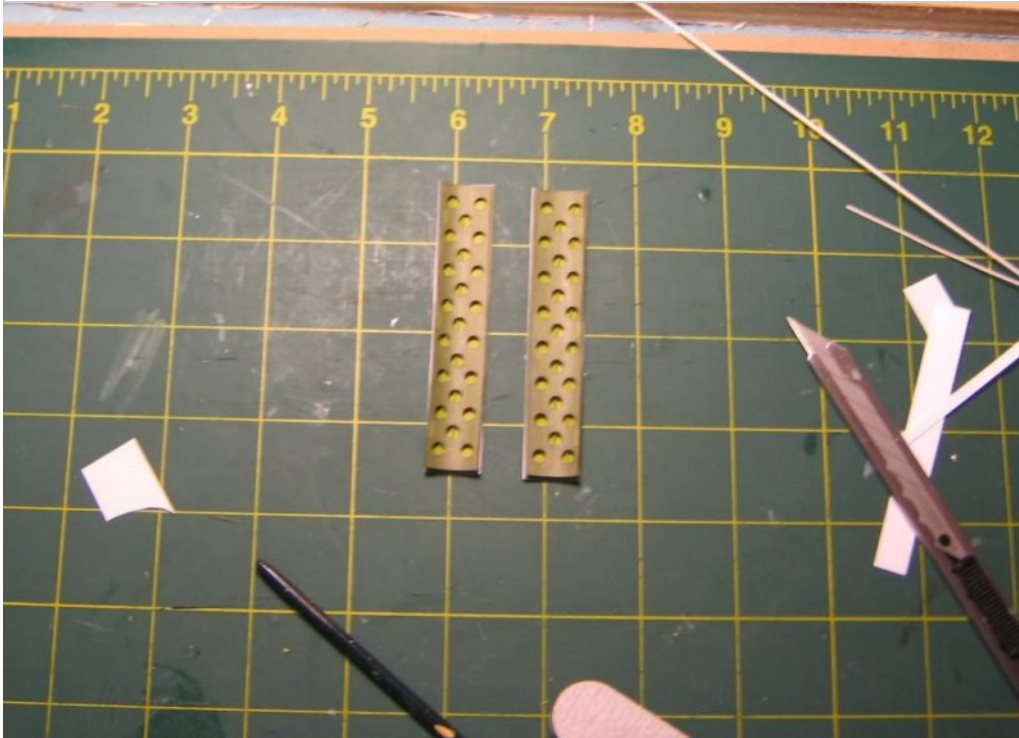


Since I couldn't make the tail gunner station, I punched and assembled the bomb bay doors instead. Added a few "embellishments":


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x756.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x735.




Back at home base, I could finally see if anything I made fits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713.




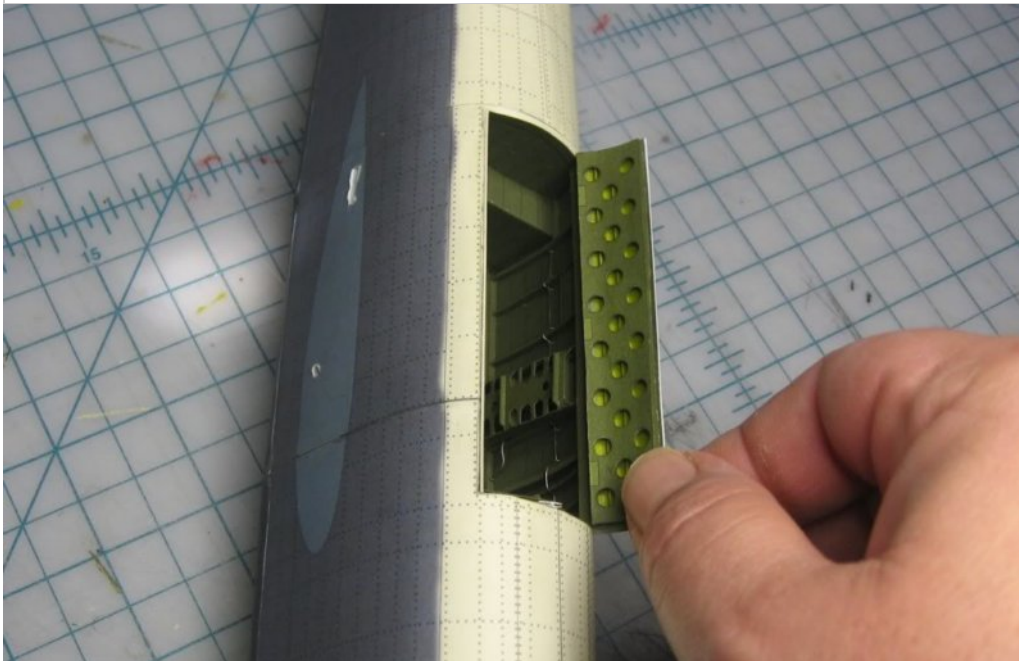
Not bad. Some touch up here and there, good to go. Love to see razor sharp trailing edges :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.



How the bomb bay doors will look in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x659.



Wasn't able to test drive the new circle cutter over the weekend. Maybe this week, but lots of family duties heading my way with a short work week thrown in, so savor this update, don't know when the next installment will be.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-19-2010, 08:44 AM



flying rasta
Member

#870 ([permalink](#))

Join Date: Aug 2009
Posts: 121

ahhhhhh.....piiiics....lovely mike..simply lovely..now i can start my day!

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 88 of 90 << First < 38 78 86 87 **88** 89 90 > ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-19-2010, 10:15 AM

#871 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by [flying rasta](#)
ahhhhhh.....piiiics....lovely mike..simply lovely..now i can start my day!

I second that my man

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>

Quote

01-19-2010, 02:12 PM

#872 ([permalink](#))



milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 763

Very very fine control surfaces. They look clean.

- Gerardo

Paper Modeling in Mexico
Visit my [Blog](#) and my [Web Site](#) on Paper Modeling

Quote

01-23-2010, 08:16 PM

#873 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Well, I guess it's time for a progress report, what little progress there is.

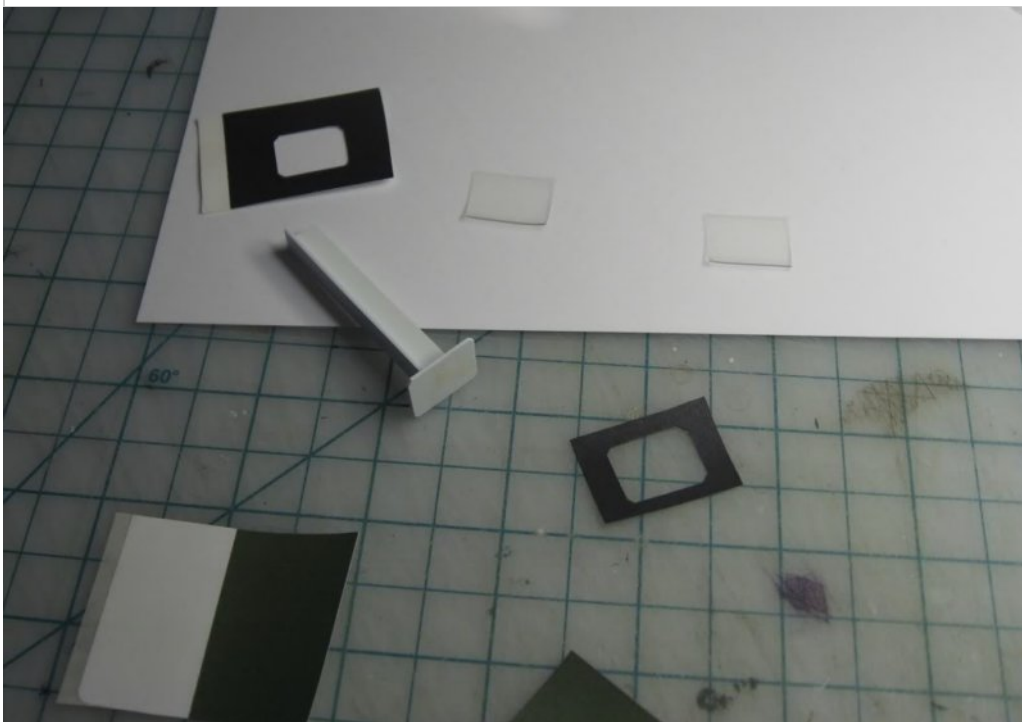
Putting an end to this canopy business with the last bits, namely the sliding side panels. Cannibalized two spare canopies to get what I needed for a right and left panel. There's a slight curve to them which meant a flat sheet of plastic wouldn't do:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x689.




Printed sticky backed stuff with the dark blue and interior green colors. Then I made a little pattern tool to cut out a consistent window area in four pieces, two blue and two green:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.

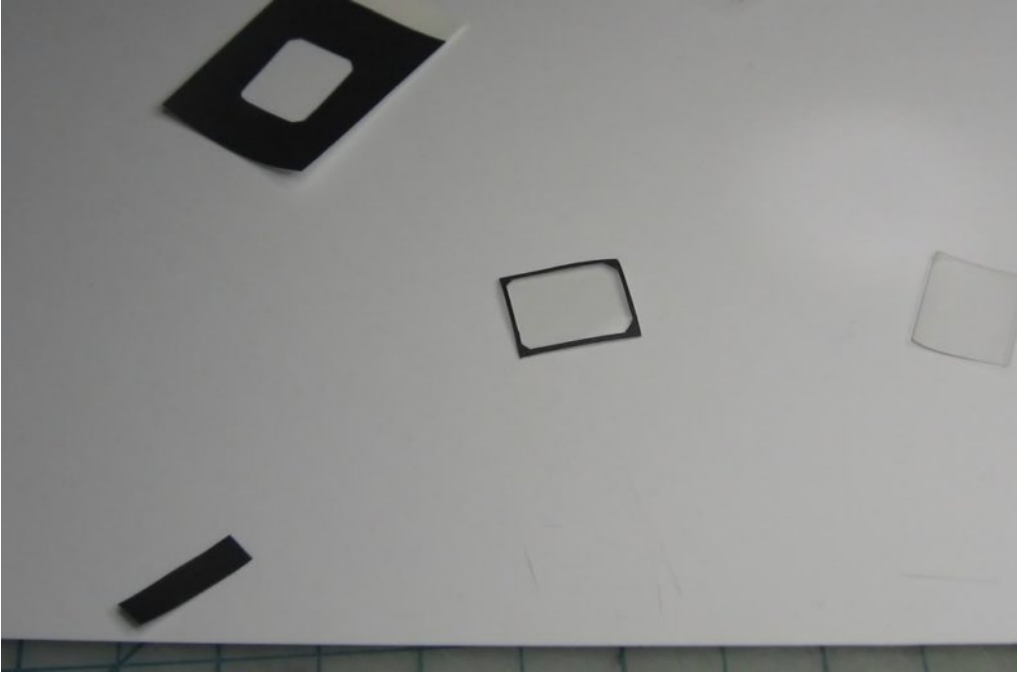


Stuck that to the plastic and trim to the edge:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x634.

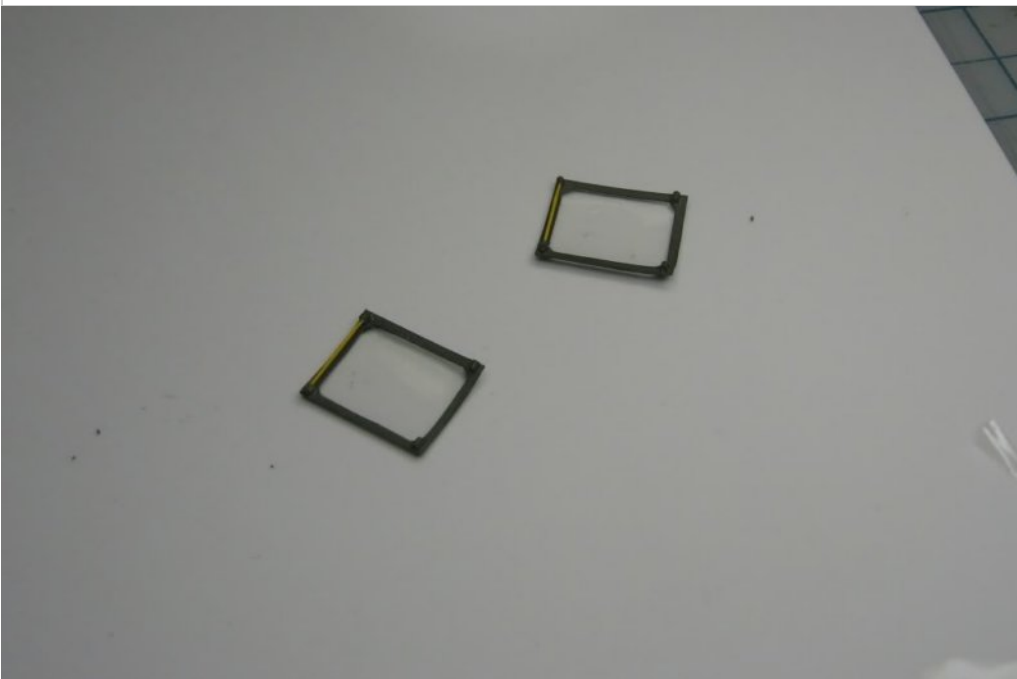


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x671.



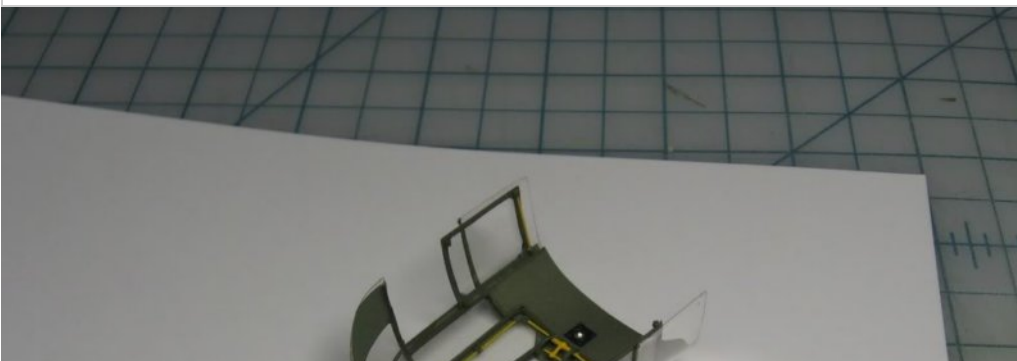
Did that with the green, only I trimmed away from the plastic edge a bit to create a flange all the perimeter. Added so tid-bits for detail:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676.



Then glued them to the upper rail I had fixed to the canopy way before. The pilot's side panel is fully opened and the navigator's panel is only partially opened for some visual interest:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x694.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x736.

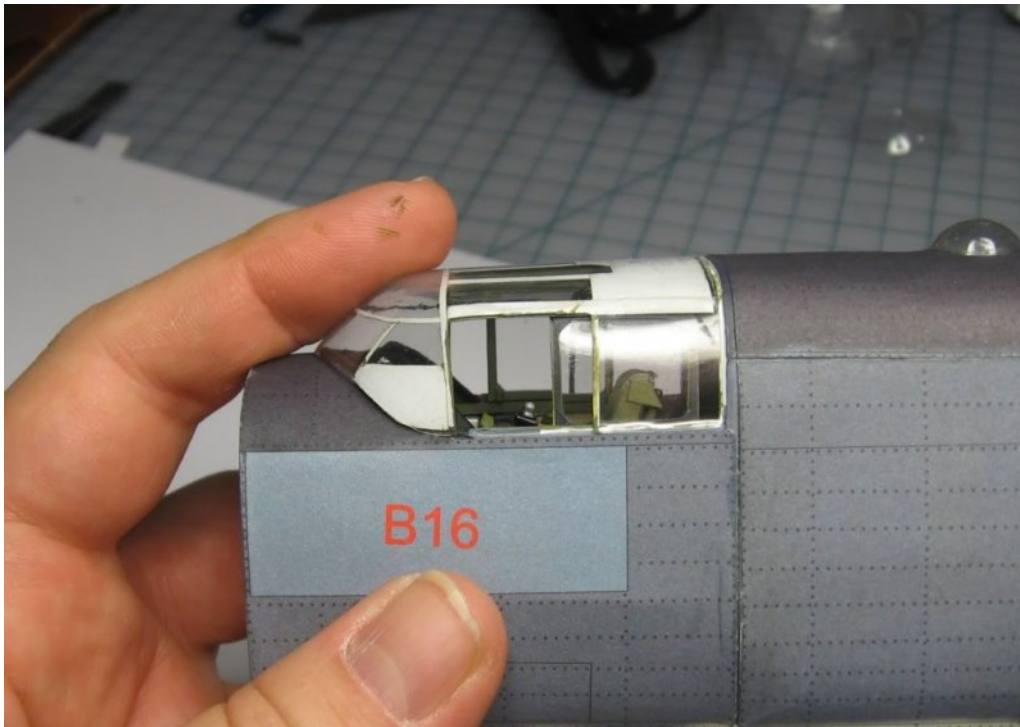


And of course the "how's it look on the model?" shots:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x686.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x723.



Hopefully you can see the green flange on the edge of the panel.

Just about ready to attached this canopy for good (huzzah!!)....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-23-2010, 08:29 PM



Papercut
Member

#874 (permalink)

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

The canopy is a model unto itself! But the scale hand is so life like 🐶, is there no end to your abilities. 😊 Rick



01-23-2010, 08:34 PM

cmdr199212

Member

🐶 lifelike!

#875 (permalink)

Join Date: Jul 2008
Posts: 81



01-23-2010, 09:40 PM



flying rasta
Member

#876 (permalink)

Join Date: Aug 2009
Posts: 121

Smartarse!....**snickering**..I third that!..impressive though..

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



01-23-2010, 10:41 PM



willygoat
Member

#877 (permalink)

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,297

You must have used a very sharp blade not to tear that sticker paper. That stuff is pretty flimsy. The glass looks great!!! Can't wait to see the outer frame in place.



01-24-2010, 04:36 AM

#878 (permalink)



smyfe
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 233

Beyond gobsmacked 🤯🤯, how can this keep getting better 🙏
best wishes
Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS



01-24-2010, 07:07 AM

#879 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **smyfe**
Beyond gobsmacked 🤯🤯, how can this keep getting better 🙏
best wishes
Mick

and Mikes just fooling here... you wait til he gets serious 😊 Yabadabadoo tis a wonderful piece of work for sure Sir Mike 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-24-2010, 03:13 PM

#880 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Exceptional work on the greenhouse, Mike!

Don



Page 88 of 90 << First < 38 78 86 87 **88** 89 90 > ▾

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)



01-25-2010, 07:04 AM

[#881 \(permalink\)](#)



Bomarc
Member

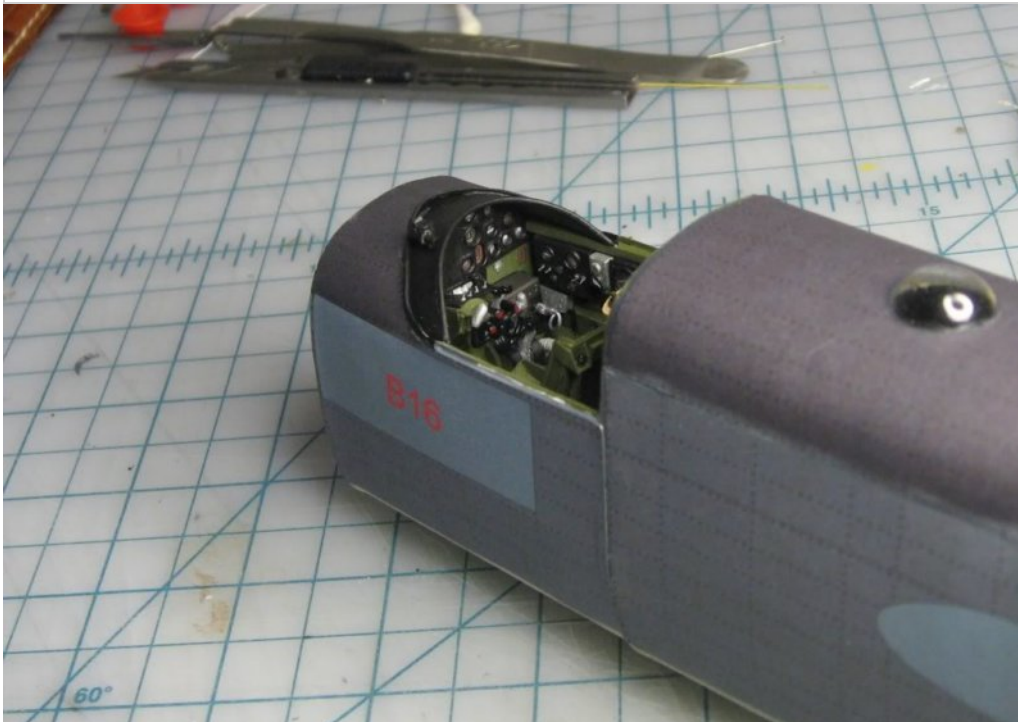
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Thanks guys.

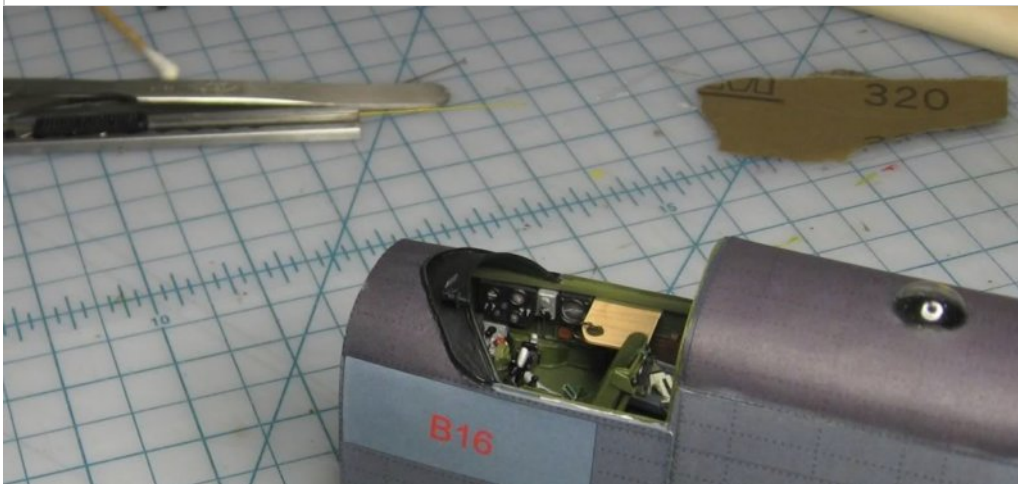
Well, finally, the canopy is in place for good. No more gigantic helping hand to have to hold in place for pictures.

Some last minute things for the cockpit. Gun sight (now with reflector) has returned. I superglued that puppy in, so it's not going anywhere. A few touch-ups with paint, permanently affixed the control column (it was flopping around in there), and some general housekeeping. Here's the last looks of the cockpit before it's covered up for good:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.

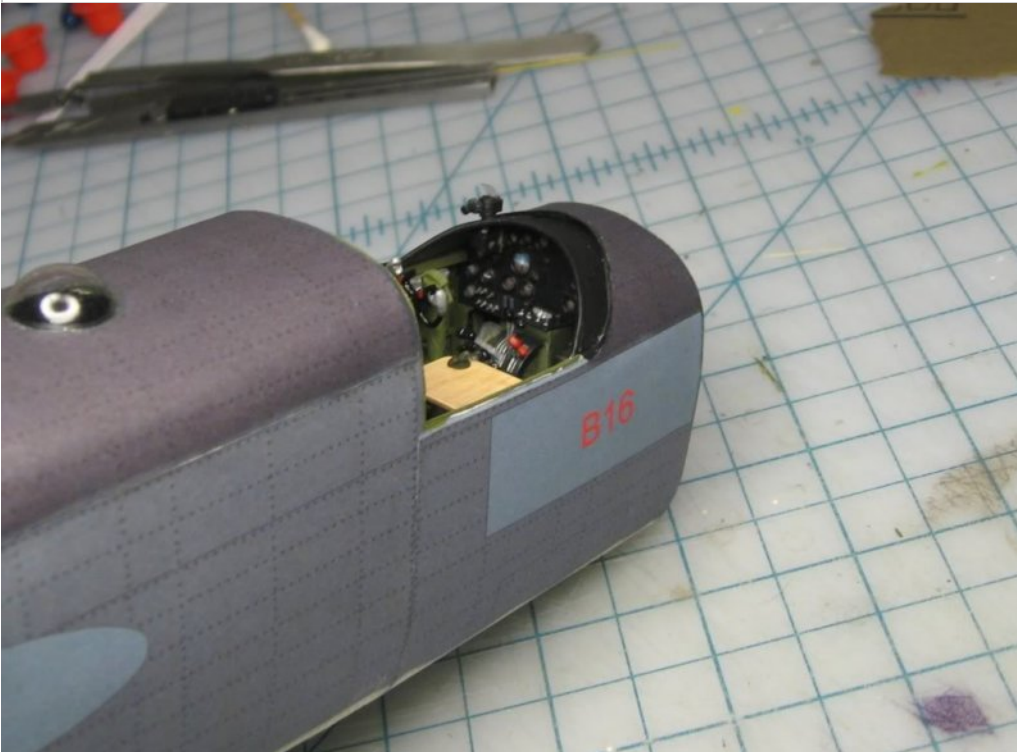



This image has been resized. Click this bar to view the full image. The original image is sized 1023x752.

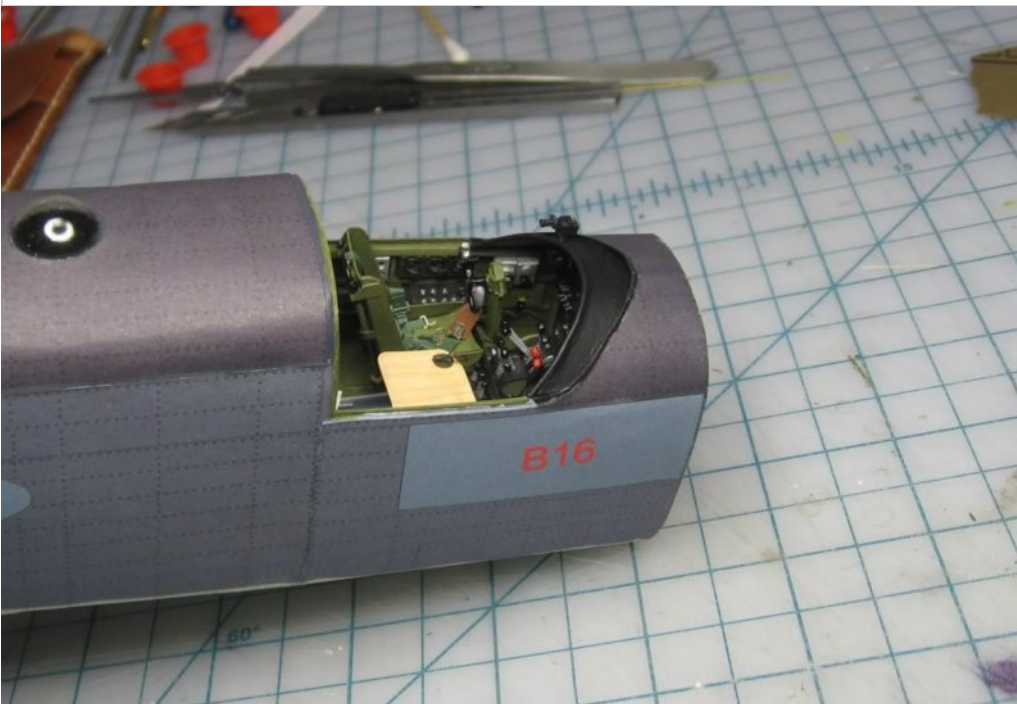





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x753.

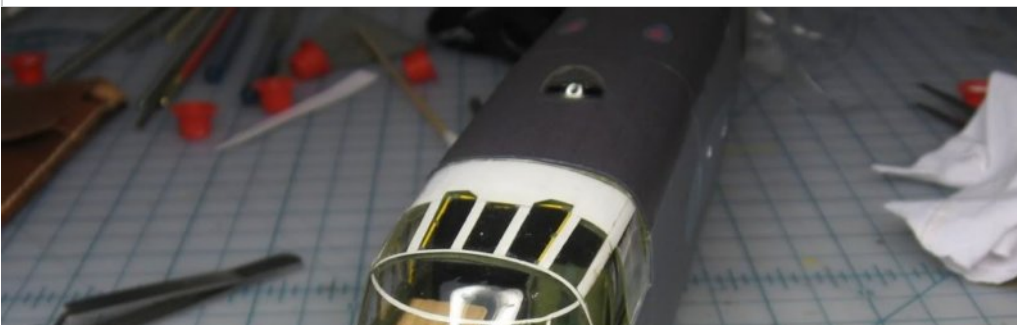


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.




And with the canopy firmly glued in. The gun sight fits well under the "glass":

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746.

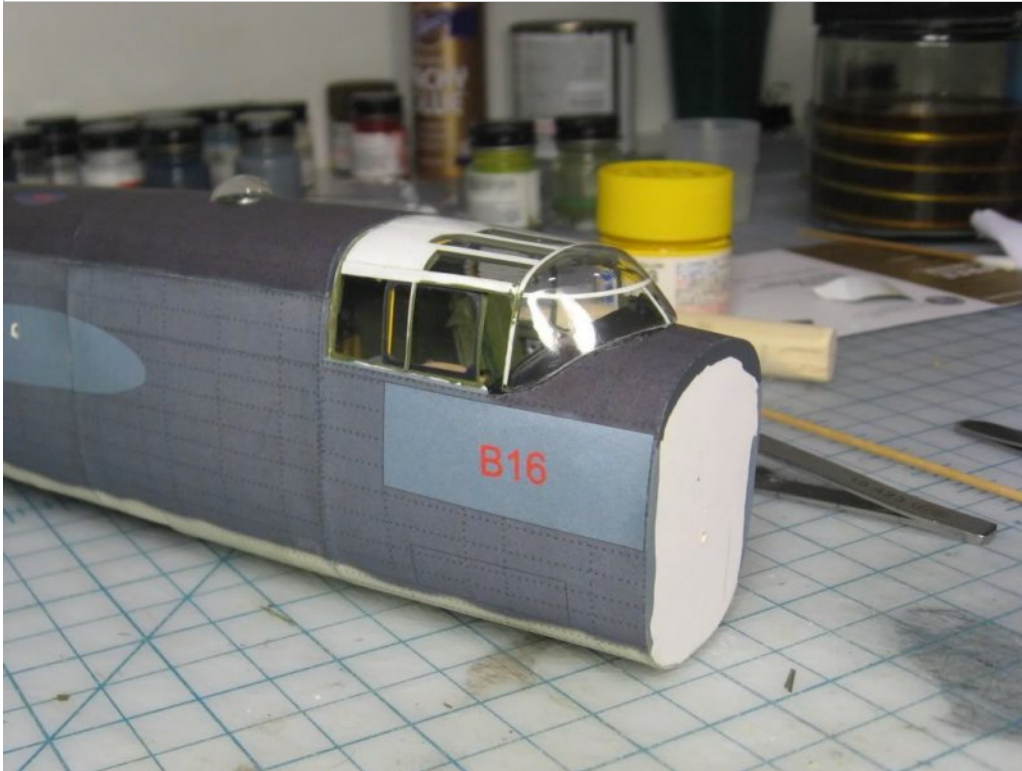





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x706.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x771.

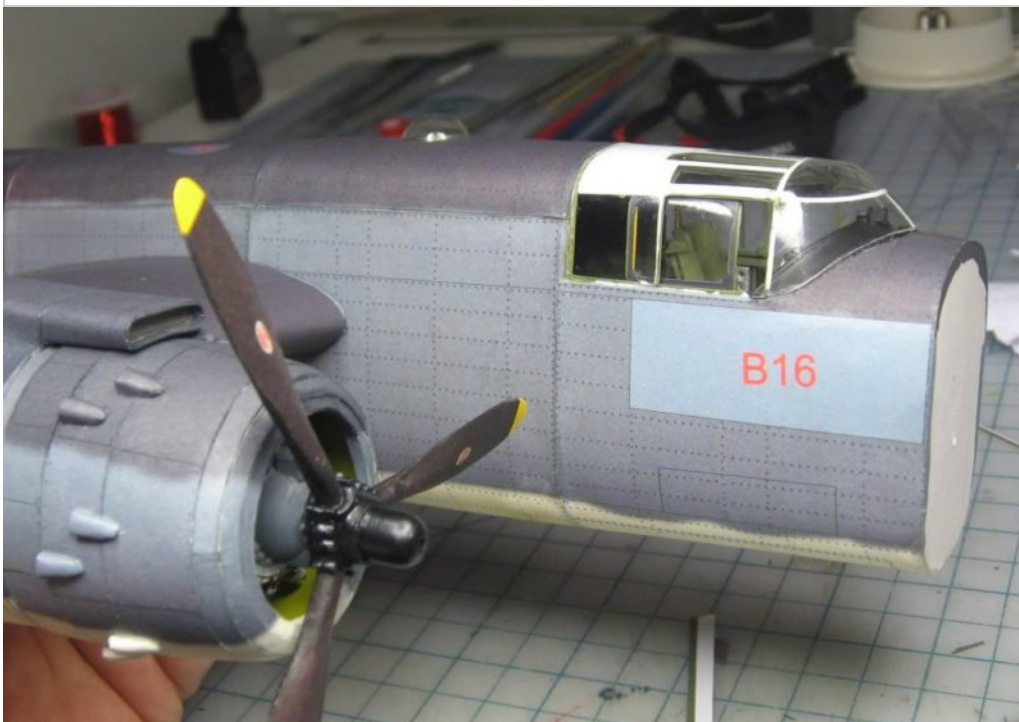


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717.



Remember some of these parts? They seem to all work well together :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.



Seems so long ago now.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-25-2010, 07:51 AM



willygoat
Member

#882 (permalink)

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,297

That look awesome! I can imaging seeing that thing flying in at an airshow.



01-25-2010, 09:31 AM

#883 (permalink)



flying rasta

Member

Join Date: Aug 2009
Posts: 121

i have to keep reminding myself this isn't a restoration project... but a card model... but the lines are certainly blurred.. sliding panel...wow. thanks mike.

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



01-25-2010, 09:45 AM

#884 (permalink)

cmdr199212

Member

Join Date: Jul 2008
Posts: 81

again, excellent work!



01-25-2010, 09:50 AM

#885 (permalink)



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **cmdr199212**
again, excellent work!

A very big **2nd** to that 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-25-2010, 05:18 PM

#886 (permalink)

Wily

Member

Join Date: May 2009
Posts: 168

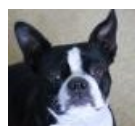
I love this guy.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



01-25-2010, 07:14 PM

#887 (permalink)



Papercut

Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

Soooo 😊 impressed by your work and the quality of the kit, ordered one last week, came in today's mail. I also have several kits that will benefit from the scan I will make of the engine parts to replace the dismal one's that came w/them! The canopy is just the bomb and I do hope you make available a complete vac'd canopy set at some later date. I saw that 1st class vac machine you made and many here would more than be willing to pay for your handy work @ vacu-forming. I am one of those fellas that is old enough to have had a Mattel one (vac machine) many, many moons ago and do so wish I still had one today 😊.Rick



01-25-2010, 07:45 PM

#888 (permalink)

kenlwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 366

Mike,

I am glad you posted those final shots of the interior before permanently closing the canopy. This has to be the most beautifully detailed cockpit ever! I actually felt like someone just closed the lid on a casket!

This has been a record setting build - that's for sure! I can't wait for the finish and see this aircraft in full glory!

Great Job!

Ken



01-25-2010, 08:47 PM

#889 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Rick, if/when you decide to build that beast, contact me, we'll work something out on the clear parts. No guarantee of fit though.....

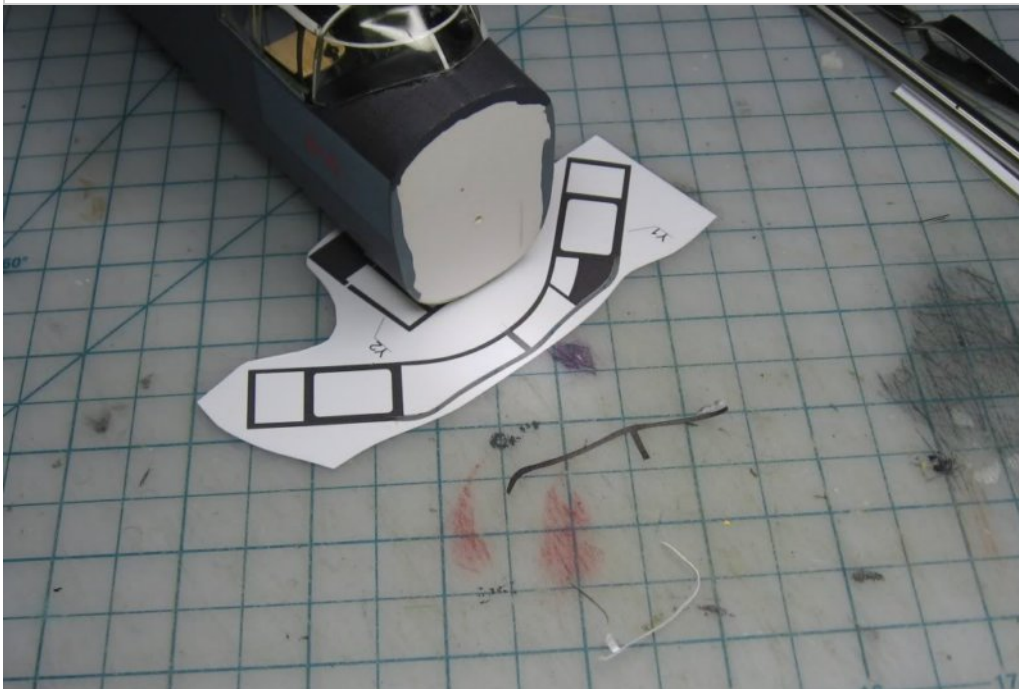
Quote:

Originally Posted by **kenlwest**
I actually felt like someone just closed the lid on a casket!

I know Ken. It was kind of like saying goodbye to an old friend, right? There's lot to see in there still....

Well I have to say that framing the outside of this canopy has got to be the most tedious operation I've encountered in this whole project. I took the Major's advice, and "skinned" the parts to make them really thin, then painted out the white on the back side:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x688.

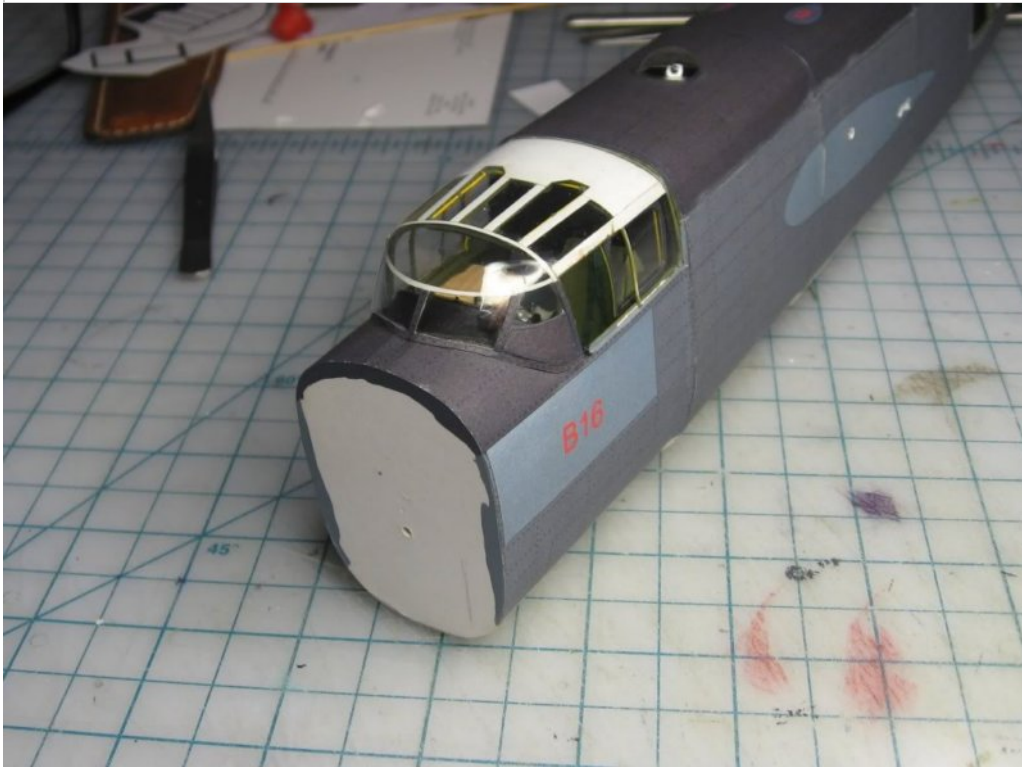



This image has been resized. Click this bar to view the full image. The original image is sized 1023x718.

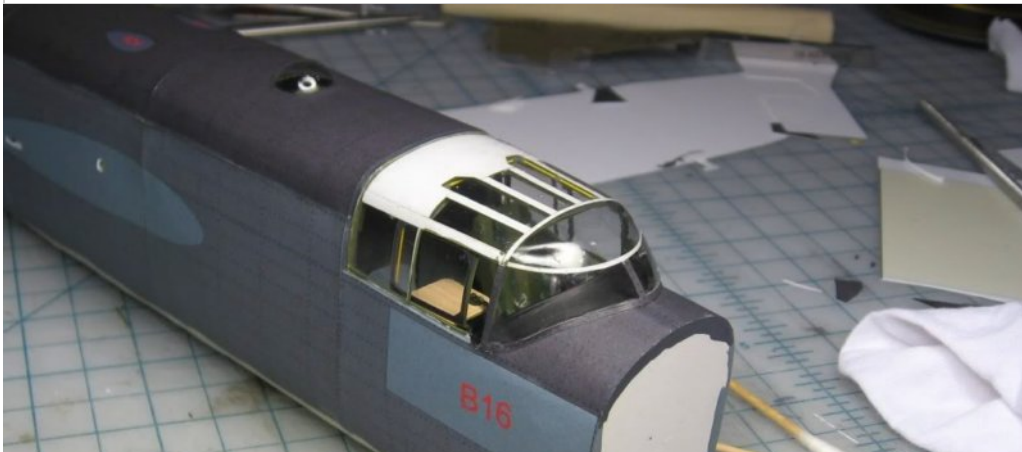


But like I said, really tedious. This is all I have to show for tonight's work:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x763.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x731.

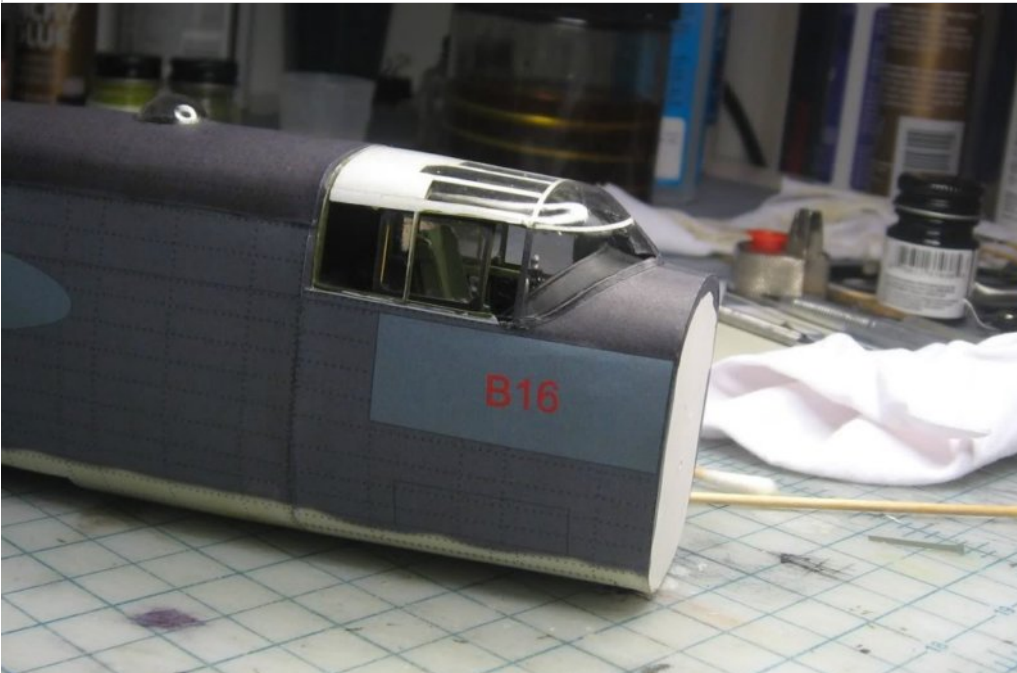




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x672.



But I like the technique. The combination of the thinned paper, moistened by the glue, makes things like that "eye patch" on the pilot's side conform to compound curves easier. Thanks Major!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-26-2010, 09:56 AM

[cmdr199212](#)

#890 ([permalink](#))

Join Date: Jul 2008
Posts: 81

Member

:rubs hands in anticipation : Oh lala! I can't wait! :drool:



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules 

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:29 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)

Page 84 of 90 << First < 34 74 82 83 **84** 85 86 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-09-2010, 11:38 AM

#831 ([permalink](#))

cmdr199212

Member

Join Date: Jul 2008
Posts: 81

LOL, thanks Bomarc. I did end up ordering a couple of hellcat canopies, so we'll see when they get here. They should come today, then I can finish up the fuselage on my F6F-5N. Then for the wings, and I'm almost done!! YAA!!!

Great stuff again!



01-09-2010, 04:00 PM

#832 ([permalink](#))



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

Comment

Mike,

Do you have an airbrush and some green translucent plastic compatible paint?

+Gil



01-09-2010, 04:15 PM

#833 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [Gil](#)
Do you have an airbrush...

My trusty Paache VL. Had it for years.....

Quote:

Originally Posted by [Gil](#)
...and some green translucent plastic compatible paint?

No, not even the Tamiya "clear" colors (if that's not the same stuff your thinking of).

I'm guessing combining the two would work to tint the canopy? Well, if I can verify that WWII era Marine PBJ Mitchells had the tint (and why wouldn't they in the blazing sun of the South Pacific?), I'll pick up some translucent green paint at my LHS.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-09-2010, 04:15 PM

#833 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [Gil](#)
Do you have an airbrush...

My trusty Paache VL. Had it for years.....

Quote:

Originally Posted by [Gil](#)
...and some green translucent plastic compatible paint?

No, not even the Tamiya "clear" colors (if that's not the same stuff your thinking of).

I'm guessing combining the two would work to tint the canopy? Well, if I can verify that WWII era Marine PBJ Mitchells had the tint (and why wouldn't they in the blazing sun of the South Pacific?), I'll pick up some translucent green paint at my LHS.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



01-09-2010, 04:42 PM

#834 (permalink)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

A Lot of Bull . . . ,

[Photos: North American B-25J Mitchell Aircraft Pictures | Airliners.net](#)



01-09-2010, 07:41 PM

#835 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Canopy as with the rest of this Mike is Excellent - Love the extra detail mate 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



01-09-2010, 08:32 PM

#836 (permalink)



Papercut
Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

I am very impressed by the work done to the canopy. Your attention to detail is phenomenal as you have demonstrated throughout this build. You my friend have set the bar very high! But hey that's what this hobby is about, how real can you make it, and you have done just that. I will be sad to see this thread end. 🌍Rick



01-10-2010, 03:56 AM

#837 (permalink)



the hermit
Member

Join Date: Oct 2008
Posts: 161

i had a feeling you were going to make a beautiful canopy .

very well done!

i think you deserve the golden canopy award for 2010

again very well done!!!

jealous regards, heh 🌍

hermit



01-10-2010, 06:51 AM

#838 (permalink)



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 137

Here is the next installment of the ongoing raw thread capture.

[Pages 41-83](#)

For the older sections they're here :-

pages -

[1-10](#)

[11-40](#)

PDFs are unlocked & editable.

In search of suitable superlatives? - the word **Wow** has appeared a modest 32 times so far in this thread.

Happy New Year.

<http://www.histwar.com/>



01-10-2010, 08:37 AM

#839 (permalink)



Quote:

Originally Posted by **Gil**
[Photos: North American B-25J Mitchell Aircraft Pictures | Airliners.net](#)


Shiny! Well that's definitely a green tint on there. Being a modern day restoration (just how many planes does Red Bull sponsor/own/fly?) I'm still a bit hesitant. No rush. If I do have to add the tint, it will be on the external surface of the canopy, so I can do it anytime, even well after the model's done.

Just little bit of progress. The Collings Foundation B-25 link I posted above (the dizzy one) shows an interior ceiling light. I suspect that's not original, but thought it fun to make anyway. Here's a quick and dirty Tute' (as in "the more you eat, the more you toot"?):


This is a variation on the landing lights I did. Take some kitchen foil and using a suitable "punch and die" (I'm using a hole punch set with the mini "Rolystyk") make a concave shape in the foil and cut that out:

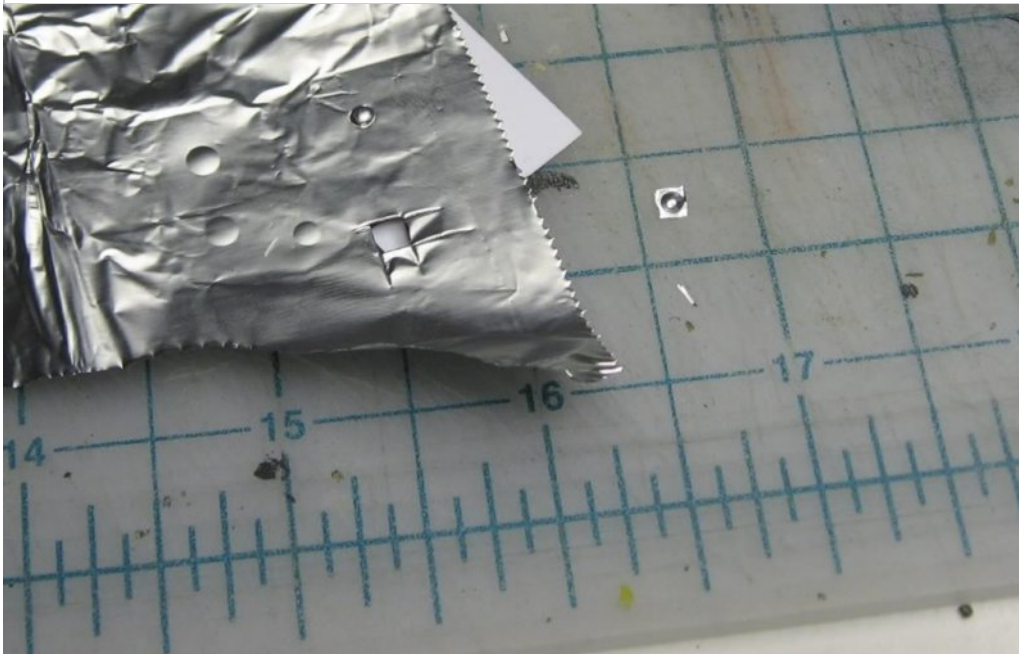
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x764.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x681.

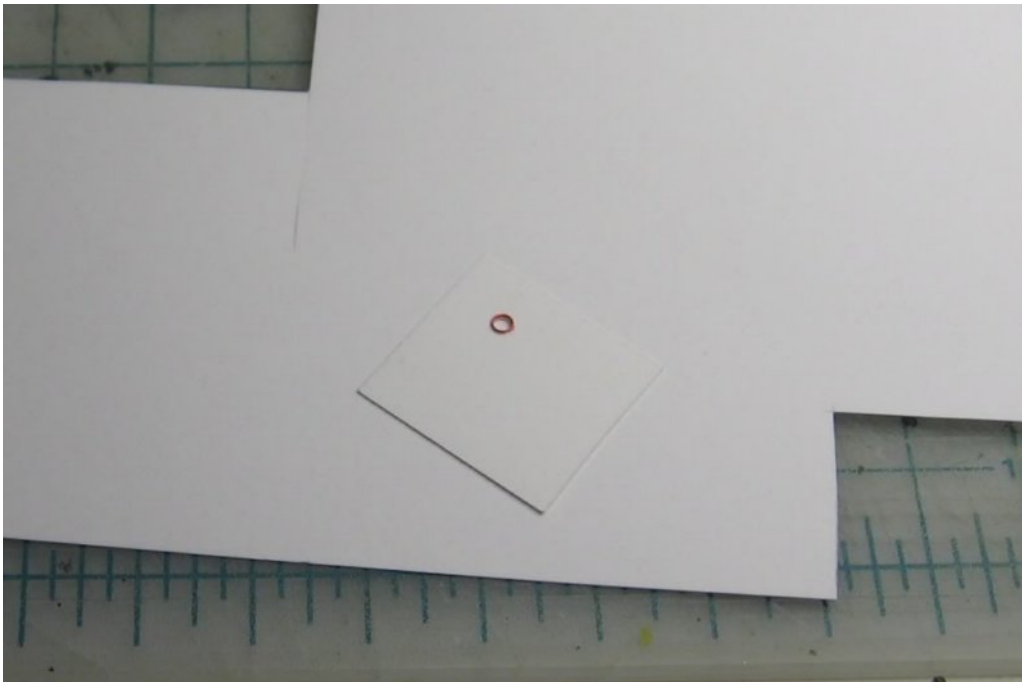


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x654.



I already notched the inside of the canopy where this is going. Make a bezel. Same drill as when making the instrument panel (punch a hole, add copper wire, paint black):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x679.

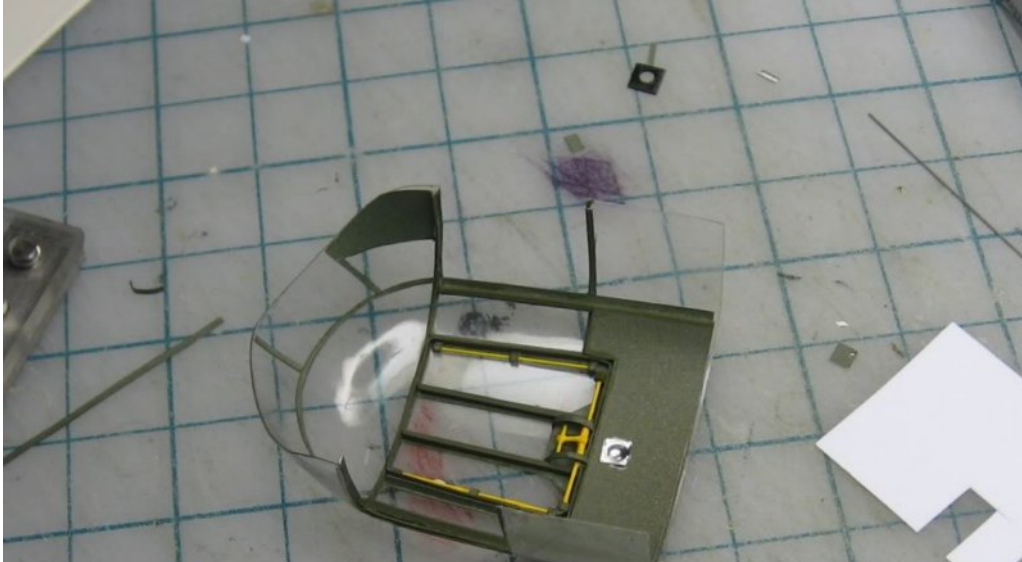


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x690.

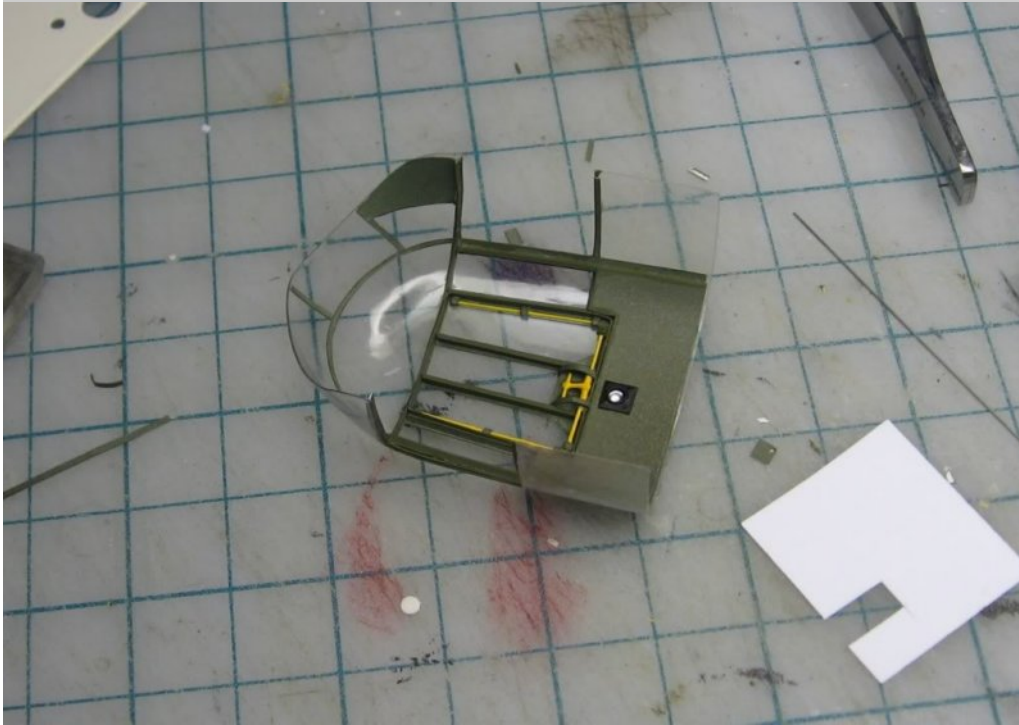


Place the foil on first, then top it with the bezel. Viola!

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x719.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.



No need to add "glass" (clear plastic) as the concave aluminum gives the illusion that it's already there.

Done

Mike

Who manage to refrain from writing "wow".....oh rats, I just did.....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-10-2010, 09:54 AM

#840 (permalink)




dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 98

I remember years ago, when I was a "styrene-head" instead of a "card-head," I bought Shep Paine's book, "How to Build Dioramas" and was astounded because I literally learned something new on every page. This build has been like that. Thank you.



 Post Reply

Page 84 of 90 << First < 34 74 82 83 **84** 85 86 > Last >> 

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 85 of 90 << First < 35 75 83 84 **85** 86 87 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-10-2010, 03:33 PM

#841 ([permalink](#))



Retired for now ◉

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,110

Mirrors, lots of mirrors for the display base (and maybe a few fiber-optic video probes peeking in). It's either that, or you need to mount this on one 'o them three axis swivels or you risk getting sued for pains, strains, and contortions by anyone viewing the detail you've put in (so far...?).

Yogi

[Quote](#)

01-10-2010, 07:51 PM

#842 ([permalink](#))



Don Boose ◉

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Just when I think you've pushed the envelope as far as it will go . . .

[Quote](#)

01-10-2010, 09:39 PM

#843 ([permalink](#))



shrike ◉

Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

I'm waiting for the wheelie-hold-hold-the-airplane-up thingies.

I'm not making it up as I go along, I'm establishing precedent

[Quote](#)

01-11-2010, 06:54 AM

#844 ([permalink](#))



Bomarc ◉

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [shrike](#) ◉
I'm waiting for the wheelie-hold-hold-the-airplane-up thingies.

All in good time Mark. I've worked up replacement parts for the rims and tires. Once I successfully build a set of wheels using them, I'll post the parts for downloading for any one interested.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

[Quote](#)

01-11-2010, 08:42 AM

#845 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **Retired_for_now**
Mirrors, lots of mirrors for the display base (and maybe a few fiber-optic video probes peeking in). It's either that, or you need to mount this on one 'o them three axis swivels or you risk getting sued for pains, strains, and contortions by anyone viewing the detail you've put in (so far...?).

Yogi

Oh very definitely second all of that - could try some micro camera's too whilst Mikes at it, all connected up to a large LED monitor far all to see inside 🤖

Quote:

Originally Posted by **Don Boose**
Just when I think you've pushed the envelope as far as it will go . . .

Mike's got the gift of making us all sit back in amazement.. 🤖 always giving us much more than we think is possible 🍷 one coooool dude 🤖

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-11-2010, 04:38 PM

#846 (permalink)



milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 763

Has anyone in any other paper forum went this far on a model?

Astonishing... I'm learning also a lot.

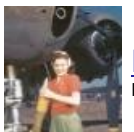
Thank you, Mike!

- Gerardo
Paper Modeling in Mexico
Visit my [Blog](#) and my [Web Site](#) on Paper Modeling



01-11-2010, 04:56 PM

#847 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by **milenio3**
... I'm learning also a lot.

I'm glad Gerardo. Still some more to go, but I think we're starting to see the light at the end of the tunnel.

Hang on!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51siq.ipbfree.com/index.php>



01-11-2010, 09:16 PM

#848 (permalink)



flying_rasta
Member

Join Date: Aug 2009
Posts: 121

Hanging on too...**grinning**..geez..its the last thing I do before bed (ummm..one of the last things)..check this thread..very inspiring..and the people here make it all the more worthwhile...keep on rockin mike..

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



01-11-2010, 10:21 PM

#849 (permalink)

Wily
Member

Join Date: May 2009
Posts: 168

bomarc...so...are you...human?

Just asking.

wily
"I interview WW2 pilots and draw their airplanes."
www.ww2fighters.blogspot.com



01-11-2010, 10:43 PM

#850 (permalink)



willygoat
Member

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,297

I wondered the same thing right around the time he manufactured that amazing cockpit. I'm pretty sure he's at least 30% cyborg



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:25 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 86 of 90 << First < 36 76 84 85 **86** 87 88 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-12-2010, 06:09 AM

[#851 \(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Quote:

Originally Posted by [willygoat](#)
I'm pretty sure he's at least 30% cyborg

Actually I'm "Dyslexic of Borg": *"Prepare to have your ass laminated"*

Sorry, silly Trek NG joke.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>

Quote

01-12-2010, 07:09 AM

[#852 \(permalink\)](#)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

Quote:

Originally Posted by [Bomarc](#)
Actually I'm "Dyslexic of Borg": "Prepare to have your ass laminated"

Mike

Better than Popeye of Borg : "Prepare to be a Askrimiligated "

While fitting for a navy aircraft, I know I already regret that anything that could lead to a list of jokes like that, so pray ignore it, or at least put any more in a new thread in the Lounge

I'm not making it up as I go along, I'm establishing precedent

Quote

01-14-2010, 12:41 PM

[#853 \(permalink\)](#)



flying rasta
Member

Join Date: Aug 2009
Posts: 121

come on mike...going through withdrawals...more please?...*"MORE"*...starting to think there is trouble with my connection to buy...or not to buy...damn you MAREK....damn you!!...ummm...can you make one more 1:50??


Quote

01-14-2010, 07:23 PM

[#854 \(permalink\)](#)




Sorry Rasta-man, but work on the model had to take a back seat to family stuff, and this had been a chock-er-block full one for that kind of thing. I'm travelling to my dad's for the long weekend, and I'm going to try to get something done up there. Went to Wal-Mart and picked up this tackle box and packed it up. No doubt I've got things in there I won't touch all weekend, and there will be other things I wish I had put in there:

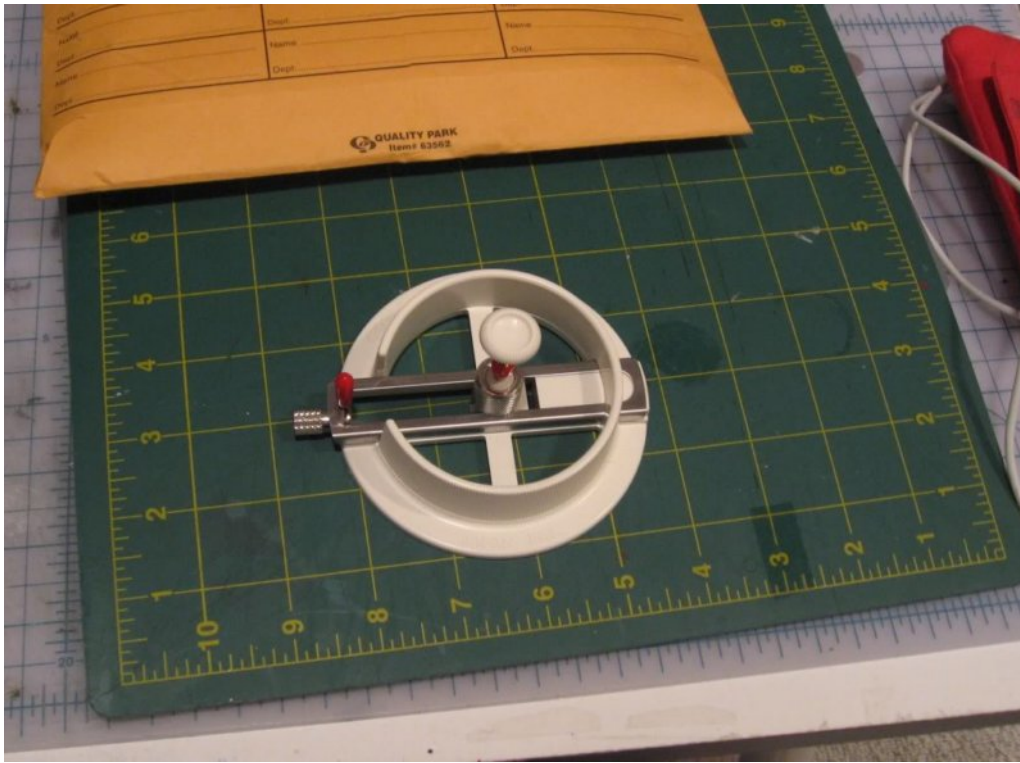
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769.



All the kit parts that are left, some extra mat board, card, etc is in the inter-office folder you see there along with a "travel size" cutting mat. There's lots of little things left in this kit to do: Rudders, flaps, etc. etc. mindless "grunt work" that I think I can do "on the road". We'll see.

One new thing I've added to the tool list and am taking with me is this circle cutter thing:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x757.



I was intrigued by it when I saw Billy get one in the Hustler thread a few weeks back. Not quite sure how to use it yet, but I thought I might try making the bulk disc for the wheels this weekend with it.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-14-2010, 07:41 PM



peter taft
Member

#855 (permalink)

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

flying rasta

come on mike...going through withdrawals...more please?...."MORE"...starting to think there is trouble with my connection

You see what you went and did with this mind numbingly brilliant - fantastic - marvellous thread... we goes MAD without an up date 🤔

Bomarc

I was intrigued by it when I saw Billy get one in the Hustler thread a few weeks back.

Me too, i like the look of this tool, the one i use is the usual **COMPASS CUTTER** - it came into it's own when i was cutting all the rings for the Saturn V and other Rocket projects. **I must say, so long as i didn't put too much pressure on and made several sweeping passes on the cardstock it was fairly accurate** - but we know that **fairly accurate doesn't quite cut the mustard with what we do..** the new tool you have there seems to **SHOUT out ACCURACY**, please let me know how you get along with it Mike - Seems ok over on the Hustler thread with Billy - so a second opinion of its use will be a good selling point. **Have fun friend.** 😊 You will 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



01-14-2010, 08:07 PM



Gil
Member

#856 (permalink)

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 738

Like in -

Mike,

"Like how much did it cost?" Shouted the rude man . . . ,

+Gil



01-14-2010, 09:12 PM

#857 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Gil,

Bought on eBay:

[NT C-1500P Circle Cutter for Scrapbooking - eBay \(item 220528742837 end time Jan-17-10 07:42:17 PST\)](#)

Worked out to around \$35 with the shipping. A little apprehensive ordering from Hong Kong, but this was the only one I could find, and the seller shipped it fast registered mail. I received it 10 ten days after hitting "buy-it-now", brand new in the original bubble packaging.

Looking at Billy latest posts on the Hustler thread, seems to work pretty well.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-15-2010, 04:03 AM

#858 (permalink)



billy.liveld
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 992

He Mike,

It works fine, it takes a bit of tweaking;

The flat "center"peace can be unscrewed, revealing the sharp point, by turning the white knob and holding the copper tube..

The flat one tends to slide too easy on smooth coated paper

Always line up the cutting point of the knife with the center-point (it comes out of the box like that)

Keep it firmly in place with your left hand and rotate with your right hand, take it easy on the first cut and do not use too much pressure, just keep going round till it's all the way through

It can make circles from 18 mm and up (just what I needed for the B58 wheels)

Adept the blade to the thickness of the stuff you want to cut, to deep will make it 'slip' easy.

It is a bit hard to find the center of the circle again after you removed the thing, so just keep going till you're shure you're all the way

It makes a nice clean laser-like cut 😊

Attached Images

- DSC09983.JPG (119.2 KB, 46 views)
- DSC09984.JPG (116.3 KB, 43 views)
- DSC09985.JPG (107.1 KB, 45 views)
- DSC09986.JPG (131.9 KB, 46 views)
- DSC09987.JPG (131.2 KB, 43 views)

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



01-15-2010, 06:01 AM

#859 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location : Carlisle , Pennsylvania
Posts: 4,440

That is a very fine traveling paper model workshop, Mike.

Thanks to you and to Billy for the info on the circle cutter. I picked up a smaller version intended for children's crafts a couple of years ago and forgot about it. Seeing yours and reading Billy's tutorial causes me to want to dig it out and give it a go.

Don



01-15-2010, 06:11 AM

#860 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location : Burke, Virginia
Posts: 538

Many thanks for the mini toot Billy, very helpful. Didn't even know you can remove the center piece to reveal a point!

Well, I'll going to give it a "spin" this weekend (HA!!!*). I'll report back with my findings....

Mike

*See, it's funny 'cause you have to "spin" the gadget around to cut circles, and I made it sound like a "spin" around the block, you know, when somebody's says "Lets let's take it for a spin", which usually relates to a car, so I made it sound like I was taking the circle cutter around the block for a "spin", which I can't actually do because it isn't a car, well, I guess I could try to spin the cutter around the block, but it probably wouldn't hold up very well, then I couldn't cut circles with it, so in that sense it wouldn't be practical, but that's what makes it kinda funny.....you know.....spin.....not a car.....hello?....I'll stop writing now.....

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:27 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 87 of 90 « First < 37 77 85 86 **87** 88 89 > Last » ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-15-2010, 10:12 AM

[#861 \(permalink\)](#)



[billy.ieliveld](#)
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 992

I think you need a spin-doctor

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>

Quote

01-15-2010, 10:24 AM

[#862 \(permalink\)](#)



[Don Boose](#)
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Especially when you have to explain your jokes . . .

Quote

01-15-2010, 02:57 PM

[#863 \(permalink\)](#)



[Texman](#)
Lilliput Transportation

Join Date: Jul 2007
Posts: 716

I think Mike hit the throwback Mt Dew a little hard today...

Ray

Don't squat with yer spurs on.....It's gonna hurt

Quote

01-17-2010, 08:07 PM

[#864 \(permalink\)](#)



[Bomarc](#)
Member

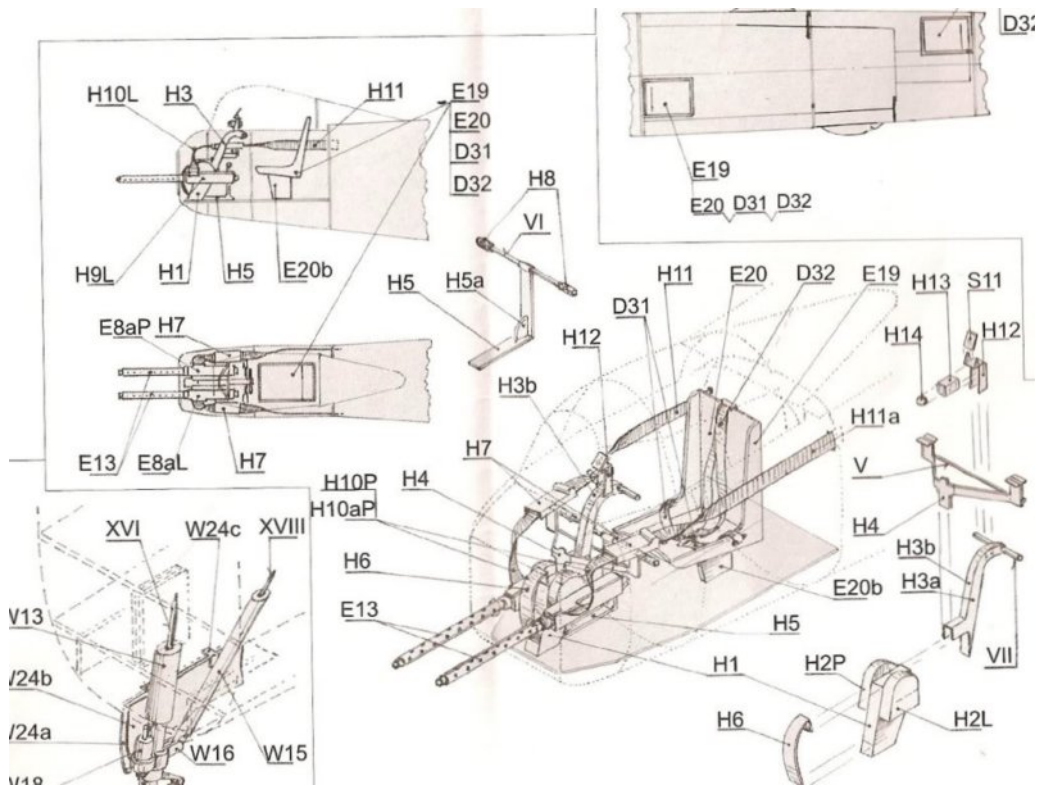
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Thanks for nothing Orlik.....

....no really, I'm mean *nothing*.

Was able to get some stuff done over the weekend (I'll post my progress when I get home tomorrow), but I couldn't do one thing I thought I could do "on the road". That's the tail gunners station:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



The reason I couldn't make those components? Orlik failed to include nearly ALL the parts! At first I thought I just didn't bring them with me, so I looked over all my original parts scans. Turns out all I get is the seat, the guns, and the long ammo belts (H-11, 11A). I can deal with mis-labeled parts all day long, but NO parts?!!

I guess I could scratch those peices, but given the tiny canopy they'd be under, I think the kit parts would suffice (assuming I had them). So, a plea to anyone out there who might have the Orlik B-25J, sister kit to this PBJ, a scan of all the "H" parts you see in the pic above would be much appreciated, thanks!!!

Heavy sigh....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-17-2010, 08:33 PM

#865 (permalink)



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 1,978

This should help...

<http://www.orlik-models.pl/download/pbj.pdf>

I guess they realized their mistake.

Ron S.



01-17-2010, 09:21 PM

#866 (permalink)



SJPONeill
Member

Join Date: Nov 2008
Location: Near the Spiral, NZ.
Posts: 417

It's great to see a company that, having made an error, takes the time and trouble to remedy it...on ya, Orlik!!

[The World According to Me](#)



01-17-2010, 10:13 PM

#867 ([permalink](#))



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,306

While you're at your super-detailing best, put a scuffed spot dead center where the stabilizer spar passes through the crawlway to the tailgun position. That's where the gunner hits his head on the way back. I, on the other hand, wasn't wearing a helmet, so I got the scuffed spot on my forehead instead. Left a neat horizontal scar too.

I'm not making it up as I go along, I'm establishing precedent



01-18-2010, 08:05 AM

#868 ([permalink](#))




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Good on ya' Orlik indeed

Quote:

Originally Posted by **OldTroll** 
This should help...

<http://www.orlik-models.pl/download/pbj.pdf>

Excellent! Thanks Ron, and thank you Orlik!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-18-2010, 08:15 PM

#869 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Well I suppose an update is in order. After all, I was able to complete some stuff this weekend (the travelling kit worked well). Started with all the control surfaces. Pretty robust design, solid core with ribs and things:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x612.




This was before I sanded each down to final airfoil shape (ah-choo! Very dusty work), using their skins as a guide to know when I sanded enough. Here they done ready to wrap:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x624.




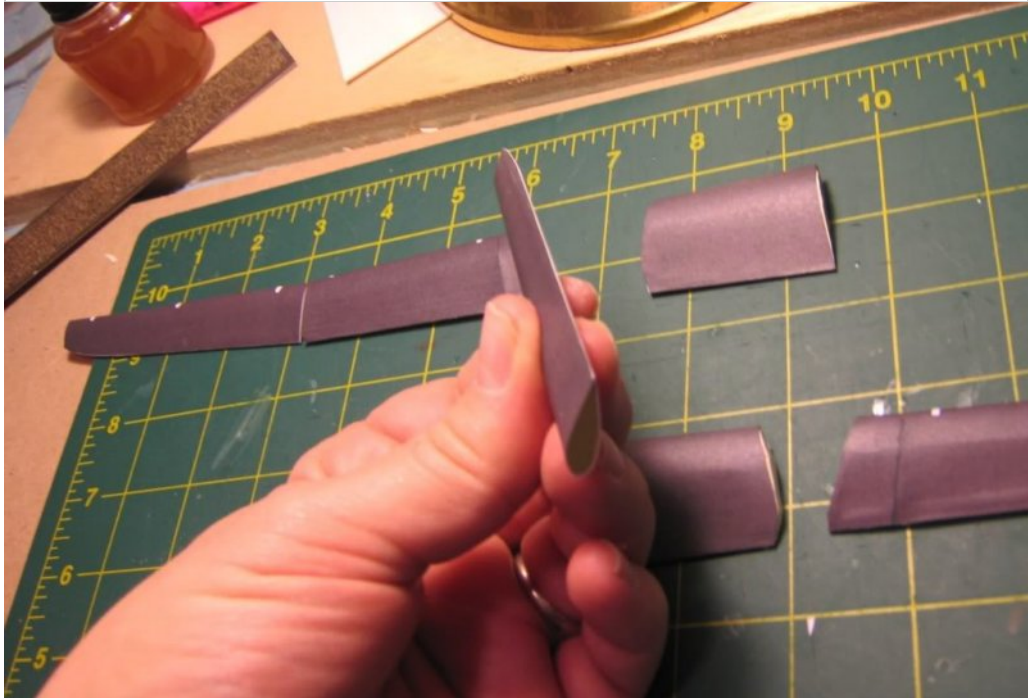
And wrapped up:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x598.




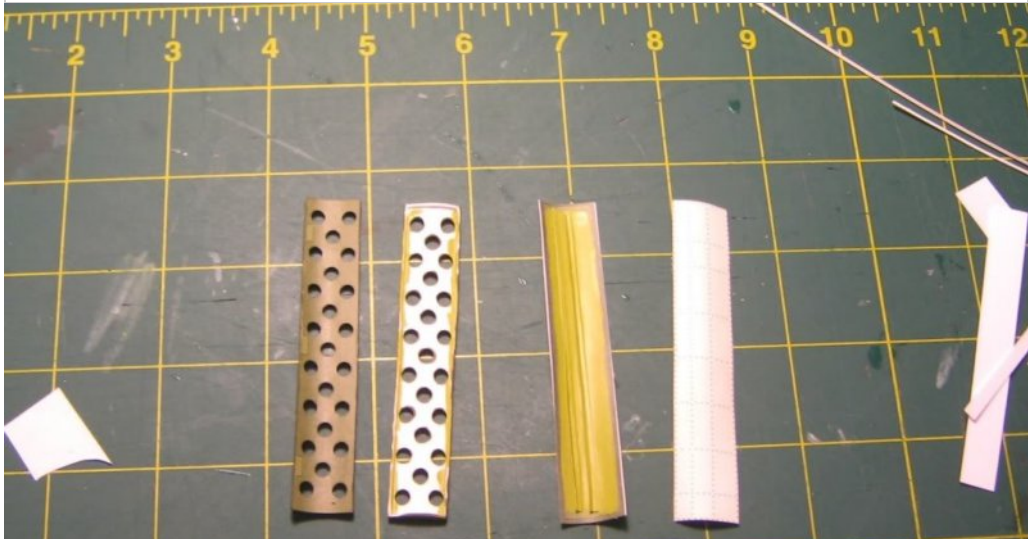
Haven't worked the rudder ends yet, but the solid core does make for a straight trailing edge:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696.

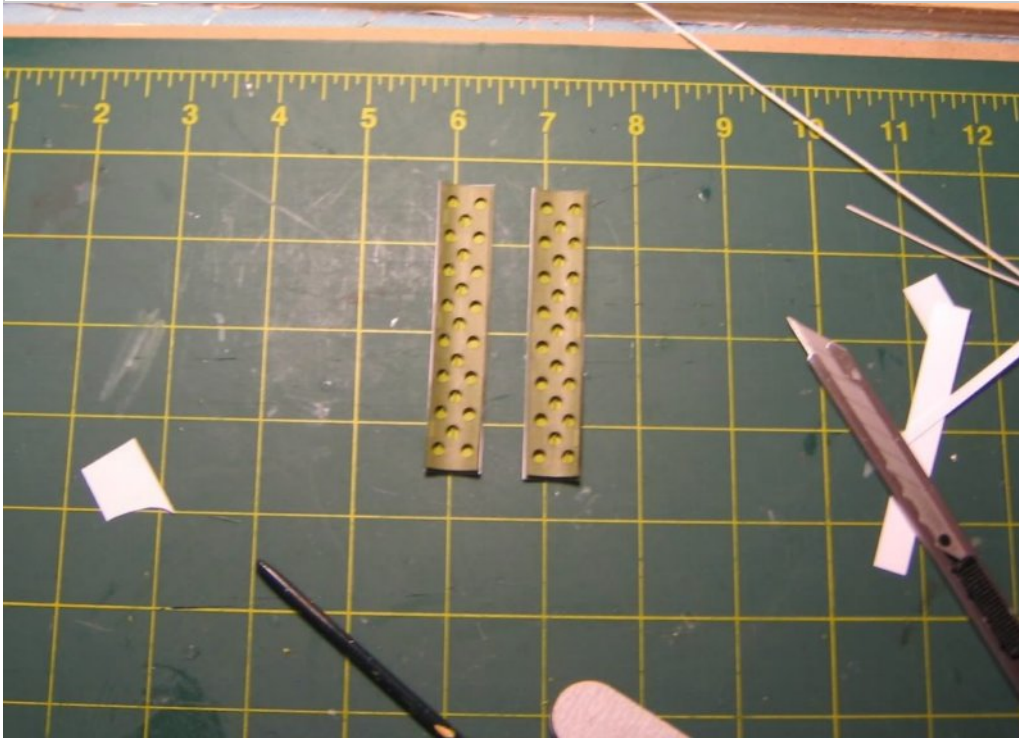


Since I couldn't make the tail gunner station, I punched and assembled the bomb bay doors instead. Added a few "embellishments":


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x756.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x735.




Back at home base, I could finally see if anything I made fits:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713.




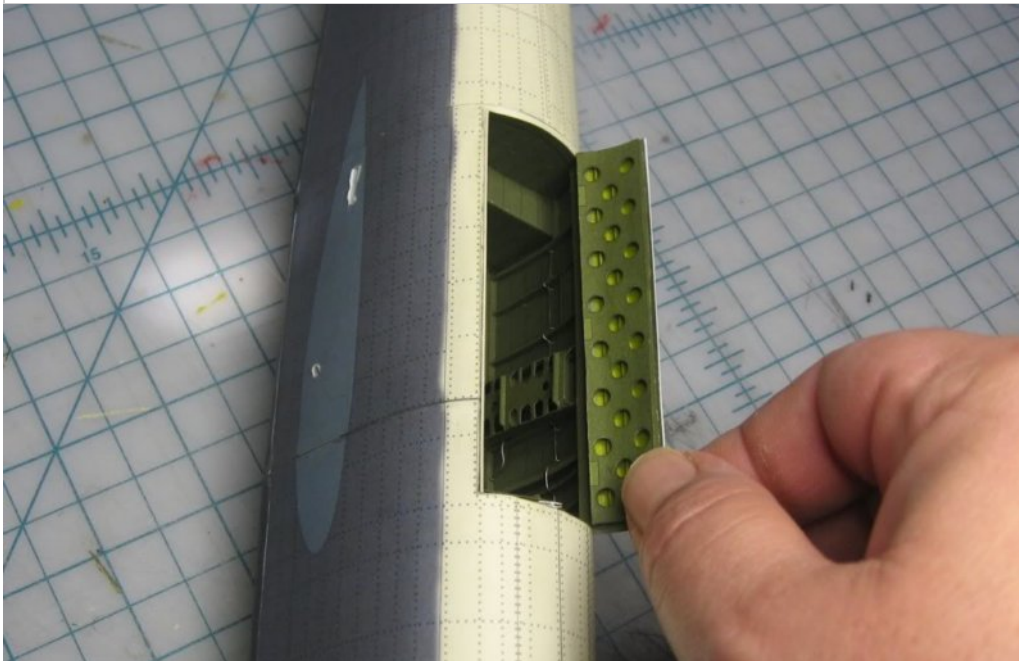
Not bad. Some touch up here and there, good to go. Love to see razor sharp trailing edges :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.



How the bomb bay doors will look in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x659.



Wasn't able to test drive the new circle cutter over the weekend. Maybe this week, but lots of family duties heading my way with a short work week thrown in, so savor this update, don't know when the next installment will be.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-19-2010, 08:44 AM



flying rasta
Member

#870 ([permalink](#))

Join Date: Aug 2009
Posts: 121

ahhhhhh.....piiiiics....lovely mike..simply lovely..now i can start my day!

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 88 of 90 << First < 38 78 86 87 **88** 89 90 > ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

01-19-2010, 10:15 AM

#871 ([permalink](#))



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by [flying rasta](#)
ahhhhhh.....piiiics....lovely mike..simply lovely..now i can start my day!

I second that my man 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rqu52si0Fzk>

[Quote](#)

01-19-2010, 02:12 PM

#872 ([permalink](#))



milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 763

Very very fine control surfaces. They look clean.

- Gerardo

Paper Modeling in Mexico
Visit my [Blog](#) and my [Web Site](#) on Paper Modeling

[Quote](#)

01-23-2010, 08:16 PM

#873 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538


Well, I guess it's time for a progress report, what little progress there is.

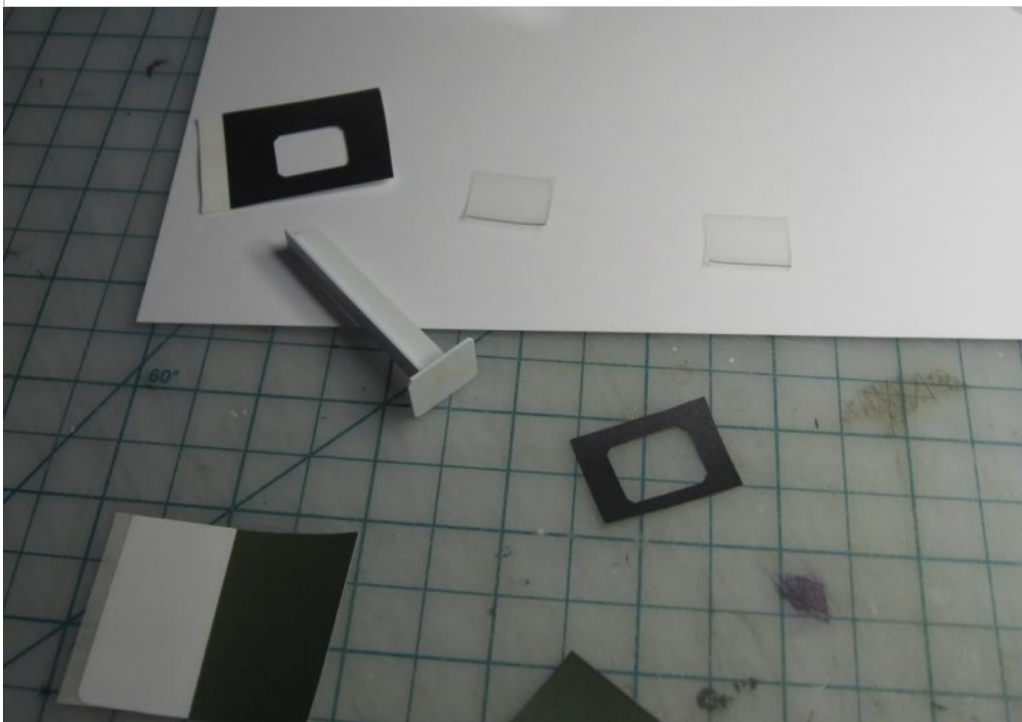
Putting an end to this canopy business with the last bits, namely the sliding side panels. Cannibalized two spare canopies to get what I needed for a right and left panel. There's a slight curve to them which meant a flat sheet of plastic wouldn't do:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x689.




Printed sticky backed stuff with the dark blue and interior green colors. Then I made a little pattern tool to cut out a consistent window area in four pieces, two blue and two green:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.

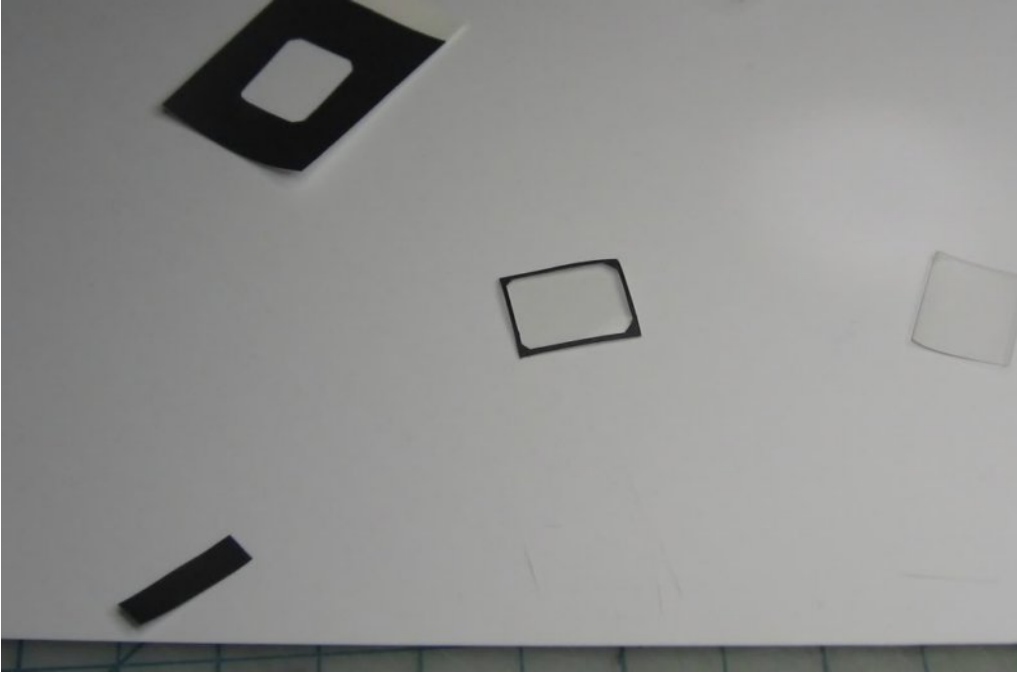


Stuck that to the plastic and trim to the edge:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x634.

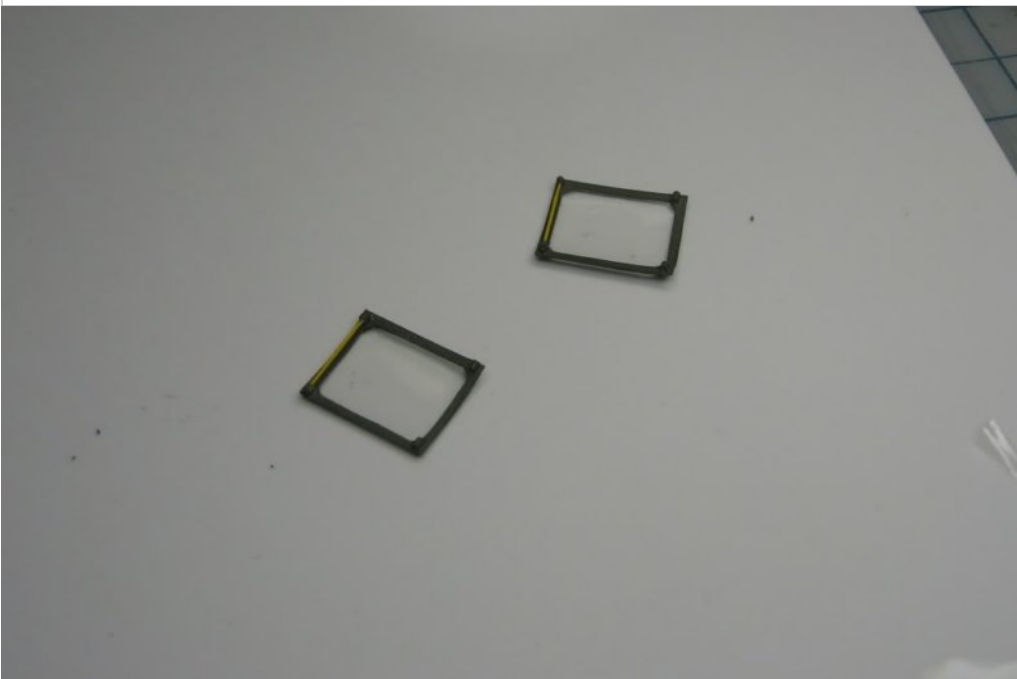


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x671.



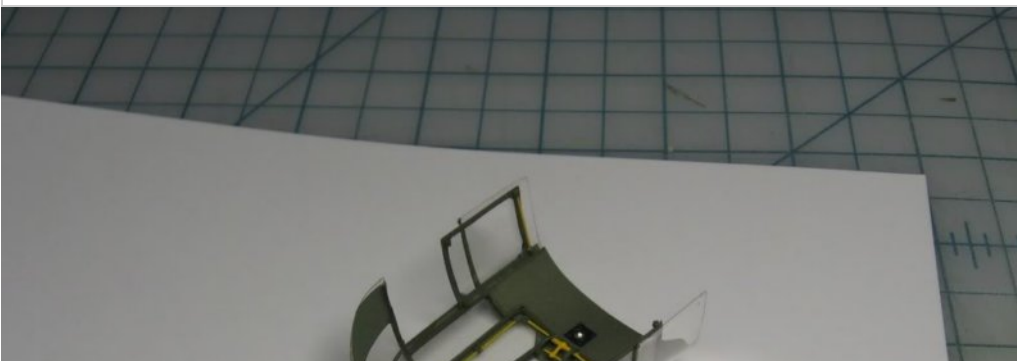
Did that with the green, only I trimmed away from the plastic edge a bit to create a flange all the perimeter. Added so tid-bits for detail:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676.



Then glued them to the upper rail I had fixed to the canopy way before. The pilot's side panel is fully opened and the navigator's panel is only partially opened for some visual interest:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x694.

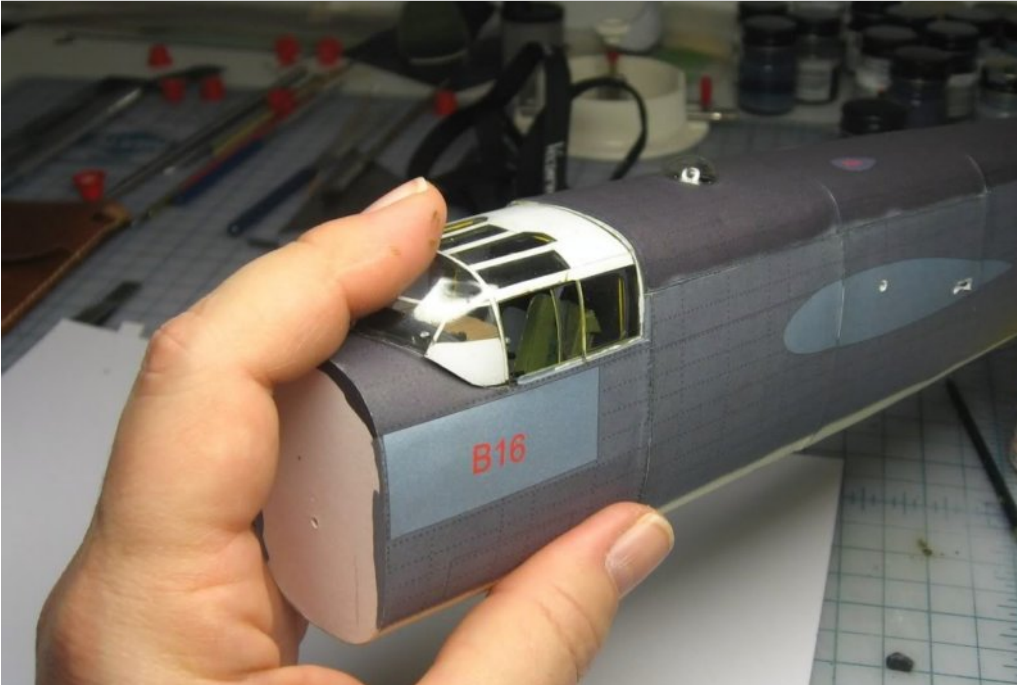



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x736.

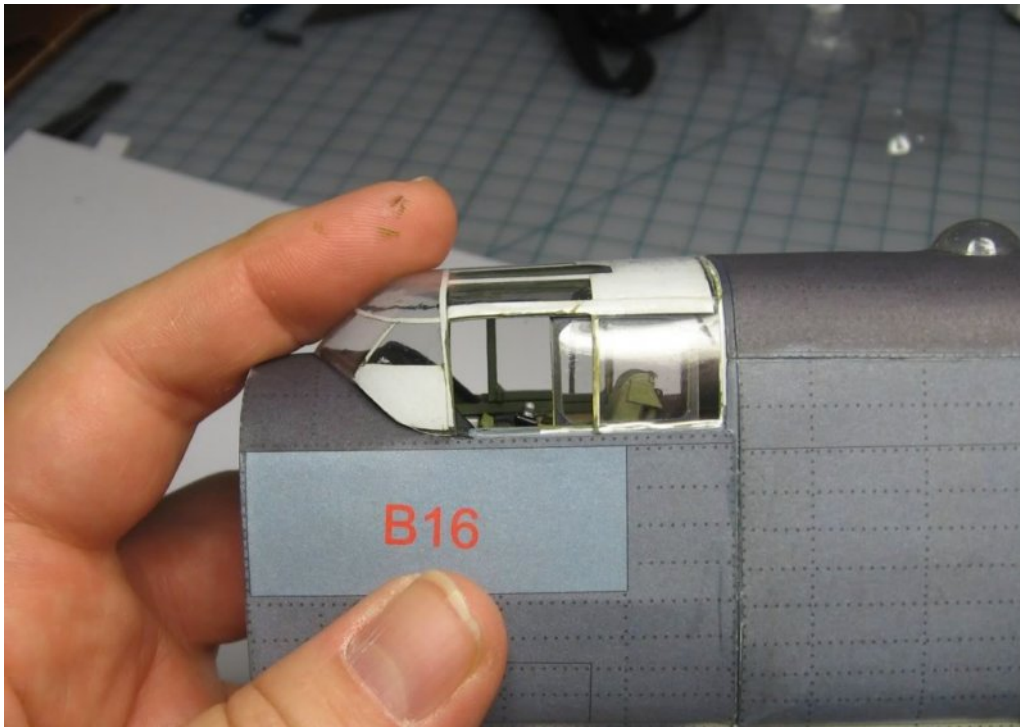


And of course the "how's it look on the model?" shots:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x686.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x723.



Hopefully you can see the green flange on the edge of the panel.

Just about ready to attached this canopy for good (huzzah!!)....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-23-2010, 08:29 PM



Papercut
Member

#874 (permalink)

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

The canopy is a model unto itself! But the scale hand is so life like 🐶, is there no end to your abilities. 😊 Rick



01-23-2010, 08:34 PM

cmdr199212

Member

🐶 lifelike!

#875 (permalink)

Join Date: Jul 2008
Posts: 81



01-23-2010, 09:40 PM



flying rasta
Member

#876 (permalink)

Join Date: Aug 2009
Posts: 121

Smartarse!....**snickering**..I third that!..impressive though..

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



01-23-2010, 10:41 PM



willygoat
Member

#877 (permalink)

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,297

You must have used a very sharp blade not to tear that sticker paper. That stuff is pretty flimsy. The glass looks great!!! Can't wait to see the outer frame in place.



01-24-2010, 04:36 AM

#878 (permalink)



smyfe
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 233

Beyond gobsmacked 🤔🤔, how can this keep getting better 🙏
best wishes
Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS



01-24-2010, 07:07 AM

#879 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **smyfe**
*Beyond gobsmacked 🤔🤔, how can this keep getting better 🙏
best wishes
Mick*

and Mikes just fooling here... you wait til he gets serious 😊 Yabadabadoo tis a wonderful piece of work for sure Sir Mike 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-24-2010, 03:13 PM

#880 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,440

Exceptional work on the greenhouse, Mike!

Don



Page 88 of 90 << First < 38 78 86 87 **88** 89 90 > ▾

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)



01-25-2010, 07:04 AM

[#881 \(permalink\)](#)



Bomarc
Member

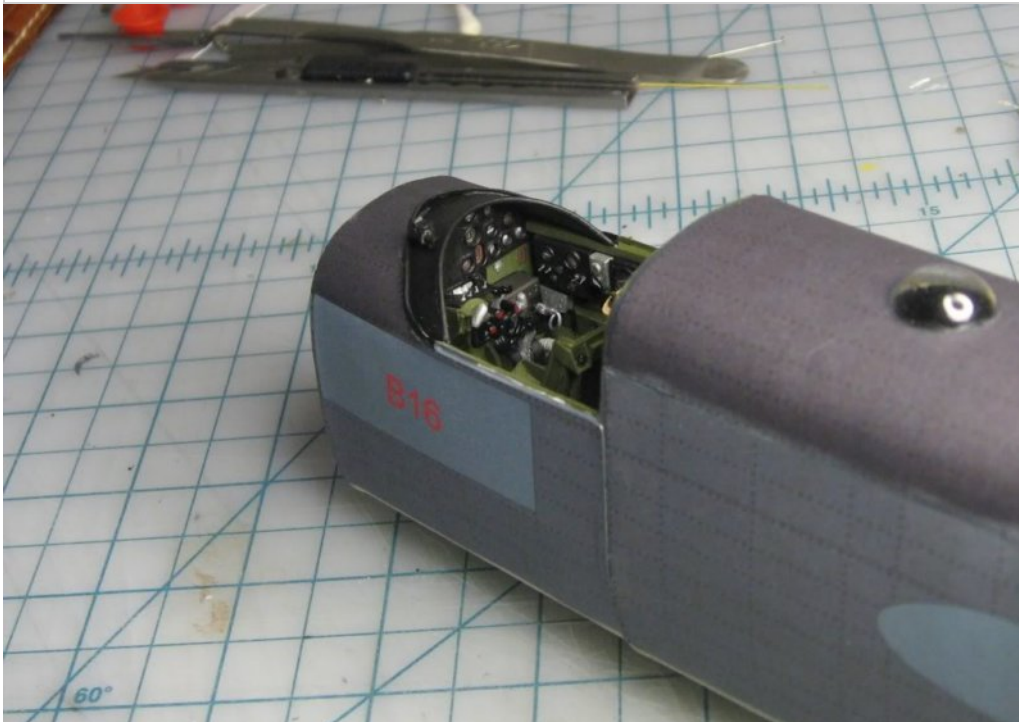
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Thanks guys.

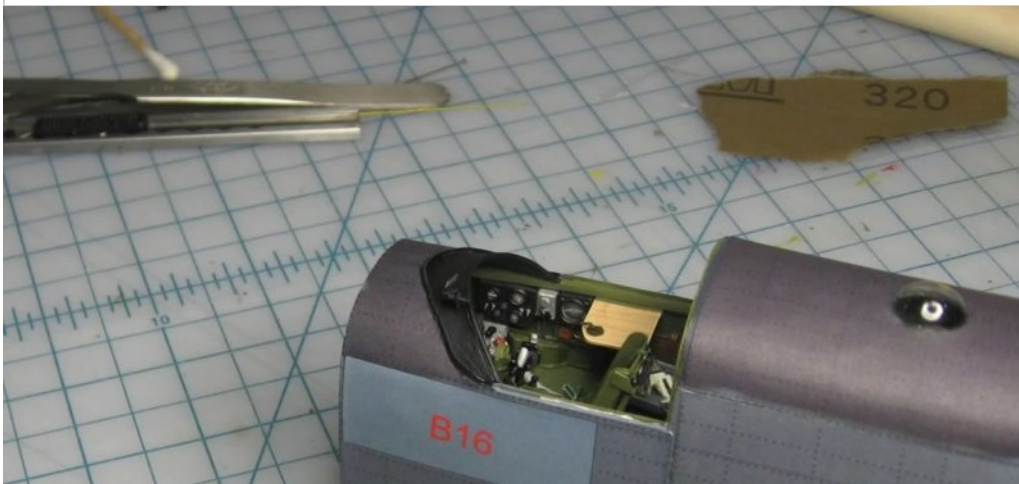
Well, finally, the canopy is in place for good. No more gigantic helping hand to have to hold in place for pictures.

Some last minute things for the cockpit. Gun sight (now with reflector) has returned. I superglued that puppy in, so it's not going anywhere. A few touch-ups with paint, permanently affixed the control column (it was flopping around in there), and some general housekeeping. Here's the last looks of the cockpit before it's covered up for good:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.

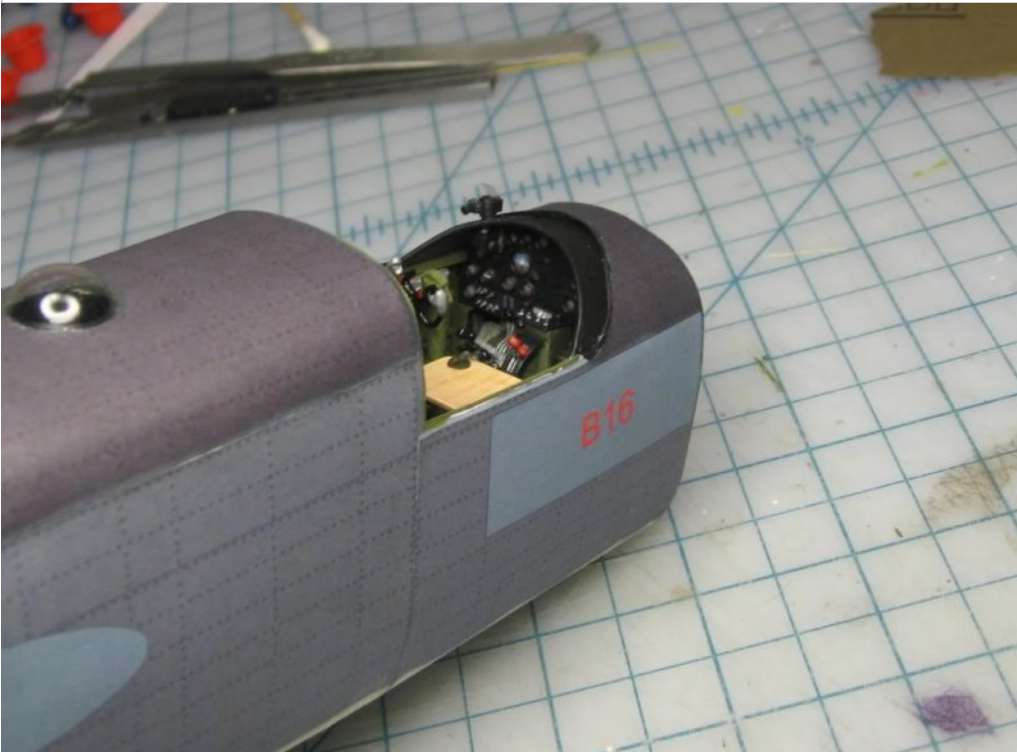



This image has been resized. Click this bar to view the full image. The original image is sized 1023x752.

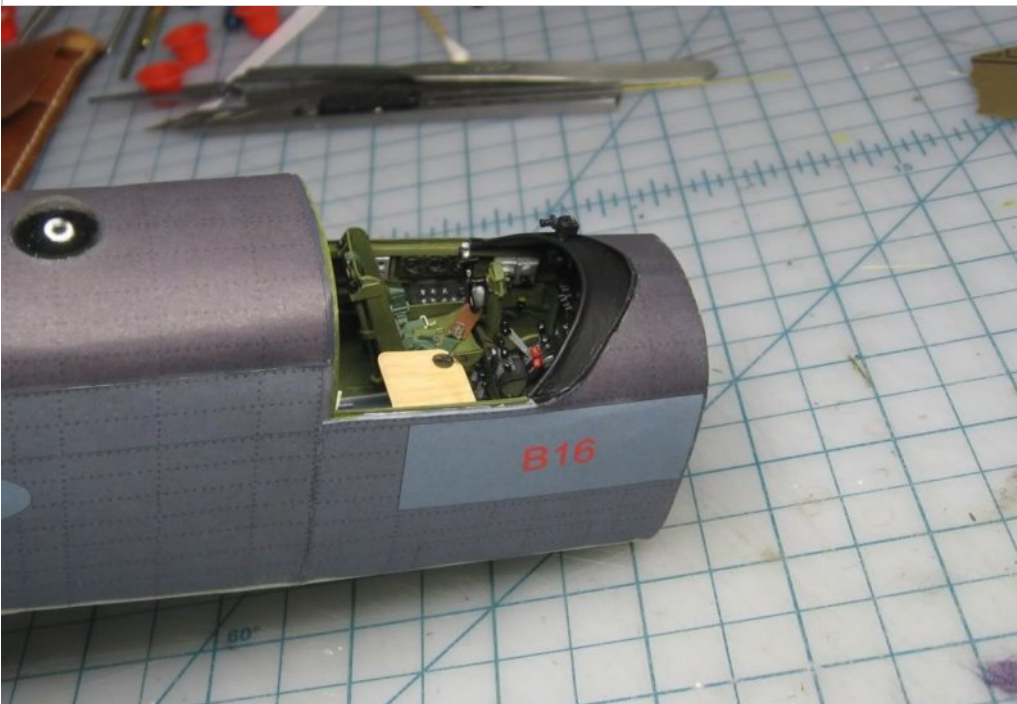





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x753.

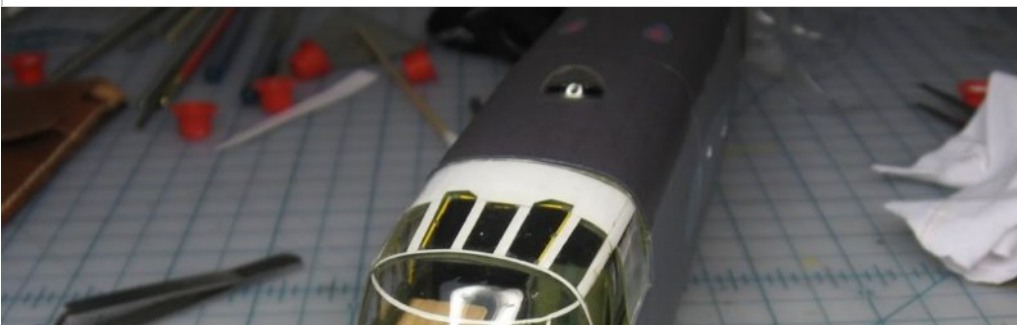


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700.




And with the canopy firmly glued in. The gun sight fits well under the "glass":


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746.

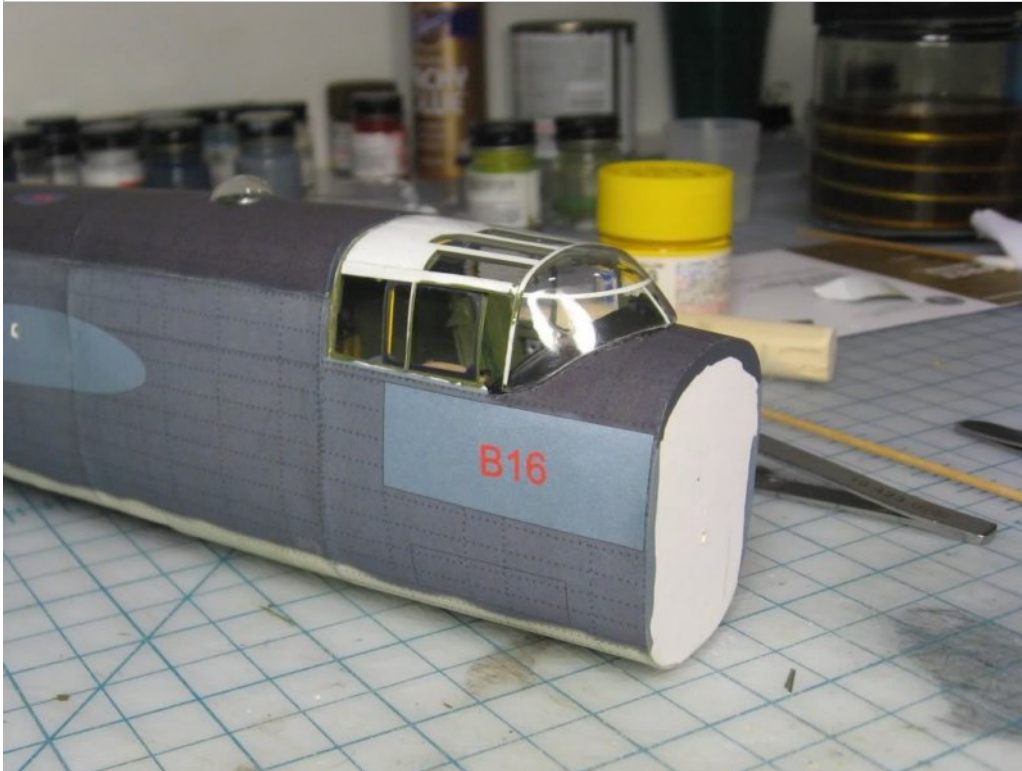





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x706.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x771.

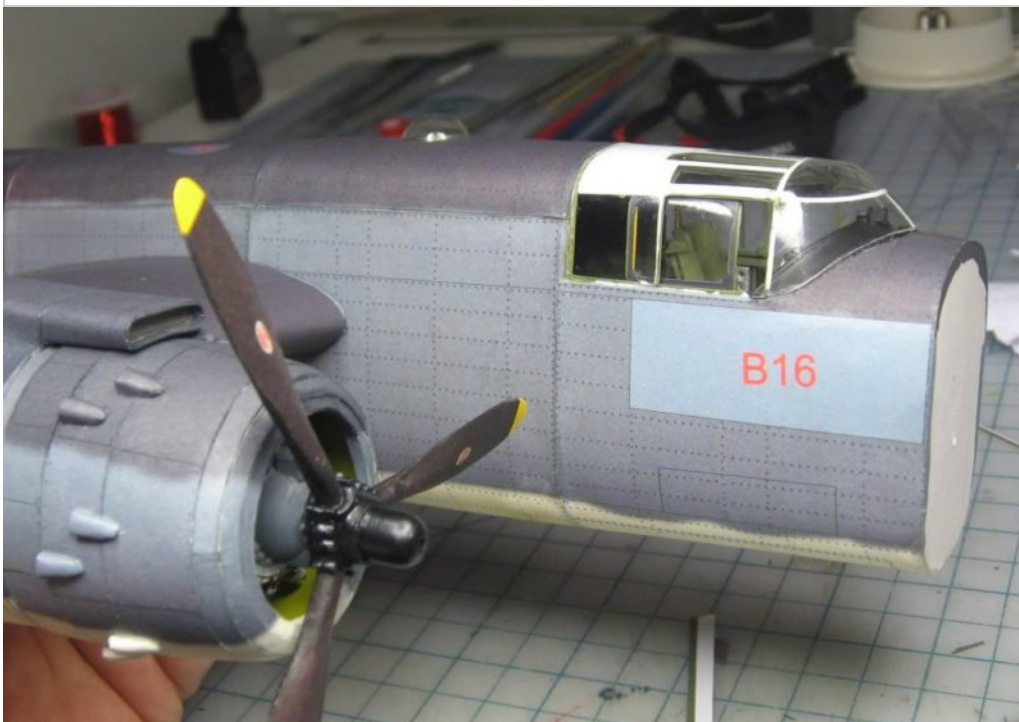


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717.



Remember some of these parts? They seem to all work well together :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.



Seems so long ago now.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator here: <http://p51sig.ipbfree.com/index.php>



01-25-2010, 07:51 AM



willygoat
Member

#882 ([permalink](#))

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,297

That look awesome! I can imaging seeing that thing flying in at an airshow.



01-25-2010, 09:31 AM

#883 (permalink)



flying rasta

Member

Join Date: Aug 2009
Posts: 121

i have to keep reminding myself this isn't a restoration project... but a card model... but the lines are certainly blurred.. sliding panel...wow. thanks mike.

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



01-25-2010, 09:45 AM

#884 (permalink)

cmdr199212

Member

Join Date: Jul 2008
Posts: 81

again, excellent work!



01-25-2010, 09:50 AM

#885 (permalink)



peter taft

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,167

Quote:

Originally Posted by **cmdr199212**
again, excellent work!

A very big **2nd** to that 😊

**A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
Fandersons are everywhere**

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



01-25-2010, 05:18 PM

#886 (permalink)

Wily

Member

Join Date: May 2009
Posts: 168

I love this guy.

wily

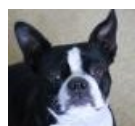
"I interview WW2 pilots and draw their airplanes."

www.ww2fighters.blogspot.com



01-25-2010, 07:14 PM

#887 (permalink)



Papercut

Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,187

Soooo 😊 impressed by your work and the quality of the kit, ordered one last week, came in today's mail. I also have several kits that will benefit from the scan I will make of the engine parts to replace the dismal one's that came w/them! The canopy is just the bomb and I do hope you make available a complete vac'd canopy set at some later date. I saw that 1st class vac machine you made and many here would more than be willing to pay for your handy work @ vacu-forming. I am one of those fellas that is old enough to have had a Mattel one (vac machine) many, many moons ago and do so wish I still had one today 😊.Rick



01-25-2010, 07:45 PM

#888 (permalink)

kenwest

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 366

Mike,

I am glad you posted those final shots of the interior before permanently closing the canopy. This has to be the most beautifully detailed cockpit ever! I actually felt like someone just closed the lid on a casket!

This has been a record setting build - that's for sure! I can't wait for the finish and see this aircraft in full glory!

Great Job!

Ken



01-25-2010, 08:47 PM

#889 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 538

Rick, if/when you decide to build that beast, contact me, we'll work something out on the clear parts. No guarantee of fit though.....

Quote:

Originally Posted by **kenlwest**
I actually felt like someone just closed the lid on a casket!

I know Ken. It was kind of like saying goodbye to an old friend, right? There's lot to see in there still....

Well I have to say that framing the outside of this canopy has got to be the most tedious operation I've encountered in this whole project. I took the Major's advice, and "skinned" the parts to make them really thin, then painted out the white on the back side:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x688.

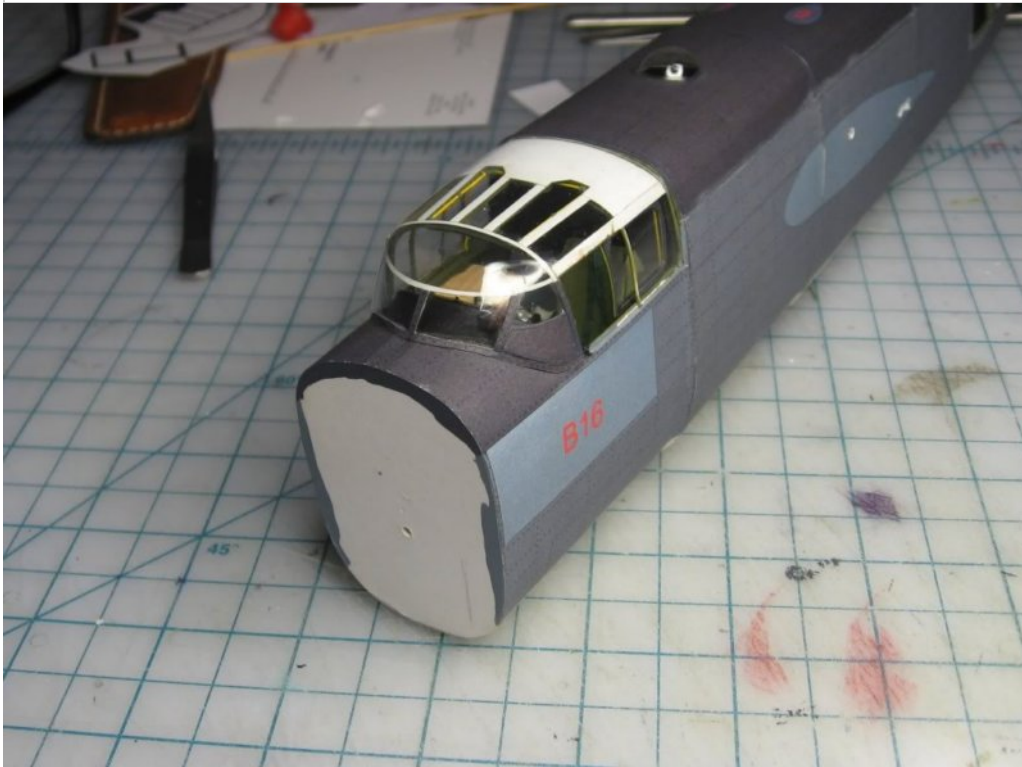



This image has been resized. Click this bar to view the full image. The original image is sized 1023x718.

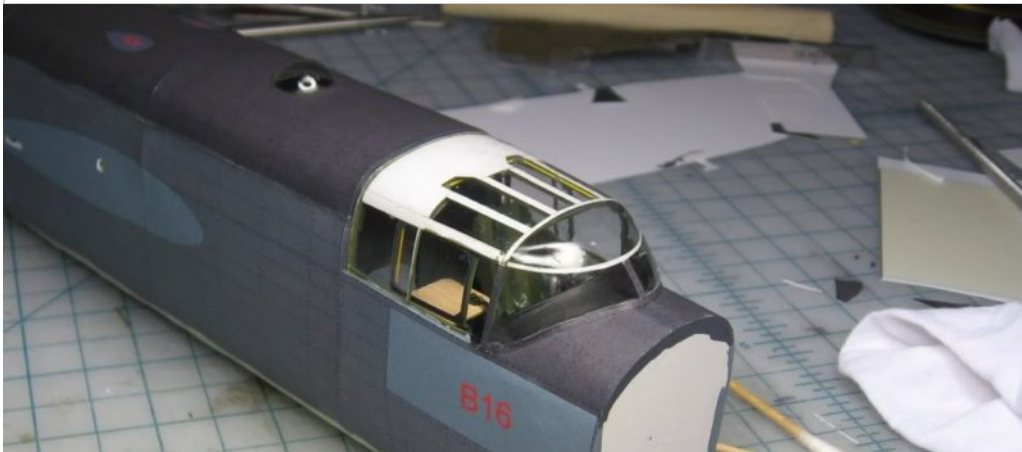


But like I said, really tedious. This is all I have to show for tonight's work:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x763.

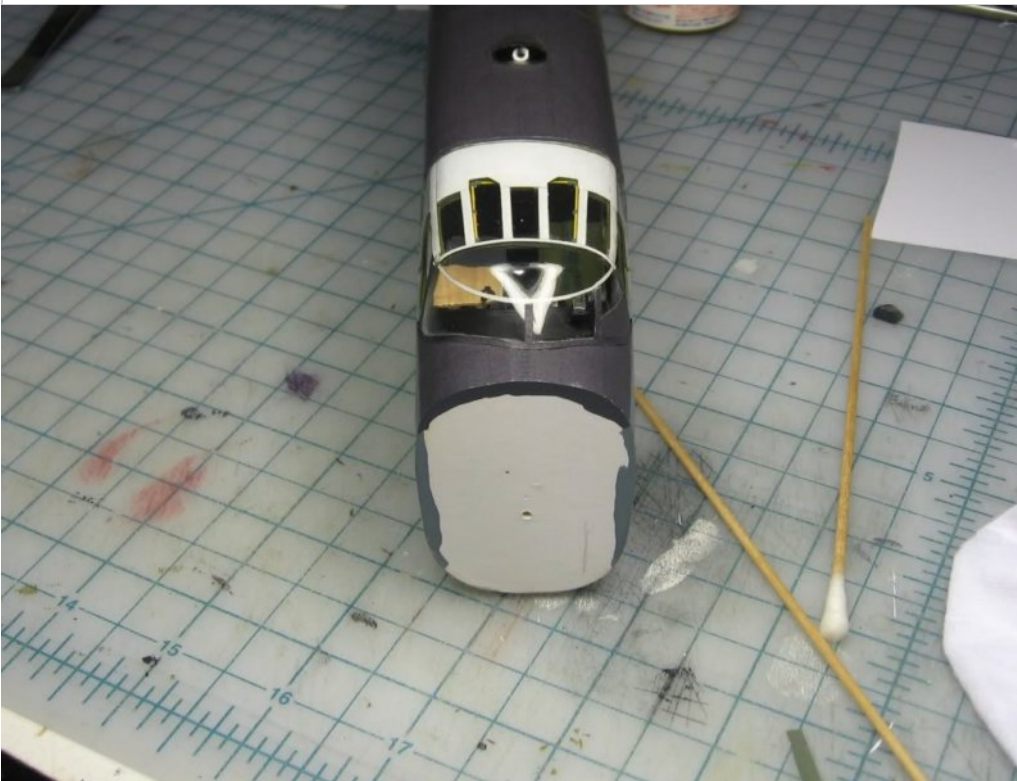



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x731.

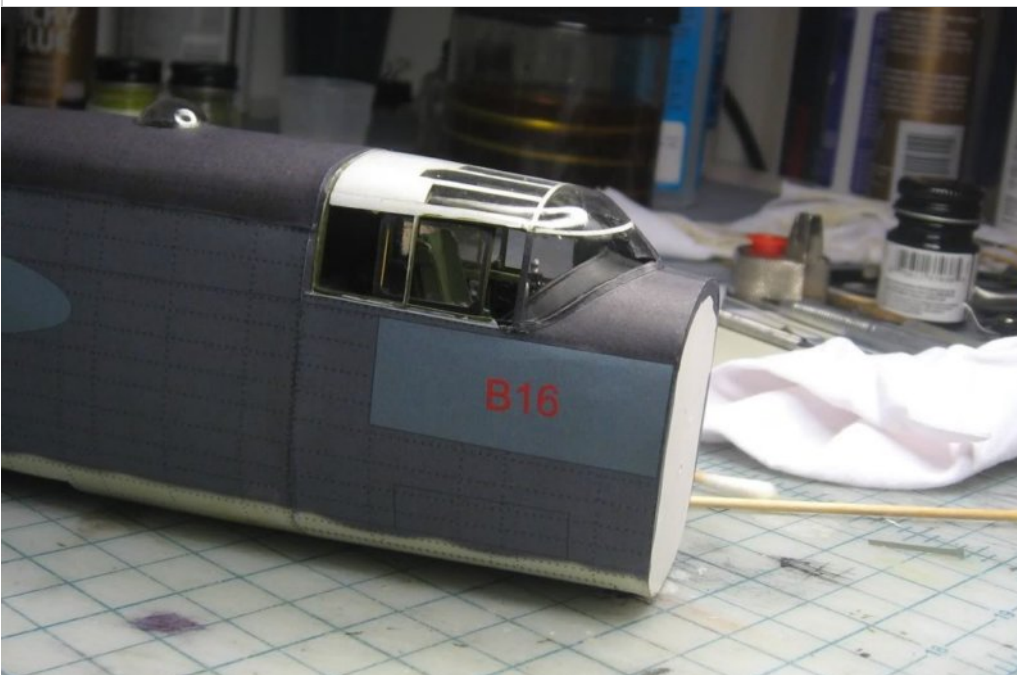




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x672.



But I like the technique. The combination of the thinned paper, moistened by the glue, makes things like that "eye patch" on the pilot's side conform to compound curves easier. Thanks Major!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator here: <http://p51sig.ipbfree.com/index.php>



01-26-2010, 09:56 AM

[cmdr199212](#)

#890 ([permalink](#))

Join Date: Jul 2008
Posts: 81

Member

:rubs hands in anticipation : Oh lala! I can't wait! :drool:



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules 

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:29 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

Welcome, **medved**.
1626 Unread Posts since your last visit.
You last visited: 03-06-2010 at 07:00 PM
[Private Messages](#): Unread 0, Total 56.

[User CP](#)[FAQ](#)[Community](#) ▾[Calendar](#)[New Posts](#)[Search](#) ▾[Quick Links](#) ▾[Log Out](#)[Post Reply](#)Page 90 of 100 << First < 40 80 88 89 **90** 91 92 > Last >> ▾[LinkBack](#) ▾ [Thread Tools](#) ▾ [Search this Thread](#) ▾ Rating: ★★★★★ ▾ [Display Modes](#) ▾

01-26-2010, 05:18 PM

#891 ([permalink](#)) **flying rasta** 
MemberJoin Date: Aug 2009
Posts: 175

somebody pinch me and say...."back to work!"....lost about 1/2 hour productivity time...(depends on how you look on it)
...sigh....

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

[Quote](#)  

01-26-2010, 06:00 PM

#892 ([permalink](#)) **peter taft** 
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

I let it be known to Mike several pages ago of my love of cockpits, and his reply was something like... Better do this right, Pete's watching - Well Mike you didn't just do it right... you did it RIGHT ! the extra miles you went to give this, YOUR BABY, are very many, and like said here so so many times by myself and the other guys who have been and still are following this build - The BEST COCKPIT EVER,

EVER !

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rgu52si0Fzk>

[Quote](#)  

01-26-2010, 06:01 PM

#893 ([permalink](#)) **Wyvern** 
MemberJoin Date: Jul 2009
Location: North Florida, USA
Posts: 1,192

Haven't visited this thread in a long while... Mike, this continues to take my breath away.

Wyvern

[Quote](#)  

01-27-2010, 01:19 AM

#894 ([permalink](#)) **flying rasta** 
MemberJoin Date: Aug 2009
Posts: 175

sorry mike...visited this thread at least two dozen times expecting some more pics....ummm ...is there any more pics?

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??

[Quote](#)  

01-27-2010, 03:19 AM

#895 ([permalink](#)) 



Quote:

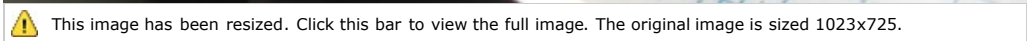
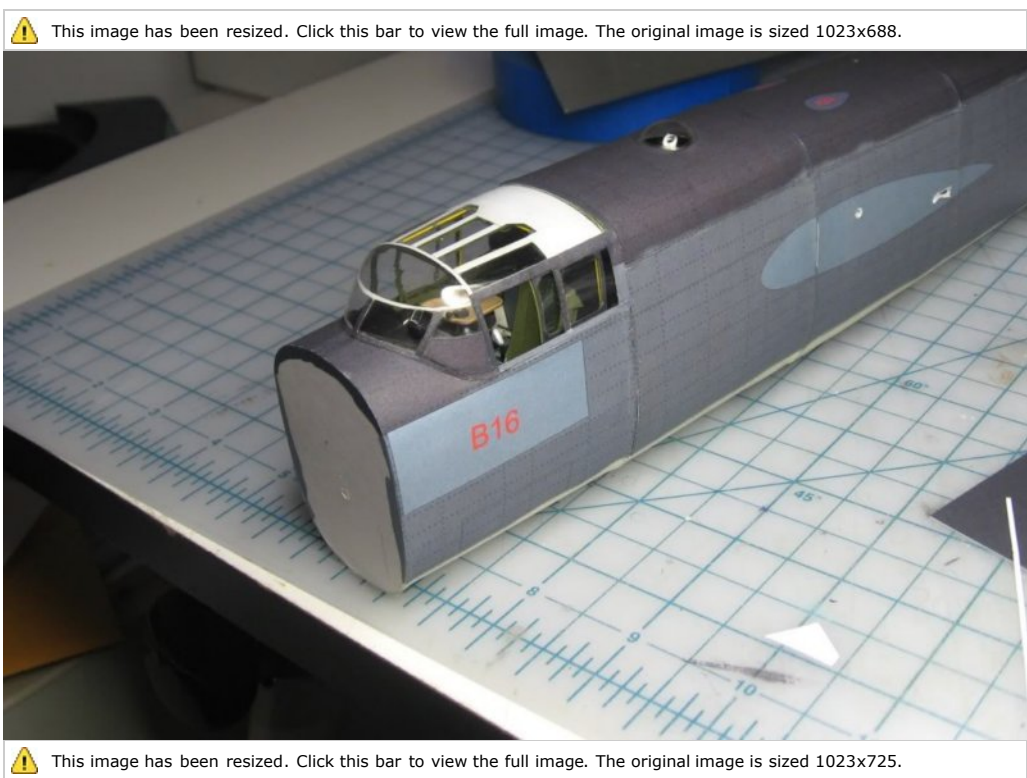
Originally Posted by **flying rasta**
sorry mike...visited this thread at least two dozen times expecting some more pics....ummm ...is there any more pics?

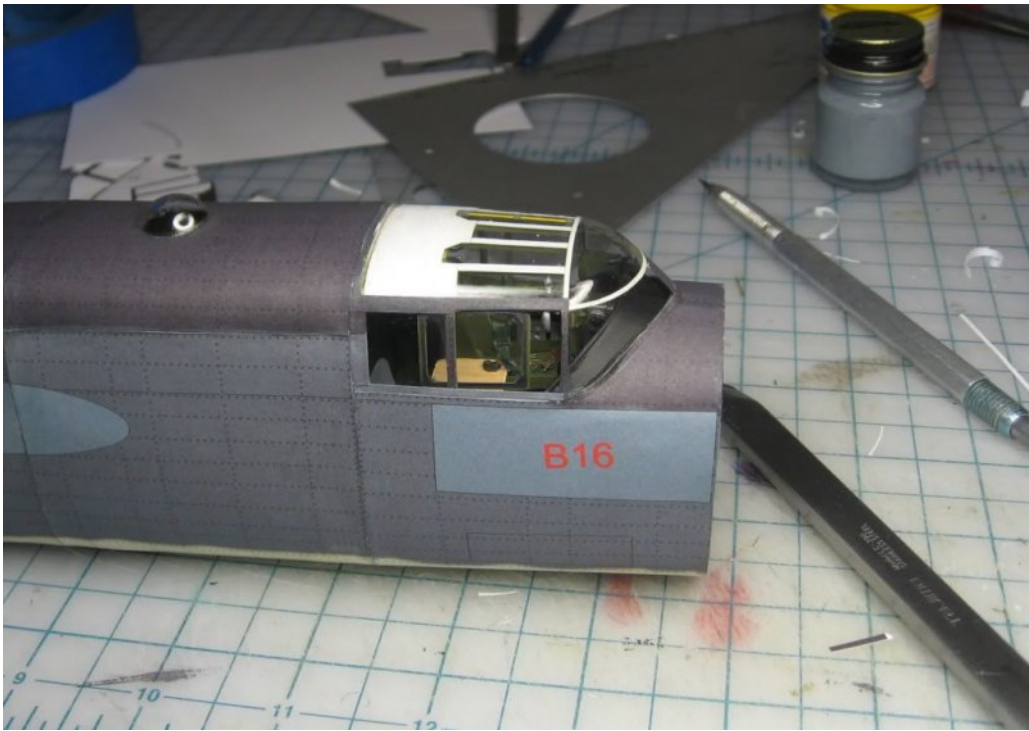
Jeeze Rasta-mon, what are you going to do when this thing ends? I wouldn't want you to go through withdrawal.....

Anyway, work on the frames continues. Orlik didn't consider (or didn't care) that the two tone camo runs through the middle of the canopy. They made the entire kit frame dark blue. Since I was cannibalizing the kit frames and scratching the rest, I took advantage of the side by side printing of the kit supplied color swatches:




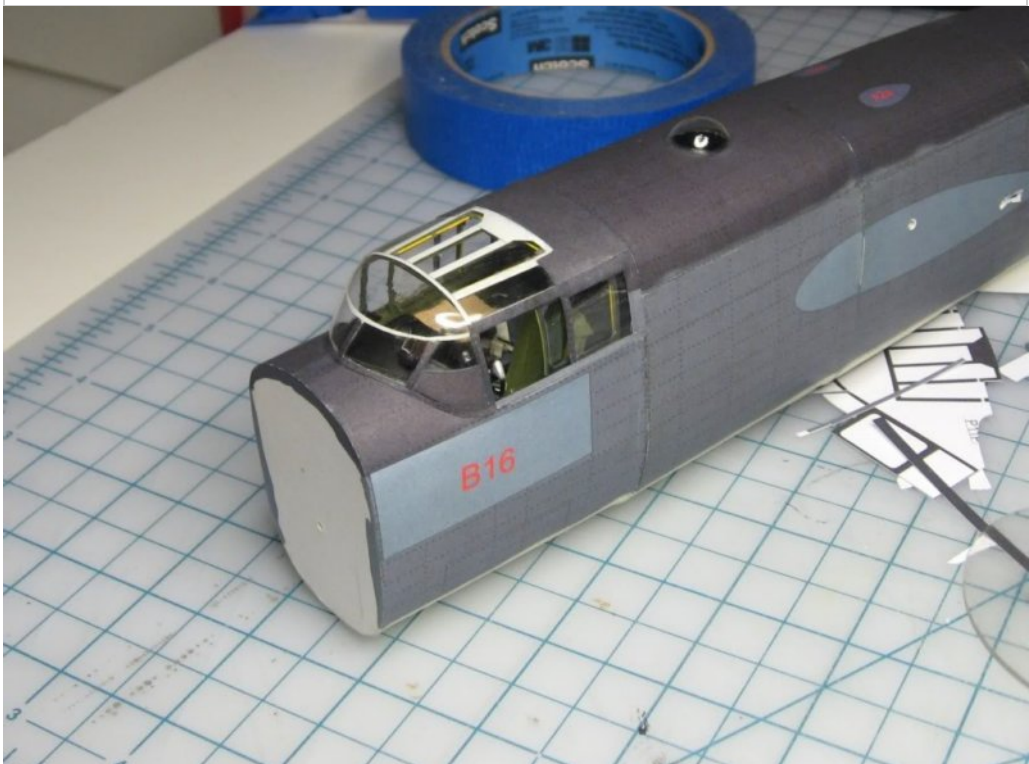
Sides on first:




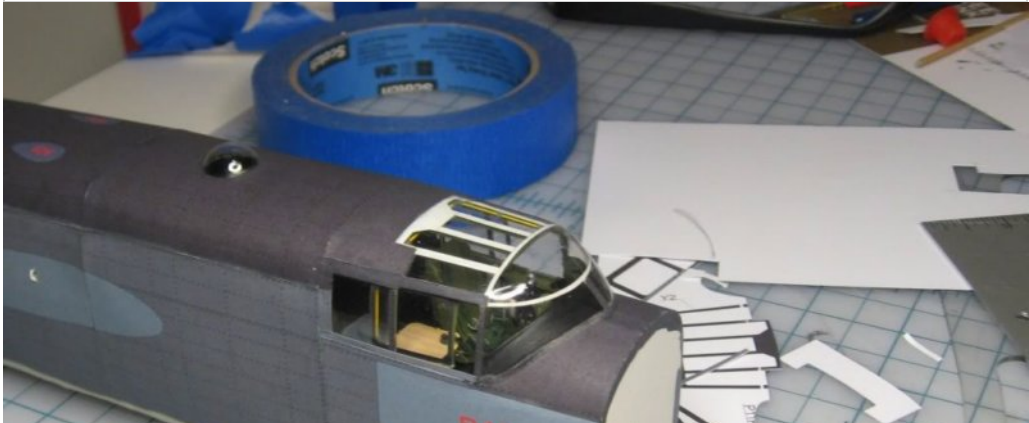


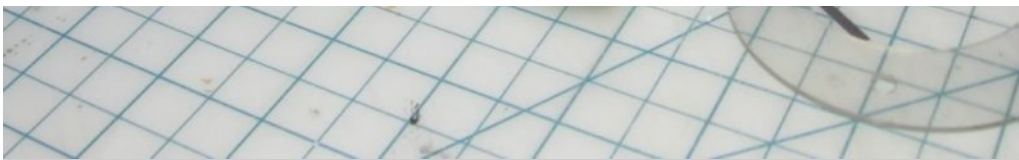
Note the rear frame with the color division, which is straight now, but some paint will help blend things in. The rear roof was next:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x760.

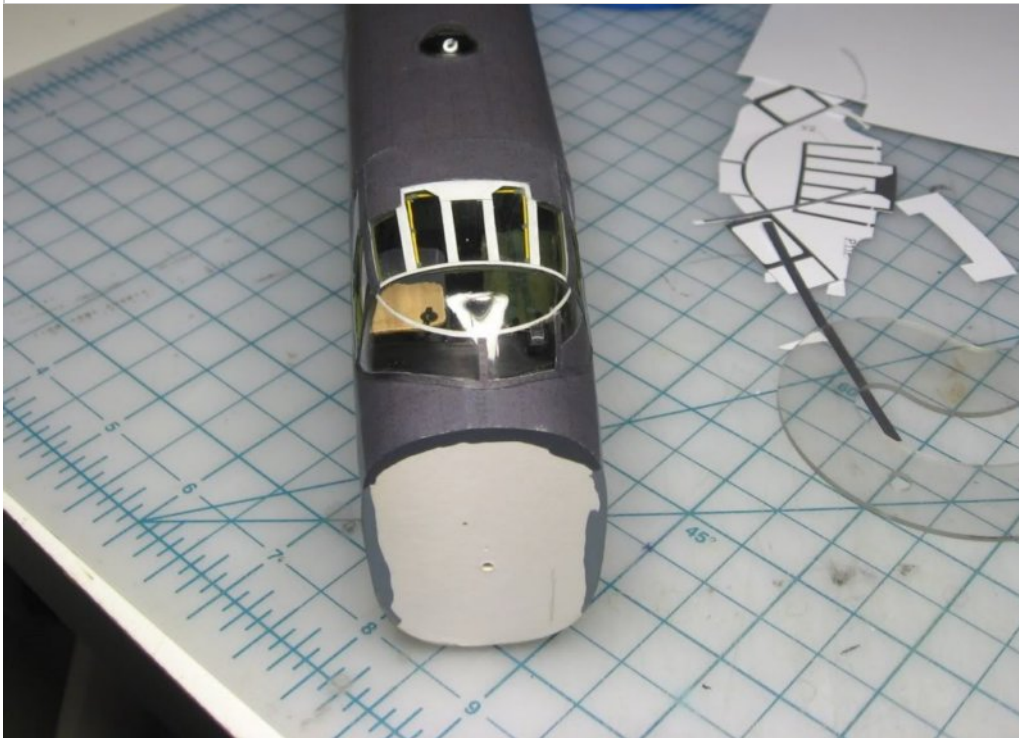


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x725.




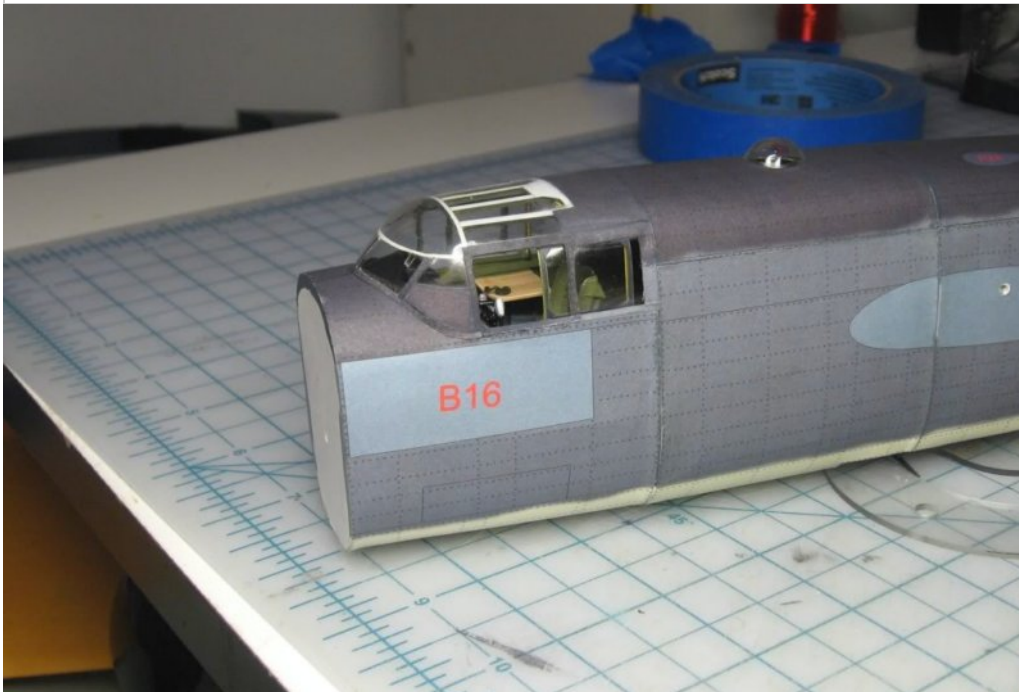



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x735.

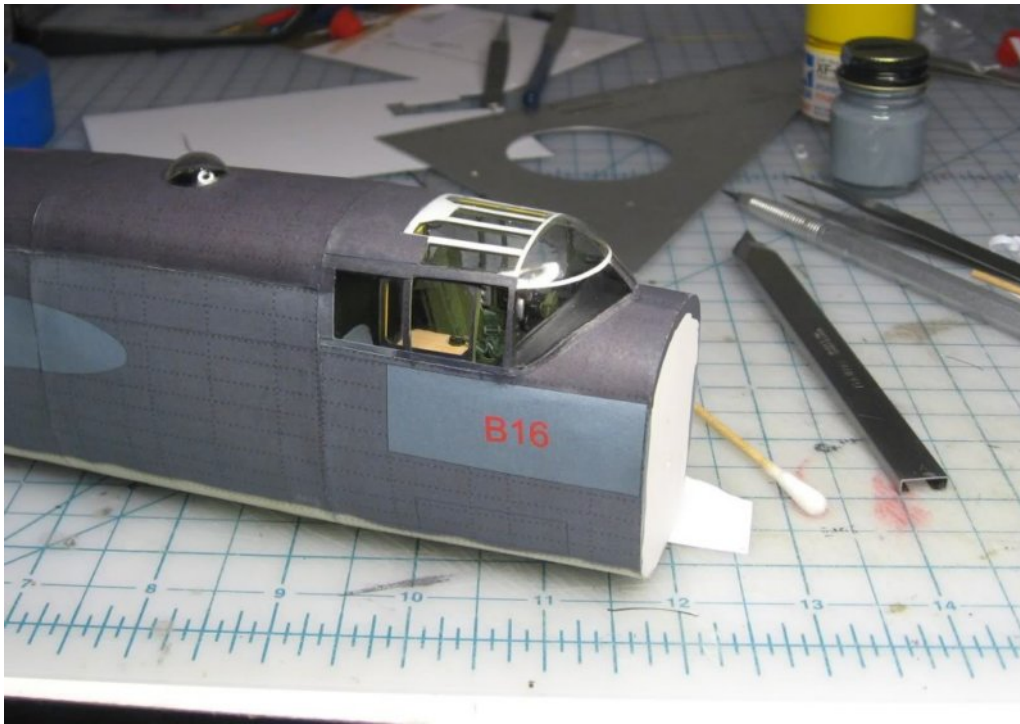


Starting to look like it's part of the airframe and not just plopped on. Some touch-up paint to blend things in, and I can now tack the bottom of the side panels so they're not flopping about:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x690.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719.



Rest of the roof with the escape hatch tomorrow if all goes well.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



01-27-2010, 03:49 AM



willygoat
Member

#896 ([permalink](#))

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,382

Oooooo. That's looking smooth Mike. Very nice indeed



01-27-2010, 03:58 AM



flying rasta
Member

#897 ([permalink](#))

Join Date: Aug 2009
Posts: 175

thank you..thank you...now i can sleep..pity i am gonna miss this thread for a few days ..i have Air Jamaica Jazz and Blues Festival working at...please assemble all the pics you have posted and make it into a manual to place beside model...the model is indeed superb..but it is the care and dedication throught the build that makes this model stellar...many people will be blown away by the process..and inspired..something to think about.

to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



02-20-2010, 10:40 AM



medved
Member

#898 ([permalink](#))

Join Date: May 2009
Location: South of Heaven
Posts: 139

Close but no cigar...

The server must have gone down soon before I tried to log in to update my ongoing pdf-alization of the thread (I'd logged in only an hour previously OK) - subsequently I failed to get the missing pages in time I only have up to p. 90.

I trust air marshal Bomarc will have the pics but as to the text... Could be a lot of work to resurrect the missing details.

More seriously the monitoring of the number of "Wow's" in the thread has been disrupted.... now how are we supposed to accurately analyze the all-important wow-factor!?

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)



02-20-2010, 01:02 PM

#899 (permlink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Quote:

Originally Posted by **medved**

The server must have gone down soon before I tried to log in to update my ongoing pdf-alization of the thread (I'd logged in only an hour previously OK) - subsequently I failed to get the missing pages in time 🙄😞 I only have up to p. 90.

I trust air marshal Bomarc will have the pics but as to the text... Could be a lot of work to resurrect the missing details.

*More seriously the monitoring of the number of "Wow's" in the thread has been disrupted.... **now how are we supposed to accurately analyze the all-important wow-factor!?***

Given the amount of pages and the entries per page X by at least 5 WOWS per page.... and add this WOW too..

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



02-20-2010, 04:00 PM

#900 (permlink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Welcome back everyone!

Glad the forum team was able to pull our beloved hangout from the ashes. Lots of catching up to do. Happily (and we have Mr. Taft to thank for this as he was the one who encouraged me to do it) I started a parallel thread on Zealot. Sadly, some great exchanges in this thread are lost (like the one about various glues etc.), but no mind. Let the rebuilding begin!

Mega-blast of posts to follow in the next few hours....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 02-20-2010 at 04:31 PM.



Page 90 of 100 << First < 40 80 88 89 **90** 91 92 > Last >>

Tags [Edit Tags](#)
None

Quick Reply

Message :

PaperModelers.com > Card Models > Model Builds > Aviation
 Orlik PBJ-1H Mitchell

User Name User Name Remember Me?
 Password

Register

FAQ

Community ▾

Calendar

Today's Posts

Search

 Page 91 of 100 « First < 41 81 89 90 **91** 92 93 > Last » ▾

LinkBack ▾ Thread Tools ▾ Display Modes ▾

02-20-2010, 10:09 AM

#901 (permalink)




Bomarc
Member

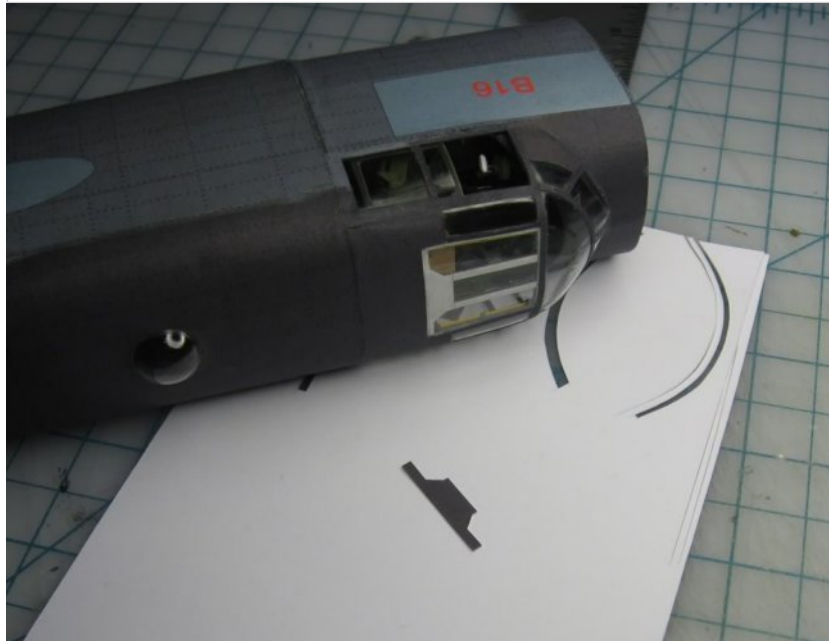
Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 629

Ok Let's see if this works. This should be where we last saw our hero.....


Finished up with framing the canopy. Here's a quick tute' on how I manage this mess.

Starting with the rear of the escape hatch, the first step is to cut out the part and trim to the right size. The kit's part provided the basic pattern, adjusted to fit this model:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x789 and weights 63KB.

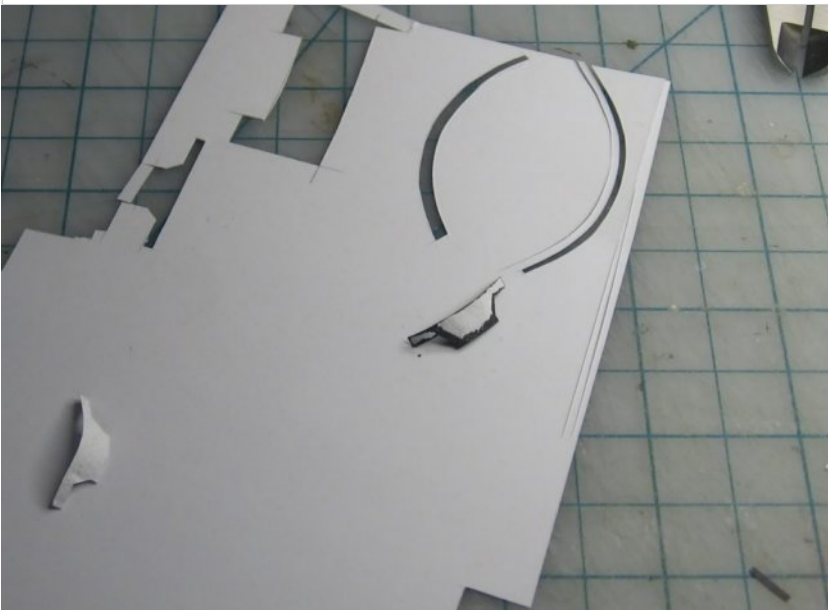


Peel apart the back layer of card (a la Major D.'s tip), and color the edges to get rid of the white:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x760 and weights 62KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x748 and weights 56KB.




Plain old Elmer's applied to the back:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717 and weights 77KB.




Then fit in place. Egads!!! What a mess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709 and weights 97KB.




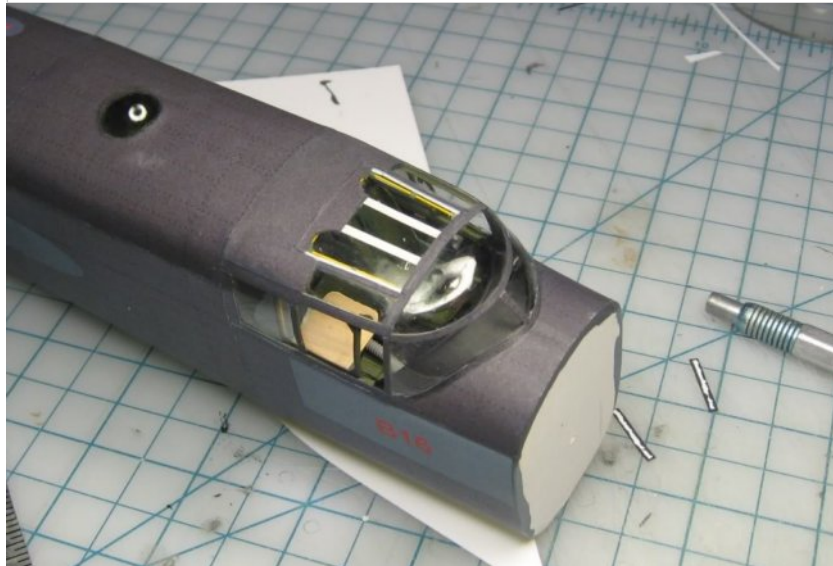
Not to worry. Wipe off the excess with a moistened cotton bulb:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x738 and weights 69KB.




Buff up the "glass" (I use an old t-shirt), good to go:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696 and weights 98KB.

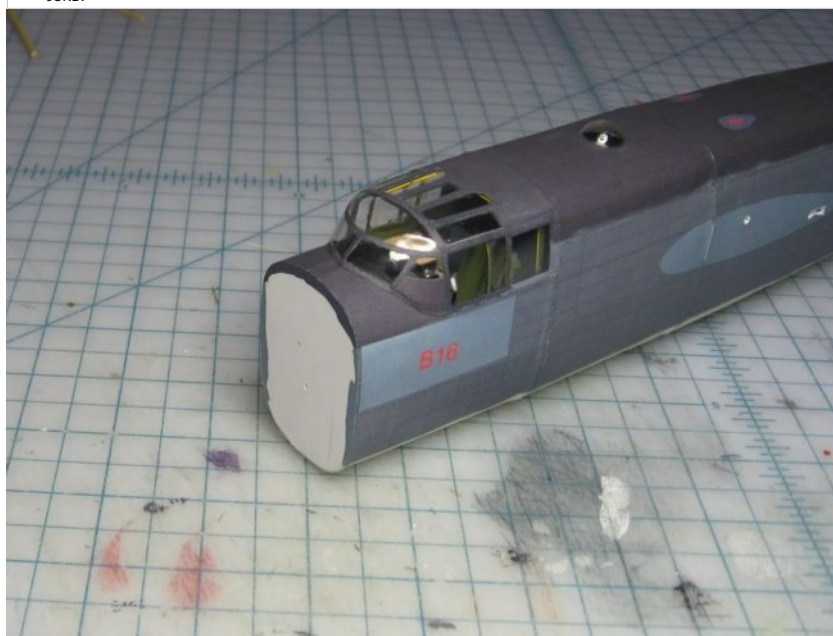



Went ahead and applied the remaining frames, did some buffing, touch-up paint, and I'm officially calling the cockpit/canopy DONE:

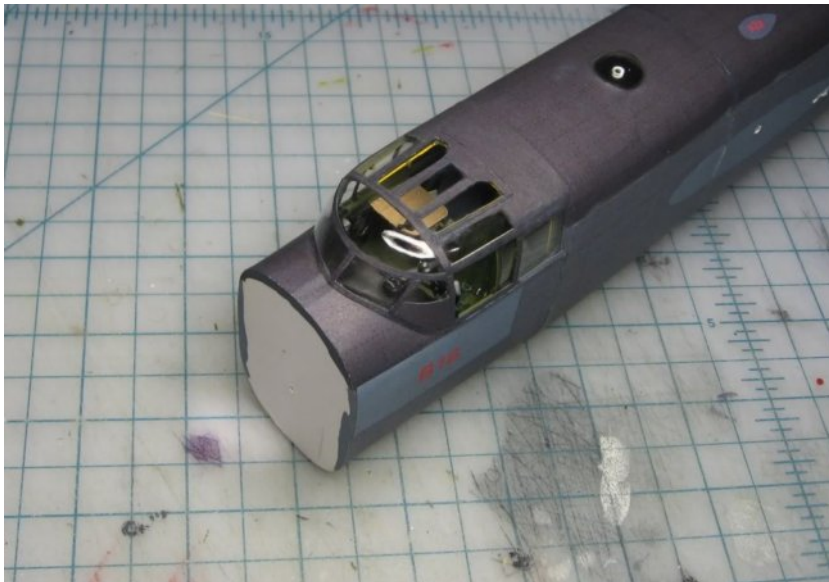
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x773 and weights 101KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x779 and weights 95KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x714 and weights 100KB.



Aft fuselage with tail gunners station next!

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 10:17 AM

#902 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Mega Blast

Quote:

Originally Posted by **Bomarc**
Welcome back everyone!

Glad the forum team was able to pull our beloved hangout from the ashes. Lots of catching up to do. Happily (and we have Mr. Taft to thank for this as he was the one who encouraged me to do it) I started a parallel thread on Zealot. Sadly some great exchanges in this thread are lost (like the one about various glues etc.), but no mind. Let the rebuilding begin!

Mega-blast of post to follow in the next few hours....

Mike

Mega Blast.....Mega Blast..... Keep 'em coming sir 🍀

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



02-20-2010, 10:20 AM

#903 (permalink)

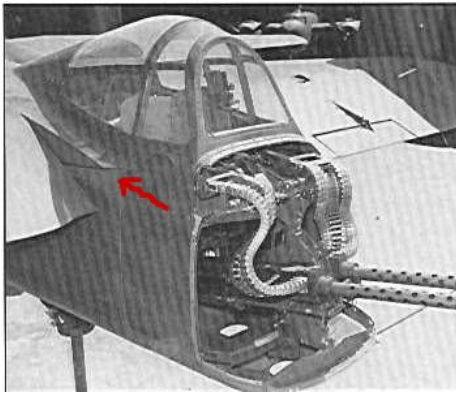


Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

The tail end has started as a slow burn. I was hoping to just build it straight out of the "box" (or booklet I guess), using the Orlik playbook throughout, but a check of references (always with the damn references) means I have some work to do.

Also, I realized that this would be the last major assembly that requires finessing, cajoling, and general tweaking to get things to blend in to match with the rest of the model. Yes, I still have the landing gear to do, but those are separate, stand alone components. Looking over the parts, Orlik didn't provided any parts to fair in the ends of the elevator, and only one piece for the stab. What that means is I'll have to attach the stabilizer as part of this whole assembly so I can scratch some elevator fairings (red arrow):

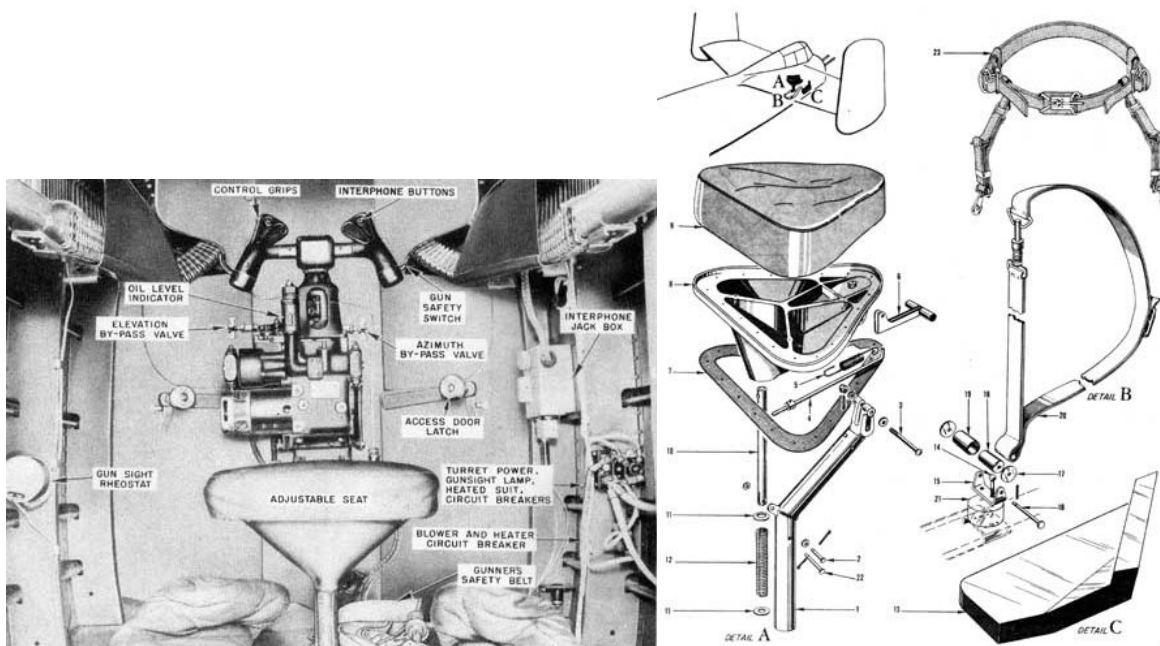


Another area is the seat. Here's the Orlik part (built before when I was making the other seats in the kit):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744 and weights 87KB.

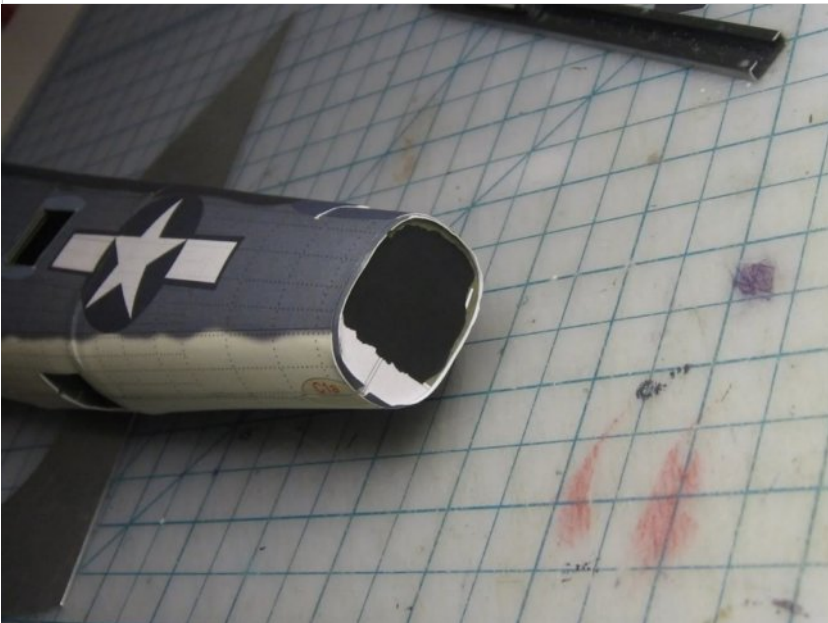


And the real deal:




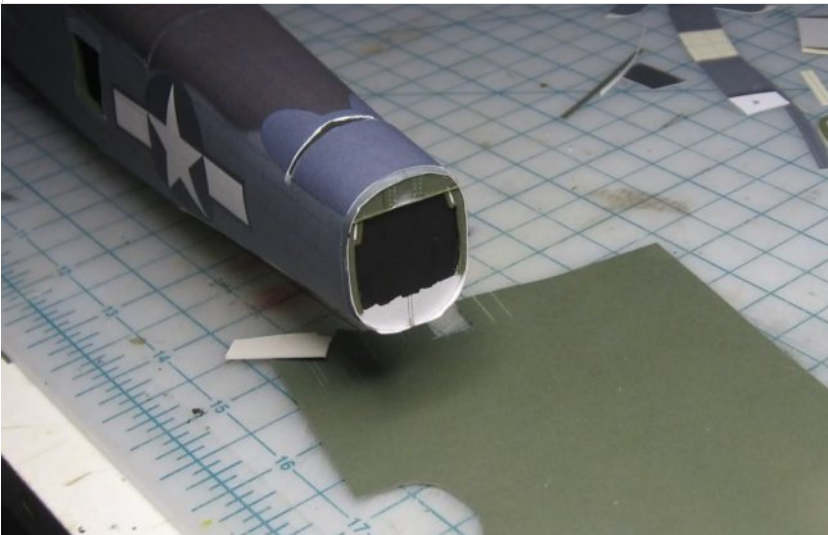
Little bit of a disconnect there. I think I know why Orlik used that high backed seat in this area. They made the fuselage formers solid under the stabilizer, when in fact the whole fuselage is open so the gunner can crawl back to his station. Using a high back seat would cover up the solid bulkhead, even though if that were the real setup, the gunner could never get into his seat! So I guess a new seat is in order. To simulate the pass through nature of the aft fuselage, I painted the offending bulkhead black:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765 and weights 82KB.

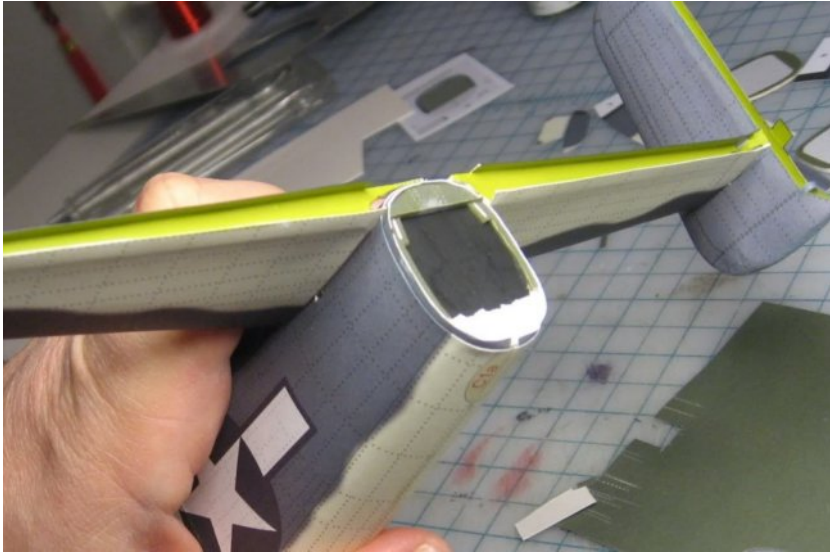


Then I created a new part to provide a relief of the former in that location, with some details to represent the stabilizer spar that runs through the top of the compartment:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x657 and weights 75KB.

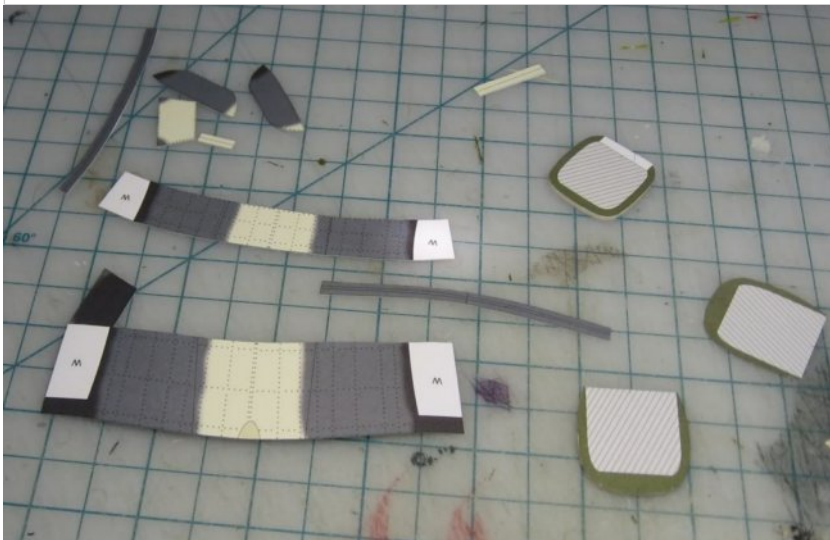


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x676 and weights 87KB.



Did I get the scuff right Mark? Should be enough to convey "open". Now I'm ready to roll the last fuselage skins:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x660 and weights 93KB.



Assembly for this section is identical to the main fuselage: Roll tubes, insert formers with flanges attached, join the assemblies together, then cut the top (argh!). If you're familiar with the fuselage assembly of this build, Orlik seems to have a fondness for building something up, then cutting it in half....

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 10:23 AM




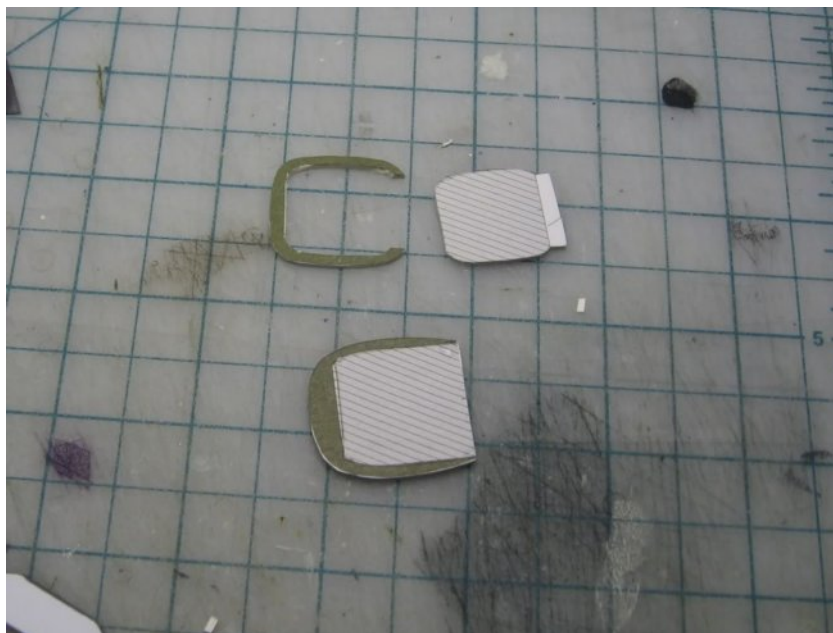
Bomarc
Member

#904 (permalink)


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

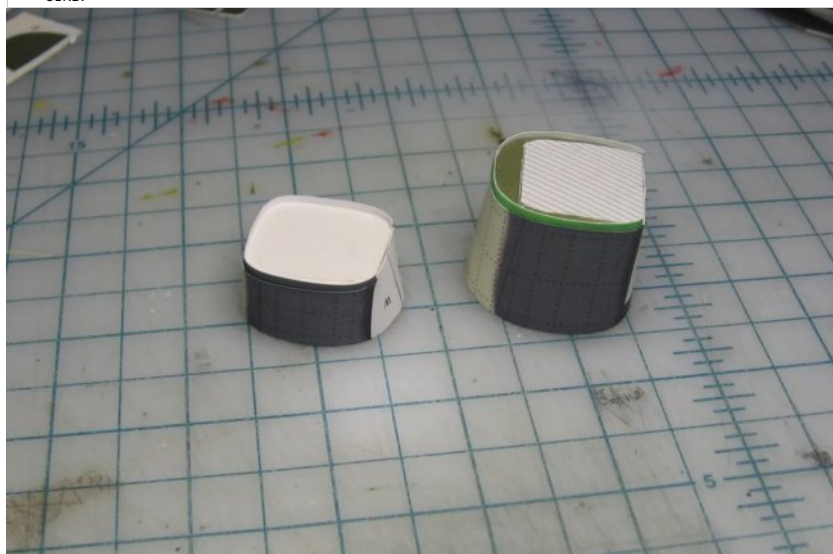
The two formers involved require a large chunk of material to be removed. I pre-cut these out and tack glued them back in place. This will give them some strength during assembly, but make it easier to remove the "knockout plugs" when I cut the opening in the finished component:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x777 and weights 94KB.




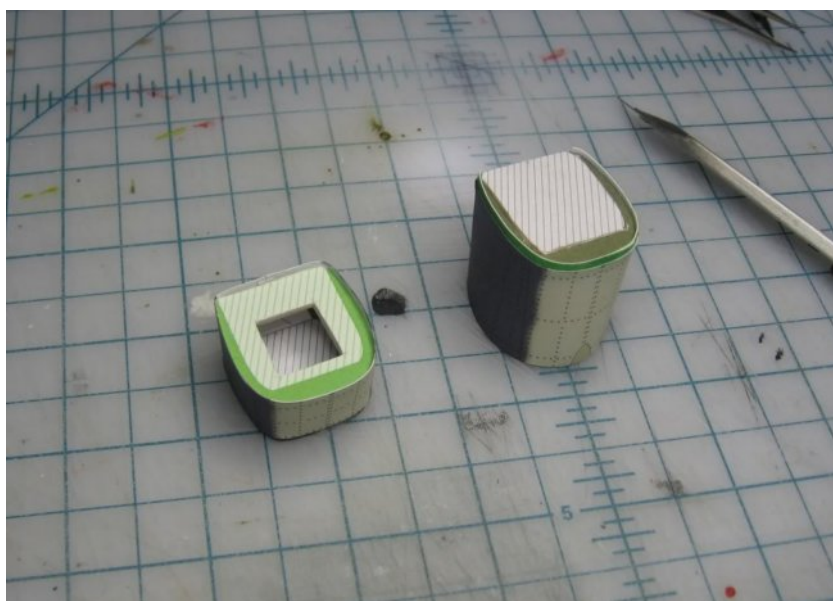
Added the connecting strips and glued to the end of the tubes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x677 and weights 81KB.




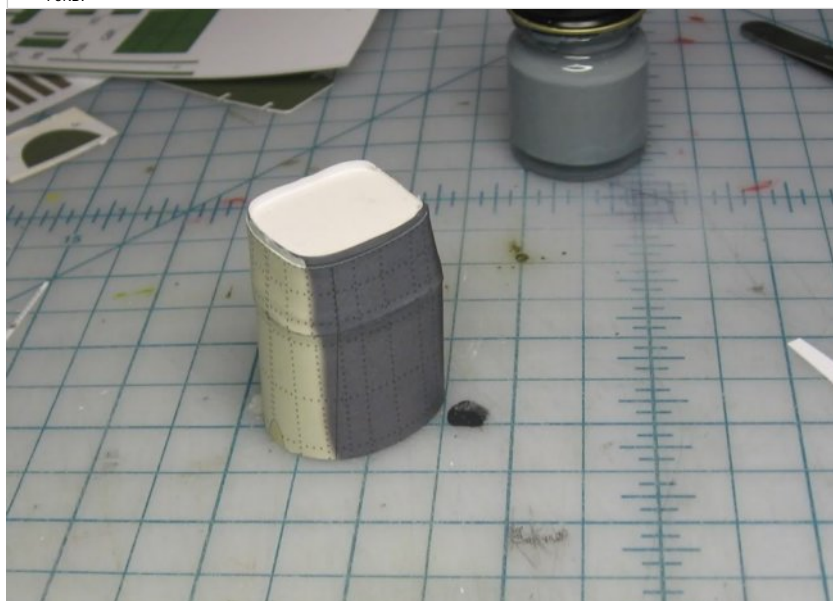
Forgive the lime green connecting strip on the larger piece. I had to print a replacement part, and my printer's print head needs cleaning, magenta being finicky. I also printed out another former, glued to mat board, to use as a dummy former to pre-shape the end before joining:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x734 and weights 93KB.




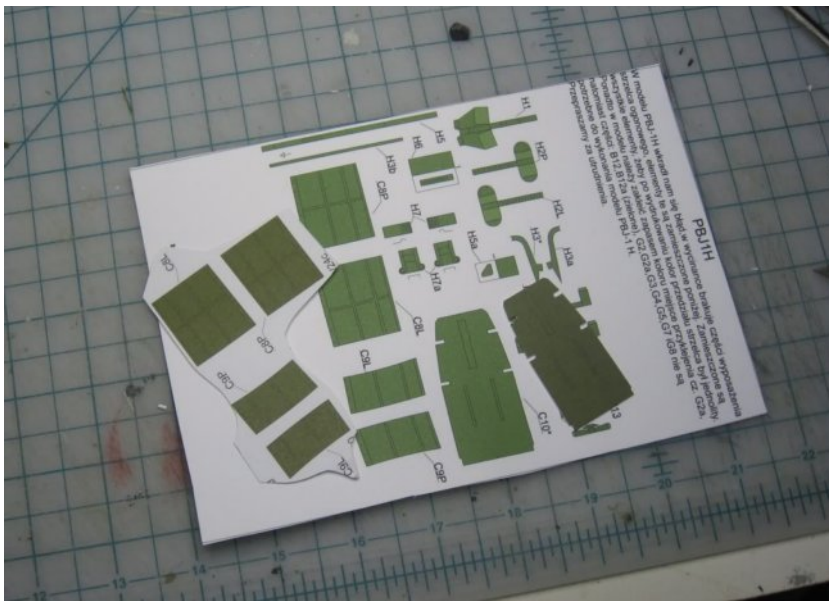
Once the top is cut out I can just discard the former. The parts joined:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x736 and weights 76KB.



Orlik failed to add some internal parts to the tail gunner compartment (gun mount, turret controls, etc.), which they provided as a download-able PDF file on their website:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x731 and weights 111KB.



Curiously, they included the compartment sides and floor, even though those were supplied in the kit. I going with the kit's parts, I think the two tones of green will add some visual interest, at least what will be able to be seen in there.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



02-20-2010, 10:29 AM



Bomarc
Member

#905 (permalink)


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

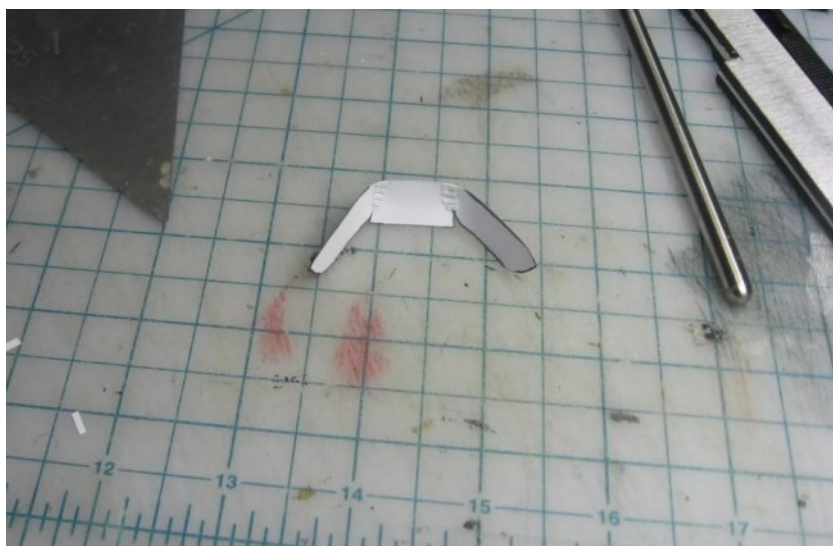
Aft fuselage work continues.....

The tail cone is a modified pedal assembly. Orlik has made this piece integral with the back bulkhead and a printed canvass boot:

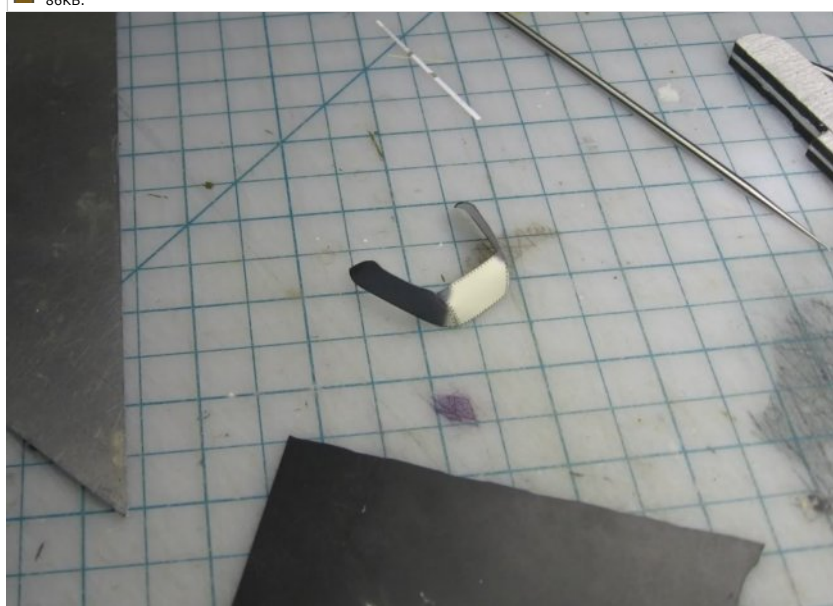


I cut all the pieces out as I wanted the tail end hollow to make my own boot around the protruding guns. Assembly of the piece involved gluing fine strips of card down the seam working it into the desired shape:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x668 and weights 86KB.



This image has been resized. Click this bar to view the full image. The original image is sized 1024x735 and weights 86KB.



This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 78KB.



After that dried, I glued in a scratched former to help maintain it's shape:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x760 and weights 87KB.

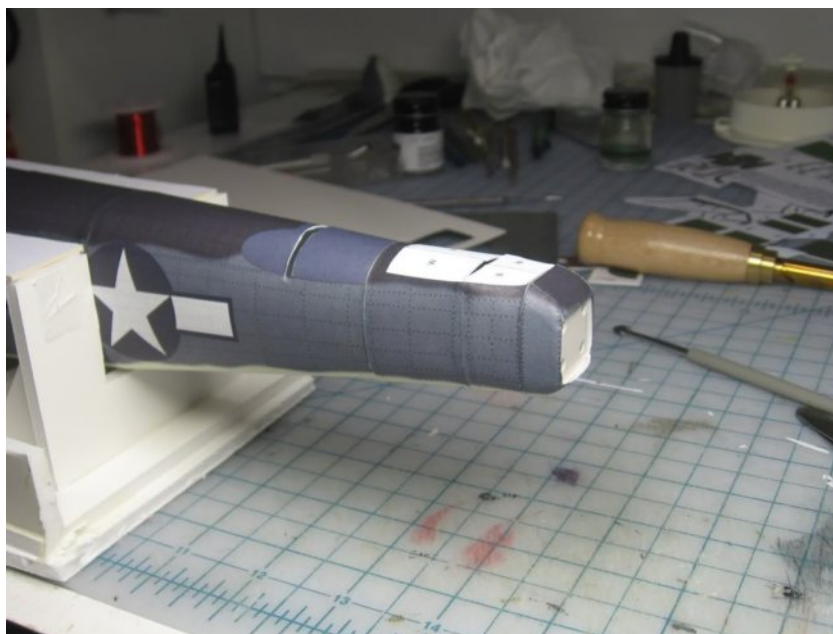


This image has been resized. Click this bar to view the full image. The original image is sized 1024x765 and weights 96KB.




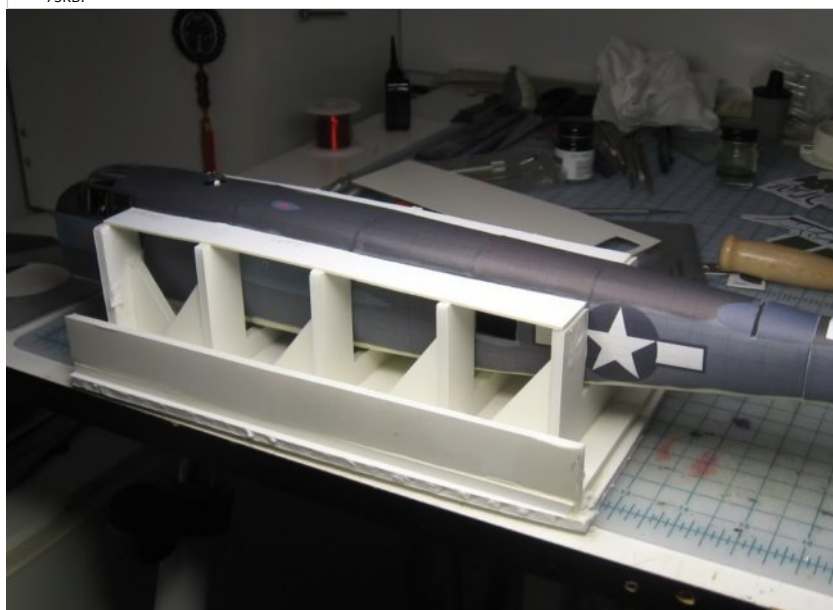
When it dries, I'll "connect-the-dots" with my knife to the four holes you see, then I can knock out the center section. Fits nice on the rest of the fuselage:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x775 and weights 84KB.




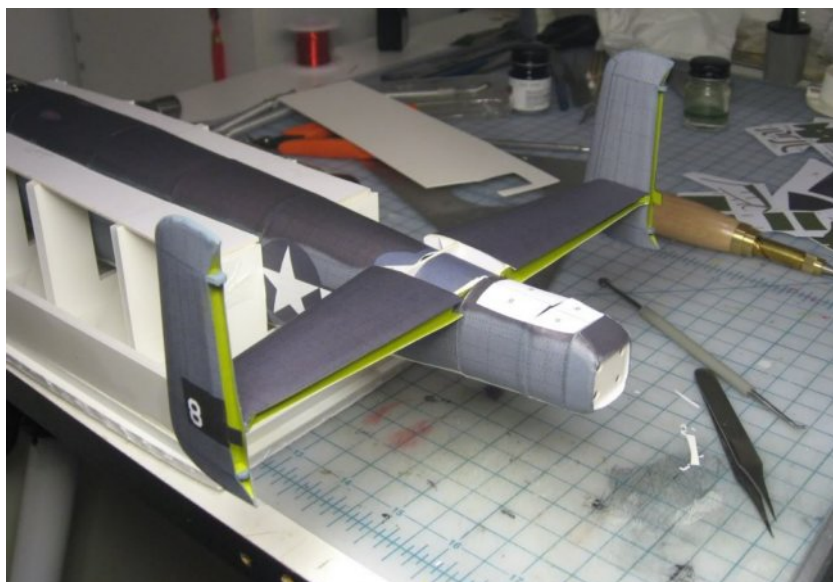
And yes, the fuselage is back in "Dry Dock" (or "Space Dock" for you Trek fans):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743 and weights 73KB.



I wanted to cut down my handling of the fuselage now that the cockpit and canopy are done. The tail end sticks out far enough that I can work comfortably on it in this manner. Plus since I have to attach the stabilizer during this campaign of the model, it will help with alignment:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x711 and weights 100KB.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 10:34 AM



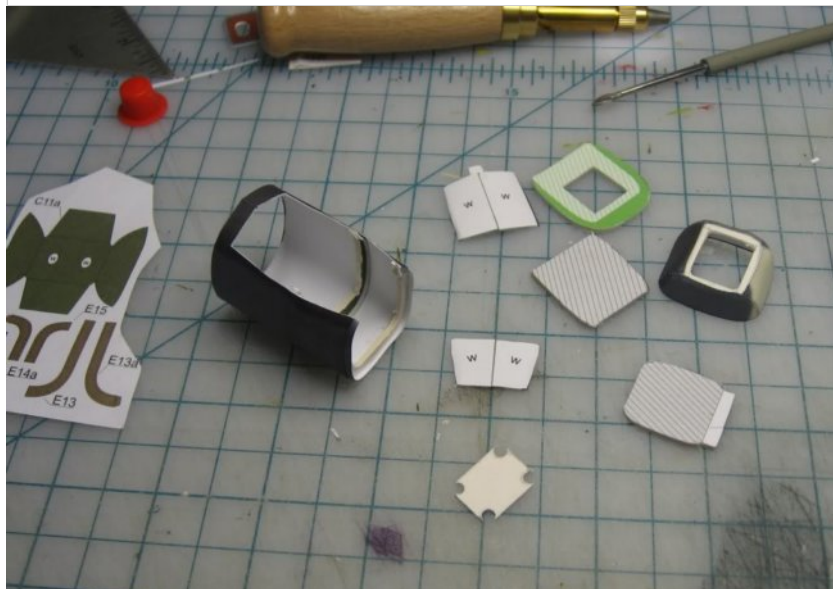
Bomarc
Member

#906 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Moving along, cut out the area of the canopy, cut and removed bulkheads, and joined things together:


This image has been resized. Click this bar to view the full image. The original image is sized 1024x726 and weights 98KB.

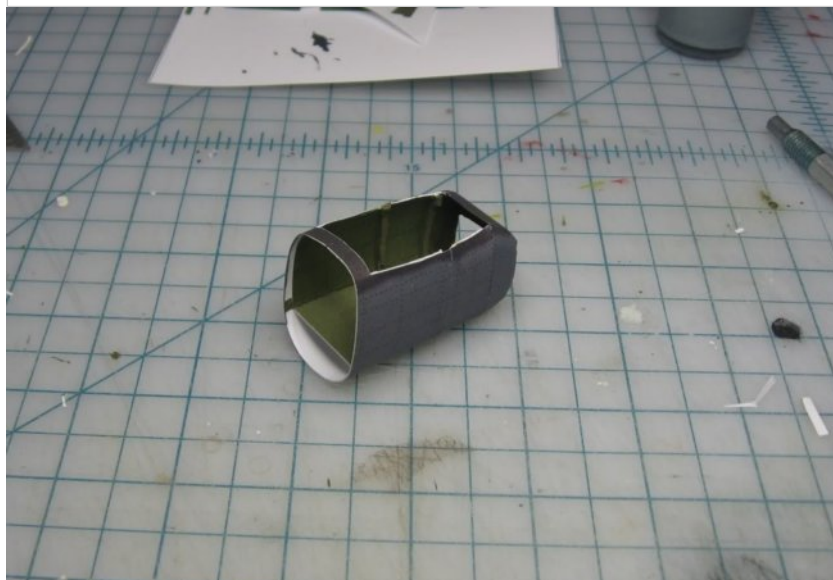



This image has been resized. Click this bar to view the full image. The original image is sized 1023x736 and weights 88KB.

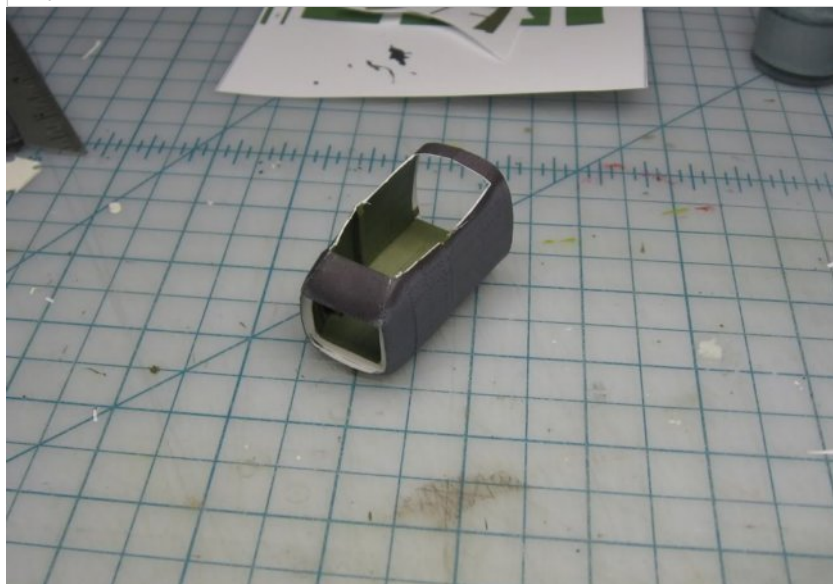


Some touch up paint, added the floor and side pieces, and that's about it for structure:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x716 and weights 87KB.

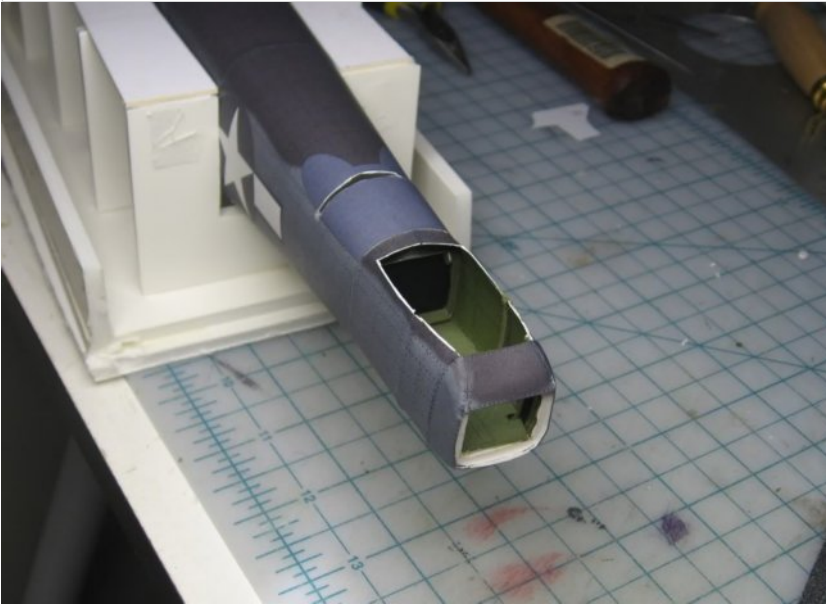


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716 and weights 84KB.



And dry fitted to the whole:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x739 and weights 76KB.



I think the plan of action is to fit out the interior with the guns while it's still a separate assembly, then attach to the fuselage, attach the stabilizer and start fairing everything in. Last will be the canopy and framing.

Sounds good in theory, we'll see how it runs....

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 10:41 AM




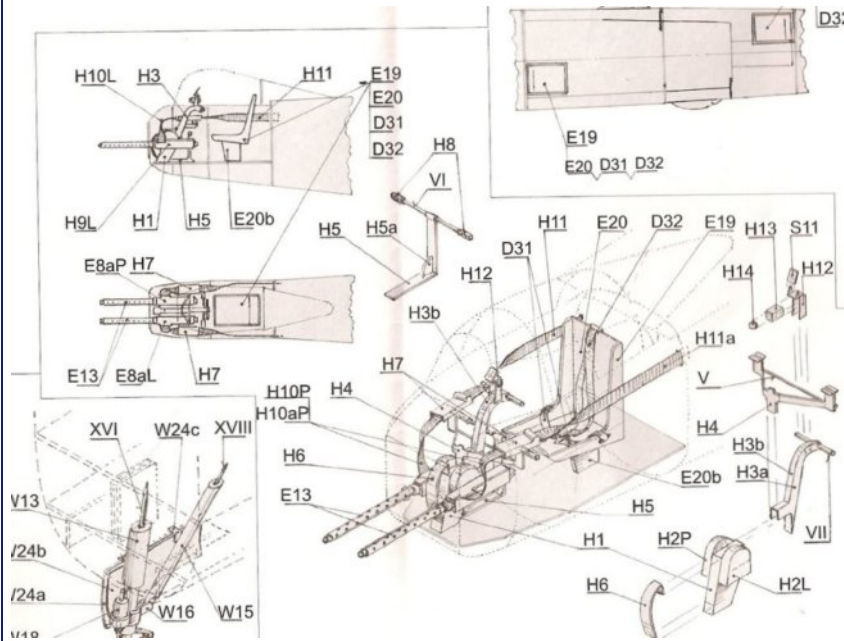
Bomarc
Member

#907 (permalink)


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

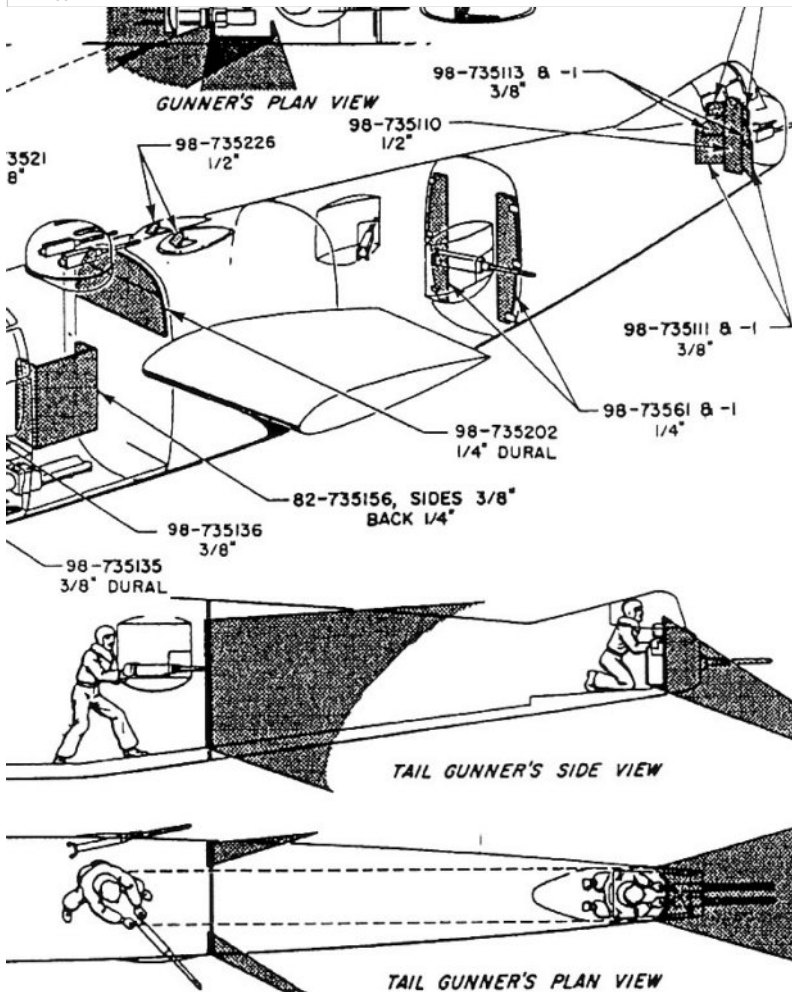
Working on the innards of the tail gunner's station. For this I was hoping to use as many of the kit's parts as I could, particularly since Orlik went to the effort of providing make up parts via their website. The assembly from the instructions:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777 and weights 115KB.

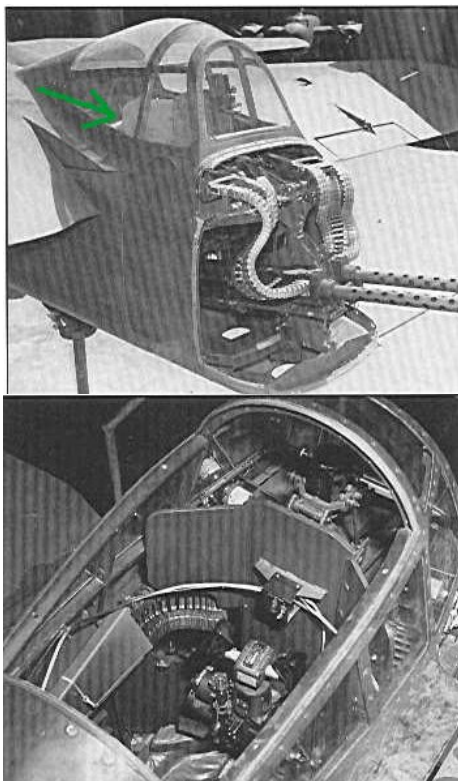


However, I think Orlik was operating under what we grads of NNPS* used to call a "GCE" (Gross Conceptual Error) when designing this. Sitting in a recliner and operating the guns with hands and feet like riding a bicycle somewhat misses the nuance of the real thing. The gunner is on his knees, well back and behind a series of tall armor plates:

 This image has been resized. Click this bar to view the full image. The original image is sized 746x904 and weights 155KB.




The plates (green arrow in the top pic) sit pretty high, and I wonder if Orlik didn't confuse them for the top of a high back seat:




Apparently the top "bubble" can be jettisoned in an emergency, but normal practice was for the gunner to crawl back, knock his head, and take a crouching position.


So taking in all the above, I used what I could of the kit parts, modifying them as required, including the spacing of the MG's to reflect a more accurate dimension. If built per the kit, the guns would be about 2.5 times further apart than the original article. The pic's tell the tale:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x697 and weights 83KB.




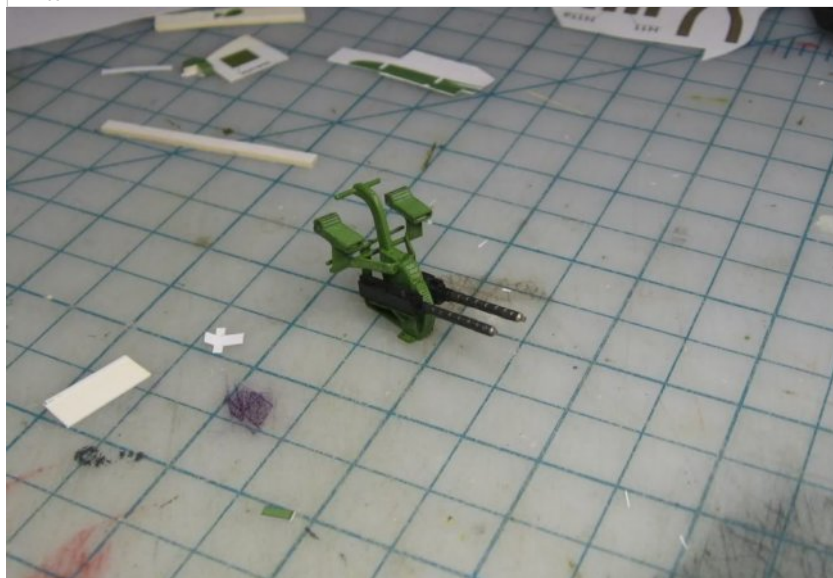
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x687 and weights 82KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755 and weights 84KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705 and weights 85KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696 and weights 87KB.

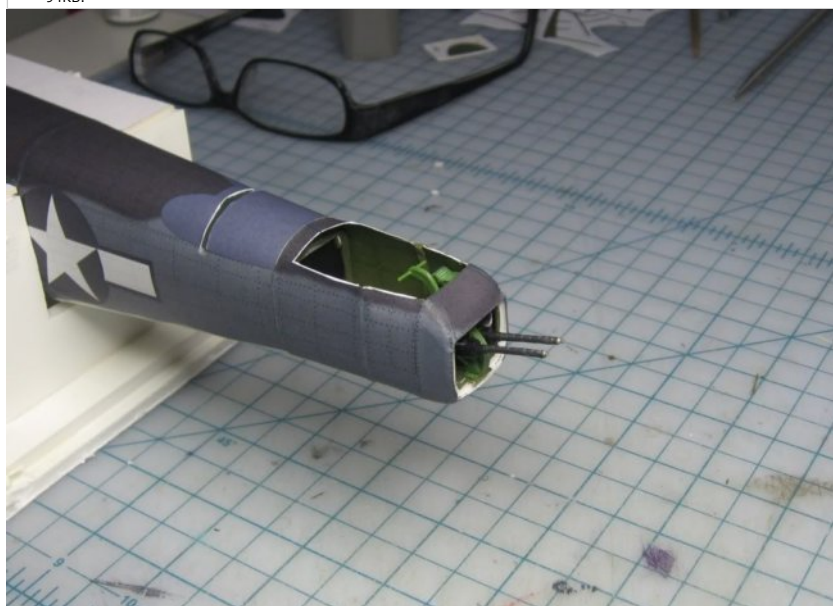


This image has been resized. Click this bar to view the full image. The original image is sized 1023x740 and weights 93KB.



I like the two colors of green inside, even though not all will be seen:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x738 and weights 94KB.



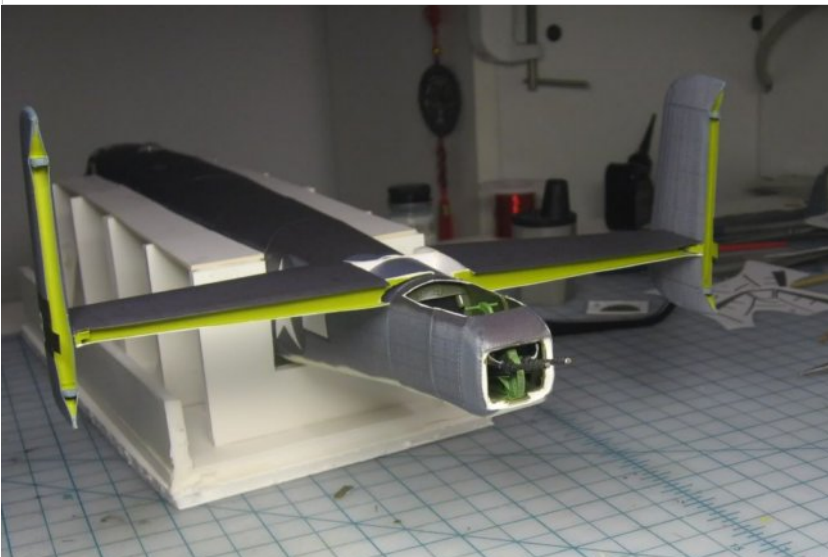
This image has been resized. Click this bar to view the full image. The original image is sized 1023x693 and weights 83KB.



A gun sight mounts on the tallest element of this assembly. From this point forward will be new construction: Armor plates, controller, seat, and ammo feeds.

Watch out! It's got a stinger!!

This image has been resized. Click this bar to view the full image. The original image is sized 1023x684 and weights 74KB.



Mike

*Naval Nuclear Power School

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 10:42 AM



Bomarc
Member

#908 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

OK, that's the first batch. Little tricky but not too hard. More later, plus new stuff!

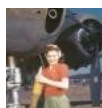
Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 11:49 AM




Bomarc
Member

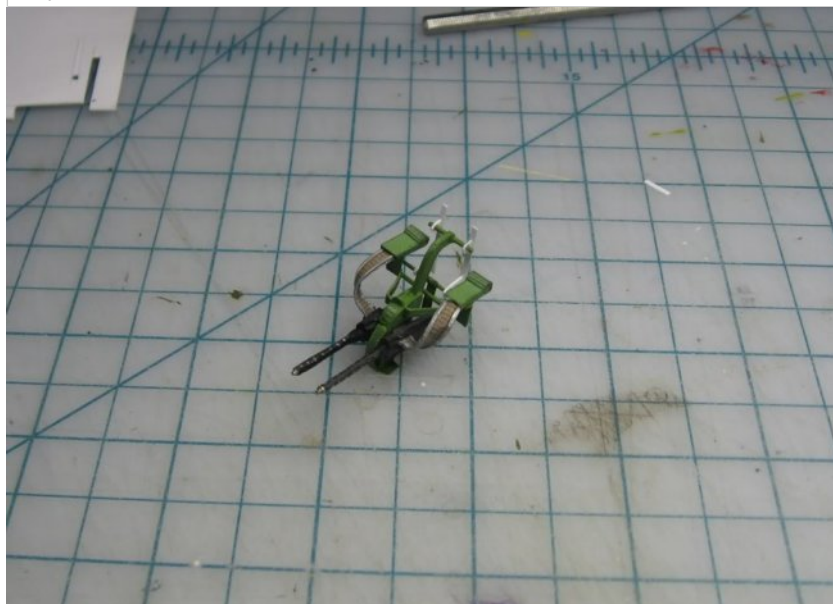
#909 (permalink)


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

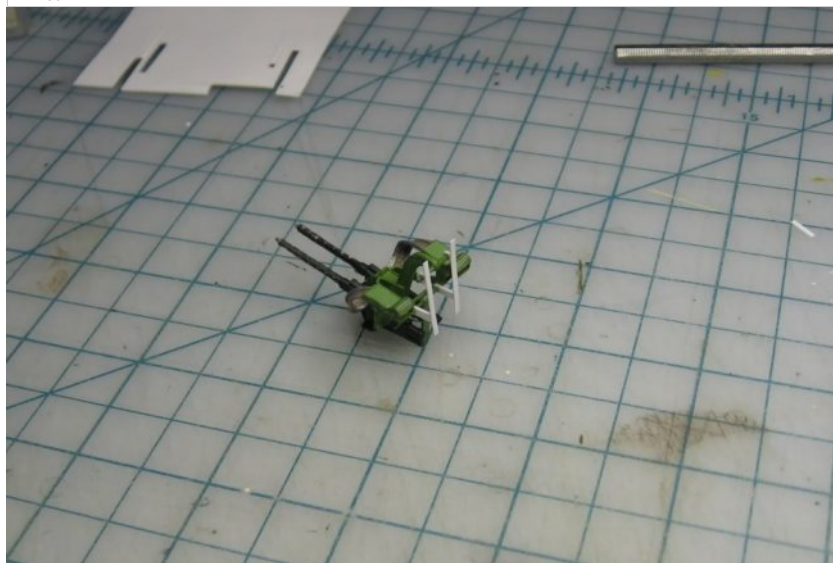
And the mega-posting continues.....


In a little adaptive reuse, I decided the handle bars and foot pedals of the Orlik "bicycle" would make great armor plate supports:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x739 and weights 87KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x691 and weights 86KB.




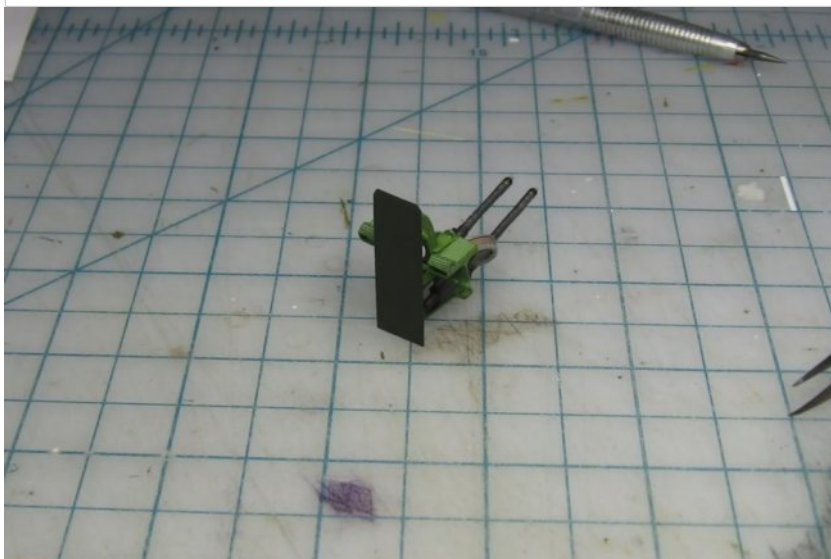
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x684 and weights 79KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x694 and weights 86KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x687 and weights 76KB.



Permanently mounted in the tail cone:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x668 and weights 93KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x714 and weights 90KB.

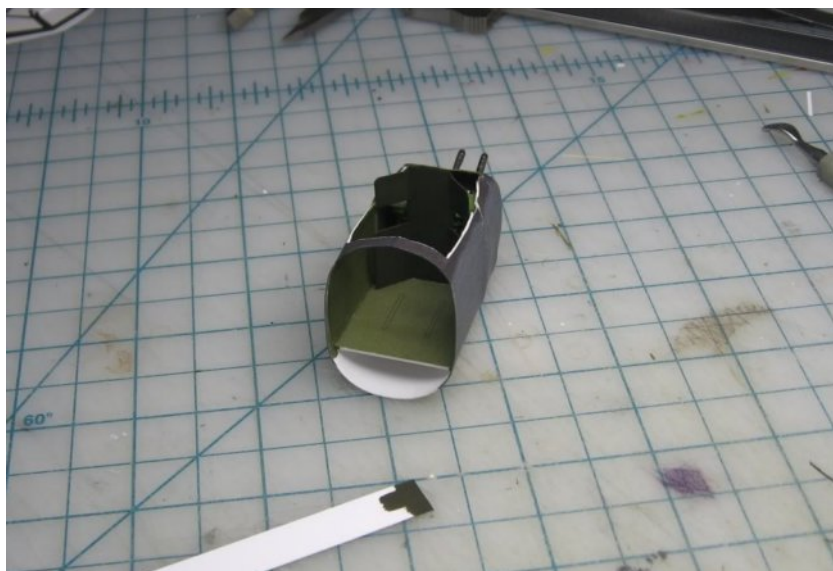


Then the side armor:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705 and weights 92KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696 and weights 88KB.



There! Our tail gunning friend should be adequately protected now....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 12:09 PM




Bomarc
Member

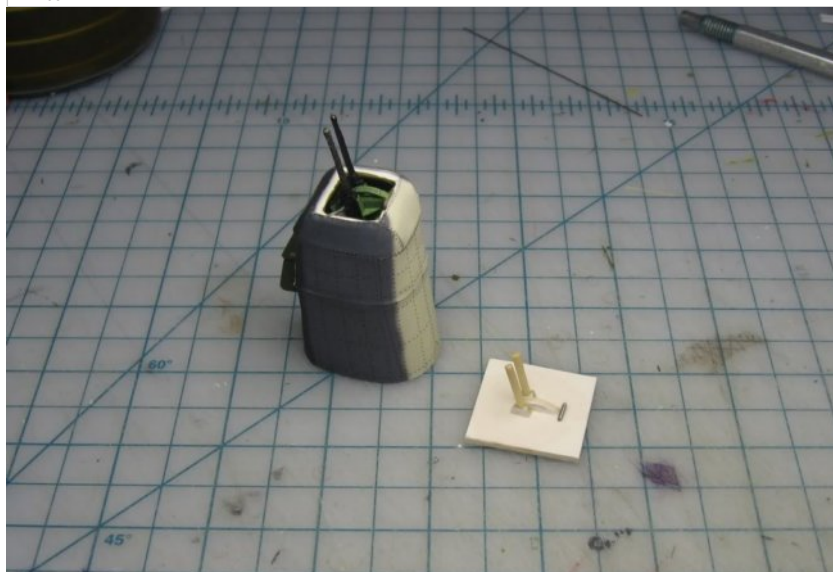
#910 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


Time to make the gun boot.

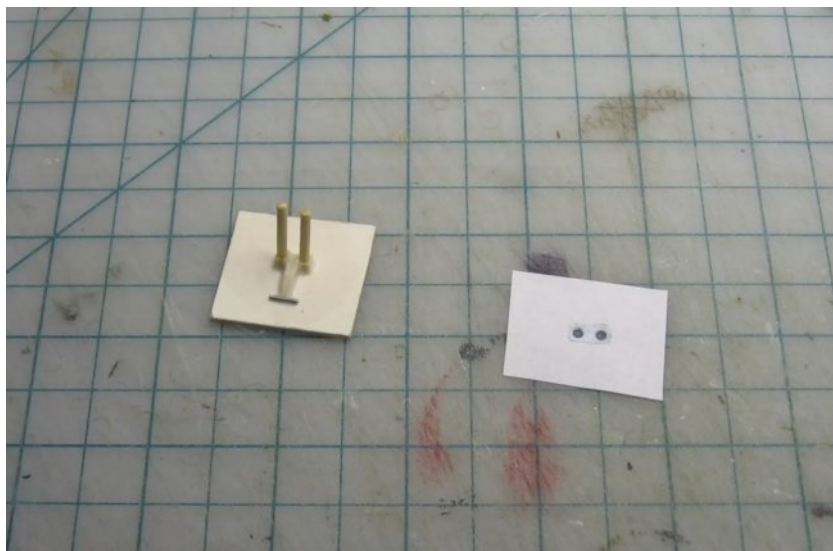
First I took a cue from the B-25's of the Doolittle raid, and made a pair of dummy tail guns from broom sticks:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699 and weights 88KB.




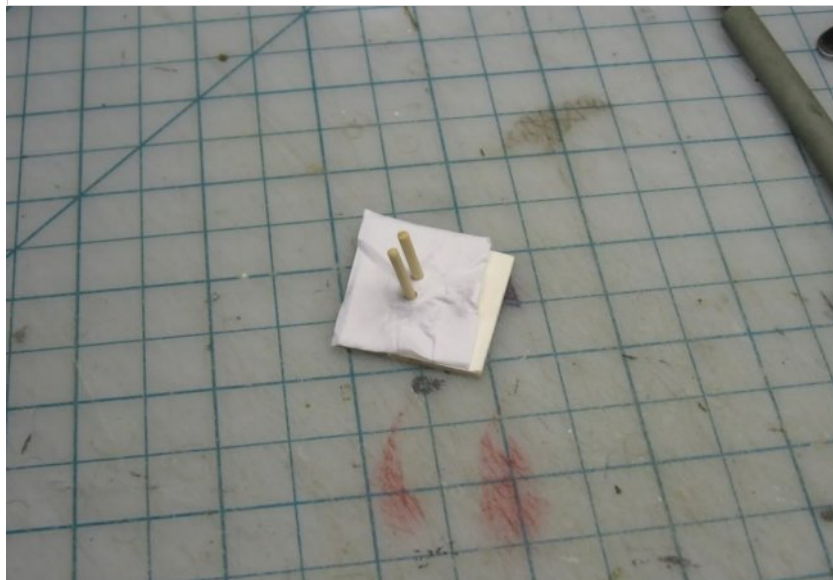
OK, they're really just toothpicks and mat board, but that doesn't quite spark the imagination does it? Next I punched two holes in printer paper and super glued a small patch of more printer paper and punch holes in that:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676 and weights 75KB.



Got the paper wet, and put it on my dummy guns and started to shape it the way I wanted. When it was about there, I brushed on a coat of Elmer's diluted with 50/50 with water and shaped it some more:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x715 and weights 73KB.

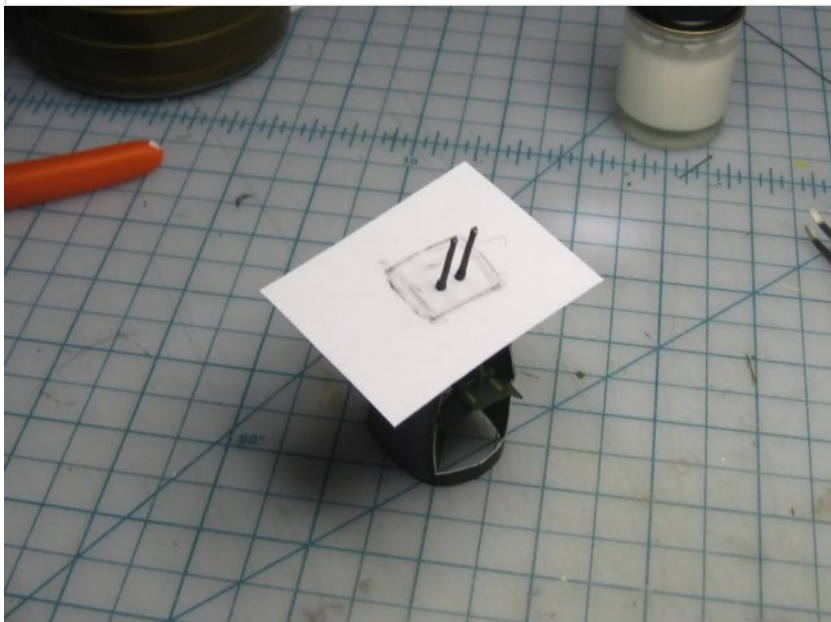


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713 and weights 89KB.




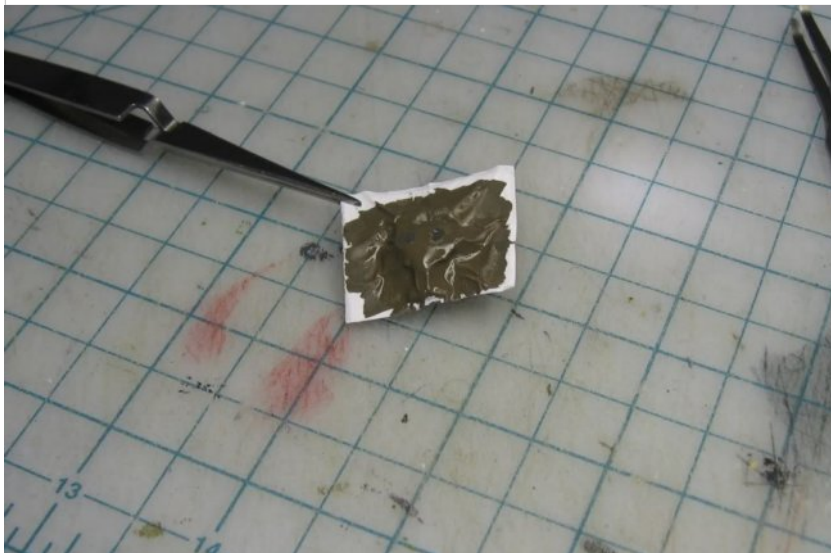
While that was drying, I punch two more holes in printer paper and did a graphite rub to get a pattern of the opening:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765 and weights 75KB.

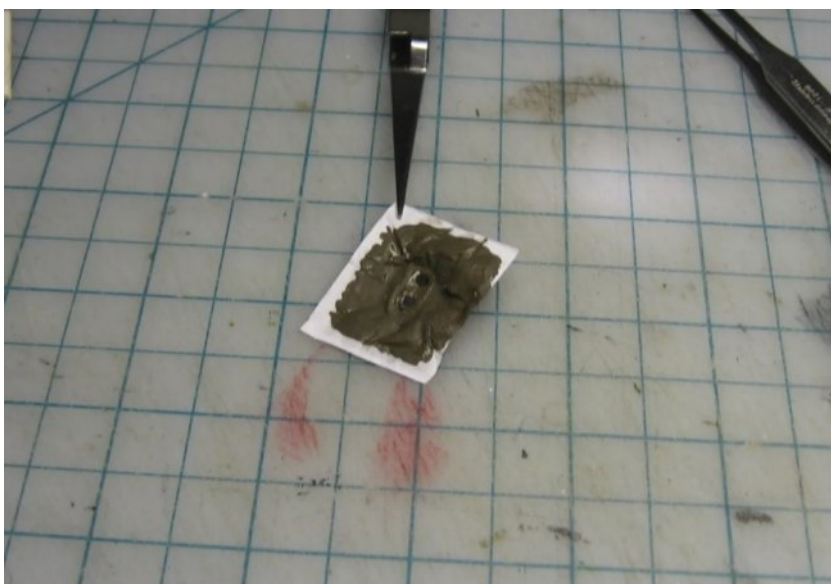


When the boot dried, I painted both side Olive Drab:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x678 and weights 87KB.

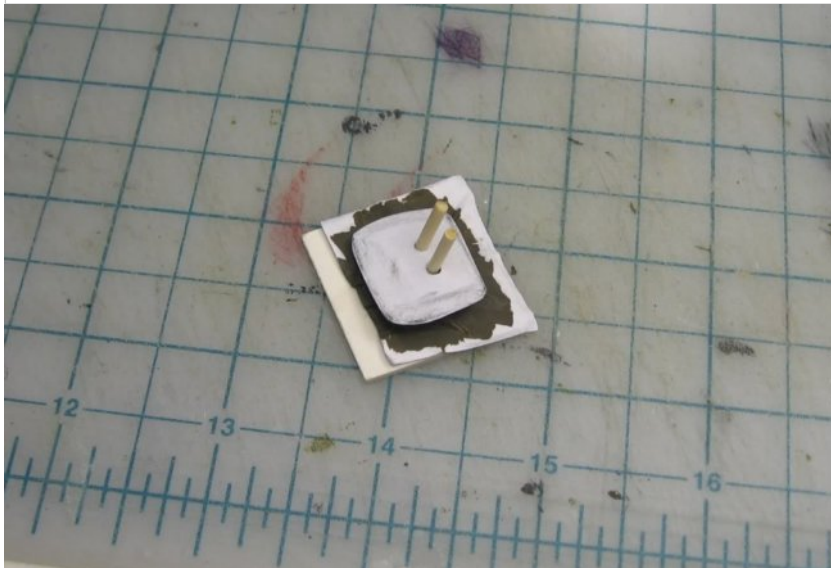



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713 and weights 68KB.



When that's dry, back on the jig it goes along with the pattern:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x697 and weights 83KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x714 and weights 86KB.




Put it on model working the edges under the rim of the opening and then applied Aleen's to the edges to fill any gaps and set the boot for

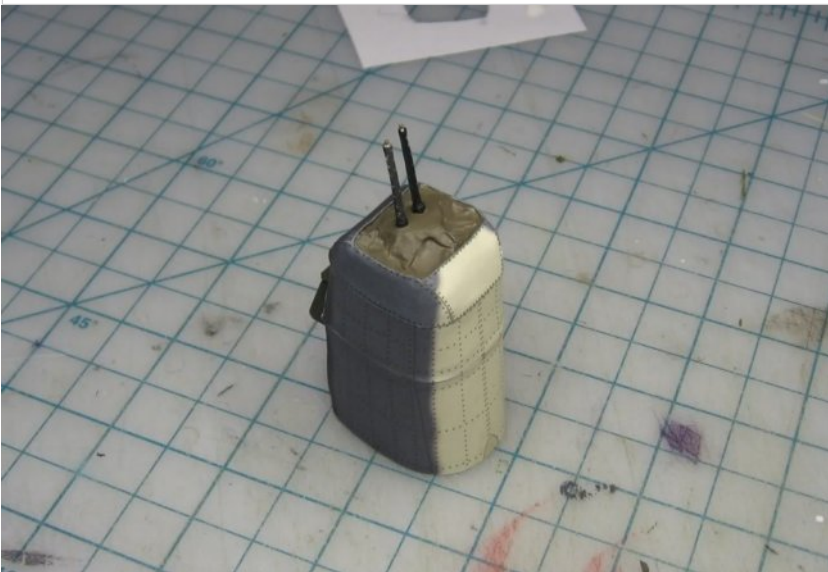
good:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x688 and weights 90KB.

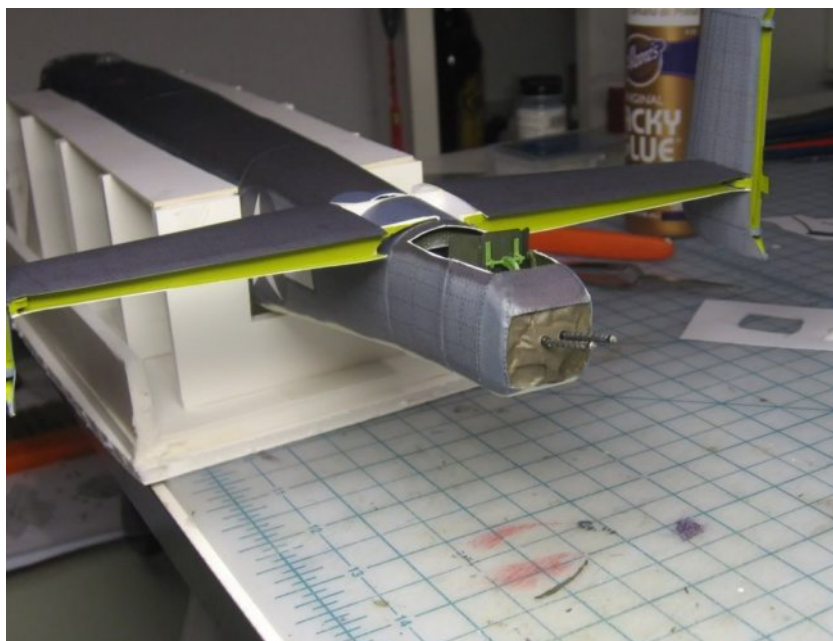


Some touch up paint and done:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700 and weights 86KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x781 and weights 92KB.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



[« Previous Thread | Next Thread »](#)

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:32 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?
Password

[Register](#) [FAQ](#) [Community](#) [Calendar](#) [Today's Posts](#) [Search](#)

[Post Reply](#)

Page 92 of 100 [« First](#) [<](#) [42](#) [82](#) [90](#) [91](#) **92** [93](#) [94](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

02-20-2010, 12:16 PM

[#911 \(permalink\)](#)

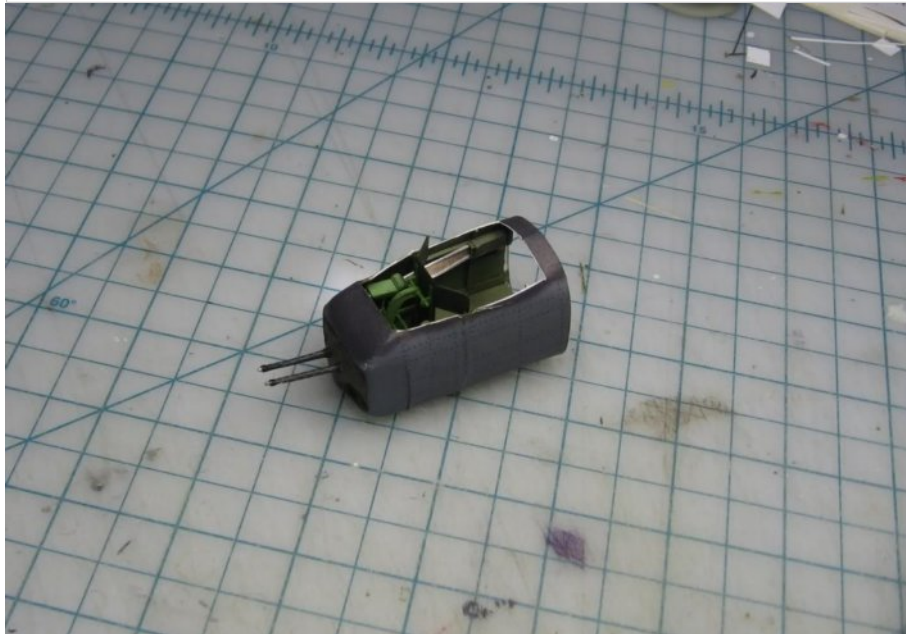


Bomarc
Member

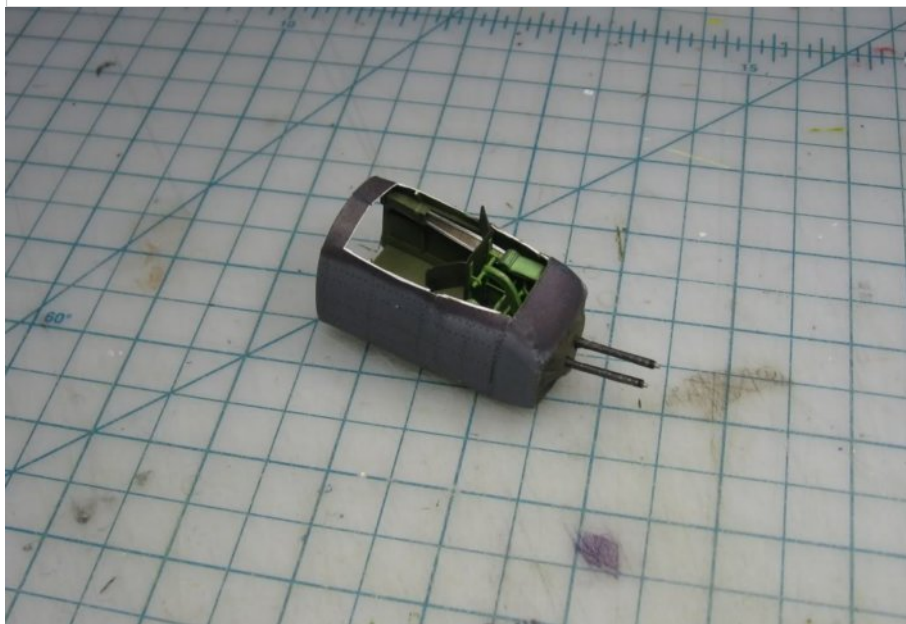
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


Added internal structure and the rest of the gun belt feeds:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x714 and weights 98KB.




This image has been resized. Click this bar to view the full image. The original image is sized 1024x696 and weights 89KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x665 and weights 94KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721 and weights 71KB.

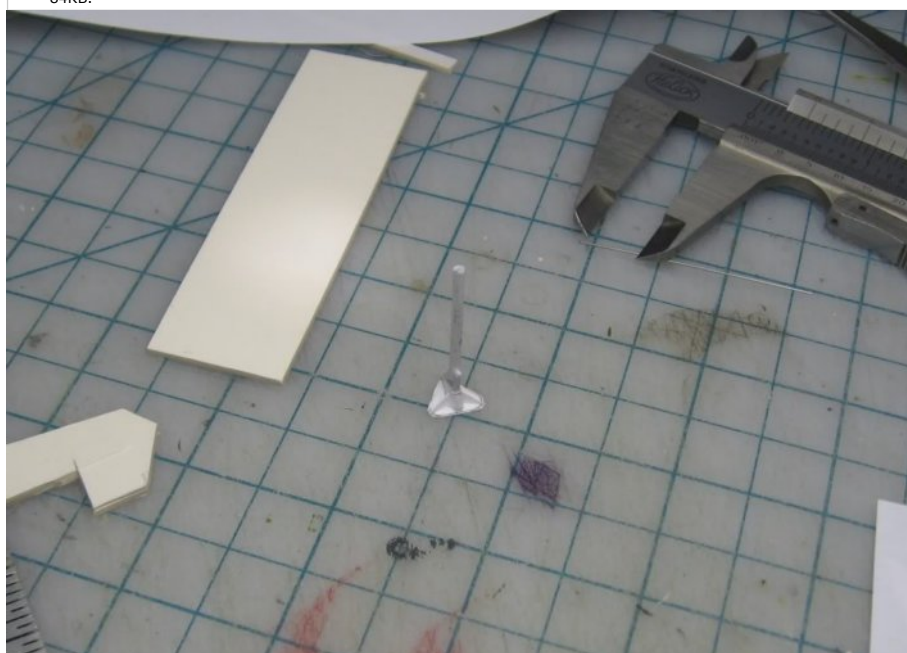



Then the seat. Not much to comment, tried to guesstimate it's dimensions and height, close enough I think:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x688 and weights 75KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x729 and weights 84KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716 and weights 85KB.




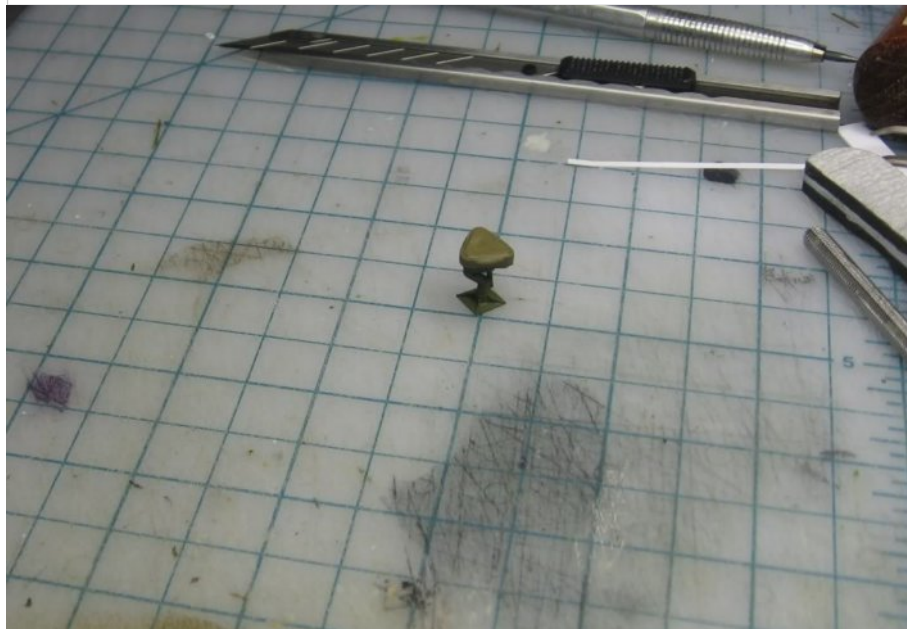
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683 and weights 87KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x704 and weights 98KB.

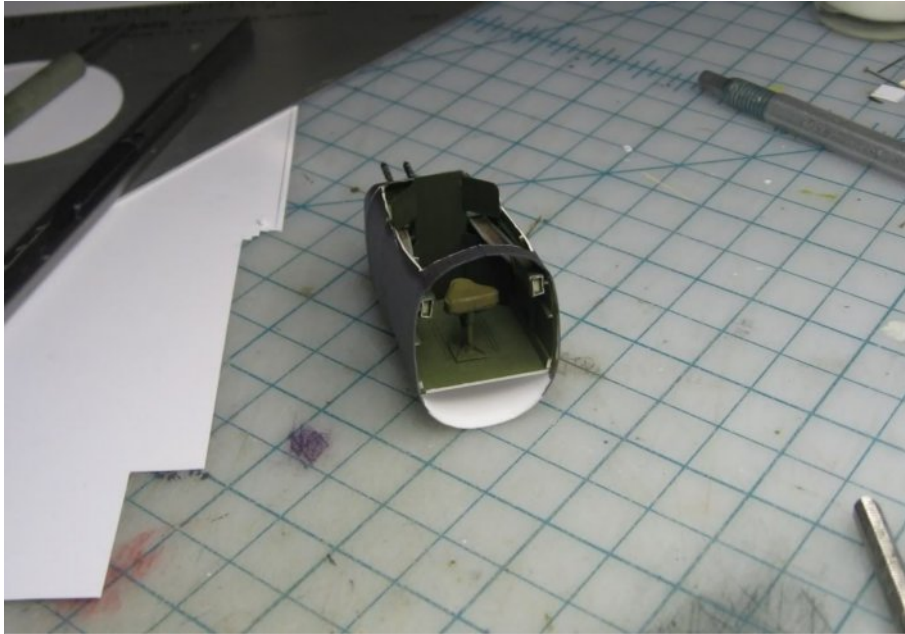



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x706 and weights 92KB.



Kind of squashed and shaped the pad to look like it's been sat on a bit. Painted a khaki color looks pretty good in there:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x713 and weights 78KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x704 and weights 84KB.



Last thing to make is the gun controller itself, and that should be enough to cram in there before I close the hatch for good.

OK, the above was the last post I made in this thread before the "Great Papermodelers Crash of Ought-Ten". Everything from this point forward will be new material (at least for PM.com).

"We now return you to our regularly scheduled program, already in progress...."

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



 02-20-2010, 12:44 PM



Don Boose 
Member

#912 (permlink)

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,555

Wow! You do **everything** superbly, Mike, including record keeping and disaster recovery.

Don



02-20-2010, 01:09 PM

#913 (permlink)



Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

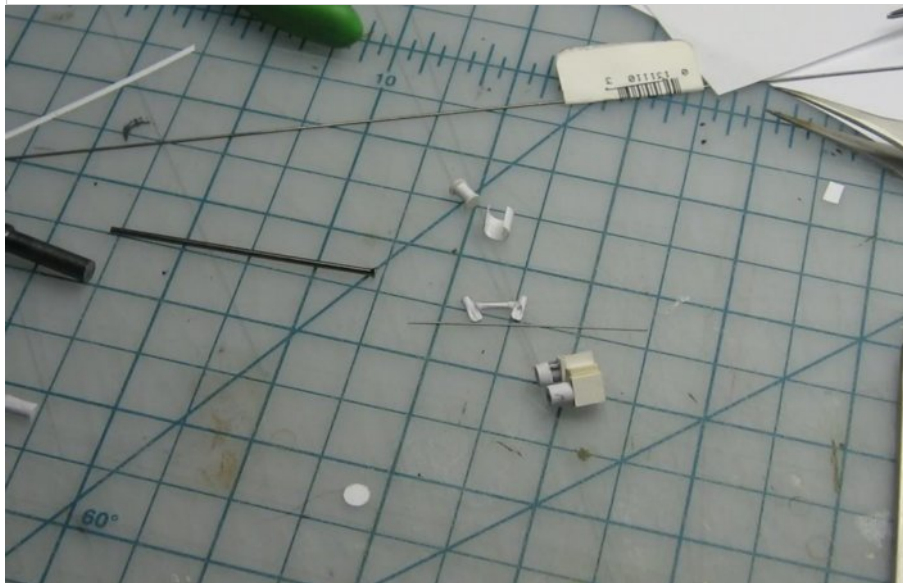
Thanks Don, but I'm not that organized. It was pure serendipity that I started dual posting on here and Zealot at the same time, and a mere two weeks before the crash at that! If it wasn't for that, everything past page 90 on this thread would have been toast for good.


Now, where was I? Ah yes, the gun controller....

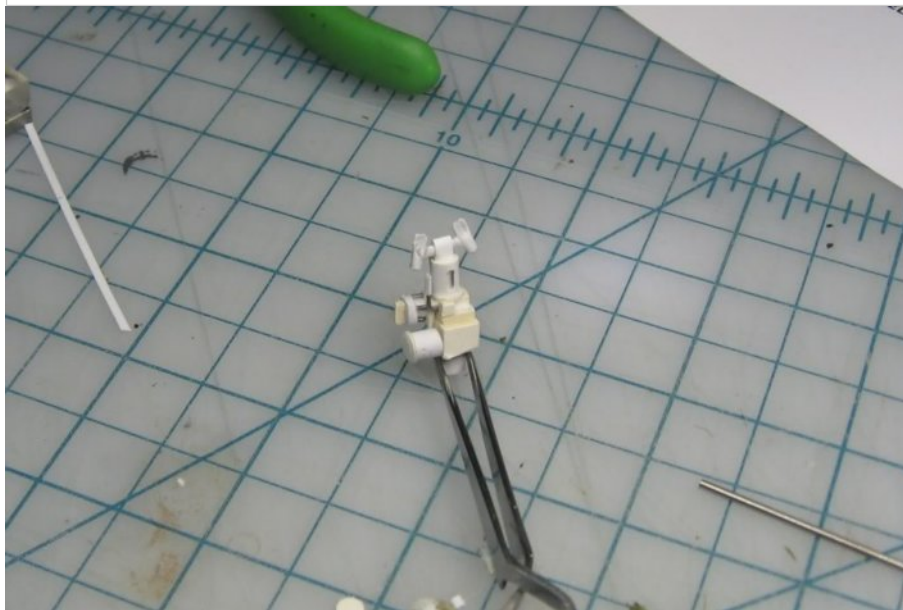
I manage to cobble together a rudimentary gun controller. Not too much to scale (seems a little big), but the gist of it was what I was after as, under the canopy, little of it will be revealed.

Started with sections of rolled tube, bits of wire, and whatnot:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x654 and weights 83KB.

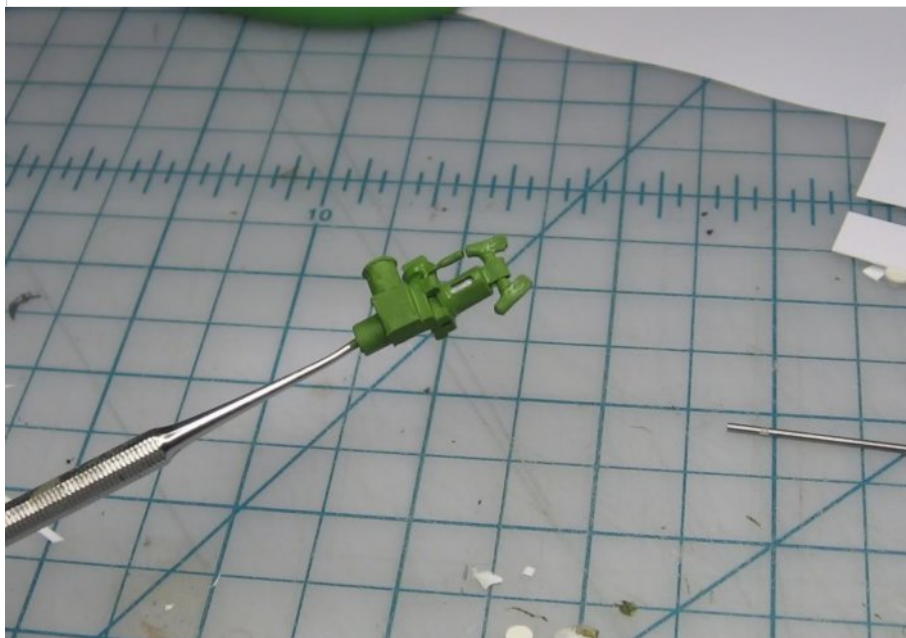


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 83KB.




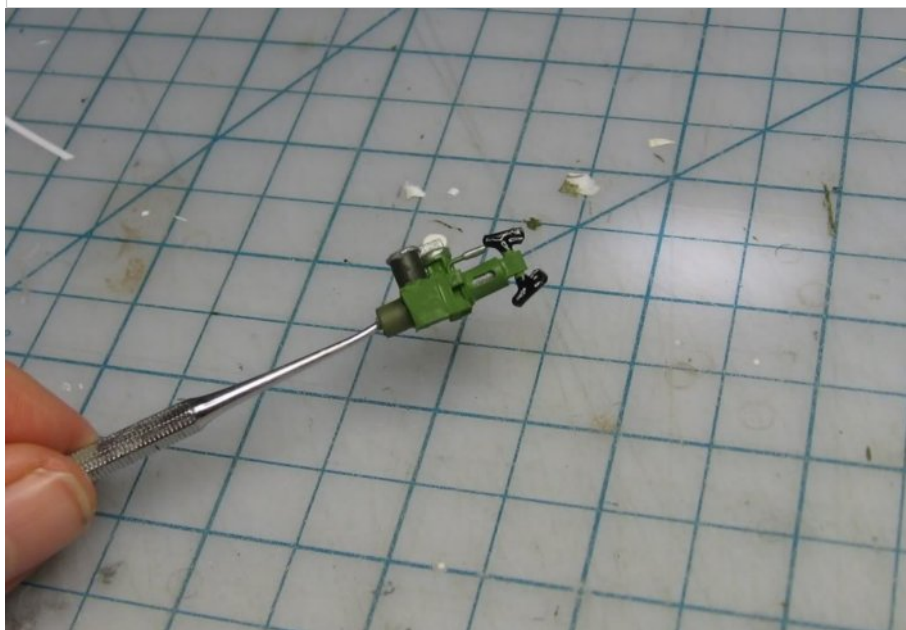
Once it was all together I painted the whole thing that funny green color. I wanted to connect the both sides of the armor plate with some similar colors:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x715 and weights 81KB.




The green paint I used is enamel so also makes a good base coat/primer for the other colors to follow:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702 and weights 81KB.




All spiffed up, in it goes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x723 and weights 90KB.



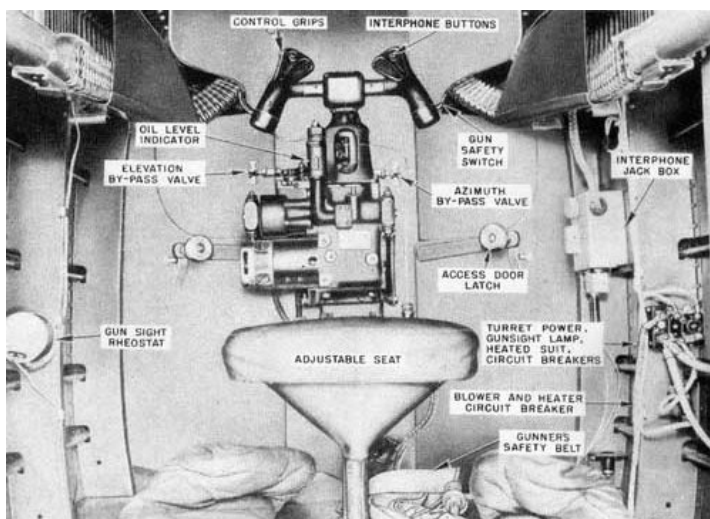
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x715 and weights 100KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x753 and weights 71KB.



And a quick refresher of what I was shooting for:



The above is the only one of two pictures I could find of this device, so my guesstimation factor was quite high. Once again, close enough....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 01:11 PM

#914 (permalink)



Don Boose

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,555

You don't seem to have missed anything!

Don



02-20-2010, 01:13 PM


#915 (permalink)

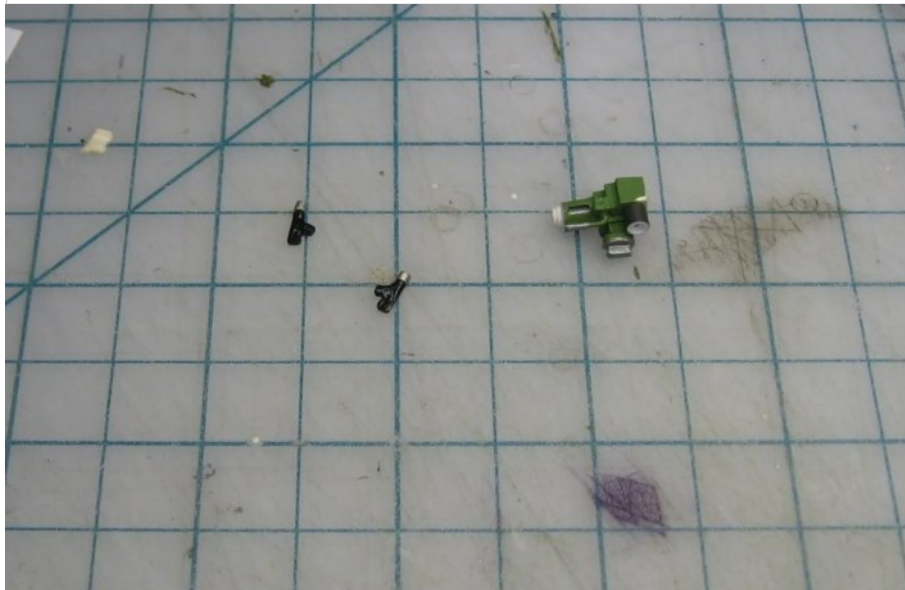



Bomarc
Member

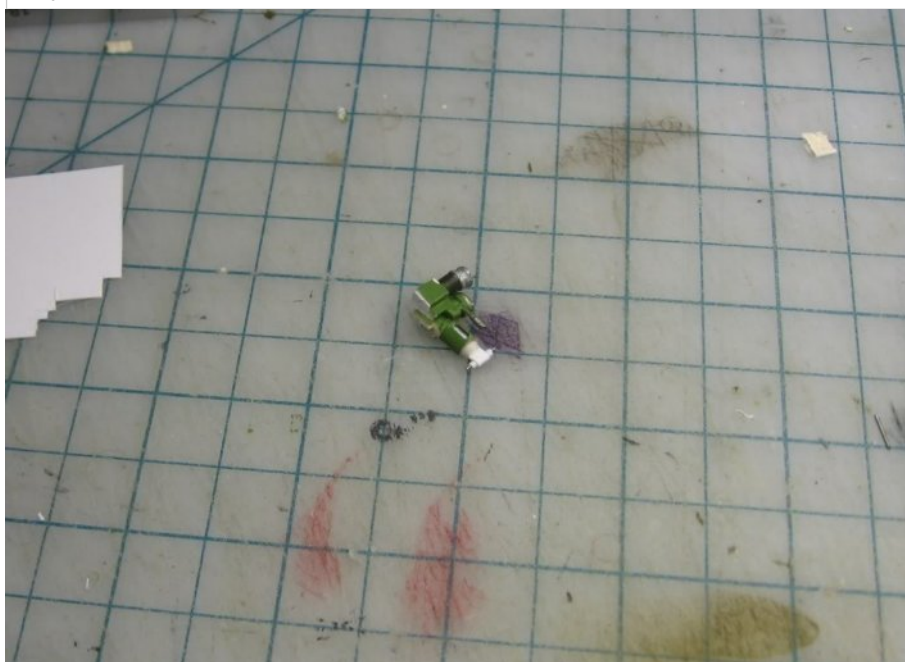
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


In a moment of "can't leave well enough alone", I decided to redo that gun controller. It just looked too clunky in there to me, and we all know what happens when I don't like something. This time it wasn't much to remove and modify it. Trimmed it down and reduced its dimensions, remade some components in a smaller size, and spruced up the hand grips:

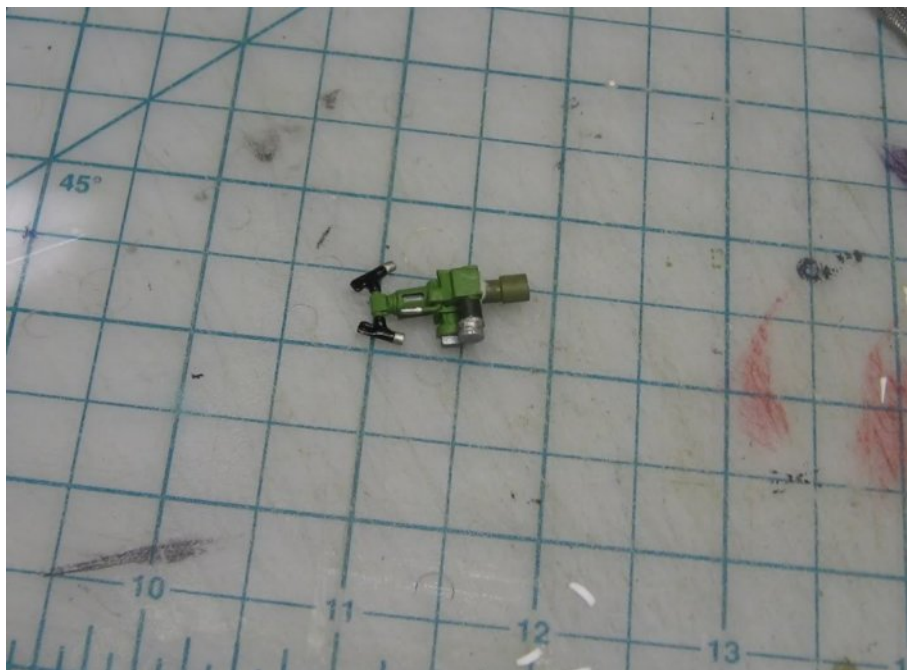
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x664 and weights 72KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743 and weights 84KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x750 and weights 85KB.

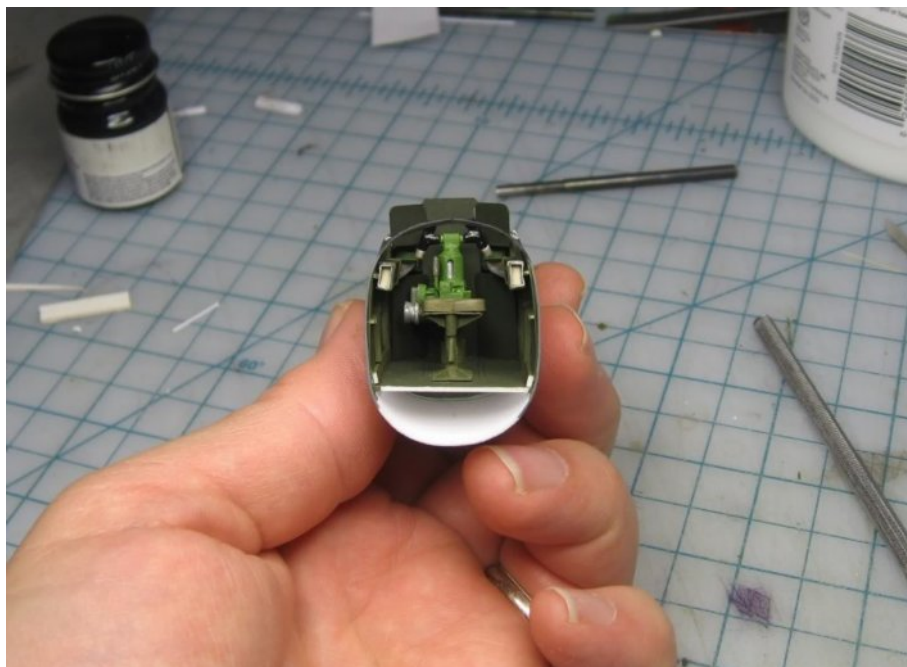


I think it looks a lot better in there:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x718 and weights 95KB.

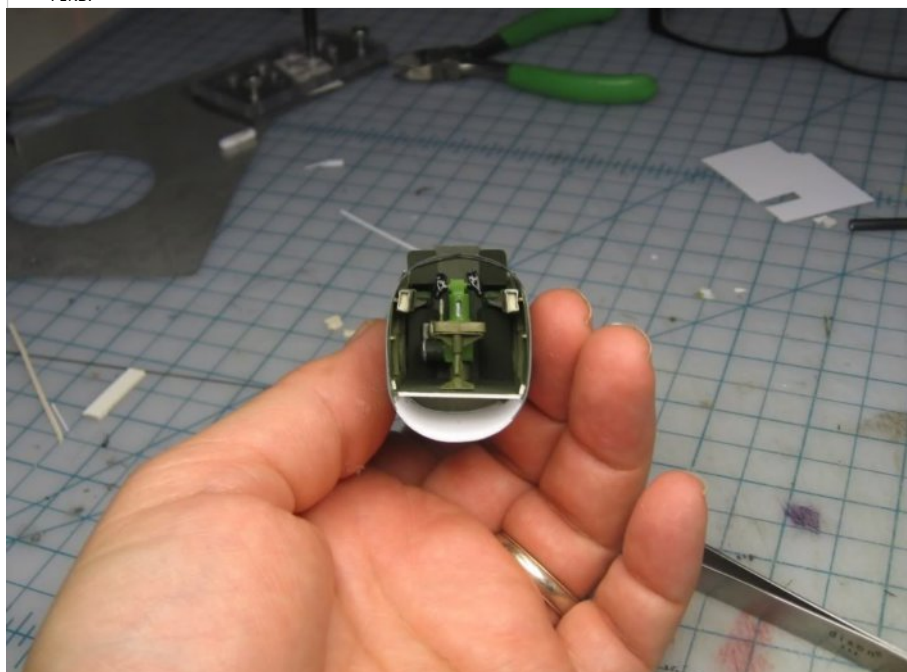


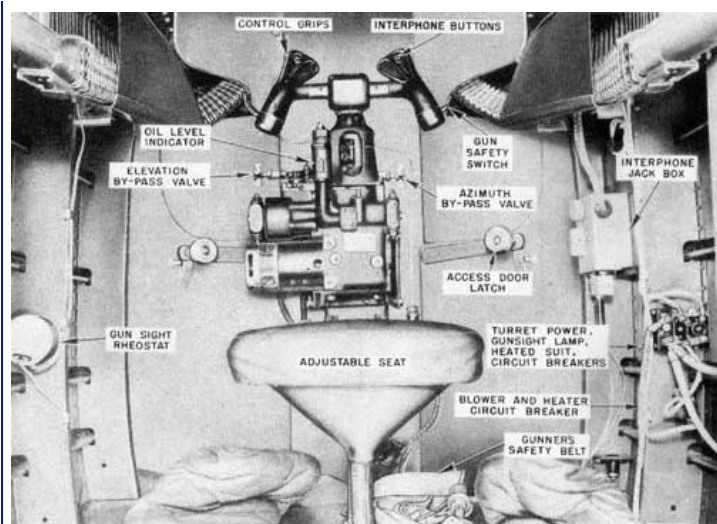
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x747 and weights 83KB.




Compare and contrast with the first attempt and the original:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x753 and weights 71KB.






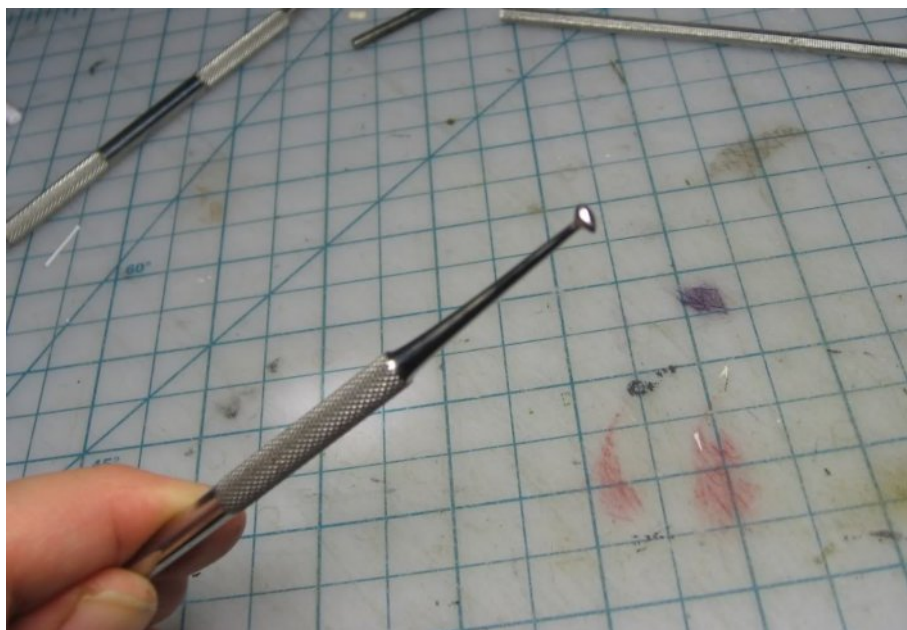
Finally started receiving UPS shipments again (they kept deferring delivery because of the street conditions in my neighborhood). A tool and supply order yielded two new tools to the arsenal. This dental pick has a ball on either end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x720 and weights 90KB.



Should be useful for embossing, scoring, and in a pinch, home dental work. The second one has a teardrop shape on the end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x705 and weights 88KB.



Don't know what I'd used it for, but it sure looks cool.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 01:27 PM

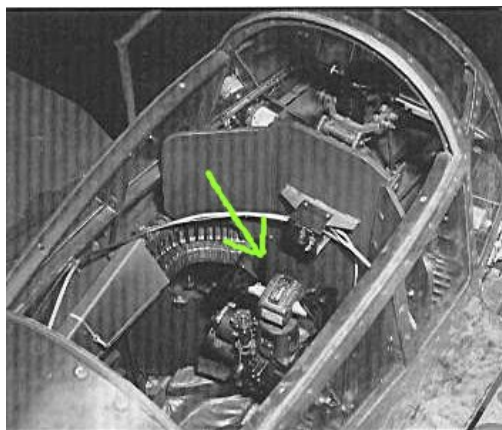


Bomarc
Member

#916 (permalink)

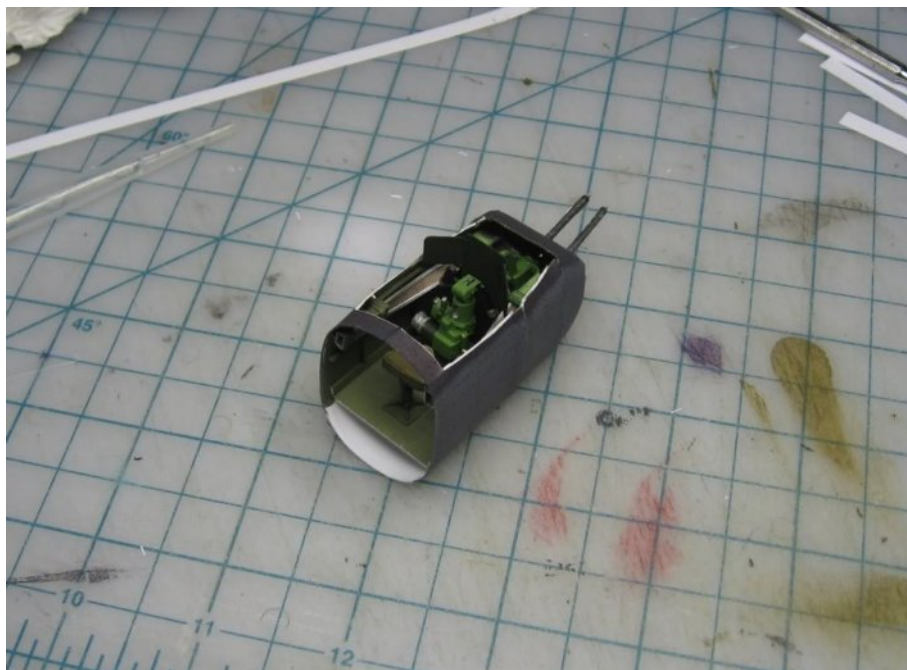
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


I did notice one detail on the gun controller. Seems the top where the hand grips emerge has more dimension to it (green arrow):

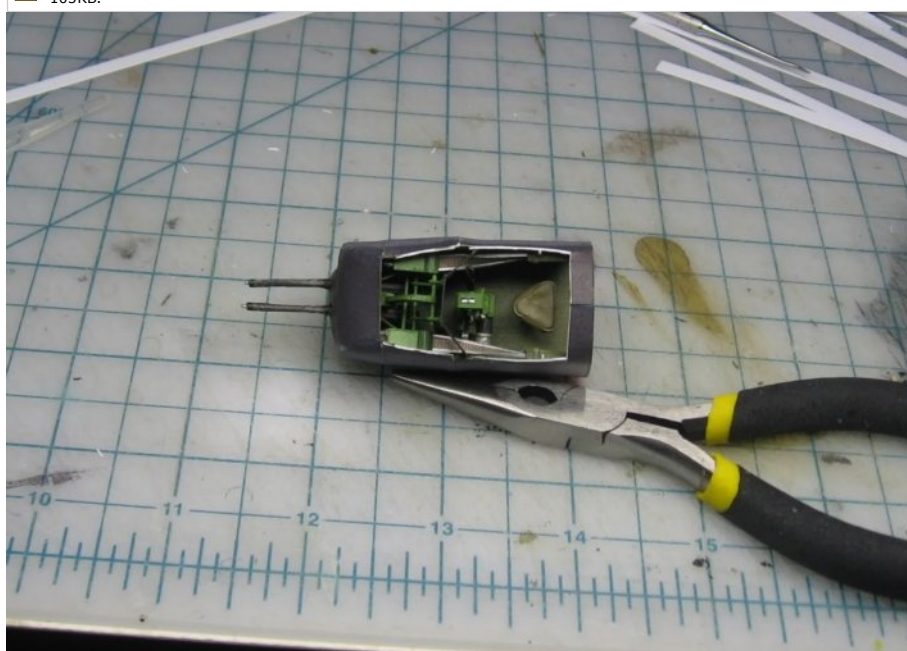


Can't let that go by. In a tweak to the tweak, made a little "cap" on top:

This image has been resized. Click this bar to view the full image. The original image is sized 1024x753 and weights 104KB.

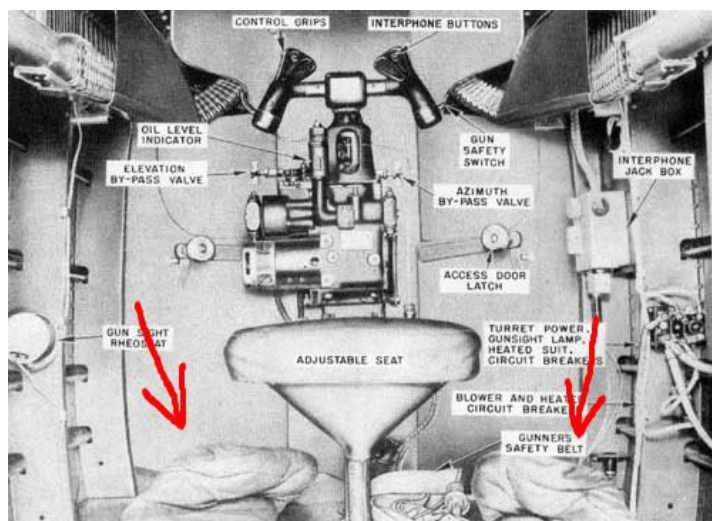


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 105KB.




Also added a data placard from an old Waldron P-51 placard set. Gives it that added "zing", no?

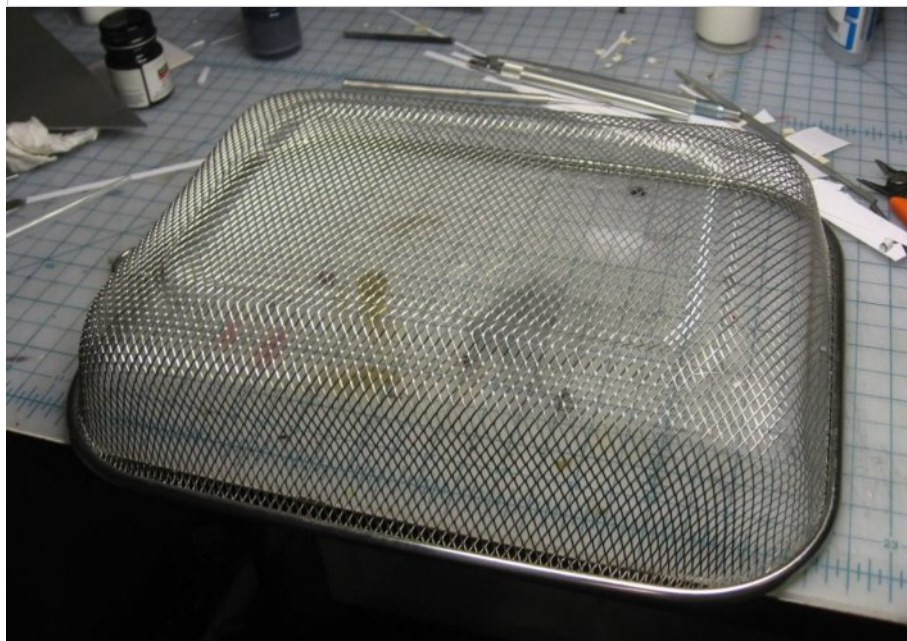
So on to new stuff. In the only other photo I have of this position, it appears there's some quilted pads on the floor (red arrows):




No doubt for the knees of our hapless gunner. I want to add these, but how to make the diamond quilt? After some head scratching, came up with a method I think works. The armor guys might like this too (tanks have the quilted liners inside, don't they? I don't know).

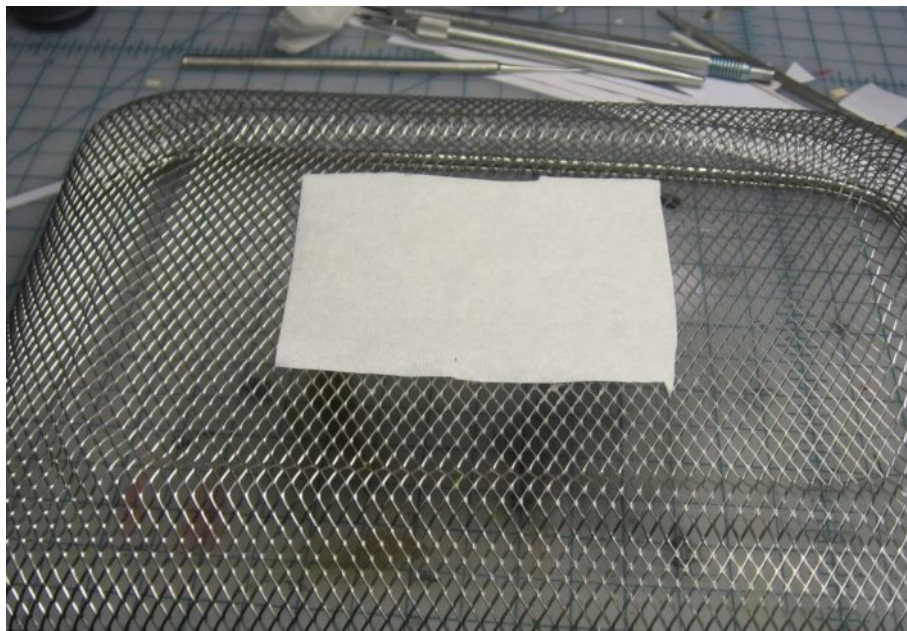
So start with a food strainer from the kitchen (shsh! Don't tell the wife):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x718 and weights 207KB.




Cut a piece of Kleenex tissue out:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709 and weights 216KB.




Then using diluted Elmer's (50/50 with water), brush on till the tissue is soaked:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x669 and weights 185KB.



Smooth out any wrinkles, then cover with kitchen cling wrap. Using your fingers, press the wet tissue into the strainer. You should see the pattern in the cling wrap:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x773 and weights 186KB.

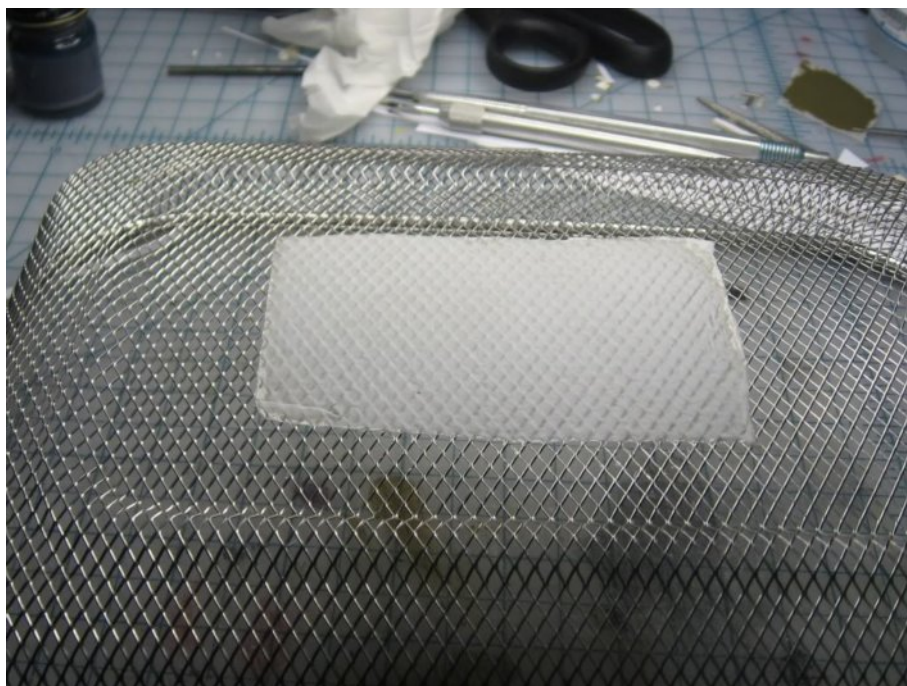


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721 and weights 182KB.




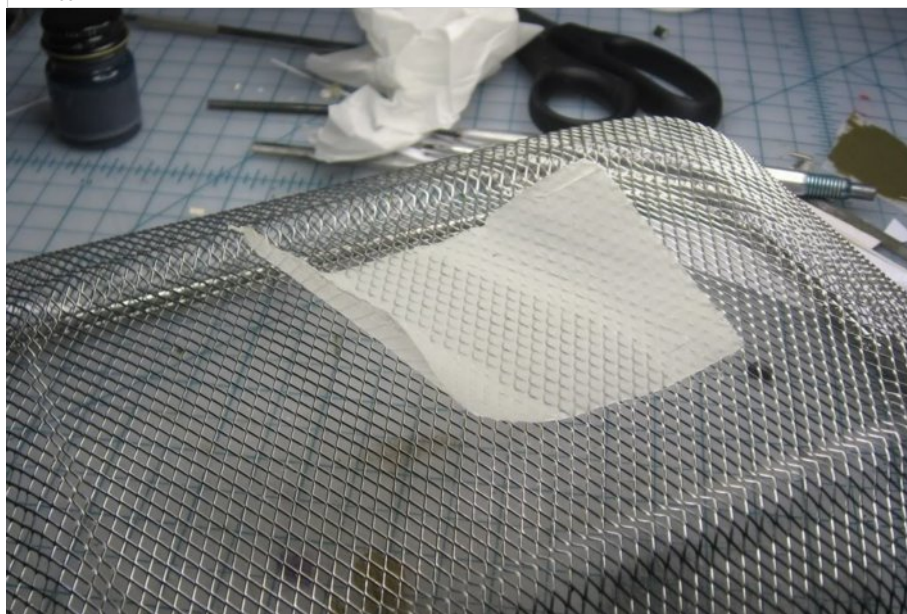
Let this dry. After about 15 minutes, you can remove the cling wrap to help speed the drying:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768 and weights 203KB.




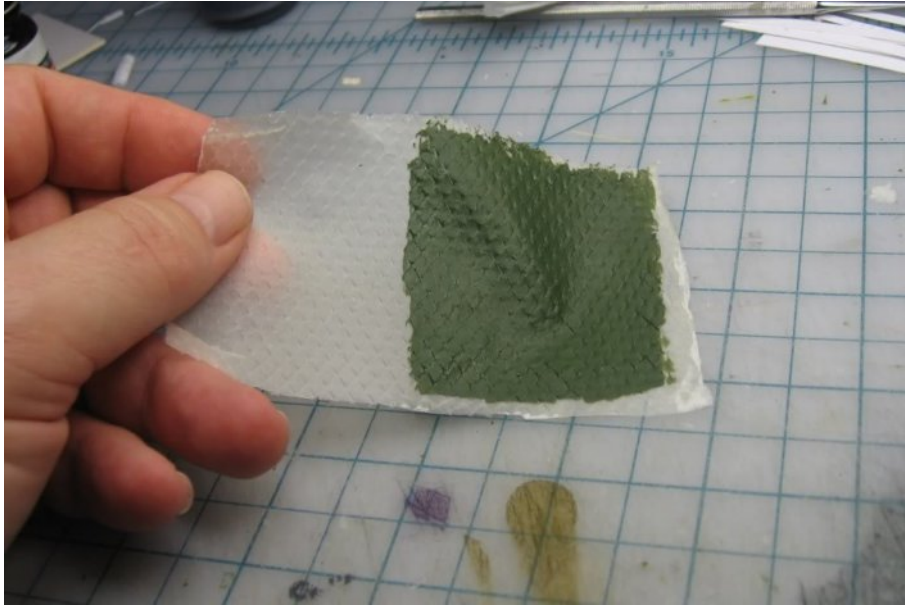
CAREFULLY remove the dry tissue. It's fragile and tears easily, so go slow, using tweezers as necessary to pry the stuff off the strainer:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x687 and weights 199KB.



Paint the color of your choice (I choose an Army green) and viola! Instant diamond quilt:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x679 and weights 84KB.



Paint it orange, it would look good in those rescue helicopters.

Actually, speaking of helicopters, this would make a great lining material for the cargo hold of Ken West's Chinook project.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 01:31 PM



Blackronin
Member

You are a God! 'Nough said.

#917 (permlink)

Join Date: Jan 2010
Posts: 93



02-20-2010, 02:42 PM



willygoat
Member

That looks amazing Mike!!! Your wife better watch out. Pretty soon you'll be using a whisk for something. Maybe even a garlic crusher of something. 🍷

#918 (permlink)

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,382



02-20-2010, 04:18 PM



Bomarc
Member

Quote:

Originally Posted by **Blackronin**
You are a God! 'Nough said.

Far, FAR, from that sir, but thanks for the sentiment anyway.

Quote:


Originally Posted by **willygoat**
That looks amazing Mike!!! Your wife better watch out. Pretty soon you'll be using a whisk for something. Maybe even a garlic crusher of something. 🍷

#919 (permlink)


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

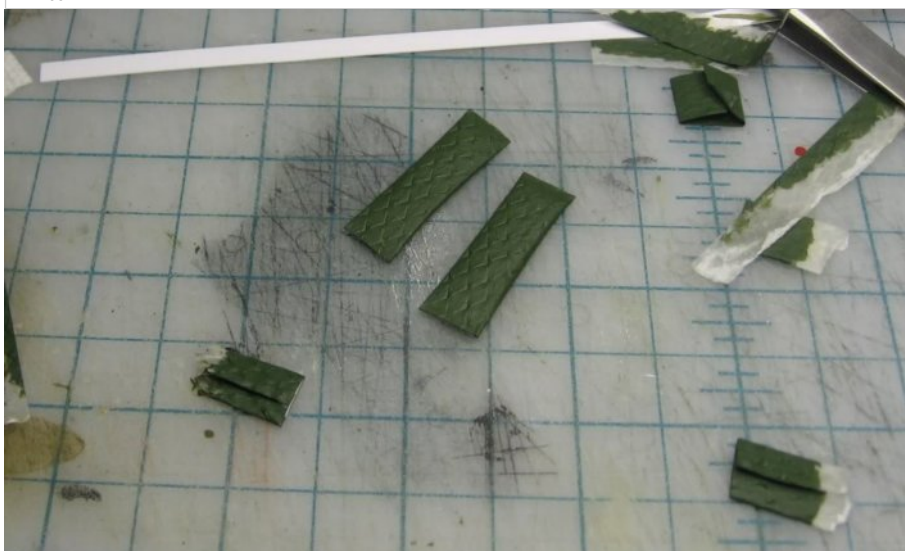
Thanks WillyG, good to see you since the server crash! There *is* a cheese grater in the kitchen I have my eye on.....

So, took the simulated quilted stuff and made the poor gunner something to kneel on. Stuff some layers of paper towel to "puff" them up a bit:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705 and weights 100KB.

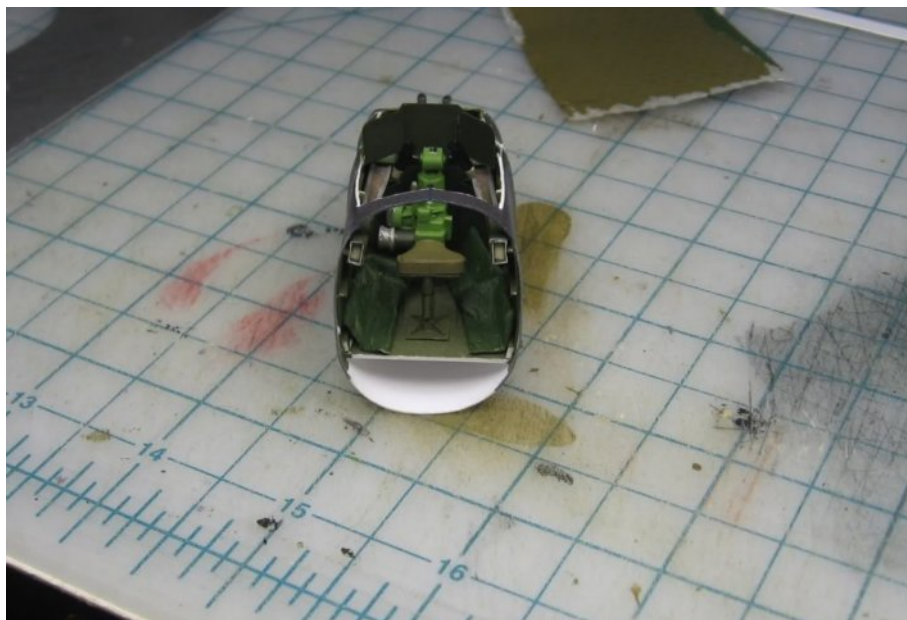



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x616 and weights 85KB.

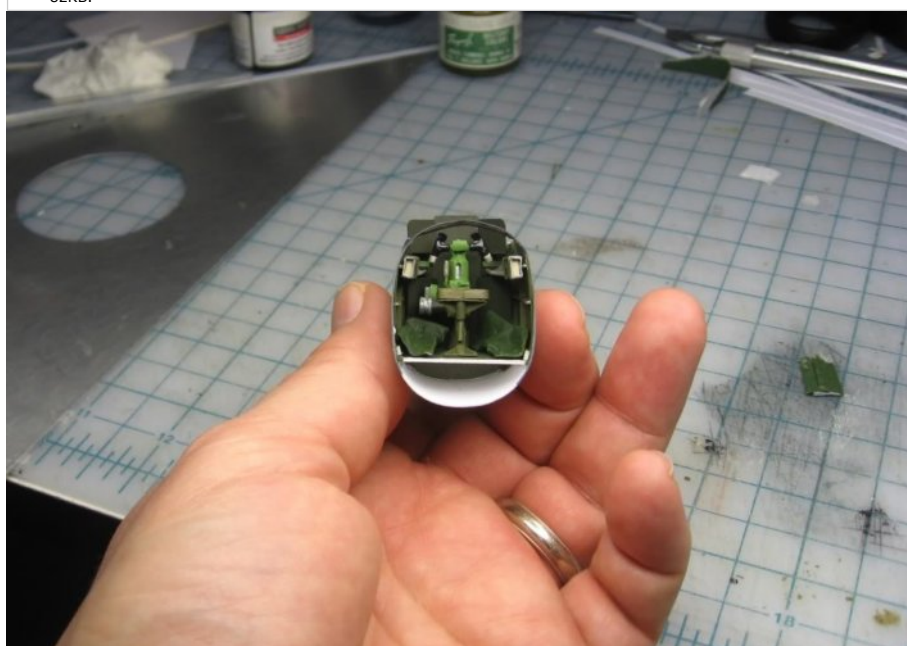



And put them in a (hopefully) haphazard, casual way:

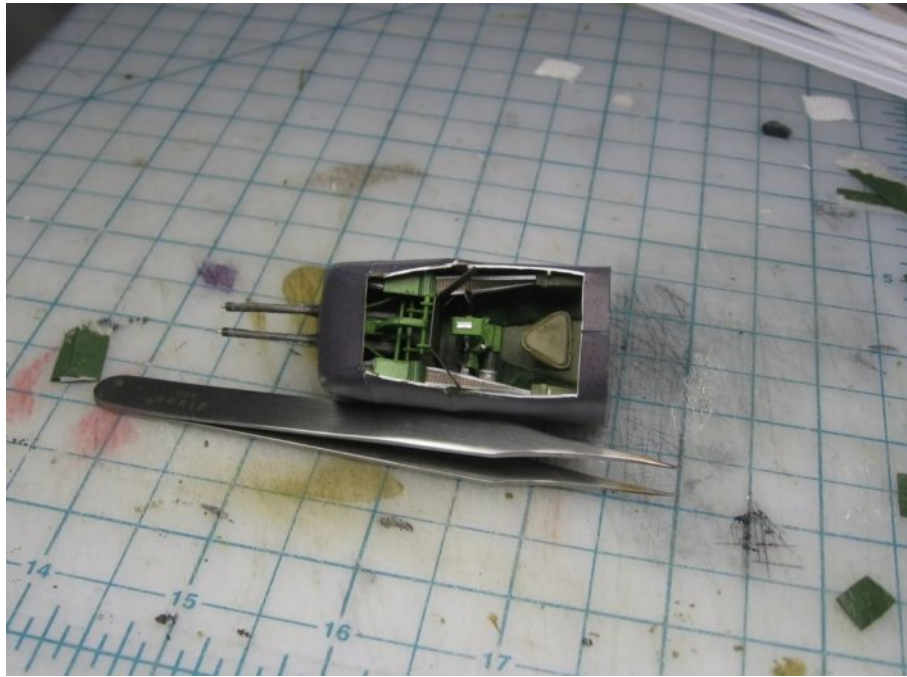
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x697 and weights 93KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721 and weights 82KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x757 and weights 104KB.



Gives it a homey look now, right? I have some left over white belts from the set I used on the navigator's seat up front. Should work well for the safety harness here with some (minor) modifications.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-20-2010, 04:27 PM

#920 (permalink)



Papercut
Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,323

I am now at a loss for words. You are right about the Fire Blanket in Armor vehicles. Out Freaking standing. You have set the bar very high my friend. Rick

Last edited by dansls1; 02-21-2010 at 09:30 AM.



Page 92 of 100 << First < 42 82 90 91 **92** 93 94 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:34 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Page 93 of 100 << First < 43 83 91 92 **93** 94 95 > Last >>

LinkBack Thread Tools Display Modes

02-20-2010, 06:34 PM

#921 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

[QUOTE=Papercut;104395][B]I am now at a loss for words. You are right about the Fire Blanket in Armor vehicles. Out Freaking standing. **You have set the bar very high my friend.** [URL="http://www.smileycentral.com/?partner=ZSzeb001_ZJxdm380YYUS"] Rick

Is that the bar just poking out of the cloud overhead you mention 😊 Tis wonderful work for sure - Dreams of myself doing this kind of work, reality... ummm, well i don't think i could get this close to the guy we call Mike THE man BOMARC 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder

Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>

Last edited by dansls1; 02-21-2010 at 09:38 AM.

02-22-2010, 09:29 PM

#922 (permalink)



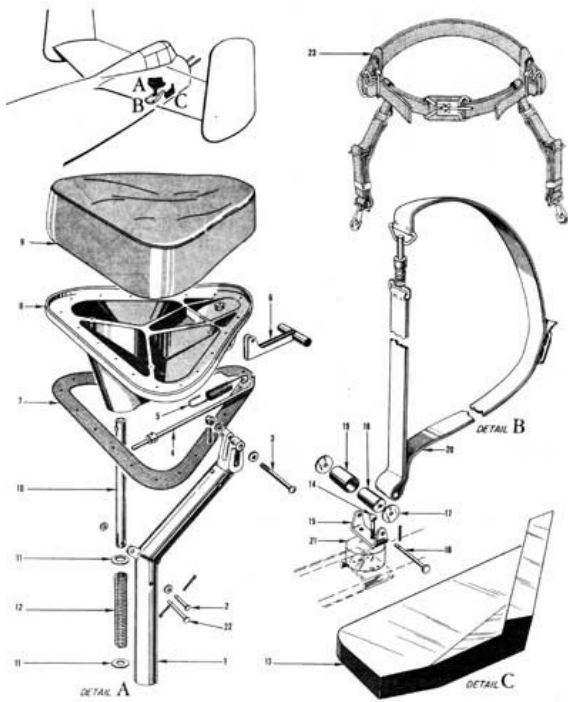
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


All righty then, wrapping up the innards of the tail gunners station. As mentioned before, I took the remains of that seat belt set I used for the nav's seat, and fashion a safety harness:

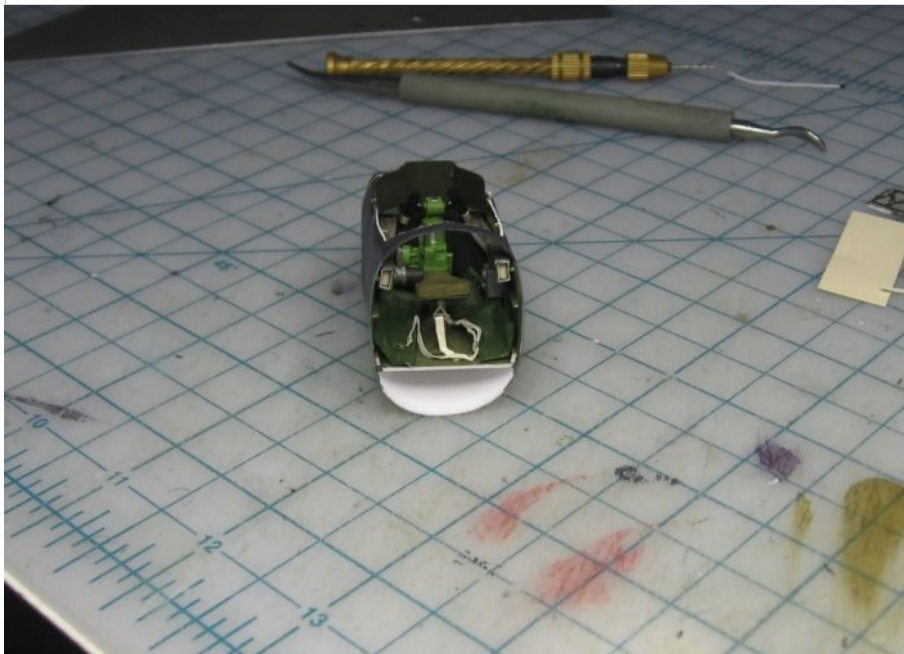
This image has been resized. Click this bar to view the full image. The original image is sized 1024x723 and weights 89KB.




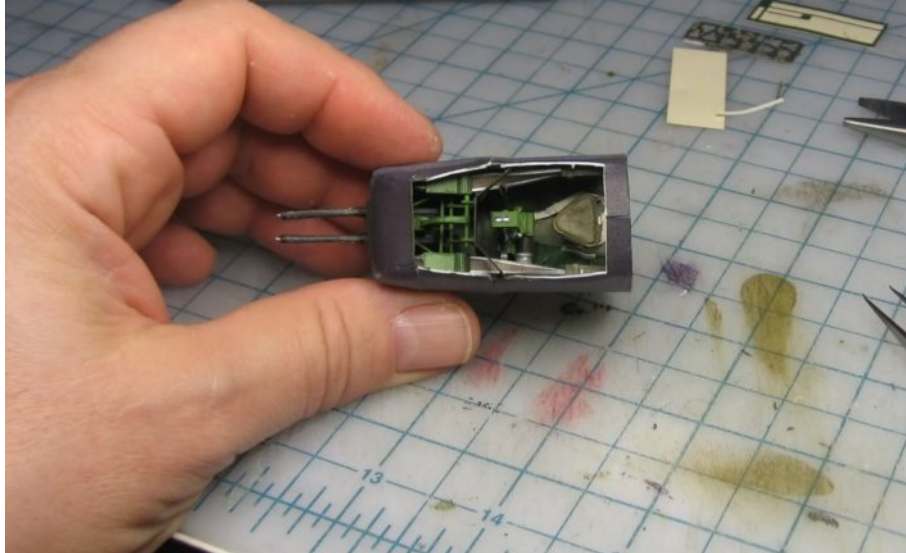


Not nearly the amount of webbing as seen in the drawing, but enough to give an idea. Also made my last intercom controller (the silver box). In they go:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x735 and weights 94KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x624 and weights 83KB.




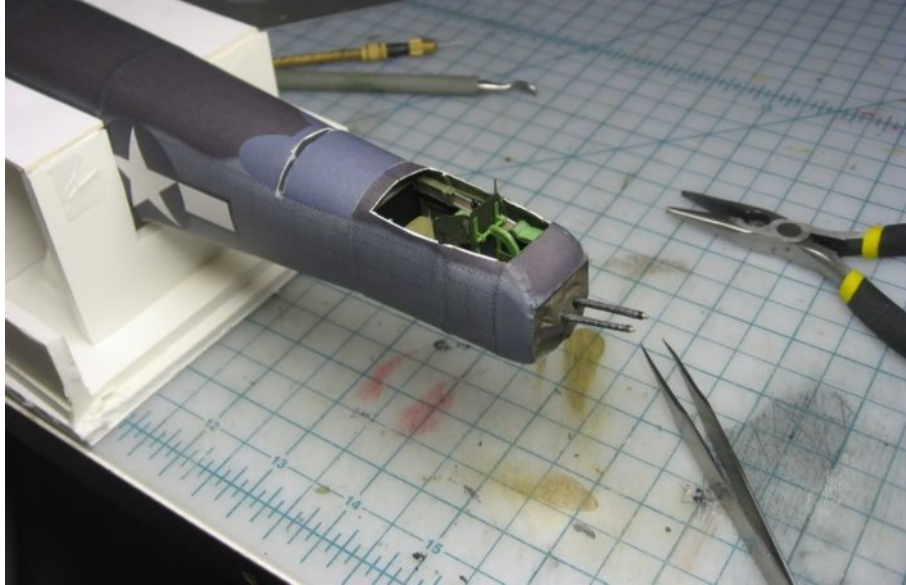
This will be the last time I take shot from this end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x718 and weights 80KB.




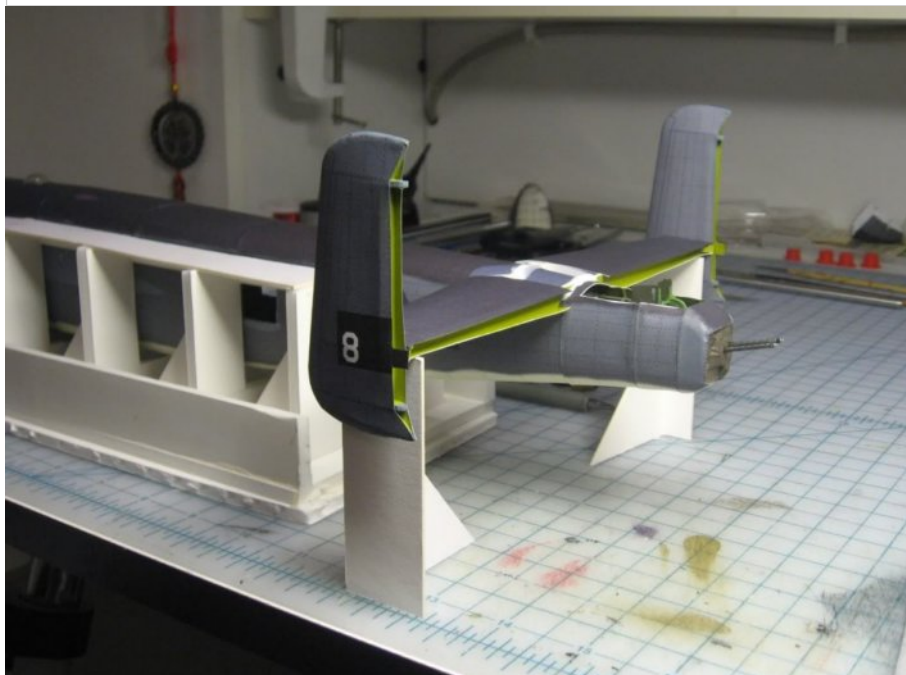
And that's it. Attached permanently to the fuselage:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x659 and weights 93KB.

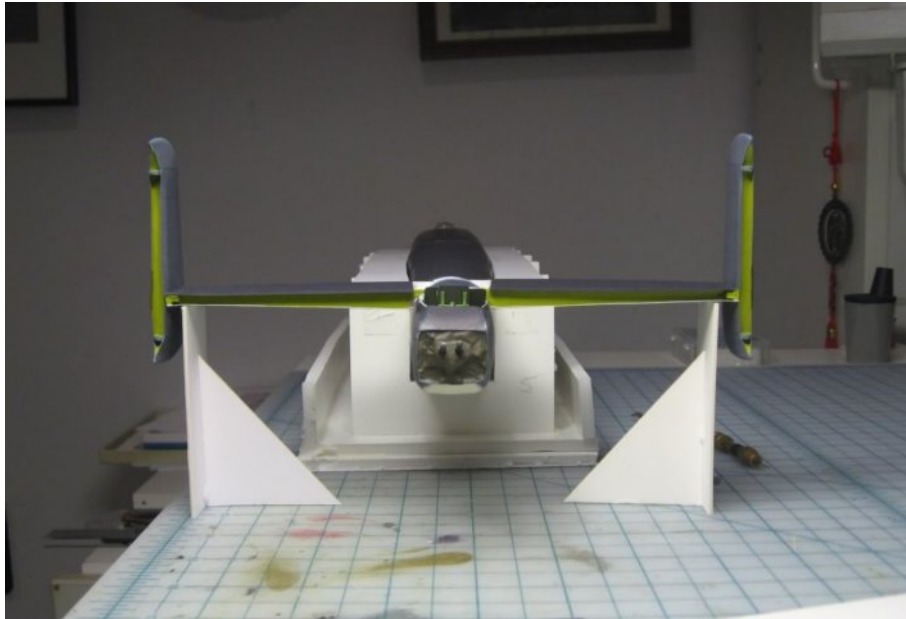


In the first joining of major components, the stabilizer with fins gets permanently attached. Some mat board props combined with the fuselage in it's jig help keep everything square:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x758 and weights 89KB.

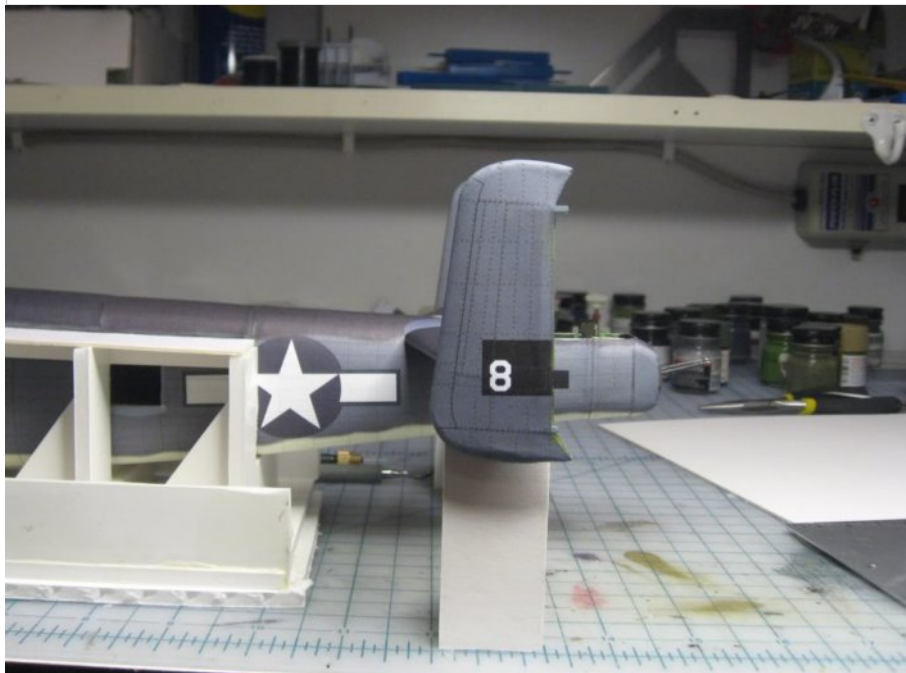


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x697 and weights 60KB.




The leading edges of the fins are parallel, a good sign:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x754 and weights 86KB.



The grid on your cutting mat is a good aid for alignment too:

 This image has been resized. Click this bar to view the full image. The original image is sized 694x1023 and weights 90KB.



So once it's all dry, I can start to fair this and the canopy in. I'm running out of parts....

Mike

P.S. **HAPPY BIRTHDAY WILL!!**

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-22-2010, 10:04 PM



Padre
Member

#923 (permlink)

Join Date: Aug 2007
Location: Arizona
Posts: 493

Still impressed with the workmanship and detail on this model!

Sit quietly, doing nothing, spring comes, and the grass grows by itself. 😊

<http://www.usswhiteriver.com/>



02-23-2010, 12:02 AM

#924 (permalink)



YuG
Member

Join Date: Jul 2007
Location: Tokyo, Japan
Posts: 673

Mike, no matter how many times I see your thread it's unwearying 😊



02-23-2010, 05:53 AM

#925 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Padre! Good to see you here again and thanks for the kind words.

Many thanks to you also, Yu. This thread may be unwearying to you, but it's starting to *wear* me down! But we're having fun, yes?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-23-2010, 06:43 AM

#926 (permalink)



YuG
Member

Join Date: Jul 2007
Location: Tokyo, Japan
Posts: 673

Yeap! While you are wearing down, I'm enjoying your build over a beer kicking back in a hotel room. I found a new way how to enjoy paper model. Cheers! 🍺



02-23-2010, 07:08 AM

#927 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

This thread as been and still is as much fun as you could wave a very very long stick at, even when completed, this model build thread will be with us all forever - a bench mark for us all. Very nice work as always, and your attention to detail still ceases to amaze at every turn of the page 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



02-23-2010, 02:47 PM

#928 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 175

wow...simply...

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



02-24-2010, 08:21 PM

#929 (permalink)


Join Date: Jul 2007
Location: Burke, Virginia

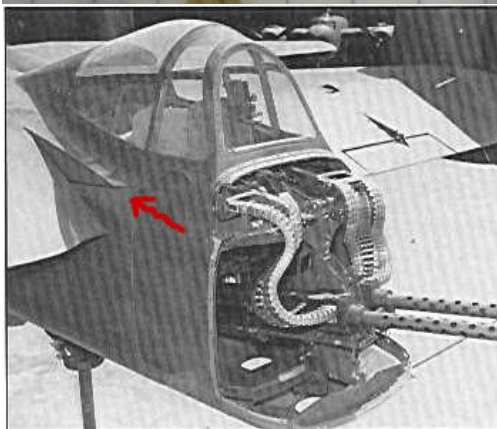
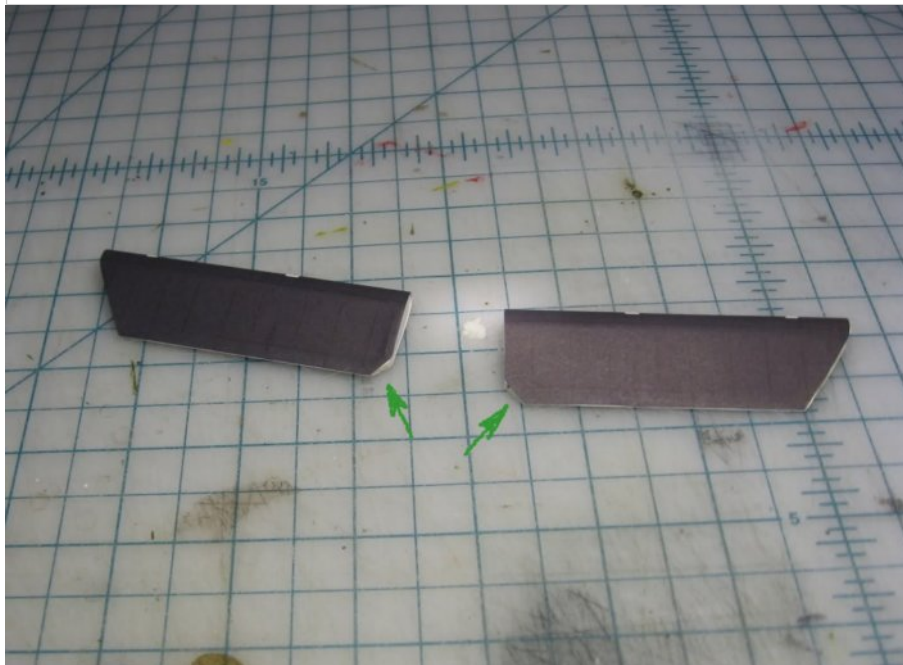


Bomarc
Member


Posts: 629

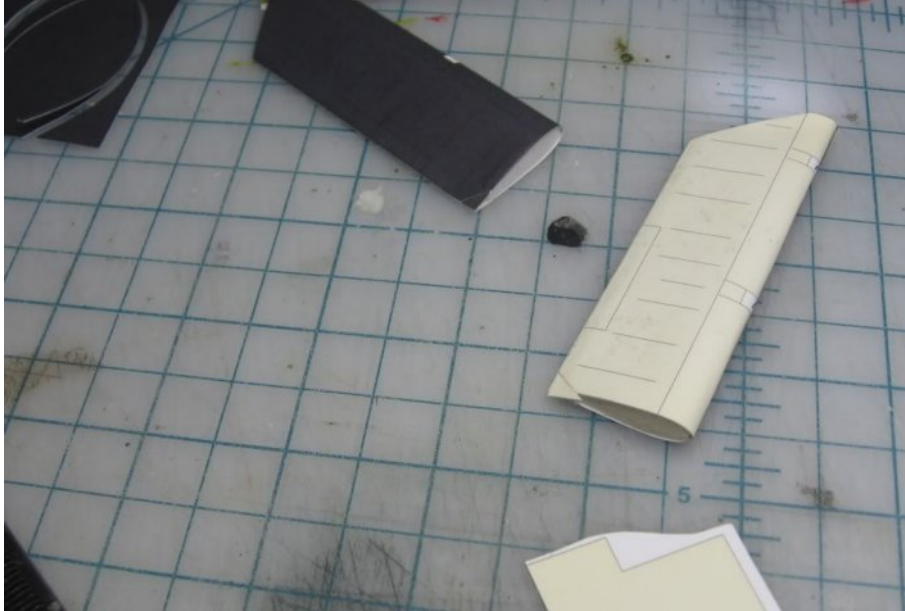
Tiny update tonight as I've been formulating a battle plan as to how I'm going to make the tailplane look like it's part of the fuselage (I don't know yet!). One thing I discovered was that Orlik nipped the corners off the elevators. Not sure why they did that (green arrows, along with the original article to compare):

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x748 and weights 95KB.




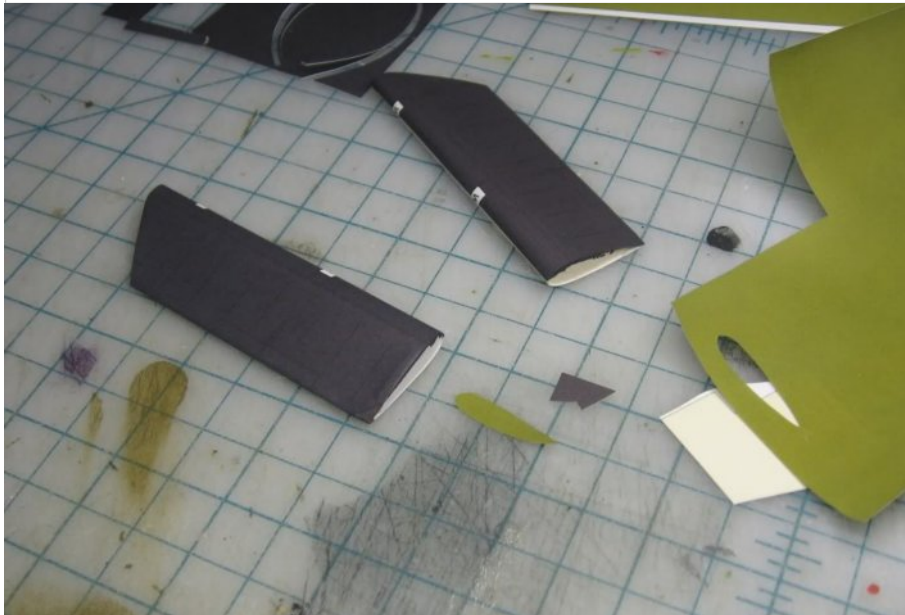
If you recall, I assembled the elevators at an "undisclosed location in Southern New Jersey" so I didn't have all my ref's handy, otherwise, I might have left some extra material on when cutting out the skins and painted to match. No matter, tonight was spent restoring the corners. Took some of the swatch material supplied in the kit:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x689 and weights 78KB.

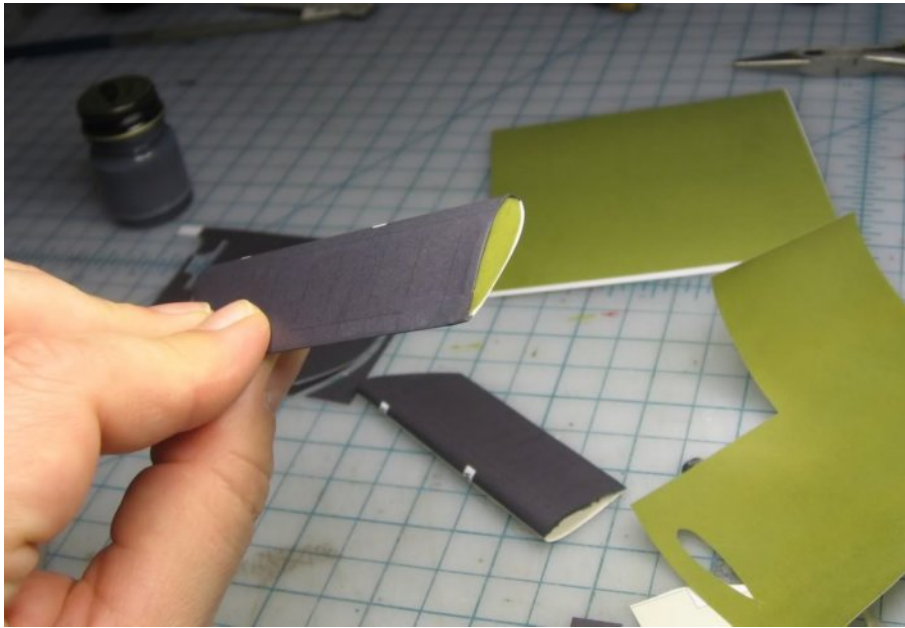


Trimmed and edges touched up, I printed some yellow-green swatch material of my own (both in 20lb printer paper and 65lb card), sealed with fixative spray and used the lighter weight to make a cover piece to finish off the end:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x691 and weights 87KB.

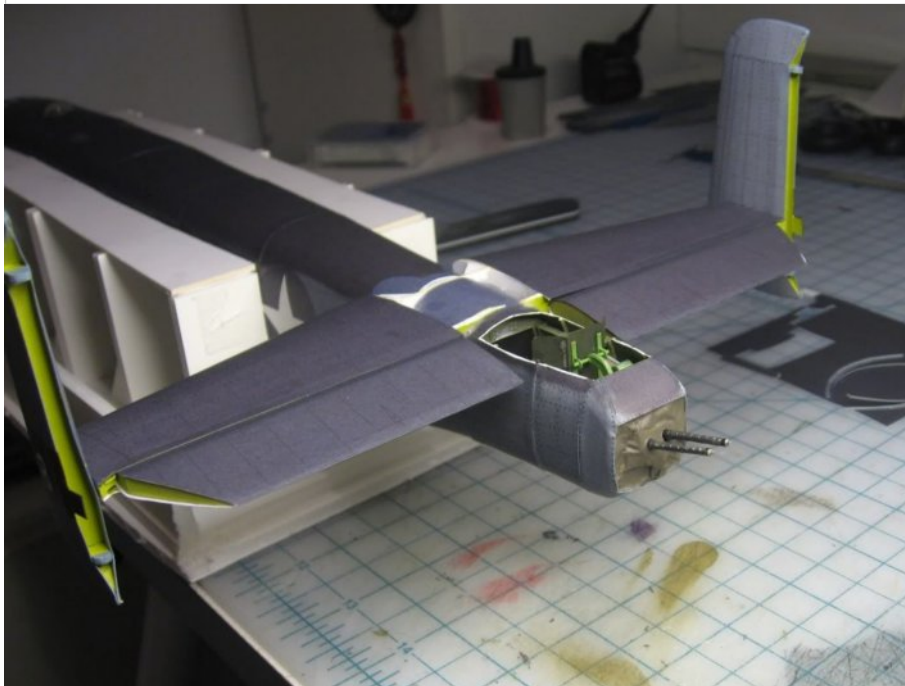


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x702 and weights 58KB.



Now I can start building up the fuselage fairing to match the final end condition of the elevators, plus throwing the gunner's canopy framing into the mix:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x771 and weights 85KB.



Just wish I knew what I was going to do there.

It'll come to me...

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 02-24-2010 at 08:33 PM.



 02-24-2010, 10:32 PM

#930 (permlink)

[willygoat](#) 

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,382



Member

Quote:

Originally Posted by **Bomarc**
Just wish I knew what I was going to do there.

It'll come to me...

Hmm. I know. You'll make it freakin' AWESOME!!!!



Page 93 of 100 << First < 43 83 91 92 **93** 94 95 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:35 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 94 of 100 << First < 44 84 92 93 **94** 95 96 > Last >>

LinkBack Thread Tools Display Modes

02-25-2010, 07:12 AM

#931 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Quote:

Originally Posted by **willygoat**
Hmm. I know. **You'll make it freakin' AWESOME!!!!**

This is **GUARANTEED**

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder

Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rgu52si0Fzk>

Quote

02-25-2010, 07:23 AM

#932 (permalink)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,335

No pressure of course<G>

I'm not making it up as I go along, I'm establishing precedent

Quote

02-26-2010, 06:29 AM

#933 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Quote:

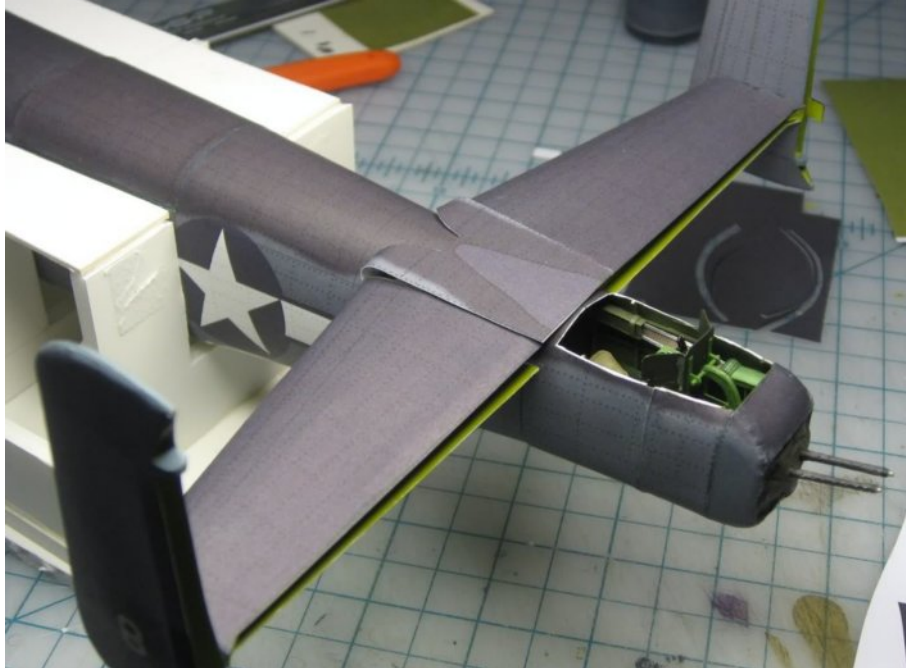
Originally Posted by **shrike**
No pressure of course<G>

Nothing but ice water in these veins Mark....now where'd I put that bottle of vodka....?!!


It's official, Orlik *hates* me! OK maybe not, and I shouldn't take these things personally, but man. So, I'm down to the last few somewhat major skin pieces of this kit, one of which is the center stab section. Cut it out and dry fitted. Gotta say, fits like a glove, but check out the coloration:

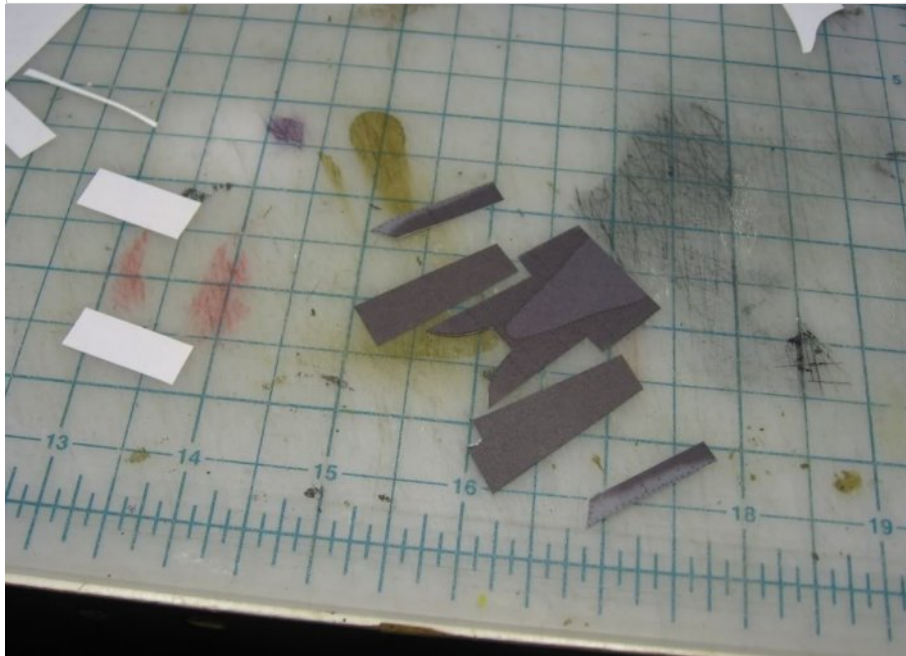


This image has been resized. Click this bar to view the full image. The original image is sized 1023x754 and weights 92KB.




Huh? What? I guess the designer thought this piece wraps around to the lower side where the gray is. So I had to modify with more extra dark blue pieces:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x736 and weights 97KB.




Stinks because not only do I have to touch-up and blend the joints, but I loose the cool rivet patten too. The rivets tend to wash out in the dark blue anyway, so OK:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x725 and weights 87KB.



Last of the kit's parts before I start detouring with scratch built stuff, the canopy fairing:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x748 and weights 97KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x741 and weights 87KB.

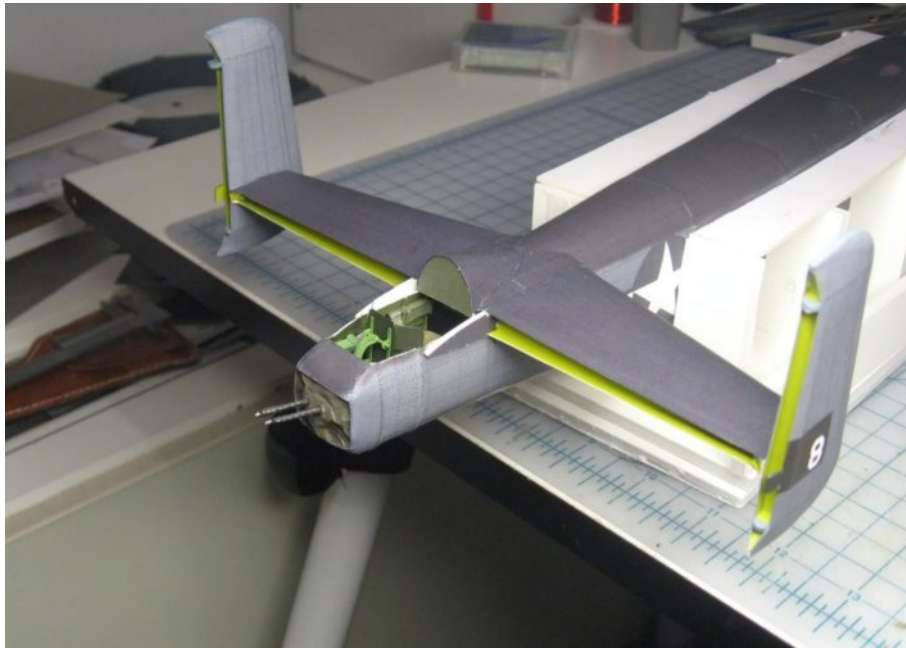


Then added new elevator end fairings using mat board lined with more of the extra blue card from the kit:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x717 and weights 99KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726 and weights 83KB.



Next will be the canopy base framing and that should set the stage to tie it all together.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



02-26-2010, 07:48 AM



willygoat
Member

Lookin pretty sweet!

#934 (permlink)

Join Date: Jul 2007
Location: Papillion,Nebraska
Posts: 1,382



02-26-2010, 11:43 AM



peter taft
Member

Quote:

Originally Posted by **willygoat**
Lookin pretty sweet!

Ditto... Very sweet indeed 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder

Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>

#935 (permlink)

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284



02-26-2010, 11:51 AM



cmags
Member

Just as expected. 😊 This thread is a real inspiration - hopefully I can apply some techniques learned here to my Old Crow build.

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)

#936 (permlink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 493





02-26-2010, 12:04 PM

#937 (permlink)

**legion**
MemberJoin Date: Jun 2009
Posts: 193

Each time I read this thread i die a little... So awesome!

print, cut, score, fold, glue, gloat.

www.n15.nl Total Annihilation paper models.

Just released: Arm Bulldog / Core Reaper

Current wip: [Airbus A340-300](#)



02-26-2010, 03:38 PM

#938 (permlink)

**Don Boose**
MemberJoin Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,555

Continuing to track with great interest and pleasure.

Don



02-26-2010, 04:20 PM

#939 (permlink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Quote:

Originally Posted by **legion**
Each time I read this thread i die a little...

My Lord, I hope that's not really the case. Well, we'll bring you back to life. Nurse! Bring Mr. Legion a paper model, and start an IV of Elmer's, stat!!

Quote:

Originally Posted by **Don Boose**
Continuing to track with great interest.....

Me too Colonel, 'cause *I'm* still not quite sure how this campaign is going to turn out.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

Last edited by Bomarc; 02-26-2010 at 04:34 PM. Reason: Oh, you never give up, do you?!! Always with the "why why why?"...feh!



02-26-2010, 04:36 PM

#940 (permlink)

**Retired for now**
MemberJoin Date: Jun 2009
Location: NW Florida
Posts: 1,195

Just superb - and I'm (reasonably) certain (within Heisenberg limits) that it will finish even better!

Yogi



Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 95 of 100 << First < 45 85 93 94 **95** 96 97 > Last >>

LinkBack Thread Tools Display Modes

02-26-2010, 05:12 PM

#941 (permalink)



legion
Member

Join Date: Jun 2009
Posts: 193

Quote:

My Lord, I hope that's not really the case. Well, we'll bring you back to life. Nurse! Bring Mr. Legion a paper model, and start an IV of Elmer's, stat!!

I got too many going on already, not counting the tanks i'm working on...

Let's see, i got a Vf-x, Airbus A340-400 (Air Tahiti Nui from Canon), the Kongo and another plane partially built. Then i got one of Etsutans free ships printed, same with Canon's Midget car...

And finally i got 4 JSC kits i don't even dare touching, because i know my skills aren't that good. I mean, i failed with FG planes...

But I die mostly because of the learning from this thread here. Good way to go!

print, cut, score, fold, glue, gloat.

www.n15.nl Total Annihilation paper models.

Just released: Arm Bulldog / Core Reaper

Current wip: [Airbus A340-300](#)

 Quote

02-26-2010, 05:15 PM

#942 (permalink)



YuG
Member

Join Date: Jul 2007
Location: Tokyo, Japan
Posts: 673

It's so realistic that I want to hop in on the gunners stations!!!

 Quote

02-26-2010, 07:27 PM

#943 (permalink)



Sidewinder81777
Member

Join Date: Jun 2009
Location: Jacksonville, Florida
Posts: 310

Simply breathtaking!

<http://www.sidewinderslair.info>

How shall we **** off oh lord?

 Quote

02-26-2010, 09:11 PM

#944 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Thanks Sidewinder. It's seemingly coming together, but I never can tell from day to day.

Quote:

Originally Posted by **legion**

I got too many going on already, not counting the tanks i'm working on...But I die mostly because of the learning from this thread here. Good way to go!

Oh well then, you're good to go. Keep building, sharing, repeat. That's my prescription.....

Quote:

Originally Posted by **YuG**
It's so realistic that I want to hop in on the gunners stations!!!

Yu, many years ago I decided to try keeping a Bonsai tree. I read up on it and got myself a little juniper tree, already trained to grow like it was being swept by the winds. I really like that little tree, and the whole idea of it appealed to my modeler's spirit; it was a living scale model of an actual tree after all. The apartment I had back then only had a Northern exposure, so I couldn't give it much sun and the tree suffered for that, so I eventually gave it to someone who could take better care of it and nurse it back to health. But for the time I still had it, I would imagine what it would be like to be under this magnificent tree, tall with the wind blowing. Your post above made me think of that little tree and the feeling one gets from seeing miniatures of larger things.

Don't know why I shared that, but there you go.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



02-27-2010, 03:15 AM

#945 (permalink)



pahorace
 Member

Join Date: Apr 2008
 Location: Italy (Sicily)
 Posts: 362

This is a wonderful thread and a great and detailed tutorial as everyone is now recognized. For me, this thread is important because it suggests that the material 'paper' does not place limits of accuracy and detail in the models (this is what strikes me most). Congratulations Mike! Thank you for this demonstration.

Orazio



02-27-2010, 03:52 PM

#946 (permalink)



Bomarc
 Member


Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 629

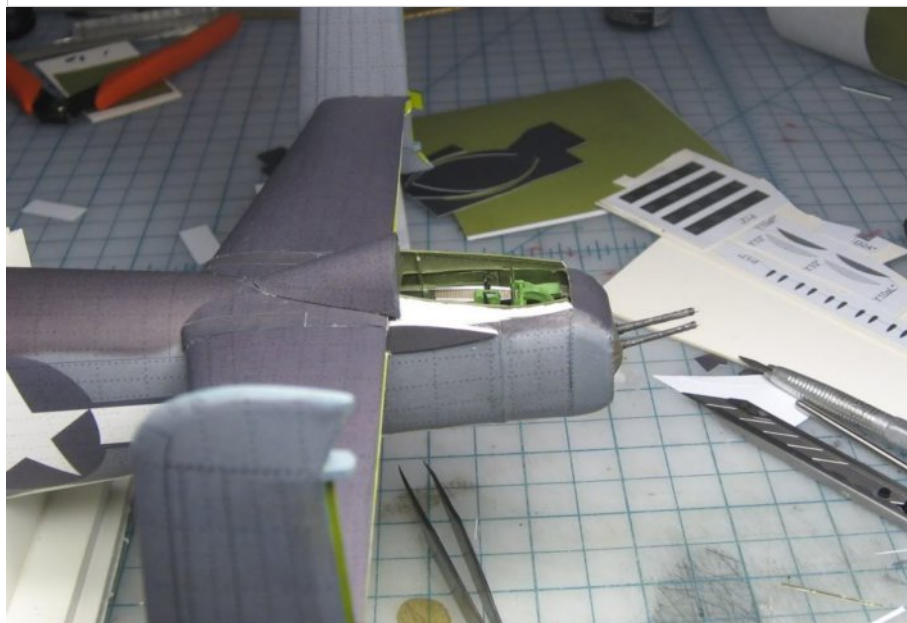
Grazie Orazio!


In the spirit of our friend's post above, my first attempt to blend in the tail section like the original. First the remaining sides were added to form the base of the canopy. Some internal structure detail added and touch-up paint applied:

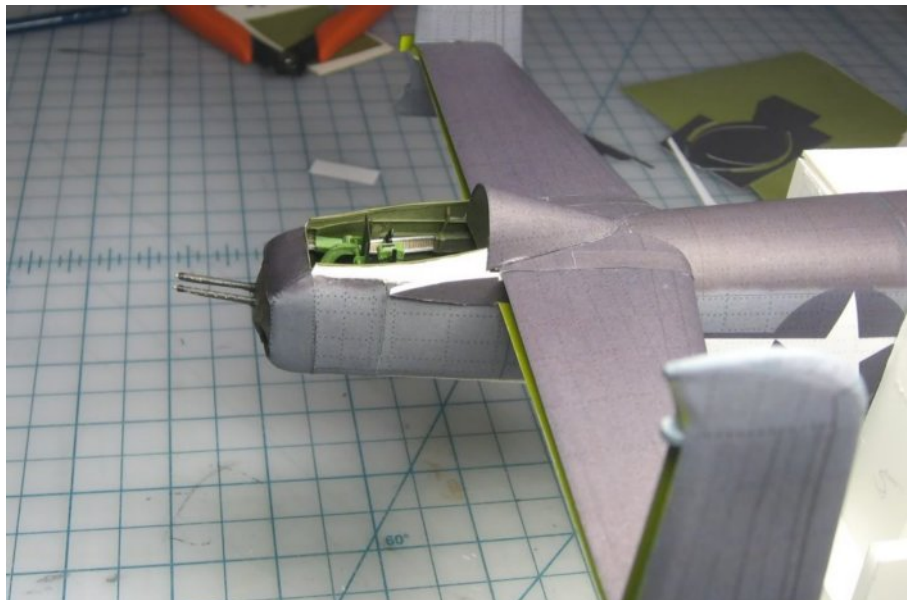
This image has been resized. Click this bar to view the full image. The original image is sized 1024x756 and weights 92KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x698 and weights 93KB.

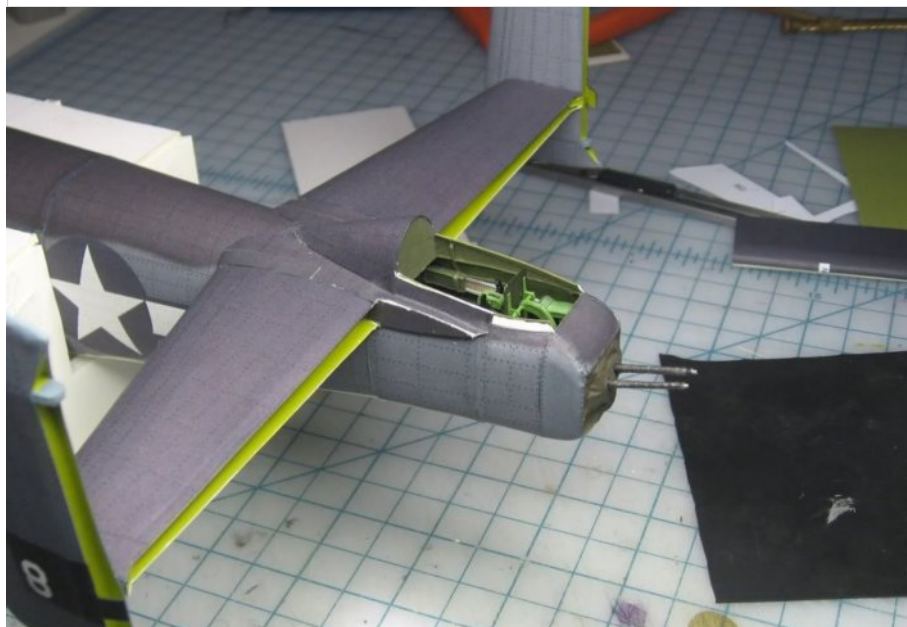



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676 and weights 79KB.

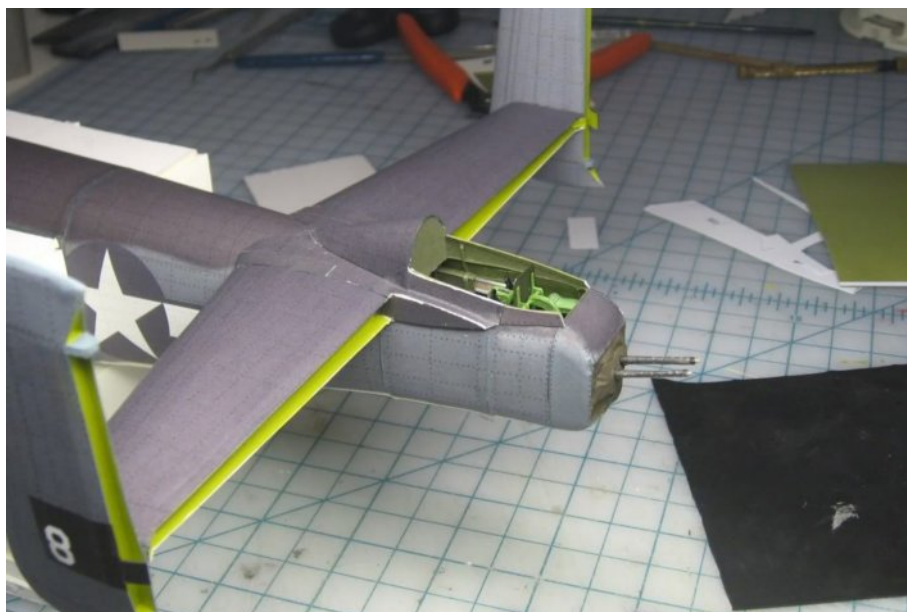


I had to detach the side armor pieces as they were in the way. I'll leave them off until the bitter end when the canopy goes on for good. That's when the gun sight will be added. First stab at a fillet using the extra kit material. I don't if this is what Orlik had in mind when they included all those extra swatches of color, but it sure has come in handy:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x701 and weights 90KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x686 and weights 84KB.

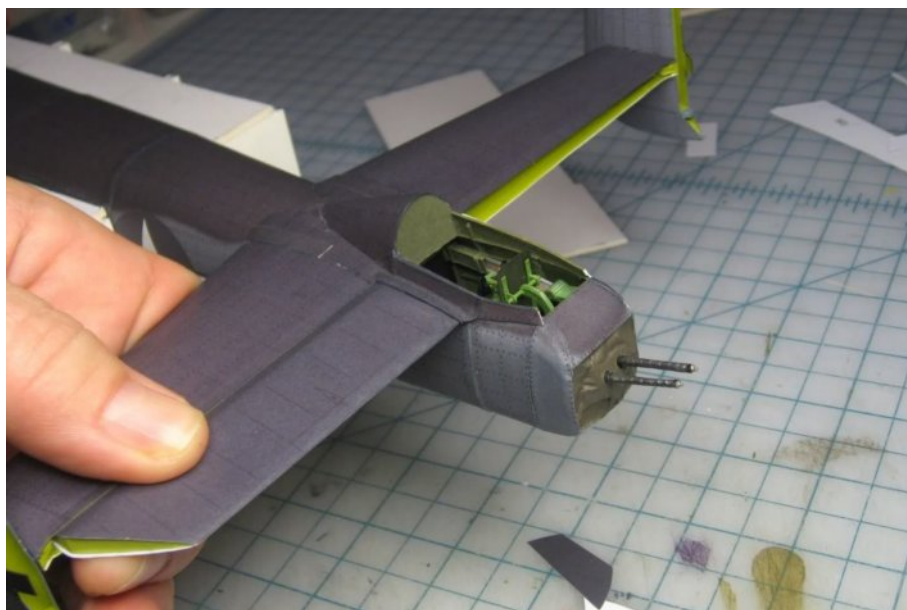


Touch up paint, and not too bad:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730 and weights 98KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x680 and weights 79KB.



Get the other side and then the bottom done, and work on a canopy mold plug can begin.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 02-27-2010 at 04:47 PM.



02-28-2010, 08:11 AM




Bomarc
Member


#947 (permalink)

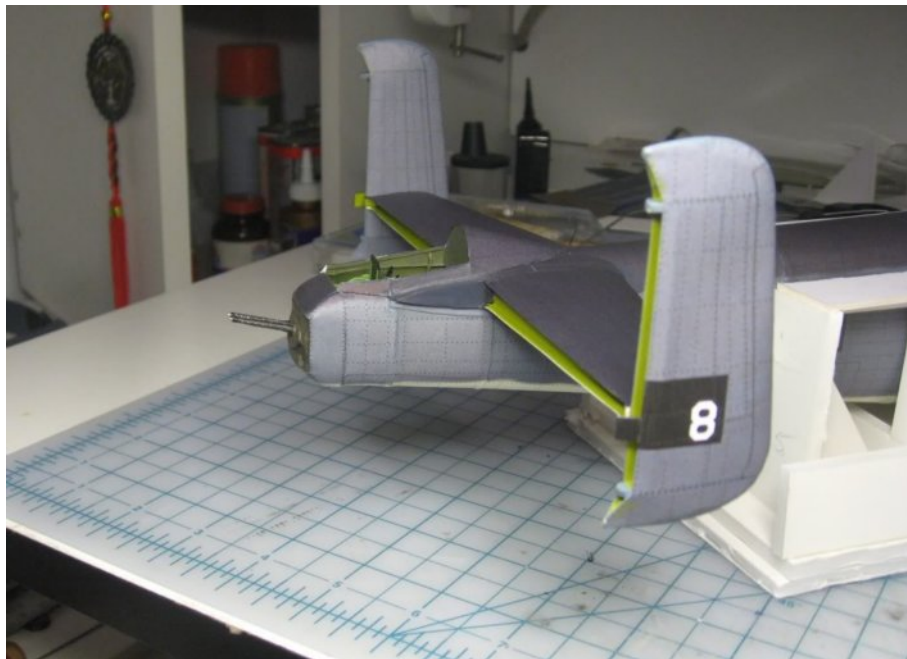
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629


Well, that went quicker than I thought it would. Done with tail plane blending, or maybe it's "tail plane bending" like that avatar kid (if you don't have a kid who watches the "Avatar" cartoon, that probably went over head):

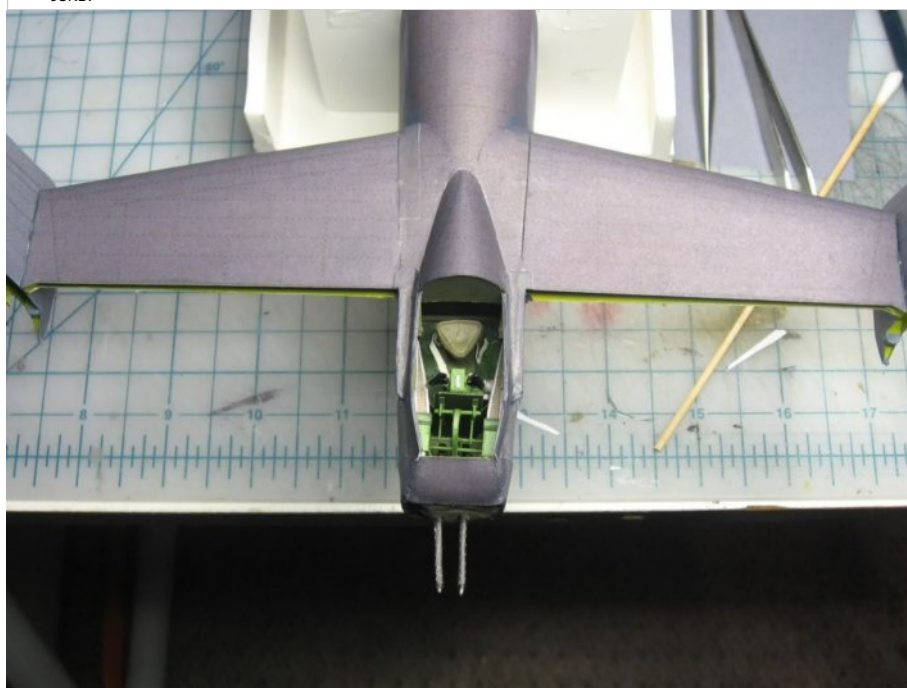
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x738 and weights 93KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x738 and weights 88KB.



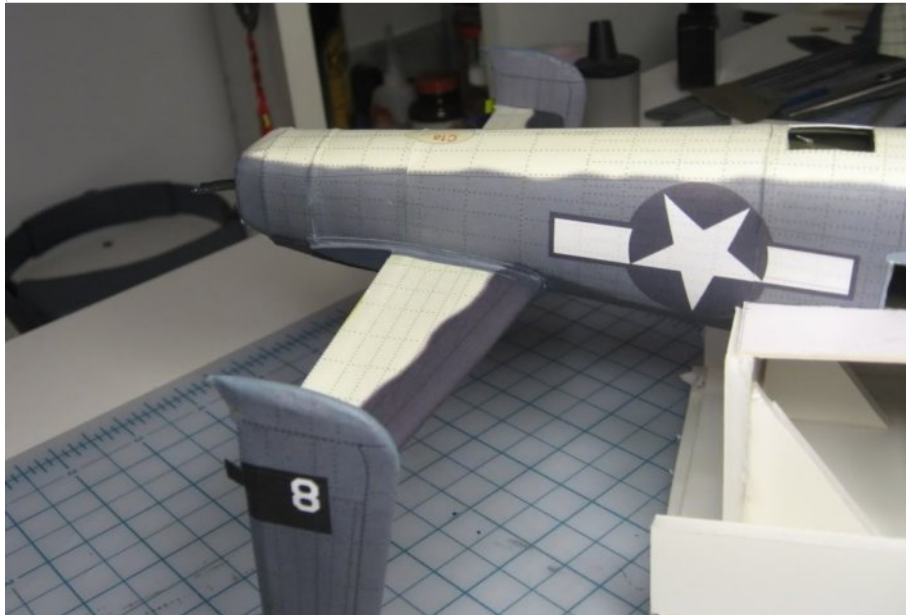
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x771 and weights 95KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x740 and weights 90KB.

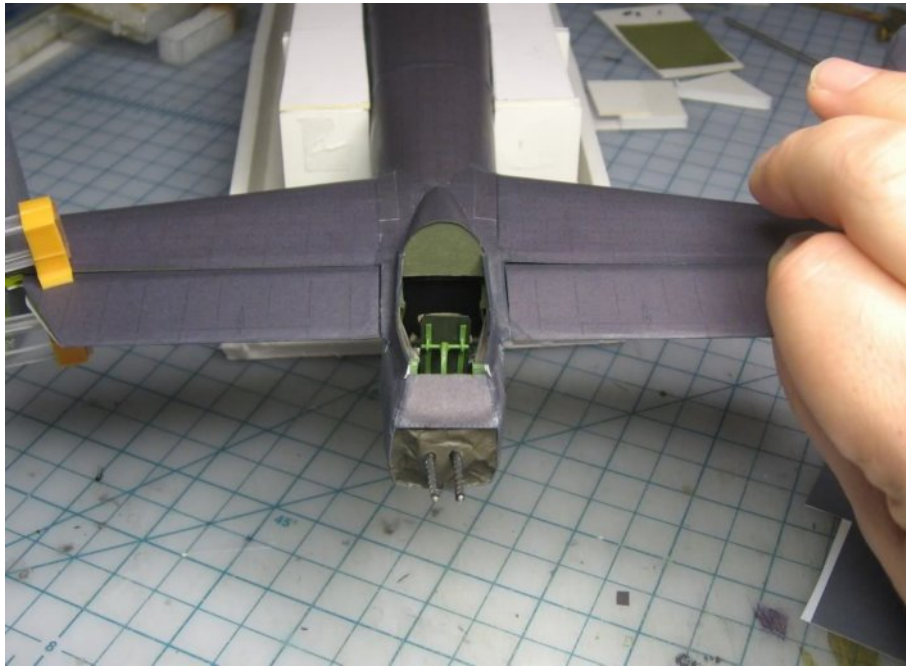


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x692 and weights 73KB.



At least now the stab looks like it's part of the whole plane, and the elevators aren't just hanging from the back with no connection to the fuselage:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746 and weights 92KB.



Mold making time.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



02-28-2010, 10:33 AM

dovbear
Member

#948 (permlink)

Join Date: Jul 2007
Posts: 21

This build is an icon...and an inspiration, and a cool subject doesn't hurt...

I should mention that I bought a set of 9 hole punches from Harbor Freight - for 5 bucks! They work pretty well - could do with some sharpening from a rattail needle file and a stone, but they're english sizes from 1-8th thru 3-4ths of an iinch. Keep up the inspiration!



02-28-2010, 10:39 AM



birder
Member

#949 (permlink)

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 2,049

Great job Bomarc! Love the tail gunner's spot. This entire build has been as pretty as that first engine..

Glen



02-28-2010, 12:55 PM



Don Boose
Member

#950 (permlink)

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,555

Excellent work from the Last Tail Plane Bender!

Don



Page 95 of 100 << First < 45 85 93 94 **95** 96 97 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation
 Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Page 96 of 100 << First < 46 86 94 95 **96** 97 98 > Last >>
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

02-28-2010, 03:09 PM

#951 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 629

Quote:

Originally Posted by [Don Boose](#)
 Excellent work from the Last Tail Plane Bender!



Of course a grandpa would know about Aang, the Last Air Bender! Maybe we can have a new character base on him: "The Last Paper Bender" and he has a blue silhouette of an Elmer's glue bottle on his bald head.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

03-01-2010, 07:56 PM

#952 (permalink)

Wily
Member

Join Date: May 2009
 Posts: 202

What gets me is how bomarc's work must look to the naked eye.

He has a masterful eye for detailing; I can relate (somewhat) from an artist's perspective in that there's a temptation to exaggerate things like weathering or textures for the sake of realism - the end result is often impossibly harsh (but 'seems' right).

Instead, bomarc's choice of purity and focusing on the medium rather than the message is all-the-more impressive.

This is my favorite model to watch.

wily
 "I interview WW2 pilots and draw their airplanes."
 My website: www.johnmollison.com
 My blog: www.ww2fighters.blogspot.com

03-06-2010, 08:00 AM

#953 (permalink)

Join Date: Jul 2007




Bomarc
Member

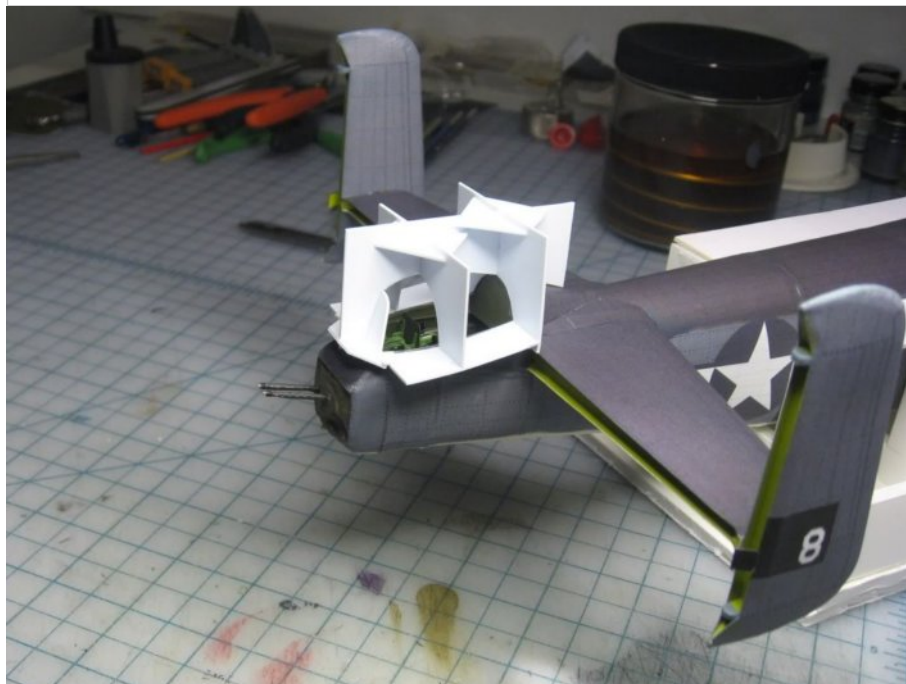
Location: Burke, Virginia
Posts: 629


Thanks John, I didn't know I was doing all that!

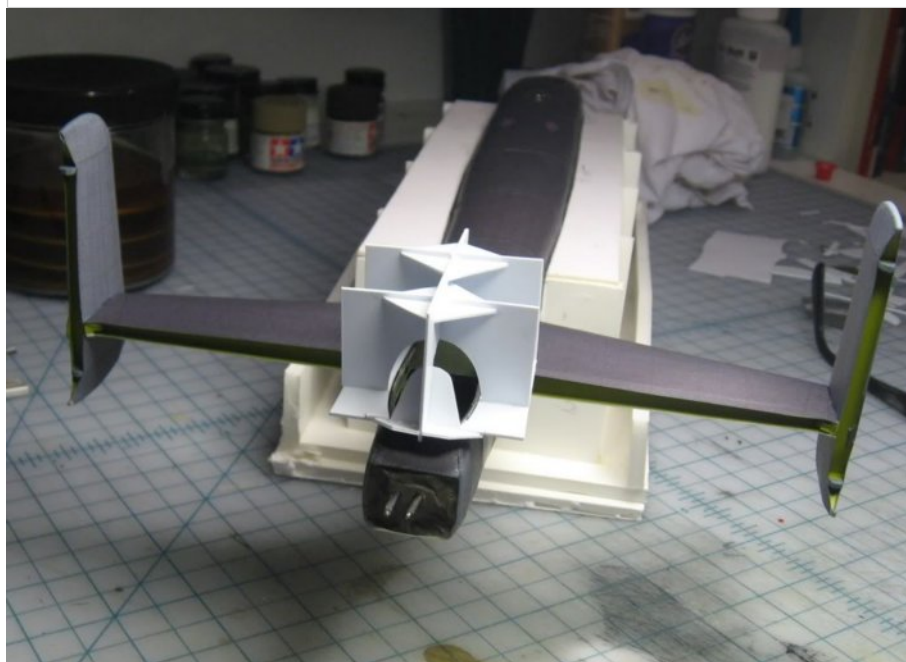
Not much to report today, spent the last week creating the mold plug for the gunner's canopy. Did it exactly like the cockpit canopy that came before so just a quick update here. I did deviate in that I didn't have any Fimo on hand, so went with an all Milliput mold. Messy stuff to have to knead and shape, but it comes out hard.

So in a nutshell, made a template:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x766 and weights 90KB.

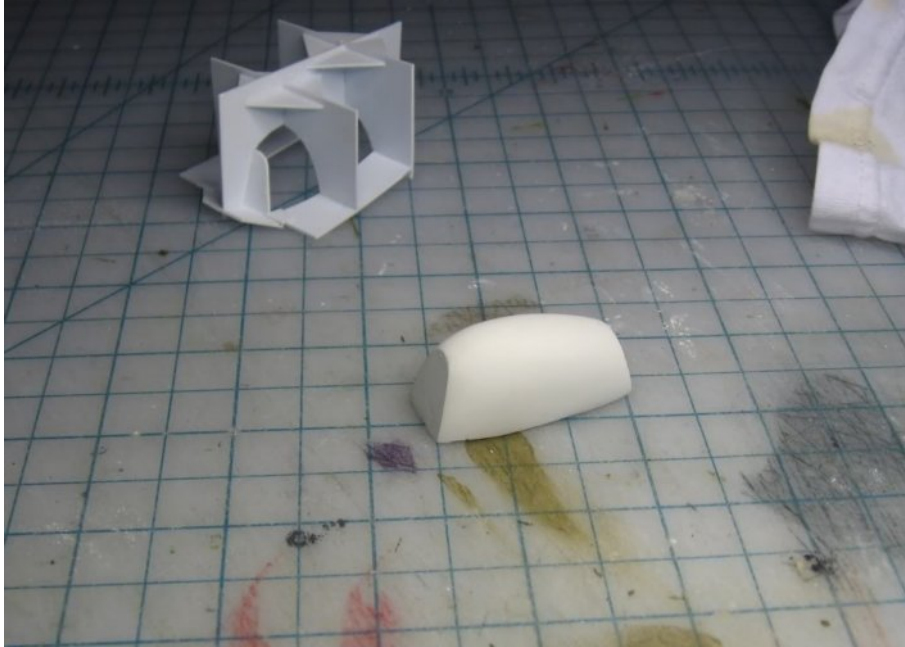



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x740 and weights 81KB.

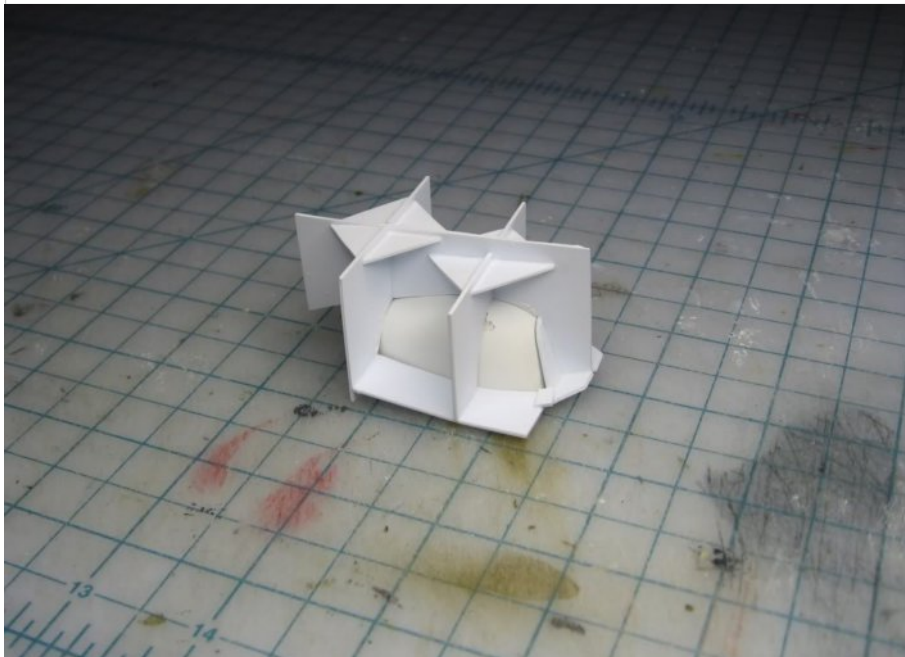



Shaped a Milliput blob to finish dimensions:

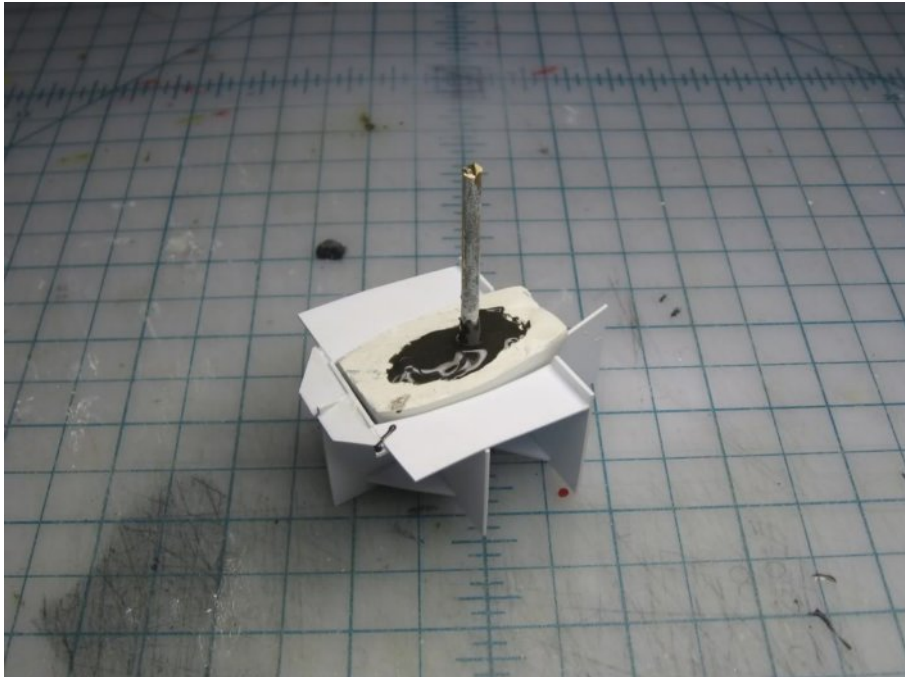
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x728 and weights 78KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x737 and weights 80KB.

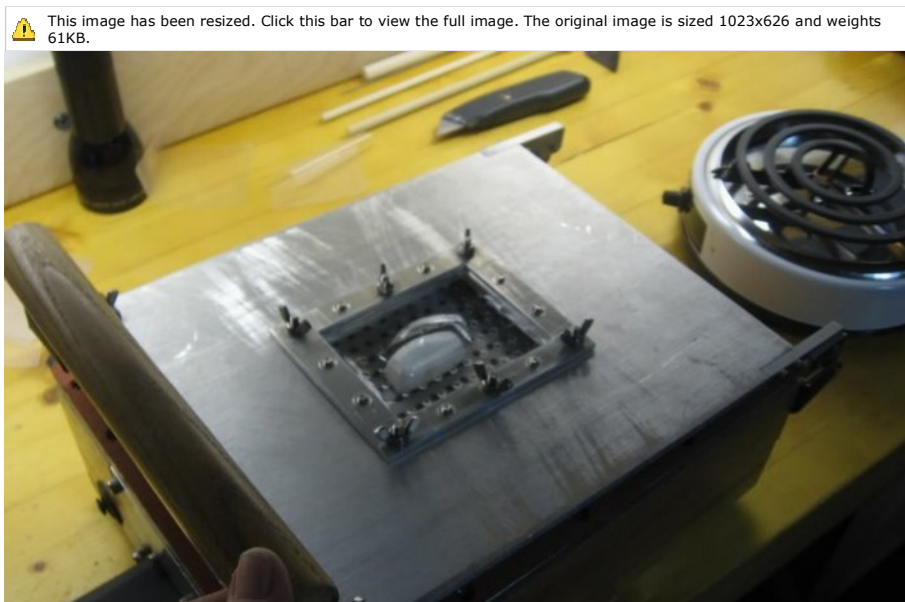


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x761 and weights 83KB.



One of the reasons I like to polish a mold is to reveal the tiny, niggling defects (cracks and nicks) that you can't see otherwise, and the Milliput seemed to create it's fair share of those, so be warned if you use it (did I mention it was also messy?). A thin coat of super-glue takes care of those, and gives it a really hard surface after final sanding.

So in it goes:



It's good to make extras:





That's it!

Our friend Elliot has convinced me to make a removable section of the canopy in this area. To achieve that, I decided to use the separation line of the jettison-able portion a la the real deal:



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-06-2010, 08:34 AM



cmags
Member

#954 (permlink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 493



So Mike, you don't use a paper canopy at all for the initial shaping of the plug, right? Just rough shape the plug with the clay and finesse to fit the frame? I have a framework for my Old Crow but also have the paper canopy that I was thinking of using to make the initial form. I suppose I could try both ways...

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)



03-06-2010, 10:07 AM



Bomarc
Member

#955 (permlink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

I tried the "paper canopy as pattern" route with the first canopy, but the assembled Orlik pieces were too small for my model, and would have left me with a too small mold plug. Using templates that fit the actual opening in the model seemed to me the best way to get a good fit. Maybe a bit elaborate, but hey, you go with what you know....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-06-2010, 10:27 AM

#956 (permlink)

kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 395

You've got that canopy-making technique down pat! Compound-surface canopies might just as well be called Confound-canopies since it is the one component of paper models that keeps many people from attempting models like this.

Again, this thread sets the bar way high, but also shows everyone what can be achieved..

Amazing!

Ken



03-06-2010, 03:00 PM

#957 (permlink)




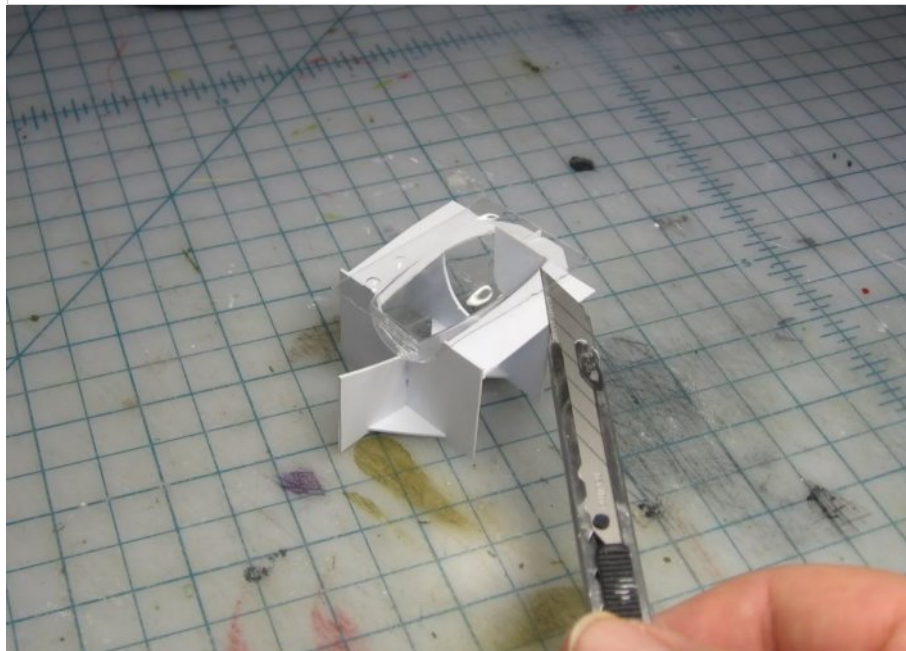
Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Thanks Ken. I don't know if it survived the server crash last month, but there was a good thread on basic vacu-forming which contained some great info on simple "home-brew" set-ups. I encourage all who read this to give it a try. It's easy to do, and has an element of fun too!

I have to say, one of the advantages of making these elaborate templates is that you have a decent jig to mark your initial cuts on the finished product:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x735 and weights 102KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x690 and weights 94KB.

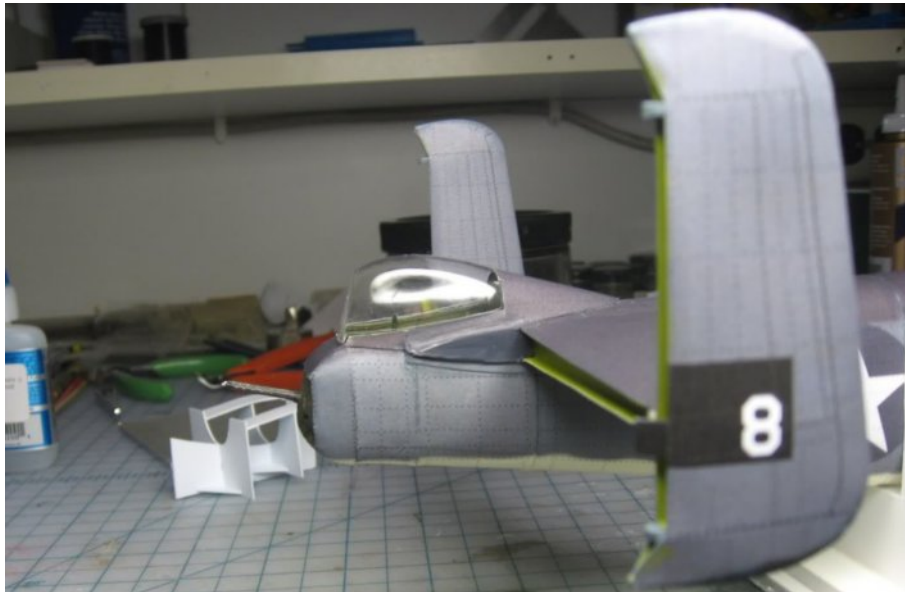



Not much tweaking after cutting, and it's a pretty good fit (if I don't say so myself):

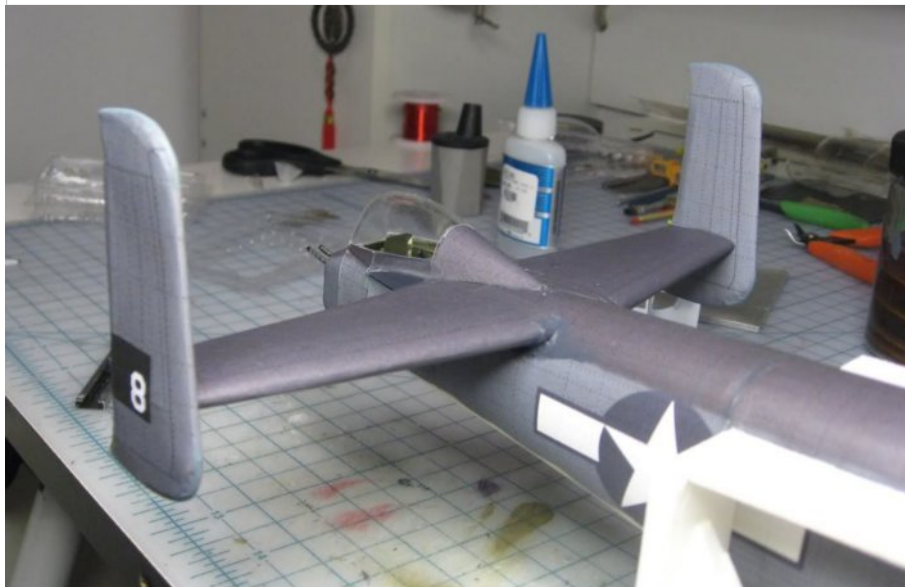
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709 and weights 98KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x663 and weights 59KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x660 and weights 78KB.



I plan to cut out the flat panel to the rear to be replaced with an actual flat piece of plastic. Now to cut off the top in the appropriate place, and build up some framing....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



 03-06-2010, 09:36 PM



Don Boose
Member

#958 ([permalink](#))

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,555

Incredible, Mike! The jigs you build to make other parts are superb models in and of themselves!

Don



 03-07-2010, 03:15 AM

#959 ([permalink](#))

Join Date: Apr 2008



pahorace
Member

Location: Italy (Sicily)
Posts: 362

Ok Mike,
this is definitely the path mapped out to build a unique model.
I understand that not everyone! But the fact remains that we can try 😊

Bravo!
Orazio



03-07-2010, 07:41 AM

#960 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Quote:

Originally Posted by **pahorace**
But the fact remains that we can try 😊

And I hope you do try my friend! Towards that end, a little search I conducted reveals that the thread I was thinking about proceeded the "crash" by about three weeks so it survived!

Makes Molds!!.....Melt Plastic!!.....Impress Your Friends!!.....Go Here:

[Vacu-Form?](#)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Page 96 of 100 << First < 46 86 94 95 **96** 97 98 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:41 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO 3.3.2](#)

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 97 of 100 << First < 47 87 95 96 **97** 98 99 > Last >>

LinkBack Thread Tools Display Modes

03-07-2010, 08:22 AM

#961 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Quote:

Originally Posted by **Don Boose**
*Incredible, Mike! The jigs you build to make other parts are **superb models in and of themselves!***
Don

Quote:

Originally Posted by **pahorace**
*Ok Mike,
this is definitely the path **mapped out to build a unique model.**
I understand that not everyone! But the fact remains that we can try 😊*
Bravo!
Orazio

It seems an age since men were turning out real masterpieces - the days when things were made with the sheer love and devotion to the subject matter all thrown in, the days before FLAT PACK build at home furniture, when men would sit and carve the legs to the table they have built - each leg being a master class all of it's own... In this day of MAKE IT FAST to HELL with QUALITY, it brings back my faith in we humans to see that some of us still strive to do the VERY BEST we can with what we have got - Mike... you do this here !. With all my respect to you, Pete. 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>

Quote

03-07-2010, 09:10 AM

#962 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Thanks you Peter (you're quite the wordsmith 😊)! As I replied to John, I didn't know I was doing all *that* with this build, but I will say I'm definitely "the journey, not just the destination" type of person. Given the glacial pace of this thread, I guess it's no use keeping it a secret any longer: "Slap it together" does not exist in my lexicon..... 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Quote

03-07-2010, 04:06 PM

#963 (permalink)

Wily
Member

Join Date: May 2009
Posts: 202

You know, it's almost as much fun reading everyone's attempt to state their awe in new and different ways.

If this thing ever shows up at a Modeler's Convention, I bet it gets its own room guarded by a big bald guy who takes your \$5, your camera and only allows one person in at a time. 2 minutes maximum.

wily

"I interview WW2 pilots and draw their airplanes."

My website: www.johnmollison.com

My blog: www.ww2fighters.blogspot.com



03-08-2010, 06:24 AM

#964 (permlink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Quote:

Originally Posted by **Wily**

.....I bet it gets its own room guarded by a big bald guy who takes your \$5, your camera and only allows one person in at a time. 2 minutes maximum.

I've been to "peep" shows that sound a lot like that....(oops! Was that my outside voice?! 🤪)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



03-09-2010, 07:23 AM

#965 (permlink)

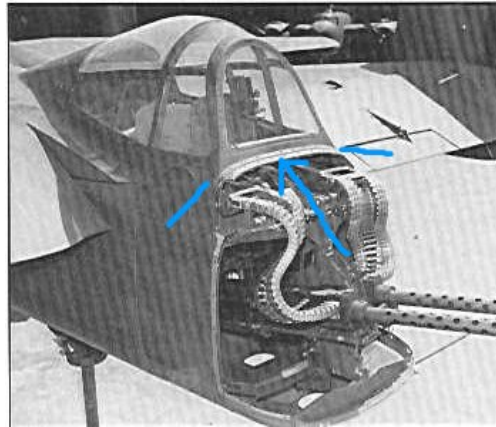
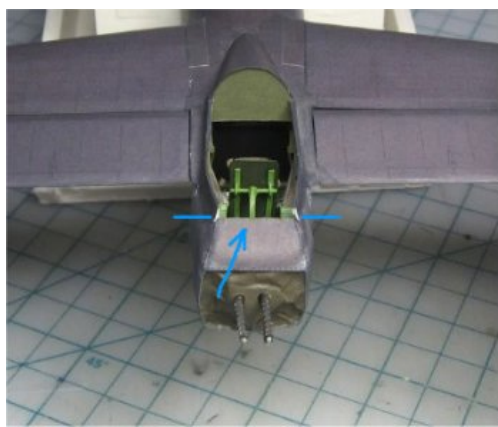


Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Last night was spent on the final fitting/cutting of the plastic to the fuselage. In prepping the fuselage opening to receive the canopy, I modified the rear portion where the flat armored glass sits. The model was flat in this area, but there's a bit of a curve:




Would have been nice if I had noticed this when I was making that tail cone and before I attached it, but what are you gonna do? Added a crescent shaped piece of mat board underneath the lip and built it up with card, using super-glue to join and harden the edge and also to fill in the joint.



This image has been resized. Click this bar to view the full image. The original image is sized 1024x716 and weights 87KB.




Next, using the kit's pattern for a guide, staked out the lines to cut the canopy with electricians tape:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702 and weights 88KB.



Several light passes with the knife yields a clean separation:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x732 and weights 92KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x715 and weights 52KB.




Fits OK:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x714 and weights 91KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x735 and weights 79KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x694 and weights 81KB.



Satisfied that's all I can do with fit, last task for the night was dunk the parts in Future then go to bed (that way I'm not tempted to touch them before they fully dry). How it looks this morning:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x702 and weights 84KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x750 and weights 98KB.



Don't know if the improved clarity shows up in the photos, but the Future really makes the parts look transparent. Now it's framing and mounting for good.

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-09-2010, 07:28 AM

#966 (permalink)



jagolden01
Member

Join Date: Jan 2008
Posts: 566

Stupendous, Mike.
The difference in clarity of before/after Future clearly shows in the photos. Wow.



03-09-2010, 08:26 AM

#967 (permalink)

Wily
Member

Join Date: May 2009
Posts: 202

Last night, I had this dream.

I'm walking past bomarc's house and everything important and good is out on his front lawn and he's chatting it up and everyone's having a good time.

Suddenly, a Tyranosaurus Rex appears and roars, making obvious intentions of clomping over and eating everything important and good in bomarc's life.

So the Rex charges and everyone starts screaming and running! It's chaos and doom...really rather frightening.

But, I have in my hands an RPG.

So, I aim...trigger...and just at the right time, WHOOOMMMF! I let that sucker go BLAM! Right in the dino's chest. And it explodes; pieces of dinosaur splat while the remaining half of the torso teeters and falls harmlessly to the asphalt.

bomarc walks over to me, shakes my hand and says, "Thank you for saving everything important and good in my life! What can I do to repay you?"

I scratch my chin, thinking hard, then I say, "uh...you know..."

And then I woke up.

wily

"I interview WW2 pilots and draw their airplanes."

My website: www.johnmollison.com

My blog: www.ww2fighters.blogspot.com



03-09-2010, 10:04 AM

#968 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Quote:

Originally Posted by **Wily**

bomarc walks over to me, shakes my hand and says, "Thank you for saving everything important and good in my life! What can I do to repay you?"

I scratch my chin, thinking hard, then I say, "uh...you know..."

And then I woke up.

Well John, now that all is safe and secure, I'll shake your hand again. Thanks for the chuckle this morning. 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



03-09-2010, 11:51 AM

#969 (permalink)

Wily

Member

Join Date: May 2009
Posts: 202

bomarc -

Truth be told, if the dream continued, I would have bonked you on the head and used your temporary disorientation to swiftly swipe the the PBJ and make off down the street to my M-1 Abrams.

Why the tank?

Because every reader of this thread would be after it too.

Dream on!

wily

"I interview WW2 pilots and draw their airplanes."

My website: www.johnmollison.com

My blog: www.ww2fighters.blogspot.com



03-09-2010, 12:02 PM

#970 (permalink)



John Bowden

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 831

Well John, THAT's why I would bring my A-10! 🇺🇸

www.dgapapermodels.com

[My Drawings](#)



Page 97 of 100 << First < 47 87 95 96 **97** 98 99 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 98 of 100 << First < 48 88 96 97 **98** 99 100 >

LinkBack Thread Tools Display Modes

03-09-2010, 12:17 PM

#971 (permlink)



flying rasta
Member

Join Date: Aug 2009
Posts: 175

ummmm...would the Boeing YAL-1 be excessive?...me shouting.. "Just put it back mister..unless you can outrun lght"
to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

 Quote

03-09-2010, 01:00 PM

#972 (permlink)



billy.lelived
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 1,038

The most simple solution for us mortals is to order the Mitchell and take a year off 🤖 In that way we can avoid those dino's 🤖

Cheers, Billy
<http://maps.google.com/maps/ms?ie=UT...76.728516&z=4>

 Quote

03-09-2010, 02:05 PM

#973 (permlink)

Wily
Member

Join Date: May 2009
Posts: 202

Quote:

Originally Posted by **billy.lelived**
The most simple solution for us mortals is to order the Mitchell and take a year off 🤖 In that way we can avoid those dino's 🤖

Yeah, SIMPLE FOR guys like YOU.

For the skill-less knuckle-draggers like me, the closest I'll ever get to bomarc's PBY is to keep dreaming.



wily
"I interview WW2 pilots and draw their airplanes."
My website: www.johnmollison.com
My blog: www.ww2fighters.blogspot.com

 Quote

03-09-2010, 02:48 PM

#974 (permlink)



milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 797

Or we download all the pictures here... and make a big huge humongous photo album and keep it under our pillows... oops, that means we keep on dreaming.

Bomarc... whatever you did with the paper model world!?

- **Gerardo**
Paper Modeling in Mexico
Visit my [Blog](#) and [Forum in Spanish](#) on Paper Modeling



03-09-2010, 02:57 PM

#975 (permalink)

**flying rasta**
MemberJoin Date: Aug 2009
Posts: 175

see? see?...thats what happens when i look on my model..."hmmm...how exactly can i make it better?"...my paper model world is upside down...(great exercise!!)

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



03-09-2010, 05:39 PM

#976 (permalink)

Wily
MemberJoin Date: May 2009
Posts: 202

bomarc's gonna love this, but ya'll know I interview old fighter pilots and one question I asked a pilot was "What is leadership?"

He answered, "Inspiration."

I think bomarc's B-25 is brilliantly inspired. I look at it and think, "Maybe I can..." and that's good enough for me because I'm raised even a tiny amount more than where I was before.

And really, that goes for all the other A-list builders here.

wily

"I interview WW2 pilots and draw their airplanes."

My website: www.johnmollison.com

My blog: www.ww2fighters.blogspot.com



03-09-2010, 06:25 PM

#977 (permalink)

**peter taft**
MemberJoin Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Quote:

Originally Posted by **Wily**
*bomarc's gonna love this, but ya'll know I interview old fighter pilots and one question I asked a pilot was **"What is leadership?"***

He answered, "Inspiration."

I think bomarc's B-25 is brilliantly inspired. I look at it and think, "Maybe I can..." and that's good enough for me because I'm raised even a tiny amount more than where I was before.

And really, that goes for all the other A-list builders here.

I love all this, and it's very true.... Nice words Wily 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder

Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



03-09-2010, 07:17 PM


#978 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Oh, you guys and all those fancy words you're usin'.....geeeze.

In my defense for running this silly thread, I wanted to give something back to the modeling community. I know, everybody says that, but lots of good stuff has come and gone on this forum with nary a peep from me. Well, that was going to end with this build, and I wanted to run a thread that was worth something to somebody else for a change. When I was a lad, "*back in the day*", reading the modeling mags that were popular then, one of the things that was always a let down to me was, almost down to the last article, was how they were about "Look at what I did" without saying much (if anything) about *how* it was done. That's no fun! I wanted to build a model like that.

Now, this crazy PBJ thread definitely has had it share of "Look at what *I* did", no denying that, but, it was always my intention to add an even bigger portion of "Look at what *you* can do". I'll leave it up to the collective "you" to decide if I've been successful up to this point or not.

See? I can write all high falutin' fancy and stuff.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-10-2010, 06:32 AM

#979 (permlink)



solo67
Member


Join Date: Nov 2007
Location: hadera israel
Posts: 120

hay mike
i have no more words ...i am gobsmact....
i just found this hope you will like especially for this part of the build
the link to the site :

[2009 Edwards AFB Open House](#)

great photos.

Attached Images

 [DZZ_2134.jpg](#) (87.1 KB, 21 views)

Moshe O



03-10-2010, 07:10 AM

#980 (permlink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Wow! Great pics Moshe (and not just the B-25 stuff). Thanks for the link and the kind words.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Page 98 of 100 << First < 48 88 96 97 **98** 99 100 > >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:43 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 99 of 100 << First < 49 89 97 98 **99** 100 > >>

LinkBack  Thread Tools  Display Modes 

 03-10-2010, 08:09 AM

#981 (permalink)



flying rasta
Member

Join Date: Aug 2009
Posts: 175

so true mike...guess what i will do to is a step by step of my future builds too...the challenges and solutions...its a great way to share collective knowledge.... keep on inspiring....carry on...

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

 Quote

 03-10-2010, 09:07 AM

#982 (permalink)



KCStephens
Member

Join Date: Dec 2007
Location: York, PA
Posts: 533

Mike,

I just have to tell you that your work here is truly amazing...Yea, I know, you've heard it a million times before but not from me....Untill recently, I just have not been that interested in building aircraft...But, since starting this fun little FGMM contest my eyes have opened up to a whole new world. Knowing what I know now, the struggling from time to time while working on my rather simplistic FG model, really gives me a new appreciation for what you are doing here with the PBJ. You make it look so easy. Keep up the good work.

Kevin Stephens

 Quote

 03-10-2010, 09:25 AM

#983 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Excellent!! Another armor guy brought over to the *dark* side.....(insert evil laugh here).

Thank you Kevin, I appreciate that more than you know. You're already off to a great start on that B-24. Given what I know you can do with those ground "targets", I'm certain the Lib will turn out great.

With any luck you'll get to see the PBJ up close and in a completed state at the Army Heritage Day in May. What a Leatherneck Mitchell is doing at an Army event, I can't even begin to say....

Mike

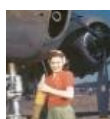
"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

 Quote

 03-11-2010, 06:59 AM

#984 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

New Favorite Canopy Glue

One line of discussion in this thread that was lost in the "crash" was folks favorite glues to glue on plastic canopies. Someone had posted a link to "Gator Grip Glue" ([gatorglueorder](#)) and I ordered a bottle then.

Well, last night, I had a little accident. It was bound to happen, particularly with a never ending project like this. I accidentally bang the front end of the fuselage while moving it around. It was LOUD, so I thought the worse. Couldn't see any apparent damage, so I sighed and went on my merry way. Then I noticed it. The bottom right edge of the windshield separated from the fuselage.....PANIC! I guess the shock of the hit made it pop. Well I had nothing to loose, so I tried the Gator Grip. I had ordered the watch crastall stuff too (also mentioned in that discussion), so if the Gator grip didn't work, it was next in line.

The gator stuff really grabbed hold and dried clear. Gotta say I like it! The bottle says it's acrylic, and since I coated the whole canopy with acrylic Future floor wax, I wonder if there's a better stick to it? I'm going to use it for the framing of the rear canopy and see how it goes.

Anyway, thanks to whoever it was that recommended Gator Grip. If you read this and remember that discussion on this thread*, make yourself known so that many accolades may be heaped upon you!

I'll post some pics tonight.

Mike

* I think I'm going to start referring to that portion of this thread as "Orlik PBJ-1H Mitchell: The Lost Episodes". The sad part is they really are lost!

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-11-2010, 02:14 PM

#985 (permalink)

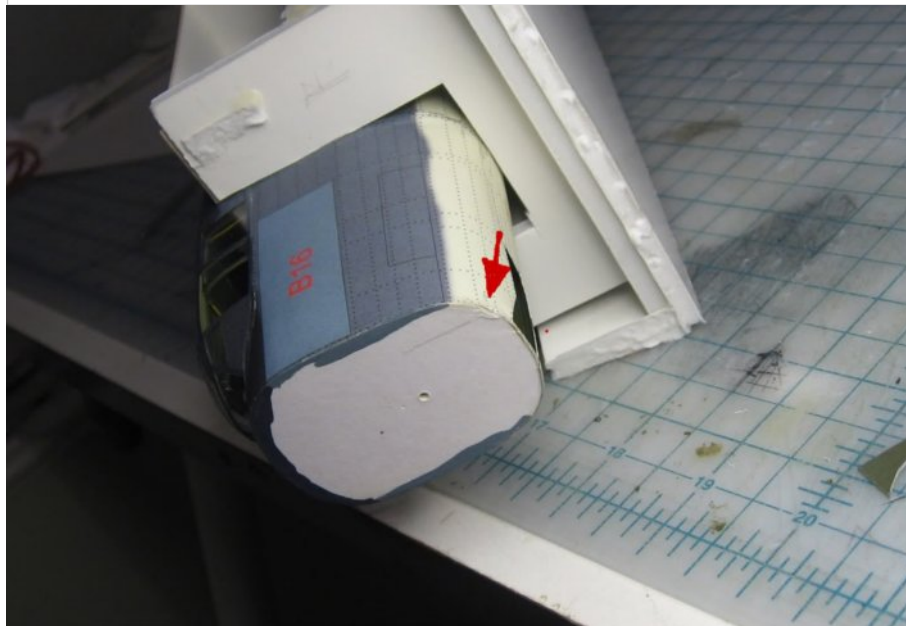


Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Pics of the crime scene as promised. Here's where I made contact with the edge of my work bench:

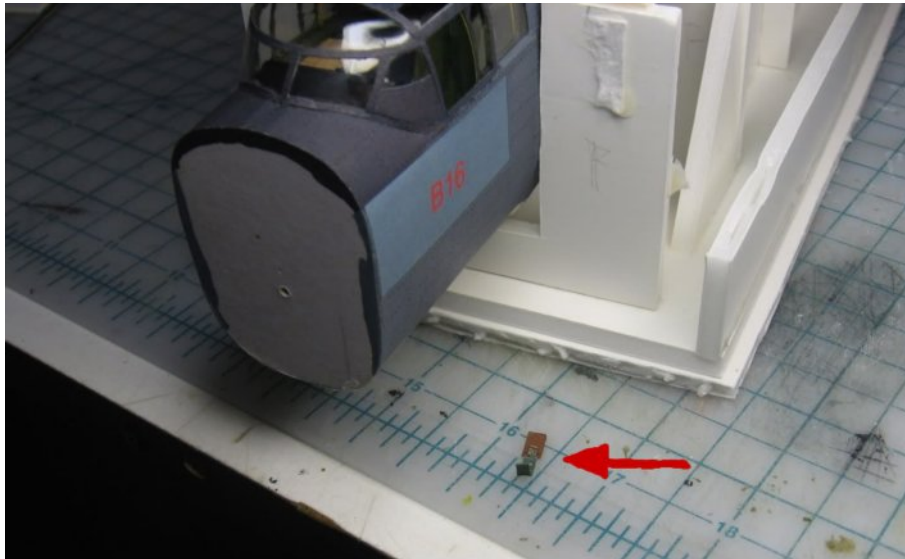
This image has been resized. Click this bar to view the full image. The original image is sized 1023x703 and weights 78KB.



That'll buff out, right? Think the insurance will cover it?


I heard a rattling inside, and I finally shook out this:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x628 and weights 74KB.



The pilot's right lap belt. Argh!! Well, it looks like I get to enjoy "ship in a bottle" techniques now. Woo-hoo! I could leave it out, who would know? Nah, that would be cheating 😊. Update if/when I get it back in there.

The newly repaired windshield:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x695 and weights 100KB.



Gotta give it up for Gator Glue. Stuff worked great. Some progress was made on the *other* canopy. Film at 11, as they say...

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-11-2010, 02:48 PM



Tapcho
Member

#986 (permalink)

Join Date: Nov 2009
Location: Vantaa, Finland
Posts: 54

I'm very glad it helped and you found it good stuff like I have done. I post the links that got lost in the hard drive crash here again:

[gatorglueorder](#)

[IPMS Product Review: Gator's Grip Hobby Glue](#)

Very good stuff folks, get your own tomorrow! :-)



03-11-2010, 04:47 PM

#987 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Tapcho! It was you!!!!

Outstanding advice sir! And good that you added the links again (hopefully these will survive!).

Gator Glue came to the rescue, and I have you to thank for it. Take Tapcho advice folks, you need this glue! 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 03-11-2010 at 05:05 PM.



03-11-2010, 06:44 PM

#988 (permalink)



Papercut
Member

Join Date: Dec 2008
Location: North Carolina
Posts: 1,323

Well, you sold me on the stuff, so here goes another few bucks, but hey when the stuff does what you want it too, what is a few buck, it ain't like I don't already have a chemical lab of glue already 😊 I just want too add a foot note about what a great guy Bromarc is, he is a Paper Modeler's friend in the truest since and he done me a realllllllly BIG favor. You get my vote any time for Friendly Builder! Rick 🌍 PS: I spelled his post name that way for a reason.



Yesterday, 06:32 AM

#989 (permalink)



Bomarc
Member

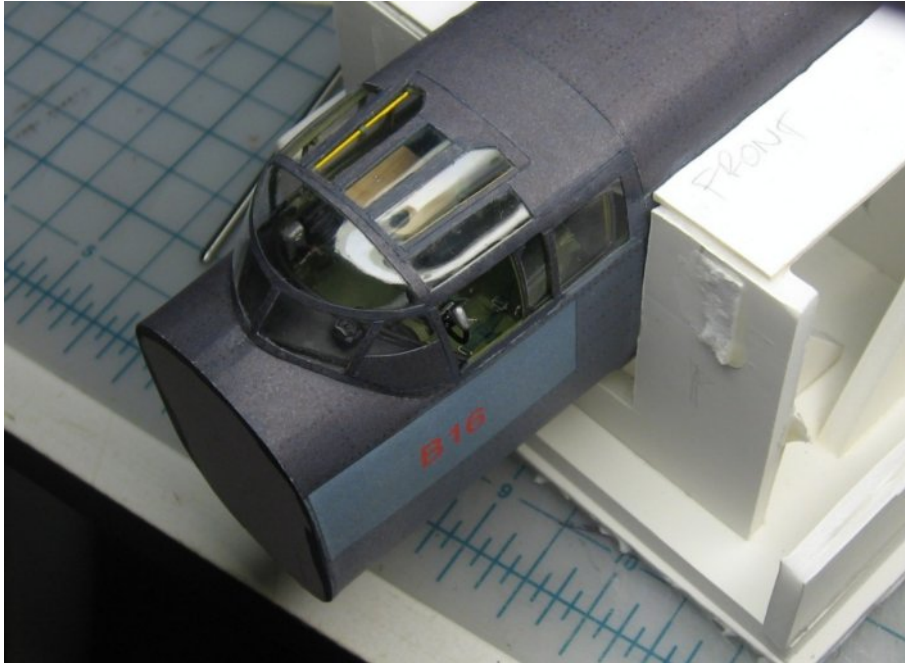
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 629

Thanks for the shout out Rick. I guess that's the kind of reaction one would expect when you send somebody a case of Jack Daniels! Kidding, kidding, I'm a kidder. Actually, I sent Rick some stuff that may (or may not) help in a future project of his.


So I don't know if you can see it in these pics, but here's the cockpit without the lap belt (just below the control yoke):

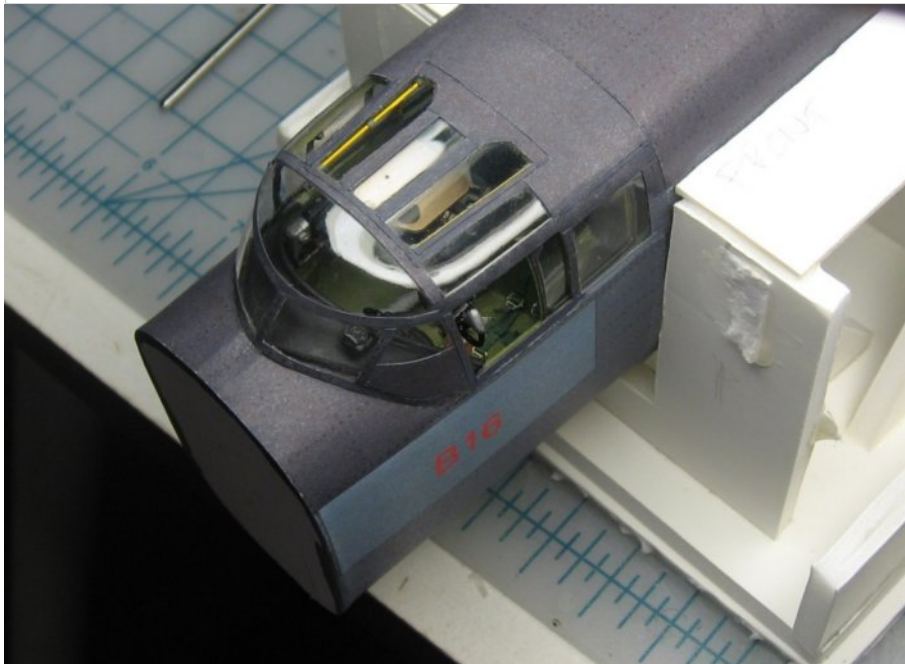


This image has been resized. Click this bar to view the full image. The original image is sized 1023x746 and weights 169KB.




And back in (tiny tweezers are your friends in these situations):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746 and weights 173KB.

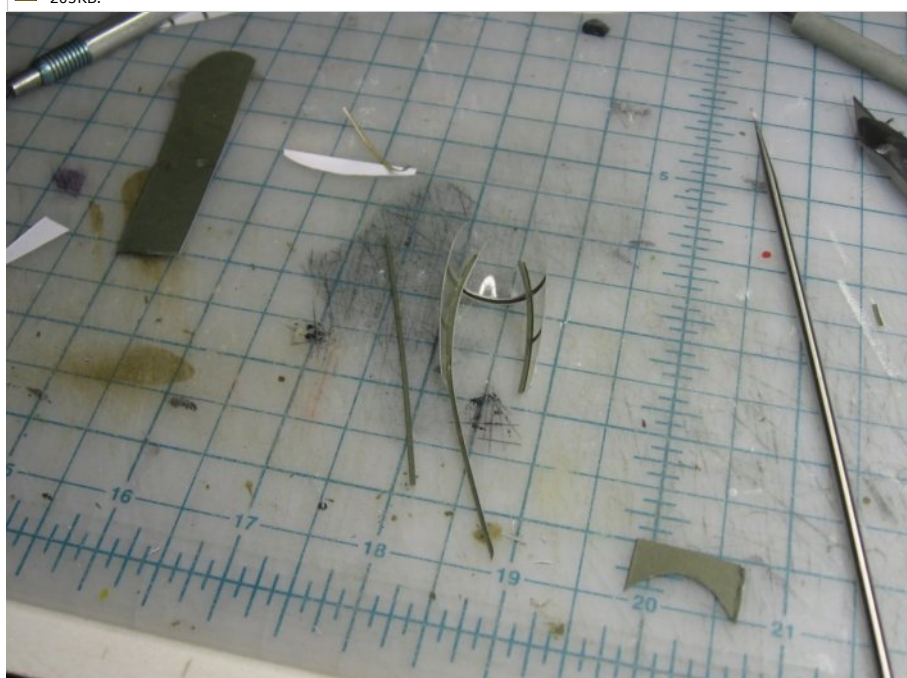



Now forward progress can resume. Framed out the inside of the gunner's canopy using printed sticker paper (red arrows) and doubled up 65lb paper (blue arrows), both printed with the interior green color. Fairly basic, and due to the canopy's smaller size, pretty quick:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x681 and weights 244KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755 and weights 205KB.

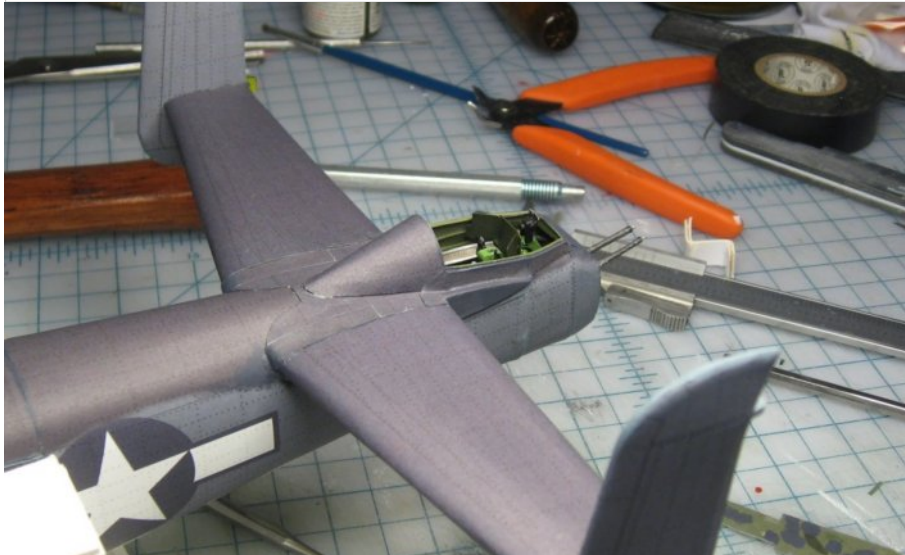



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x752 and weights 199KB.

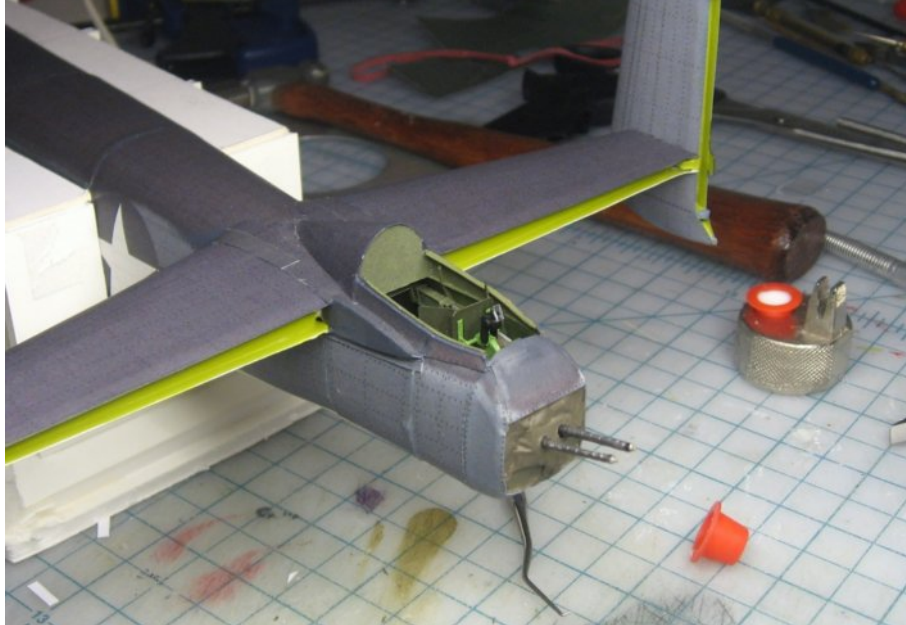



Prepped and rehabbed the fuselage opening, reinstalled the side armor, and, as the final gesture before canopy attachment, added the gun sight with reflector (made up mostly of kit parts). From what I can tell, only the reflector was visible to the gunner behind the armor plate. I suppose that's all you would need really:

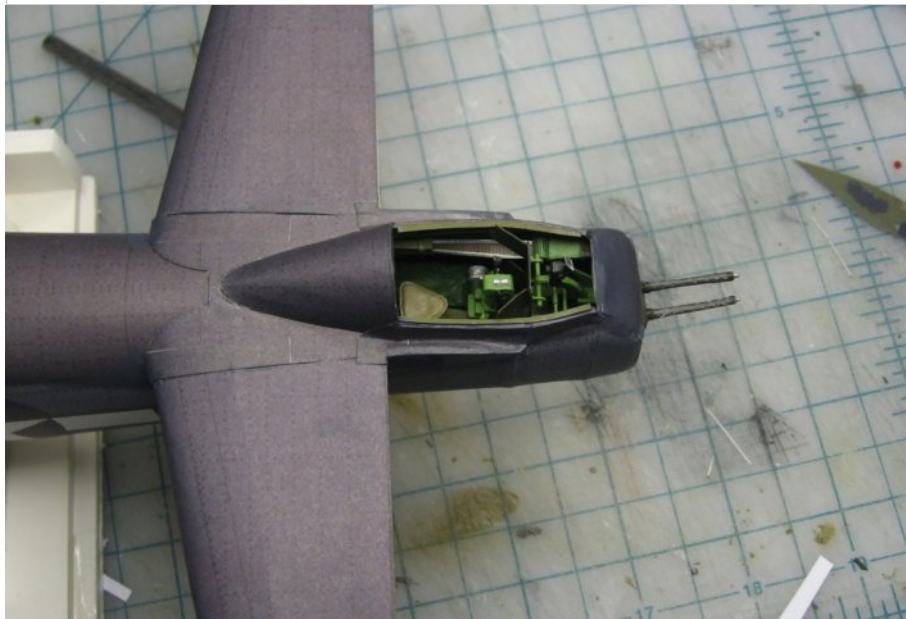
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x626 and weights 175KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705 and weights 191KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1022x691 and weights 249KB.




Using the Gator glue, on with the canopy:

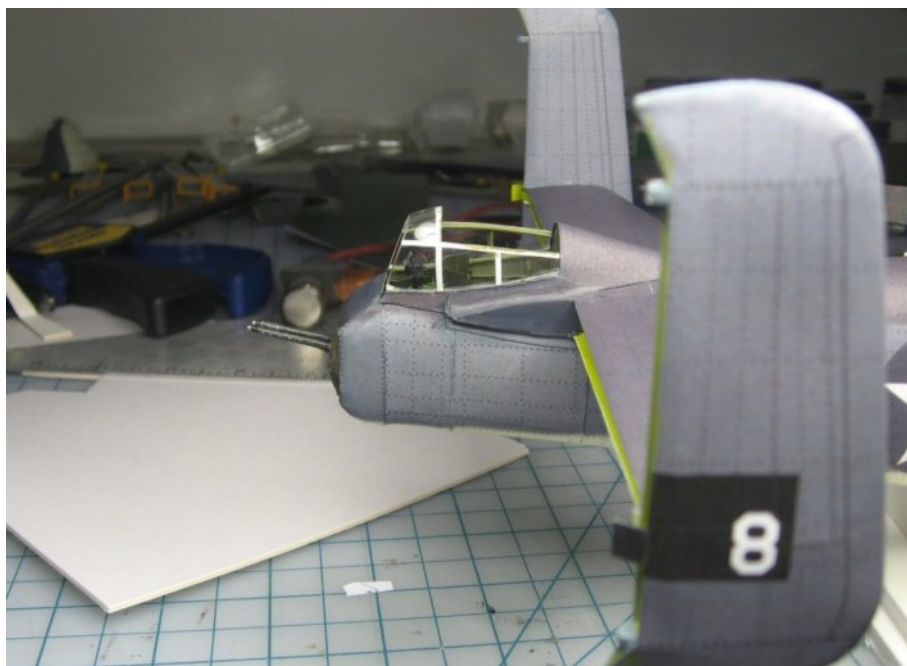
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x748 and weights 220KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x700 and weights 193KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746 and weights 155KB.



I like this shot, looks like you're standing beneath it on the ramp:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x823 and weights 181KB.



Fairly easy peasy. Still liking the Gator glue, stuff grabs pretty good. Flat armored glass and external framing side tonight, and then it's on to the last major assemblies of this trek, landing gear!

Yes! It's finally landing gear time. Lord have mercy on us all....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; Yesterday at 06:44 AM.



Yesterday, 08:04 AM

#990 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,284

Great work has per the usual from you Mike. Tis getting rather too close to being finished....😞 don't go too fast on the home run - we need this thread to keep our souls together 🍀

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Last Build: B-26 Marauder
Currently Building: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



Page 99 of 100 << First < 49 89 97 98 **99** 100 > >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:45 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

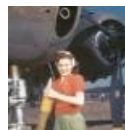
 « First < 50 90 98 99 **100** 101 102 > Last »


willygoat
Member

Join Date: Jul 2007
 Location: Papillion ,Nebraska
 Posts: 1,451

That's amazing Mike! I had a question about your inner framing pieces on the canopy. It appears as though you just edge glue the strip of paper and hold it on its side until it sets. But, how do you get it to curve with the glass against its natural grain? I would think it would crease and bunch up on the inside of the curve.

Does that make sense?

 Quote


Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 680

Perfect sense WG. For the tight radius at the head of the opening, I cut a piece that matched the actual curve. You're right, trying to force a straight piece around that would have been a mess. The rest was done with the straight pieces, which will take to a gentle curve pretty easily.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

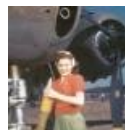
 Quote


flying rasta
Member

Join Date: Aug 2009
 Posts: 239

So agree with pete on this one..not too fast mike..

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??

 Quote


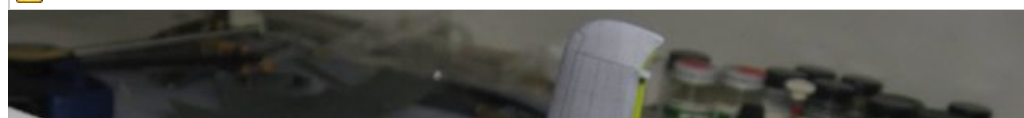
Bomarc
Member

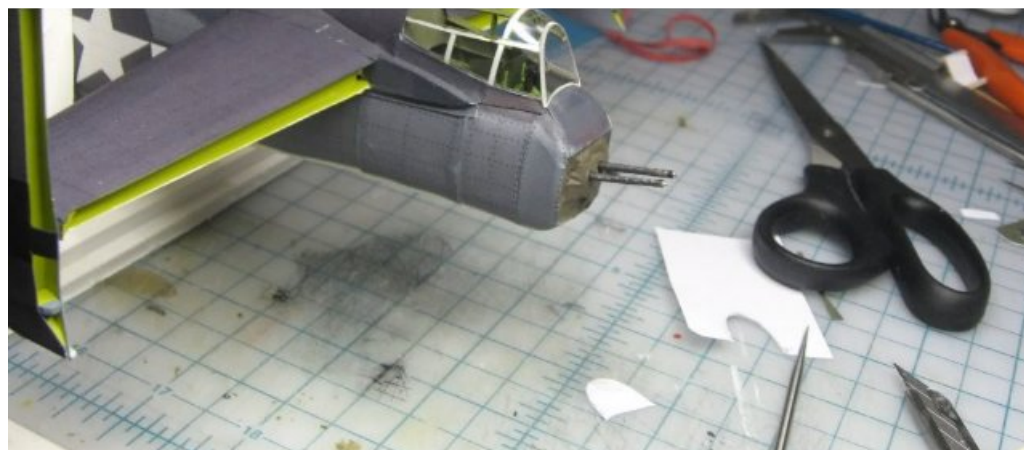
Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 680


I think tonight is the first time I was on schedule with this epic. My last post hinted that I would finish up on the rear canopy tonight, and point of fact, I actually did just that! Quick boys, buy a lottery ticket, our luck is changing!

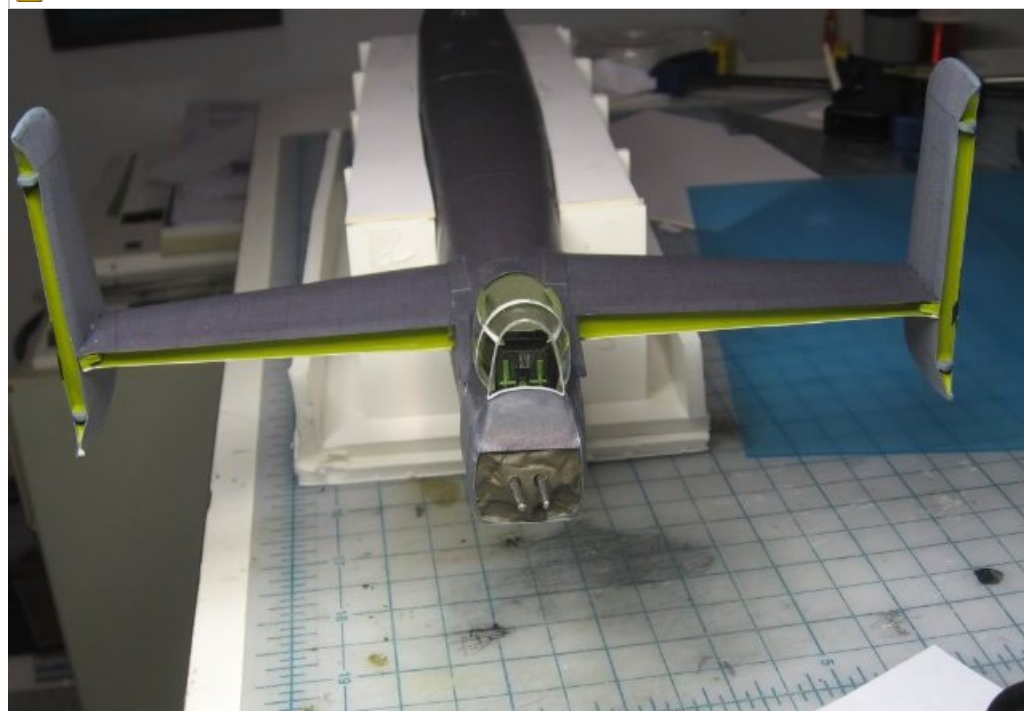
So I took some 0.030" thick Vivak (thicker stuff than what I use to vacu-form) and shaped a rear armored glass panel:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x711.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705.

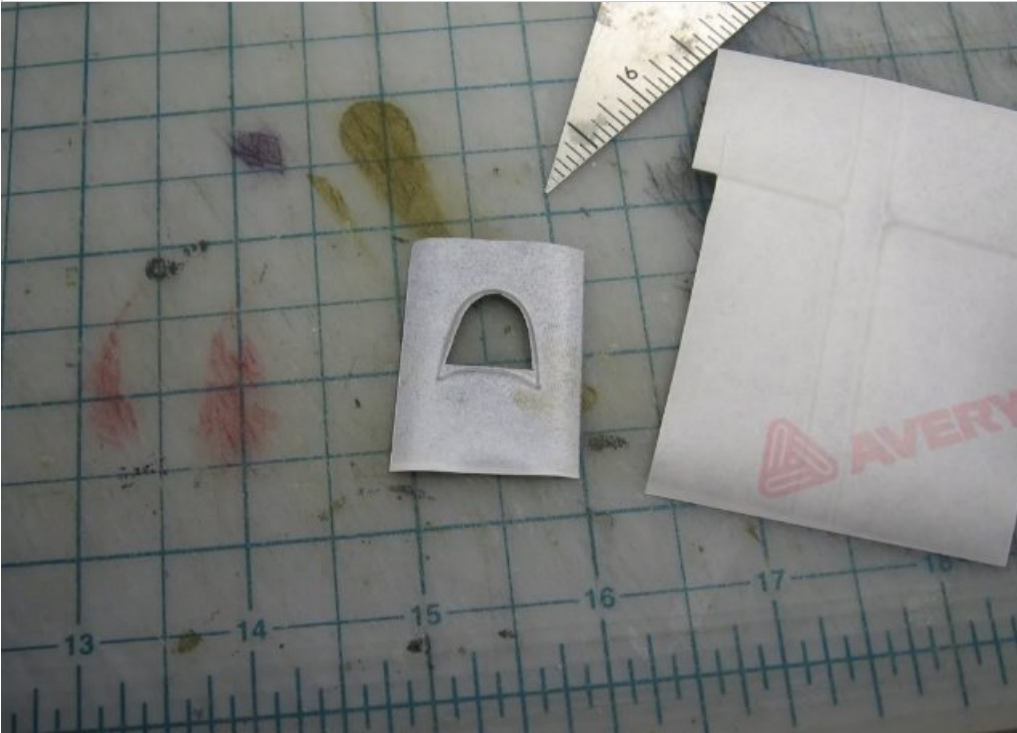


The next few moves I made were seen on the main canopy work found many thread pages ago (I don't know where anymore) . I used the sticky back stuff (printed with the appropriate colors) to make the framing for this piece, identical to what I did with the sliding panels of the cockpit canopy. I place one sheet on top of the other, so when I cut one, I cut the second to make them identical :

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x670.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x730.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x724.



Once that was glued in place, started to frame the outer canopy surface as before (strip the paper to make it thin a la Major D's technique, coat the edges, glue in place):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x712.




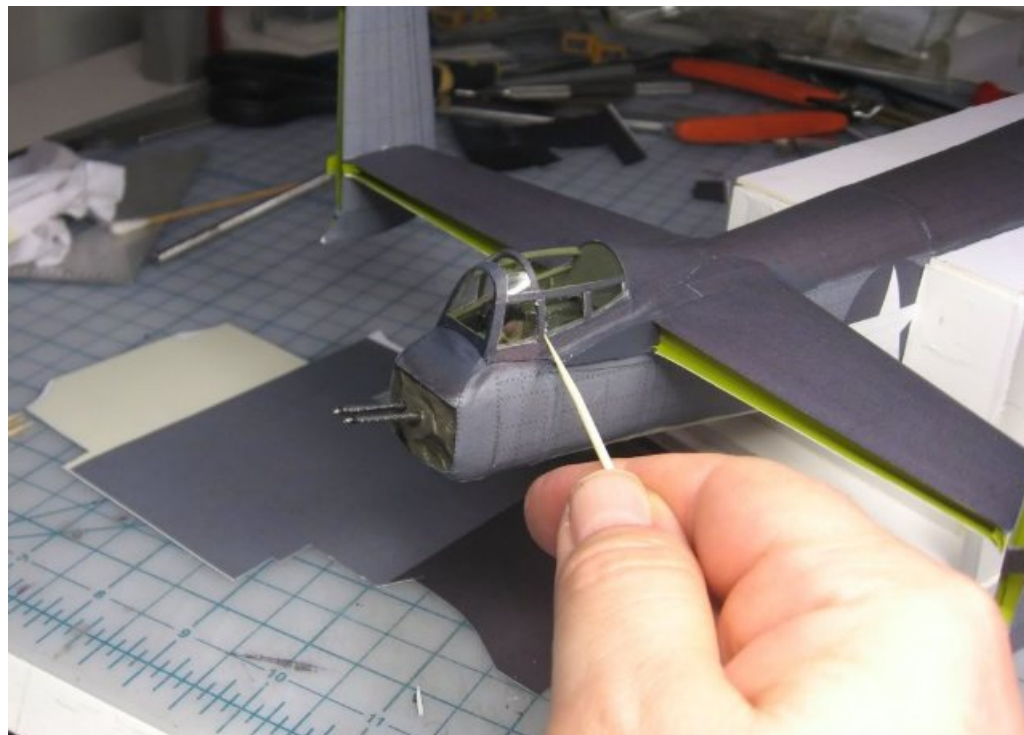
Where all this deviated was in the type of glue used. Yes! You guessed it: Gator Grip Glue. Turns out this stuff works well in this application, but I came to see the differences in using it over using the Elmer's as I did before. Here's what I think works (but your mileage may vary). Glue in the strips by applying a coat to the back side, and in applying, totally ignore the excess that weeps out the sides:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x692.



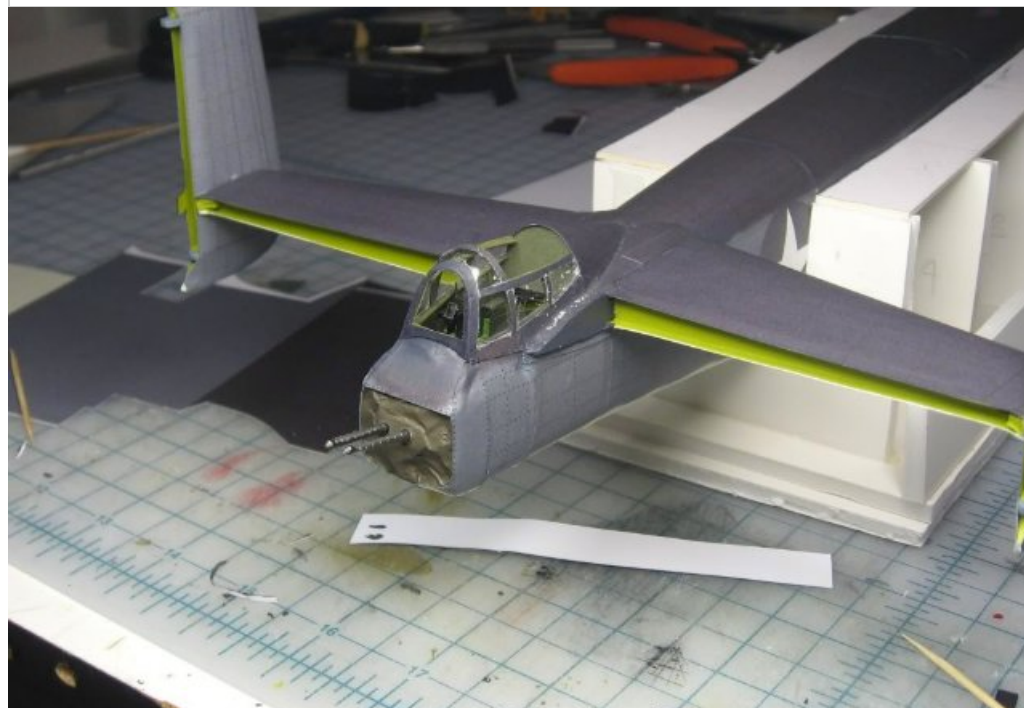
Don't touch any of it until it dries! Once all the framing is in place, take a piece of wood (toothpicks are good, but I also made a chisel out of 3/32 inch dowel) and scrape the residual Gator glue off:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x733.



The Gator Glue is brittle, not like the pliable remains of Elmer's or Aleene's. It shatters when you scrape it, leaving this "dandruff" behind:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x704.




But that actually is a plus, since it leaves a clean surface behind. Dust off the remains, and coat the whole with some water to set the edges (Gator Grip Glue is still water soluble). Looks good:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x676.




Some touch up paint, the final deal:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x763.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x701.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731.

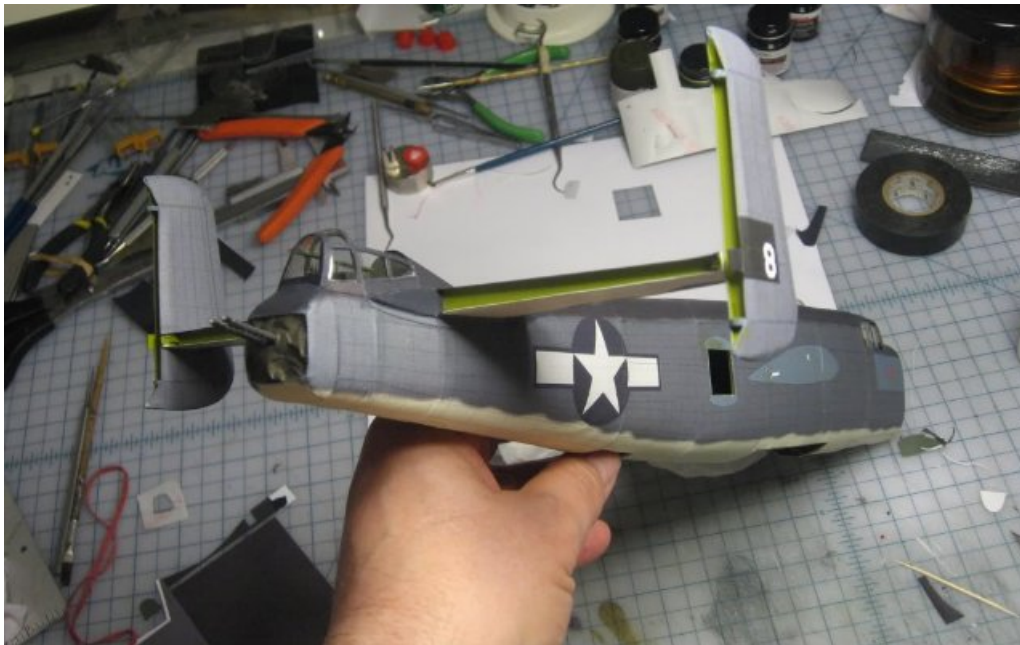


Not too bad. For fun I took a couple of shots of the whole fuselage to date (over the mess of the work bench):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x645.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x644.



Looking more Mitchell like every day, if I do say so myself. Time to clear the decks, there be landing gear to make.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



Tapcho

Member

Join Date: Nov 2009
Location : Vantaa, Finland
Posts: 173

I simply respect the level of your handicraft. You utilise many of the skills and virtues that for me are household necessities in my plastic modelling projects - but not in paper yet. I salute your your strive to true scale representation with the rear cockpit armoured glass plate. These are the things that make your model a true gem.

Over 100 pages and I'm already worrying that this thread may come to it's end someday - what to follow then? ;-)



medved

Member

Join Date: May 2009
Location : South of Heaven
Posts: 145

Here are the links to my on-going pdf-alization of the thread:

[84-99](#)

[41-83](#)

[11-40](#)

[1-10](#)

such amazing work must be saved for posterity I think.....

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)





Tapcho
Member

Join Date: Nov 2009
Location: Vantaa, Finland
Posts: 173

Great medved! And thanks for the effort for all of us.



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,399

Quote:

Originally Posted by **medved**
Here are the links to my on-going pdf-alization of the thread:

[84-99](#)

[41-83](#)

[11-40](#)

[1-10](#)

such amazing work must be saved for posterity I think.....

This is just **BRILLIANT** - Absolutely brilliant 😊 And a big **DEFINITELY** to that 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
All Builds on hold due to Pompholyx - cant touch paper without ruining it 😞 Back in Business when it clears.



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 145

Nice to have my pdf's appreciated. 😊

Just my small contribution to the masterclass!!! 🍷

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)



flying rasta
Member

Join Date: Aug 2009
Posts: 239

" A landing gear we go...a landing gear we go! Hi Ho this Mitchell grows..a landing gear we go!"...thank God! Finally my favorite part!!..let's see the battle plan to tackle this..much gasp and "ooohs" and "aaaahs" ahead..

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



« First < 50 90 98 99 **100** 101 102 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

BB code is **On**

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 101 of 104 << First < 51 91 99 100 **101** 102 103 > Last >>
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

03-14-2010, 07:48 AM

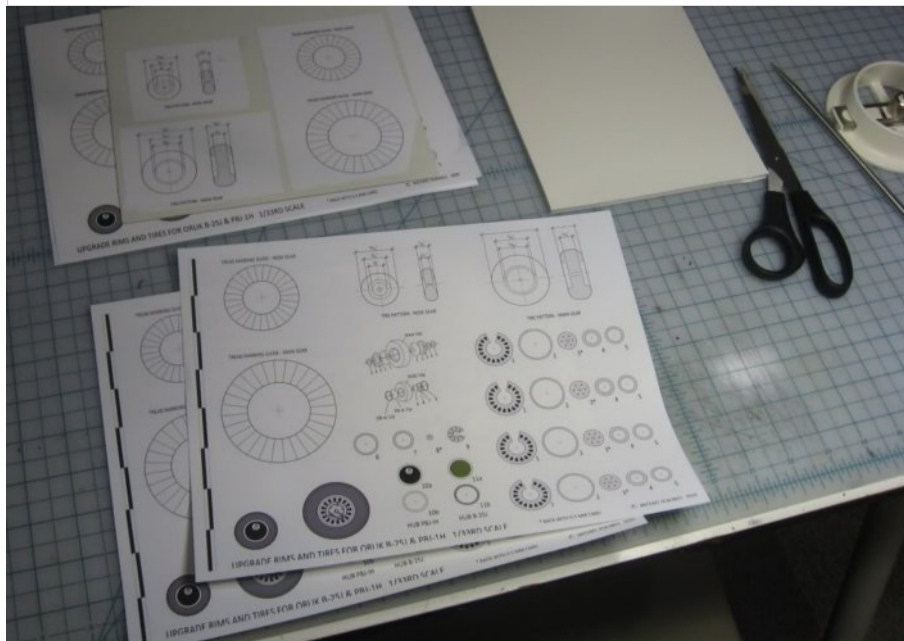
#1001 (permalink)


Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 658

Well it's a slow start Rasta. Cleaned off the work space, and printed out a couple of sheets of the replacement wheels and rims on card and sealed with mat fixative:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x718 and weights 105KB.



Glued lighter paper versions on some 0.5mm card for some templates I'll need. Finally will get to use that fancy circle cutter to the right to cut out the discs for stacking up the tires, etc. Once I'm satisfied that these new wheels go together well, I'll post the PDF up in the downloads section. I guess I'm my own "beta" builder.

I almost hesitate to post this as I noticed that this thread has reached 999 replies. I don't want some "Y2K" thing to happen and crash the server because I can't finish a model in a reasonable length of time.

Well, here's goes nothin'.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Quote

03-14-2010, 08:02 AM

#1002 (permalink)

chiawatkom
Member

 Join Date: Oct 2009
 Location: Bangkok, Thailand near RTAF air base
 Posts: 436

So,
 I am very lucky to be number 1001.

Continue your work, fellas! Nice job!!

Chaiwat Kosatanakom (Jack, the papermann)

National Paper Modeler 😊

"We Invent These Toys For Our Next Generation!"



03-14-2010, 11:13 AM




Bomarc
Member

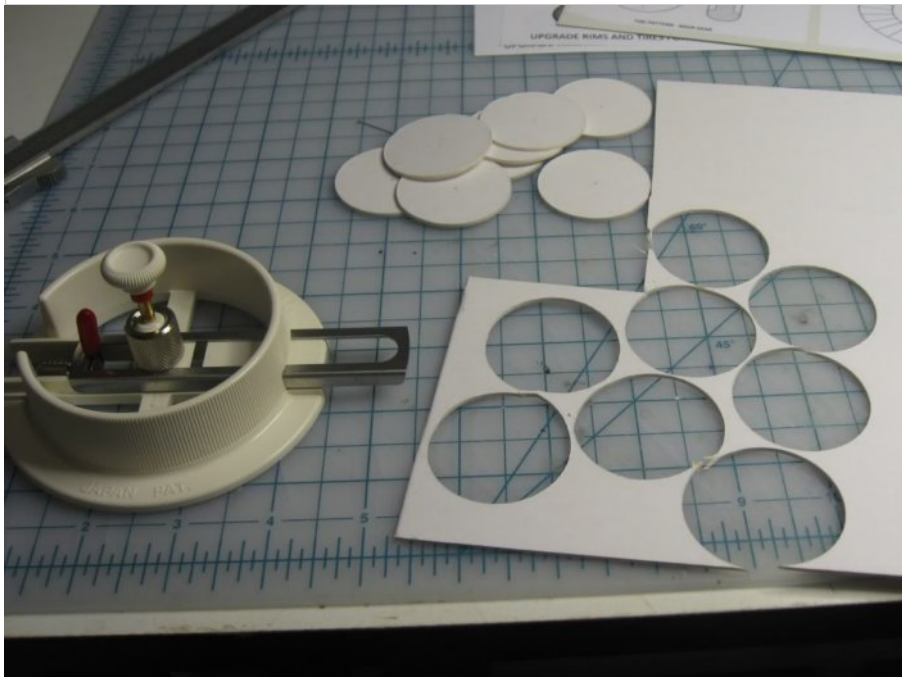
#1003 (permlink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658


Thanks Jack. How's the flying business goin'?

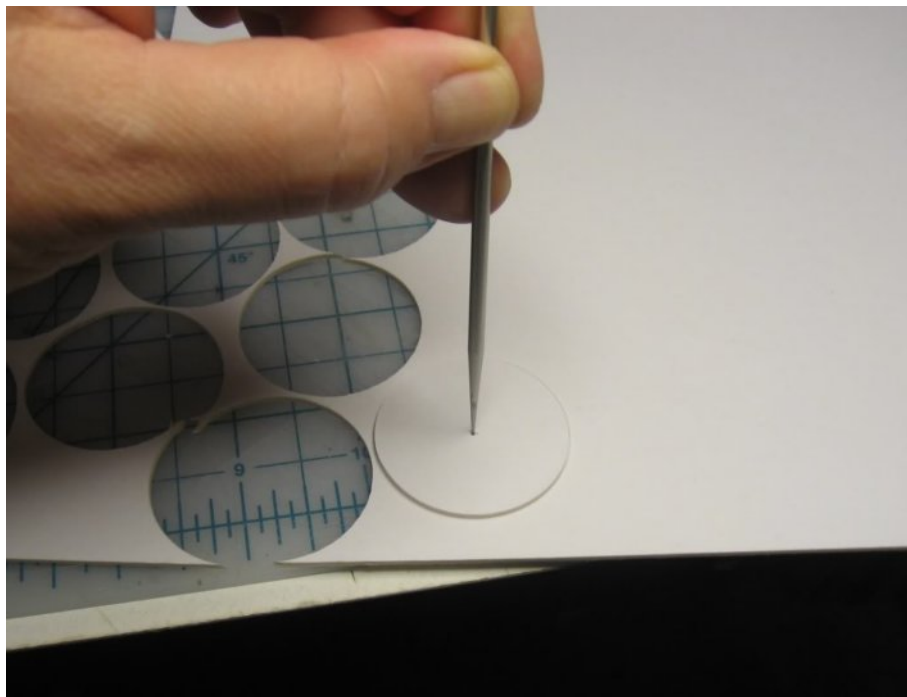
I'm liking the fancy circle paper cutter. Started to cut discs out of mat board for the core of the wheels, and the cutter makes pretty easy work of it:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x763 and weights 86KB.

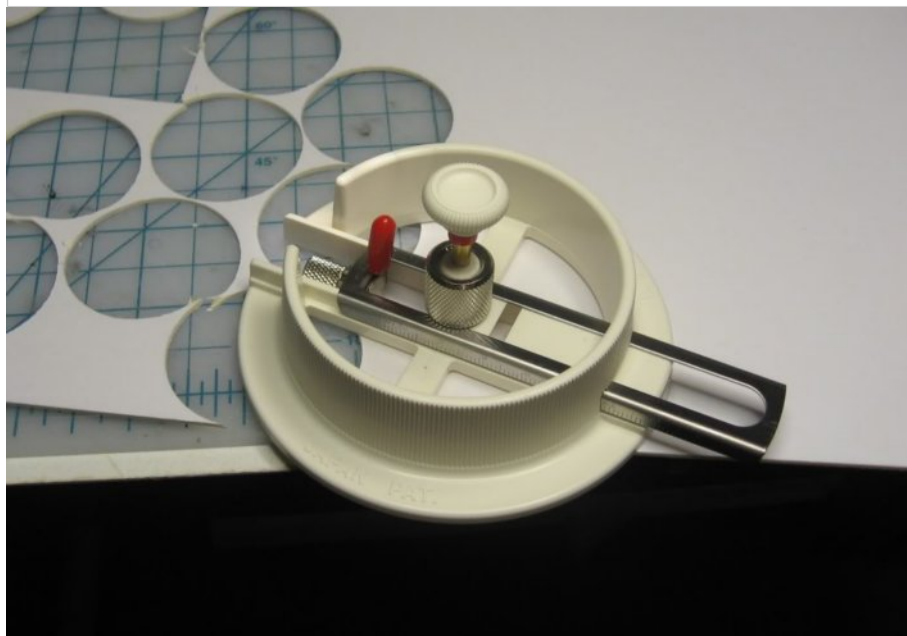



One thing I like is the ability to cut discs close together, thereby saving me from wasting any more material than I need to. A good thing, as I'm running low on mat board. Just take a previously cut disc, and use it to spot the next one:

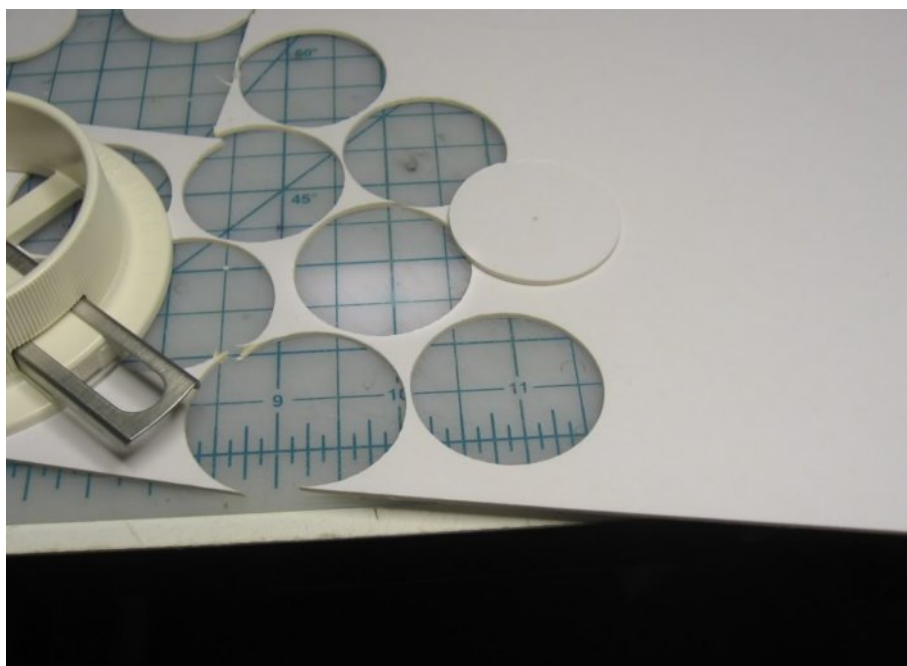
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x784 and weights 43KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x715 and weights 60KB.

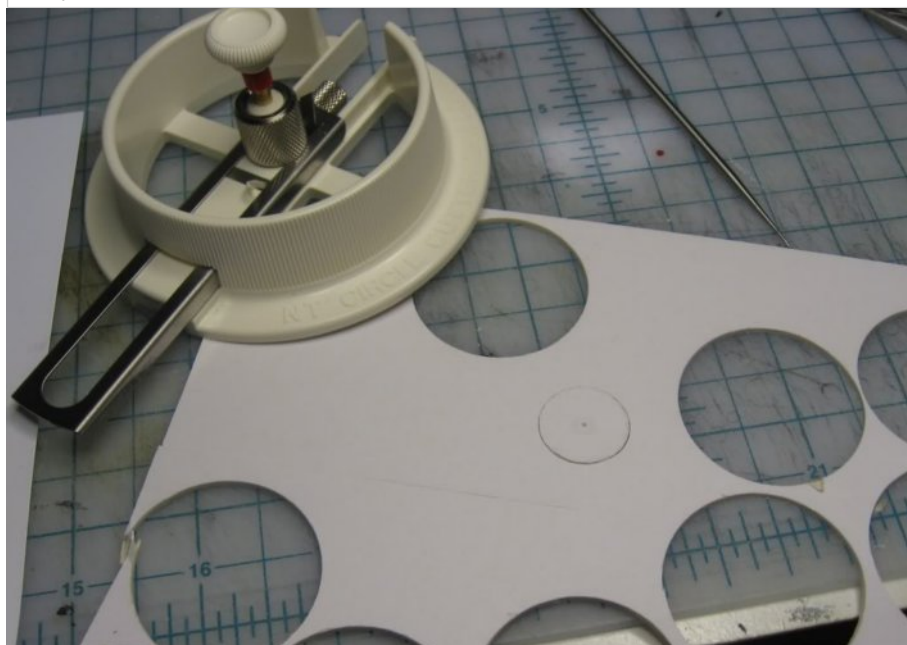



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x745 and weights 55KB.

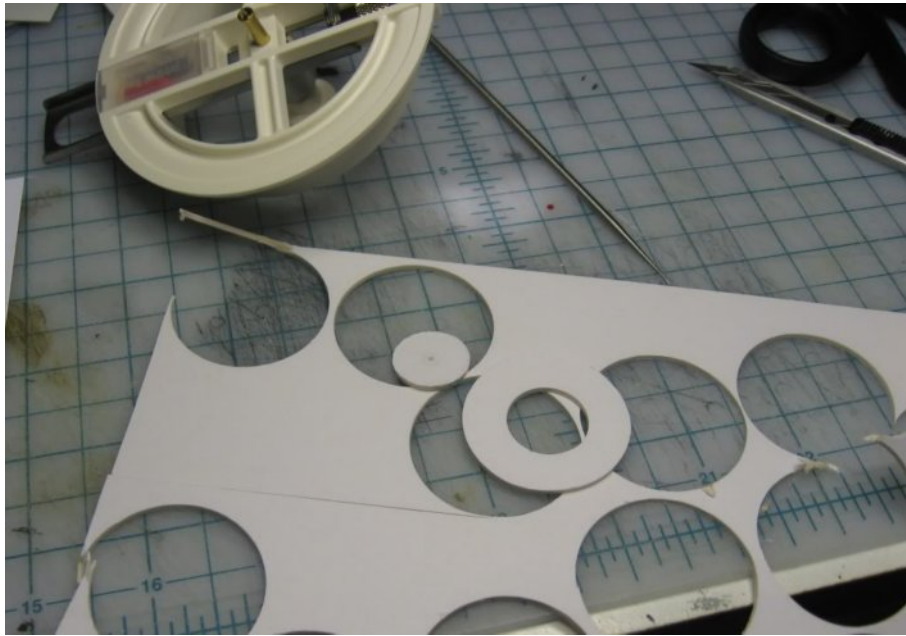


I've been clamping one end of the board down to keep it from moving as I cut. To cut concentric circles, start with the smaller diameter one and leave it in place as the center for the larger one:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x722 and weights 76KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x711 and weights 83KB.



For this operation I almost want to have two of these cutters, each set to the different diameters. It slows things down a bit resetting the blade. I guess the answer is to cut a row of the small circles first, then reset and cut all the big ones next. If you take the little red cap off the end of the blade (exposing the other sharp end, careful!), you can squeeze out a 9/16" diameter hole as the smallest it will go. Not bad. I was able to churn out a few dozen discs in no time:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x684 and weights 75KB.



Still on my first blade, and even though it's taking a beating cutting this thick stuff, has held up fairly well. The cutter comes with extra blade, and I suppose I can order replacements, but it looks to me that I can use snapped off Tajima 30 degree blades in it in a pinch. Haven't tried that yet, but could be handy if it works.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



 03-14-2010, 11:22 AM



Itla9000311 
Member

#1004 (permalink)

Join Date: Sep 2008
Location: Auburn, California
Posts: 179

Wow that cutter cuts VERY good circles! From the first disc, to the last one, how long would you say it took you to cut them out?



03-14-2010, 11:30 AM

#1005 (permlink)



Tapcho
Member

Join Date: Nov 2009
Location: Vantaa, Finland
Posts: 109

Good advice Bomarc, I'll definitely get two two of them. I don't have any circle cutter now but I'll know that I'm going to need that option soon.



03-14-2010, 01:13 PM

#1006 (permlink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

Quote:

Originally Posted by [Itla9000311](#)
From the first disc, to the last one, how long would you say it took you to cut them out?

About 15 minutes once I got the technique down. A real time saver. Accurate too!

Tapcho, I'm thinking I might want to get another one too....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-14-2010, 01:42 PM

#1007 (permlink)



cdwheatley
Member

Join Date: Apr 2009
Location: Havant, Hampshire, England
Posts: 300

Where did you get it from?

Recently completed: Montgolfier Balloon
Currently working on: Boeing Model 299

<http://chrismodels.webs.com/>



03-14-2010, 02:09 PM

#1008 (permlink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

I first became aware of this cutter from Billy (Leliveld), who posted about it during his superlative B-58 build. He had gotten his through a European seller, and I was having a hard time finding one in the States. Finally I found an eBay seller:

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=360236342473&ru=http%3A%2F%2Fshop.ebay.com%3A80%2F%3Ffrom%3DR40%26trks%3Dm38%26nkw%3D360236342473%26fvi%3D1&rdc=1>

Although he's in Hong Kong, the price was right, shipping was reasonable, and he sent it quick via registered mail, so I couldn't complain.

HTH

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-14-2010, 08:13 PM

#1009 (permalink)

**peter taft**

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,337

Hi Mike. The cutter sure comes in to it's own for all that work - well worth the outlay... i anticipate a superb set of boots for this beauty and gear to match, this will be another class all by itself 😊 Take your time Mike, see that light up ahead ? your getting far too close to the end of the tunnel 🍀

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: Short Stirling
On Hold: Yamaha VMAX

<http://www.youtube.com/watch?v=Rgu52si0Fzk>



03-19-2010, 11:28 AM


#1010 (permalink)

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658


Think it time for an update. Now that I have enough discs cut in the varying thickness' and sizes:

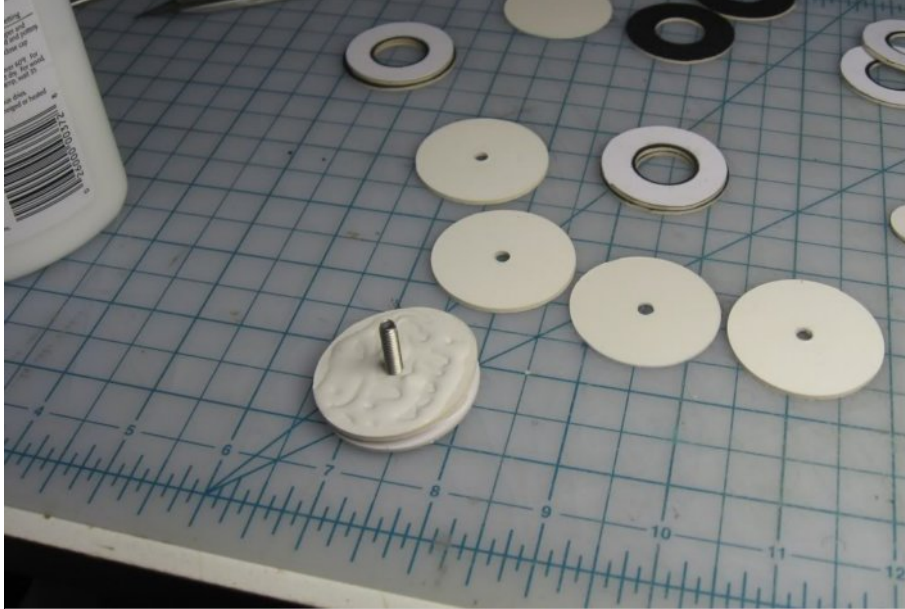
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x749 and weights 113KB.




I can start stacking and gluing. TIP: Save the cut center discs for smaller wheels on future projects!

Since the main wheel are rather large in this scale, I decided to assemble them in steps: Two outer assemblies (foreground in the top pic), and a central core. A bolt, nut, and two fender washers makes an excellent press for the center core:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x689 and weights 89KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x774 and weights 95KB.




Once everything's dried, added the two outer assemblies. I made one extra (just in case, knock on wood):


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x694 and weights 93KB.



Same deal for the nose wheel:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x737 and weights 98KB.

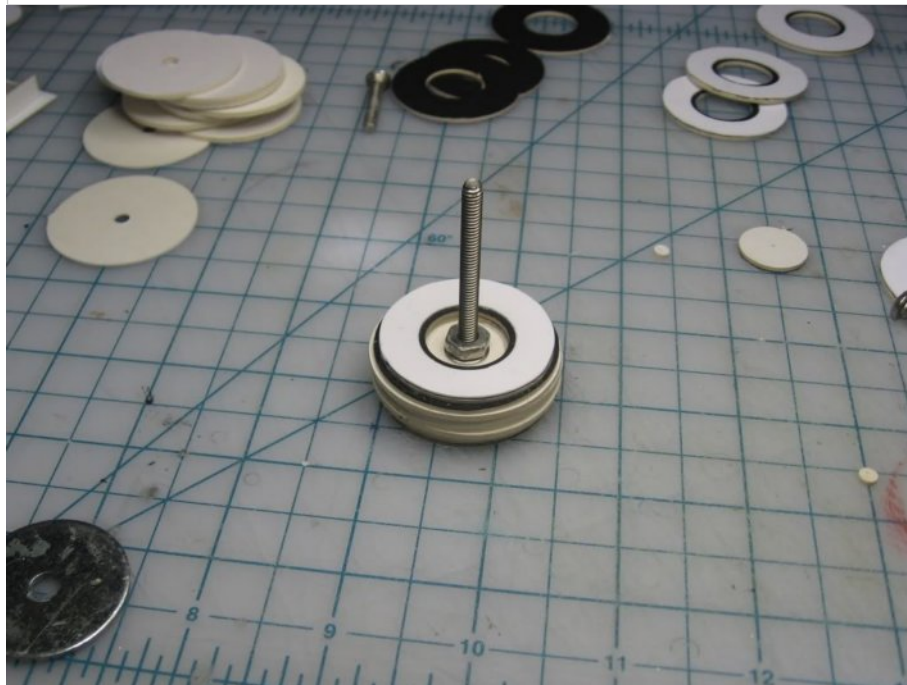



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x712 and weights 97KB.

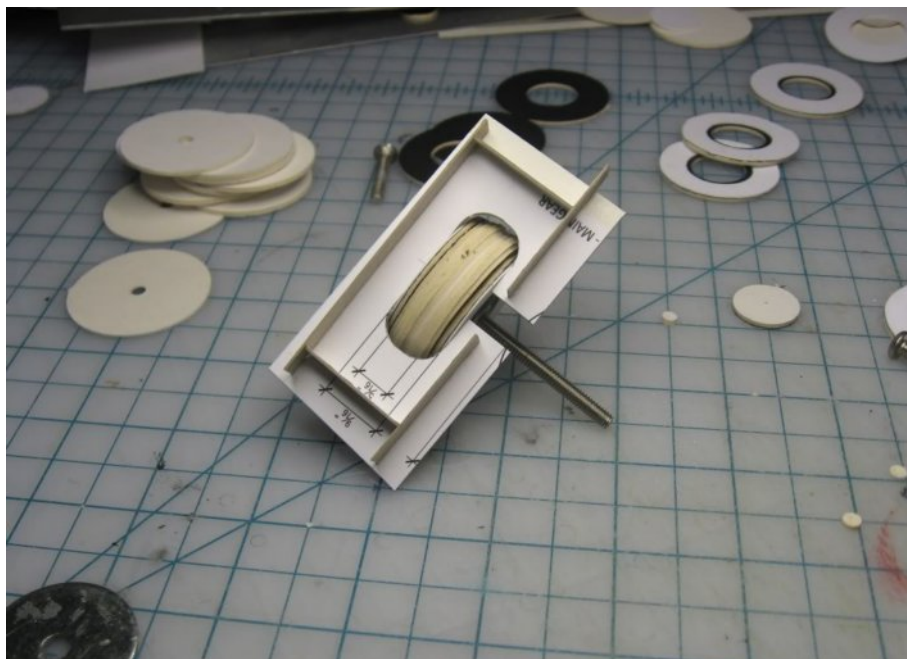


Nut and bolted the "drive shaft" and created a template to aid in shaping:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x770 and weights 97KB.

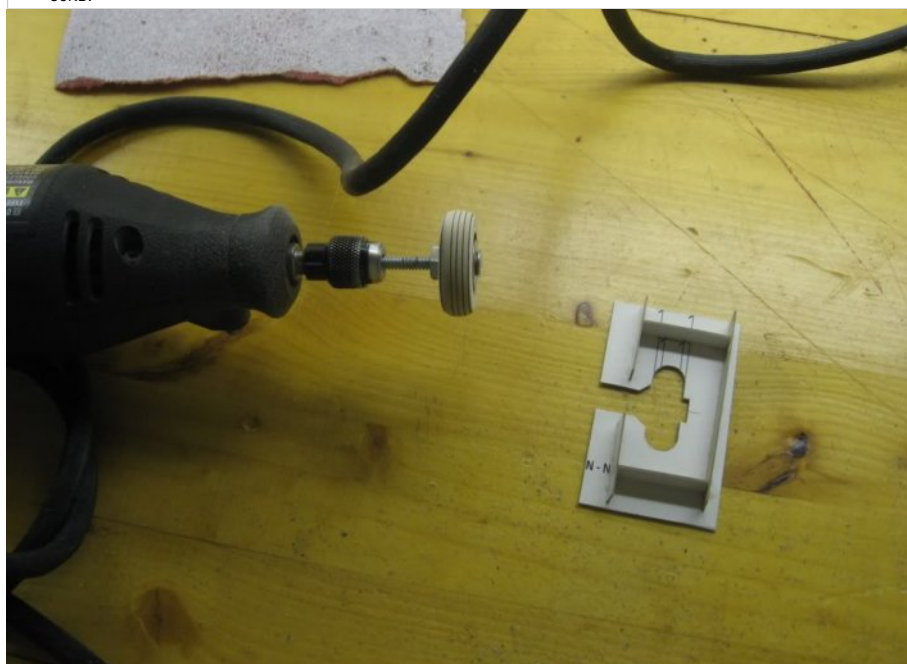


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x740 and weights 96KB.




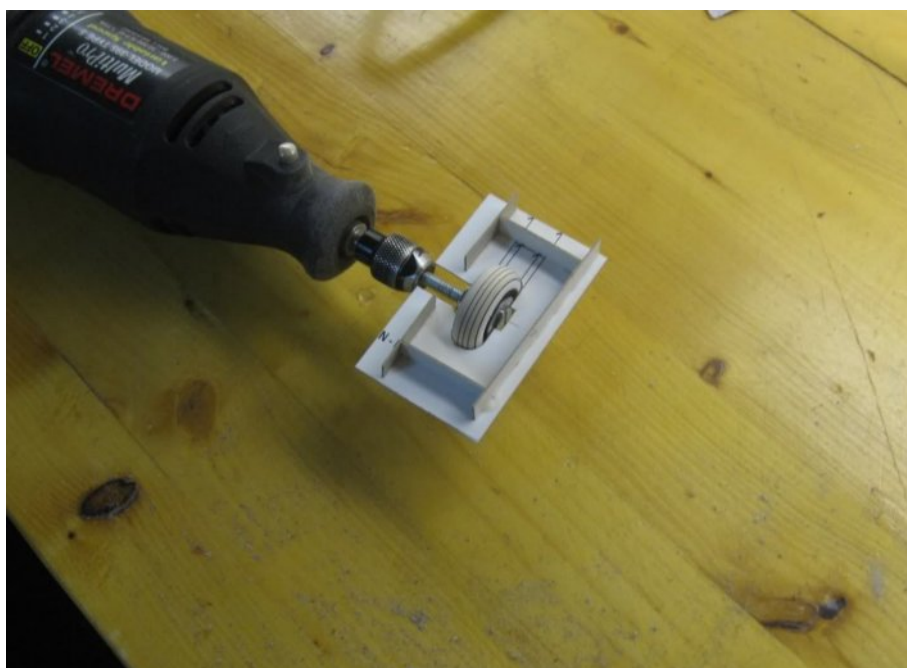
Started small and shaped the nose tire first using the Dremel tool:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744 and weights 86KB.




Template tells the tale:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746 and weights 68KB.




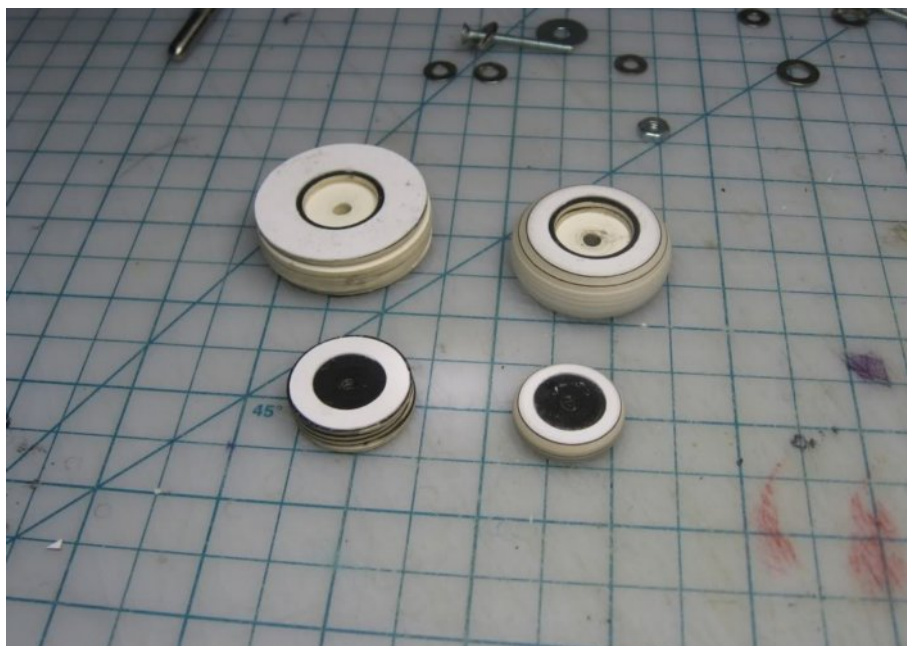
The bolt I used on the mains was too big for the largest collet of the Dremel, so I had to go to a power drill, set in reverse to spin in the direction that tightens the nut on the "Shaft". Template checks OK:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x732 and weights 107KB.




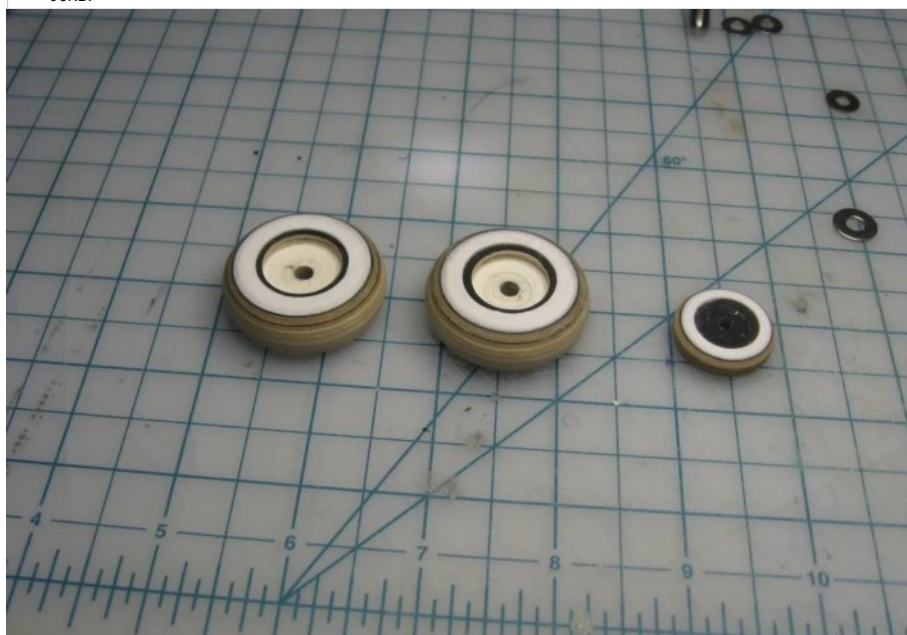
Before and after pic:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 92KB.



Once done with all three, coated the whole with super glue to harden the mat board and help keep it from de-laminating. Gave them a final "spin" with wet/dry paper to make them really smooth:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x709 and weights 90KB.



Hopefully, I'll be spared from having to shape the reserve parts (Ah-Choo!)

Mike


"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

 Quote

 Post Reply

Page 101 of 104 << First < 51 91 99 100 **101** 102 103 > Last >> 

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 102 of 104 << First < 2 52 92 100 101 **102** 103 104 >

LinkBack  Thread Tools  Display Modes 

 03-19-2010, 11:47 AM



flying rasta
Member

#1011 (permalink)

Join Date: Aug 2009
Posts: 214

oooooh a greeeat idea to use on my model...awesome tips mike..(sniffing.."bless you")

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

 Quote

 03-19-2010, 11:56 AM



cmags
Member

#1012 (permalink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 555

Awesome Mike. Perfect timing too. I'm down to the tires on my Mustang and was trying to figure out how I want to sand 'em. I've got the same deal, with the doughnut shaped outer edge and inner core. However in my 1:72 scale, I'm going to have a bit of trouble with the whole bolt and nut idea, but let me see what my parts bin holds... Can't wait to see your ideas on tire treads. 😊

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)

 Quote

 03-19-2010, 12:14 PM



rickstef
Administrator

#1013 (permalink)

Join Date: Jun 2007
Location: Bear, Delaware
Posts: 2,122

Chris

Use a nail that will fit in the hole, and chuck that in to your dremel-like tool


"Rock is Dead, Long Live Paper and Scissors"
International Paper Model Convention Blog

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo

 Quote

 03-19-2010, 01:44 PM



cmags
Member

#1014 (permalink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 555

Thanks Rick. I've got my rear wheel glued up on a pin currently, and will probably do the same on the front wheels. We'll see if it's enough to keep the pin from spinning inside the wheel. Not sure if I want to leave the pin there as an axle (the head might look out of place on the model), so I don't want to glue it in. But this thread is giving me more ideas every day. 😊 Just printed my canopy frames onto address label stickers.

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)

 Quote

 03-19-2010, 04:22 PM

#1015 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia



Bomarc
Member

Posts: 658

Hi Cmags

Rick beat me to it, but he's spot on, a small nail will do the trick for the scale of wheels you're working on (are you *really* sure it's 1/72nd scale 😊). Another option for that small size would be to glue your disc stack onto a small wood dowel (or fat toothpick) and use that as the shaft to spin it. Once shaped, cut the dowel flush on either side. I did a variation of that here:

<http://www.papermodelers.com/forum/82524-post463.html>

Quote:

Originally Posted by **cmags**
Can't wait to see your ideas on tire treads. 😊

Treads?! Who said anything about treads? Well, I'm thinking about something....I dunno.....we'll see....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-20-2010, 04:31 PM

#1016 (permalink)



Bomarc
Member

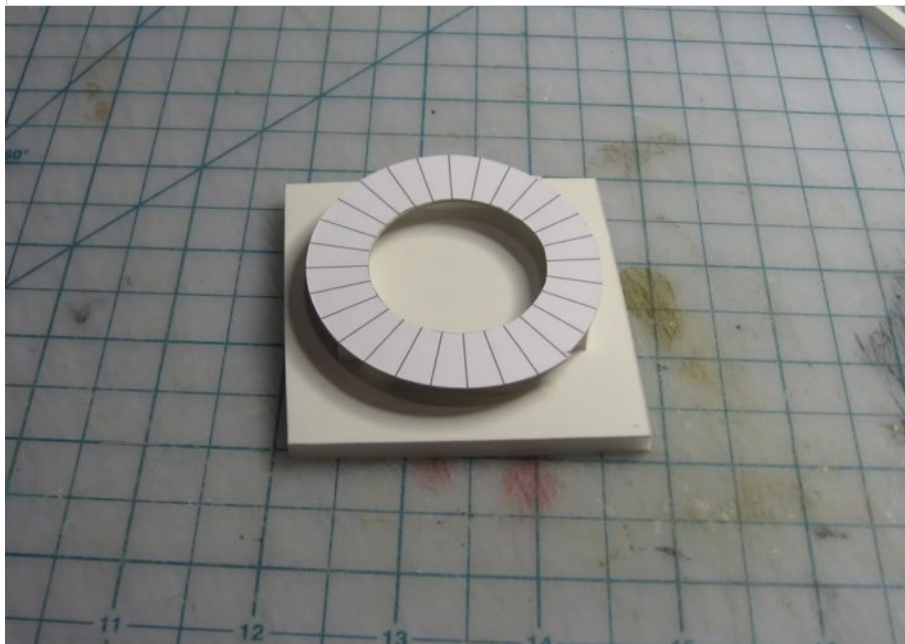
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

Treads are tough!

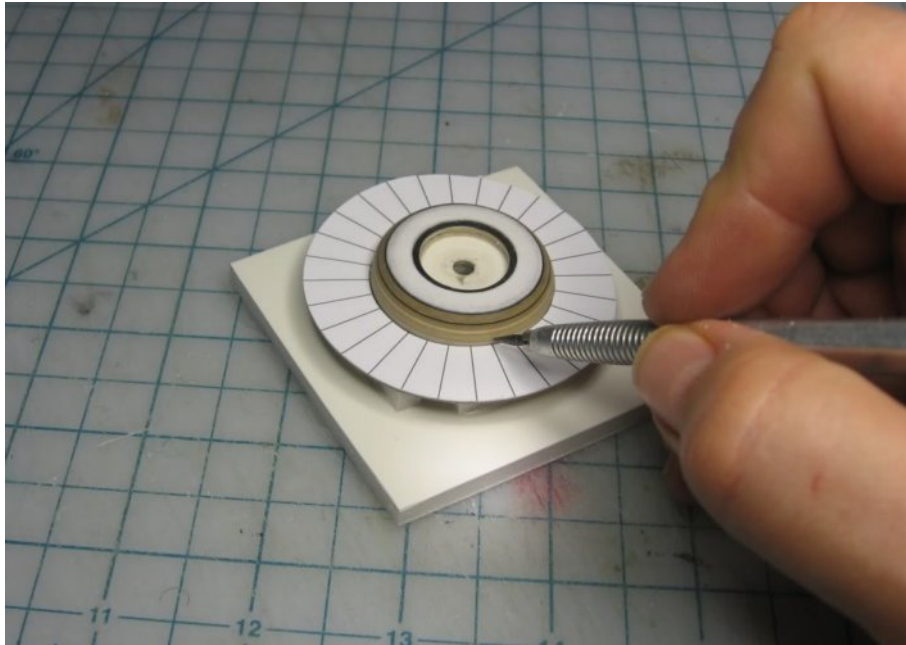
Title says it all.

So I had some ideas rolling around in my head about how best to cut in the diamond crisscross tread pattern into these wheels. One thing I knew, I would make a computer drawn template to mark the interval of tread, since CAD does such an easy job of dividing (a lost art in machine work actually):


This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 80KB.

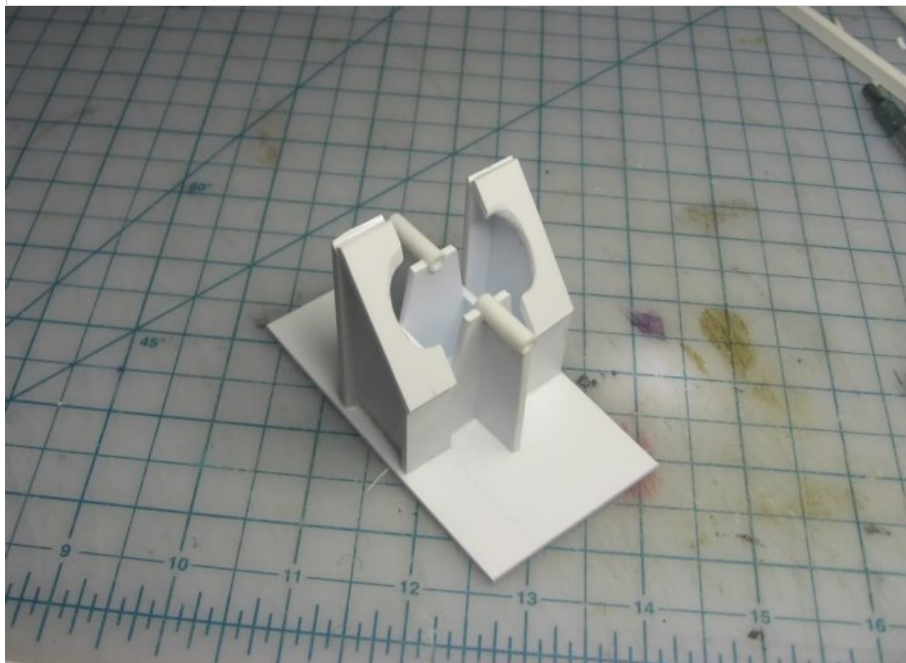


This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 74KB.




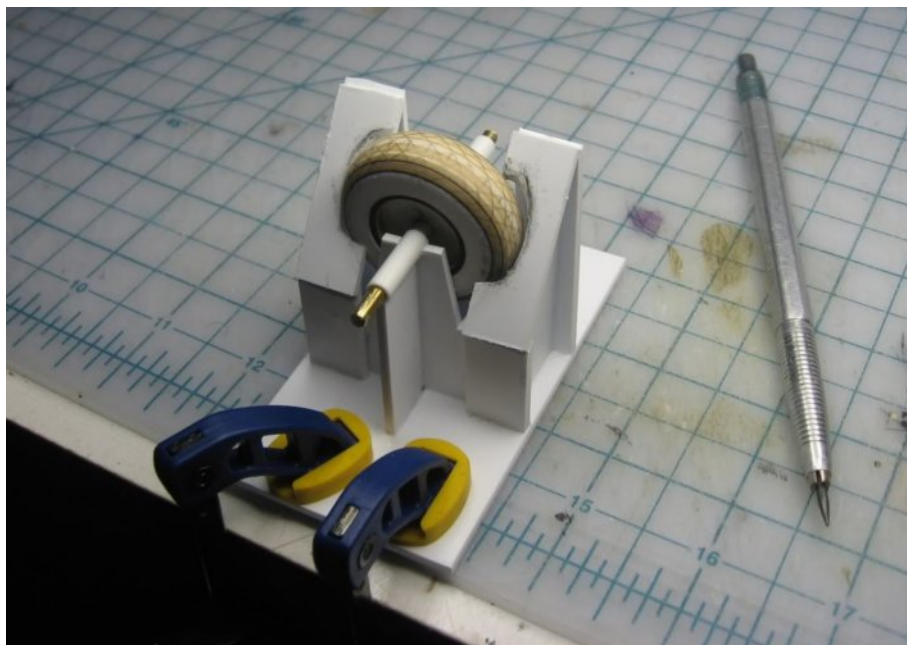
The template is included in my wheel update sheet for both nose and main wheel. That was the easy part, now how to actually cut in the treads? My first go around was to make this fixture. This is the "Cutter, Wheel Treads, Model M-1":

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744 and weights 85KB.




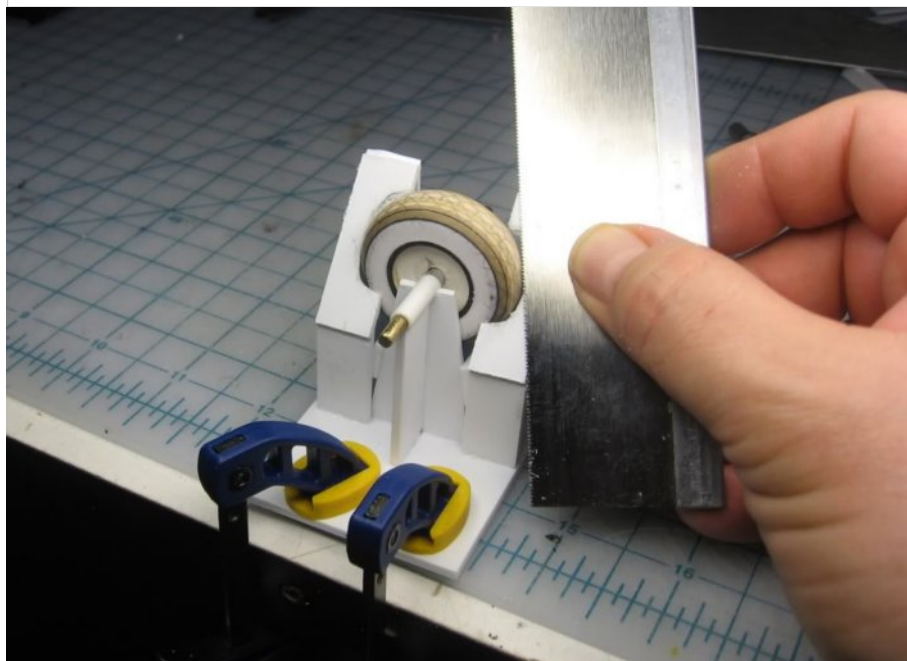
This was made from 0.080" (2.0mm) styrene, glued with Testors liquid cement. Makes for a pretty rigid structure, and seemed like it should work. Used it first to draw in the lines to aid in cutting:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x724 and weights 88KB.

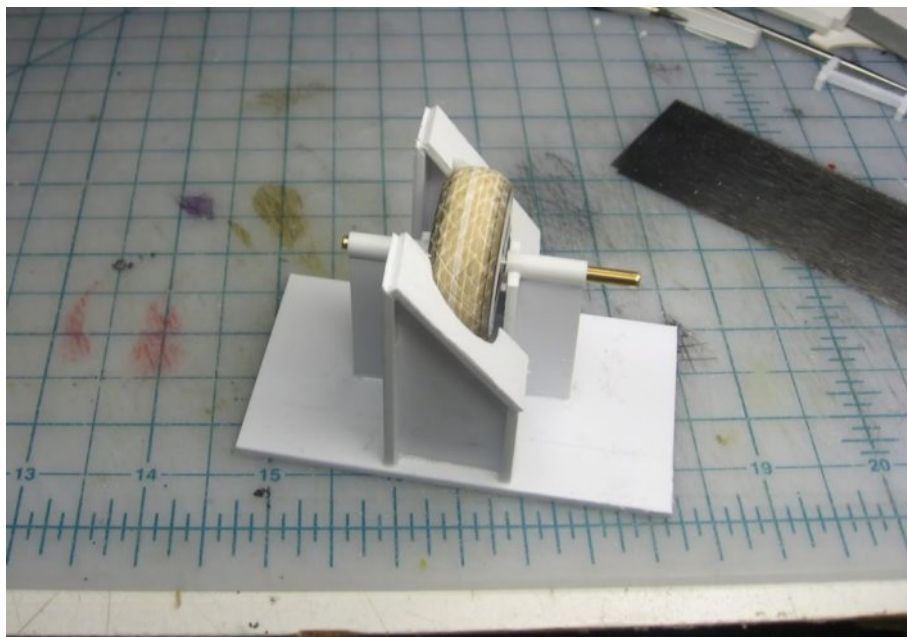


Then using a razor saw, tried to cut in the grooves with the fixture as the guide:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x742 and weights 78KB.

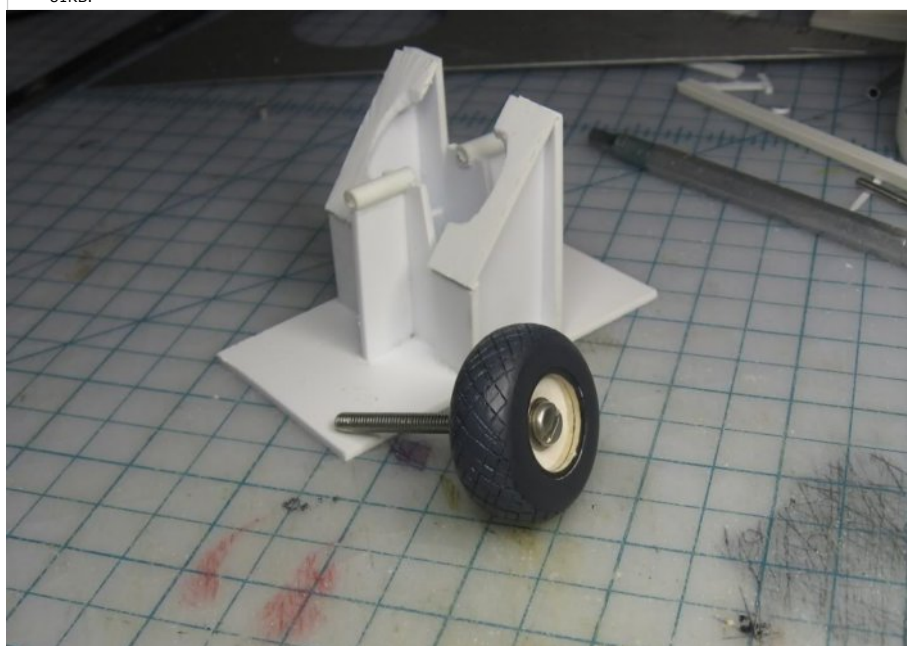


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713 and weights 81KB.




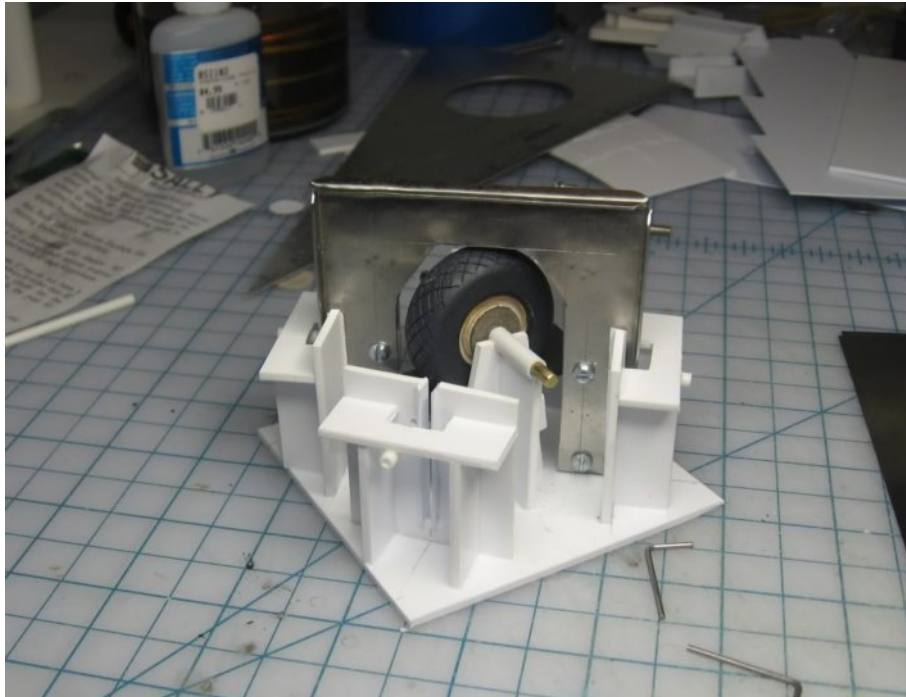
Took awhile to get the technique down, which I figured is always the way. The first one of anything is always the trail blazer, and then it gets better. So I painted the wheel up to see how I did:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x720 and weights 81KB.

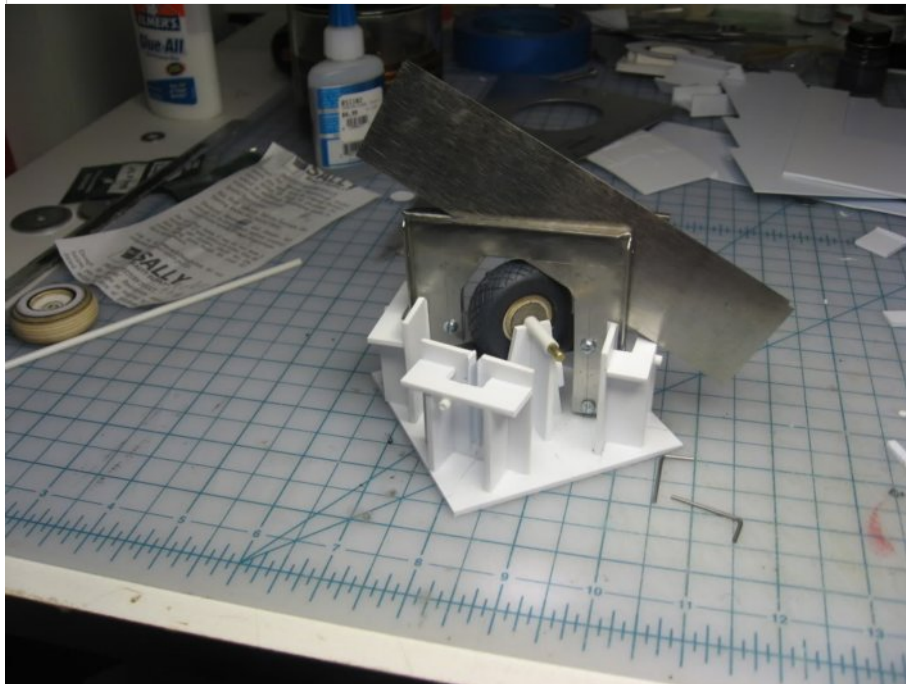


Not as good as I thought. Passable at best, but as can be seen, there were double cuts, off-interval cuts, etc. etc. I could see I had to iron out some issues with the fixture if I was to make a better tread. So, noodling it through last night and this morning, I cannibalized the first fixture to come up with a second generation one. Behold the "*Cutter, Wheel Treads, Model M-1-A1*":

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x786 and weights 87KB.




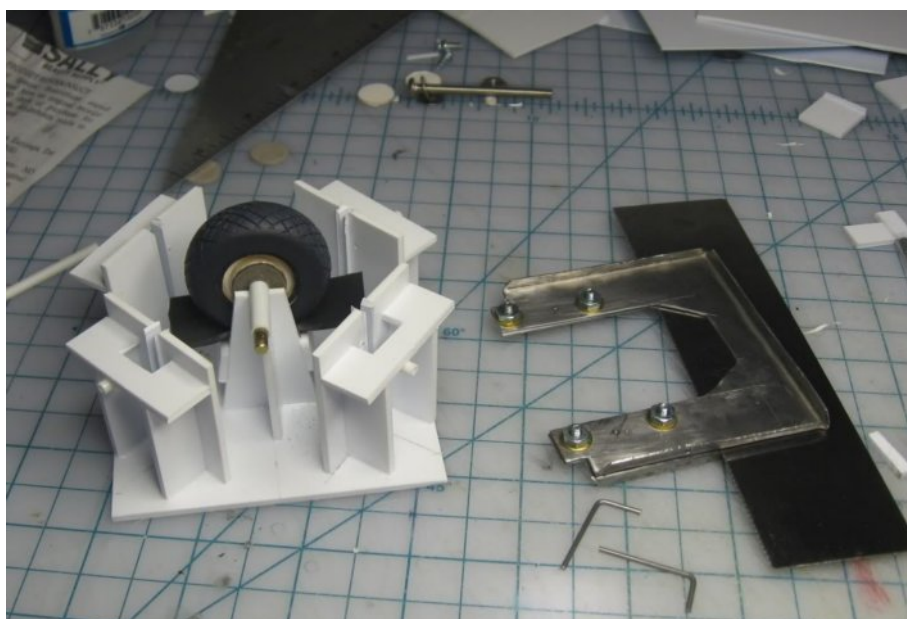
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768 and weights 111KB.




Easily the most elaborate and over engineered thing I've done for this project, but I figured if I can net all the errors from the first attempt, this will be a useful tool for many a future project. This thing uses armored plate steel with triple redundant "clever-metal" assemblies to withstand Tee-Dee Disrupter blasts at point-blank range, and willoh wait.....another project....sorry.

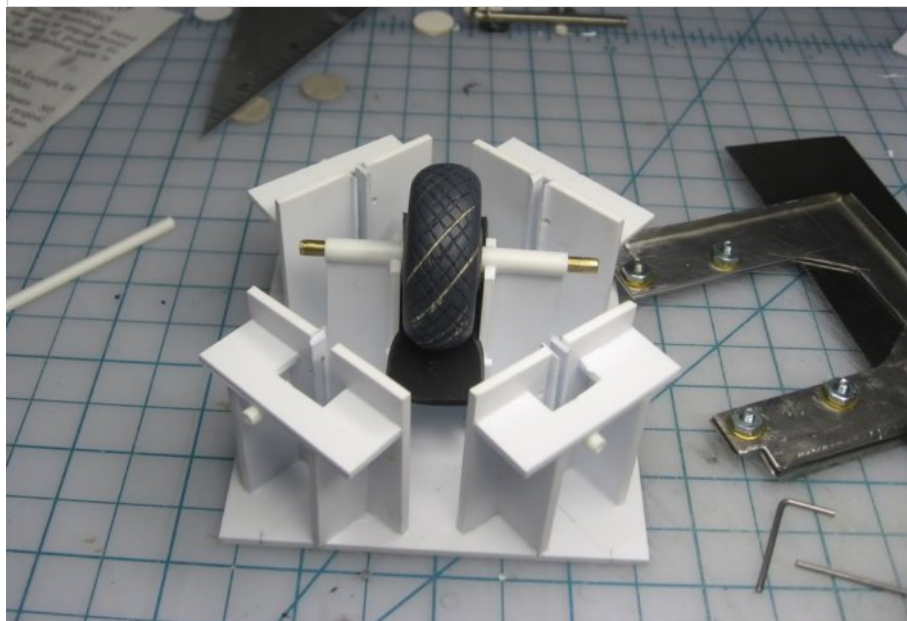
Actually, some of the things this rig incorporates to overcome the problems I found in the first: Plate steel saw guide to keep the saw aligned and square, rubber pad at the base of the wheel mount to hold it firm when cutting, and the ability to shift the plane of the saw to the opposite angle using cradles:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x692 and weights 92KB.



I tried it on the first wheel and after a few messing around cuts, achieved a pretty straight cut:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696 and weights 82KB.



The test is to see if that's repeatable. The two pins in the foreground of the pics resulted in those first tentative trials. The metal saw guide wanted to jump out of its cradles as I sawed, so now I pin it into place at the sides.

Well it looks like I will have to sand/shape that third wheel, but I guess my sinuses will just have to suffer a bit more. Some more trials tonight with any last minute tweaking as required, then I should be able to crank out some treaded wheels.....yeah right!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 03-20-2010 at 05:02 PM. Reason: Never will I tell you where the gold is hidden. Never!



 03-20-2010, 05:41 PM



Papercut
Member

#1017 ([permalink](#))

Join Date: Dec 2008
Location: North Carolina
Posts: 1,339

The jig itself is awesome, let alone the job it does. You have placed the bar well above the mark to aim for with this one.

Rick



03-20-2010, 06:04 PM

#1018 (permalink)

kenwest 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 415

Just when you think it can't get any better....

Simply amazing!!!!!! 😊

Ken



03-20-2010, 06:11 PM

#1019 (permalink)




Bomarc 

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

Quote:

Originally Posted by **kenwest** 
Just when you think it can't get any better....

Simply amazing!!!!!! 😊

Ken

Hey, hey, hey! What are you doing over here Sir?! You need to be finishing up that lovely Connie of yours so I can purchase it. Off you go!

Thanks just the same.... 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-20-2010, 06:57 PM

#1020 (permalink)



Gil 

Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 774

Treading on tires...

The Machinist Mate self has surfaced again... Nice jig rig but you've got to get these outbursts under control...

Here's something from my bout with tire treads...

+Gil



 Quote

 Post Reply

Page 102 of 104 << First < 2 52 92 100 101 **102** 103 104 > >

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules 

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:40 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 103 of 104 << First < 3 53 93 101 102 **103** 104 >

LinkBack Thread Tools Display Modes

03-20-2010, 07:09 PM

#1021 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

Quote:

Originally Posted by **Gil**
The Machinist Mate self has surfaced again...

Hee, hee!

Ya' got me sir! True enough, this M-div'er can't steer clear of jigs and rigs...

Nice treads there. I'm guessing some kind of paste/plaster modeled by rolling over a pattern etched/molded in plastic, or a variation?

Are we having fun yet? 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

 Quote

03-20-2010, 07:36 PM

#1022 (permalink)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 774

Tulle...

Quote:

Originally Posted by **Bomarc**
Hee, hee!

Ya' got me sir! True enough, this M-div'er can't steer clear of jigs and rigs...

Quote:

Originally Posted by **Bomarc**

Nice treads there. I'm guessing some kind of paste/plaster modeled by rolling over a pattern etched/molded in plastic, or a variation?

Are we having fun yet? 😊

Mike

Yeah, Hav'in fun...

It's a strip of gossamer cloth called tulle glued to the tire. It makes a great tread effect even though it's an inverse topography. I've got some ideas I might try to resurrect the tread topic...

One other point is that tires are a very dark gray color with a lot of red and some green. I mix "El Cheapo" tempera paints from Michael's with a little gloss acrylic to do the trick well... This was derived from rendering tires in McNeel's Flamingo...

Best regards,
+Gil



03-20-2010, 07:43 PM

#1023 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658

Very cool. I did a dark gray when I painted that last "tire" in my tribulations. I remember "way back when", the "in the know" modelers used Pactra's "Hot Rod Primer" for painting tires as just plain old "flat black" wouldn't be right. Some things never change.....

Thanks!
Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-20-2010, 09:06 PM

#1024 (permalink)



cmags
Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 555

Excellent work on those treads Mike. I was thinking that the treads would need angled cuts like that but couldn't figure out how to do it neatly with knife. I haven't gotten myself into jigs yet (hell the canopy frame on my mustang was my first non-part part ever methinks), but I'll probably get there eventually. 🤖 Home stretch now - can't wait to see it all together.

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMaags' Card Model Builds](#)



03-21-2010, 07:14 AM

#1025 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,337

Mike...? You know that word you have come to love and understand ????? well, it speaks volumes for those jigs. rigs and

treads ! so here you go my friend - i am suitably



GOBSMACKED

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: Short Stirling
On Hold: Yamaha VMAX

<http://www.youtube.com/watch?v=Rqu52si0Fzk>



03-22-2010, 07:27 AM

#1026 (permalink)




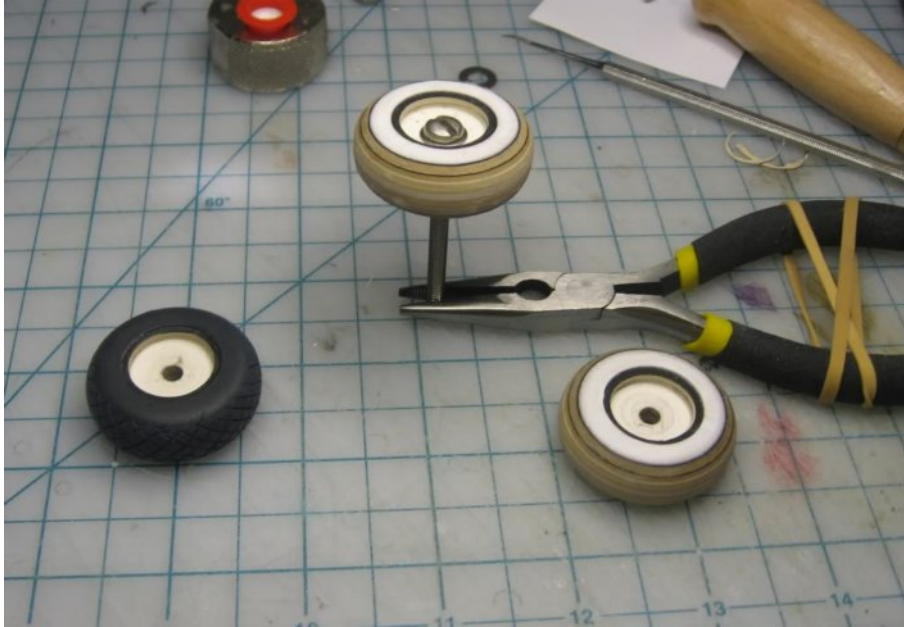
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 658


Thanks Peter, that *is* my new favorite word, but let's not over work it eh? 🤖

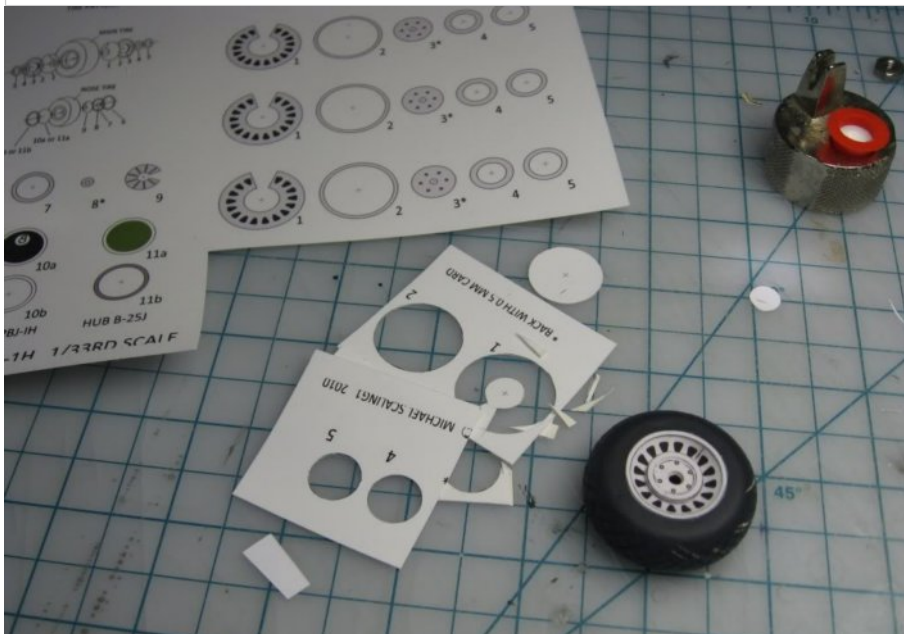
Not much progress to report as I spent most of the time cleaning up the resultant mess from making fixtures. I did find time to spin up the third tire (the little known sequel to Orson Wells' "The Third Man". Didn't do well at the box office....):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x707 and weights 89KB.

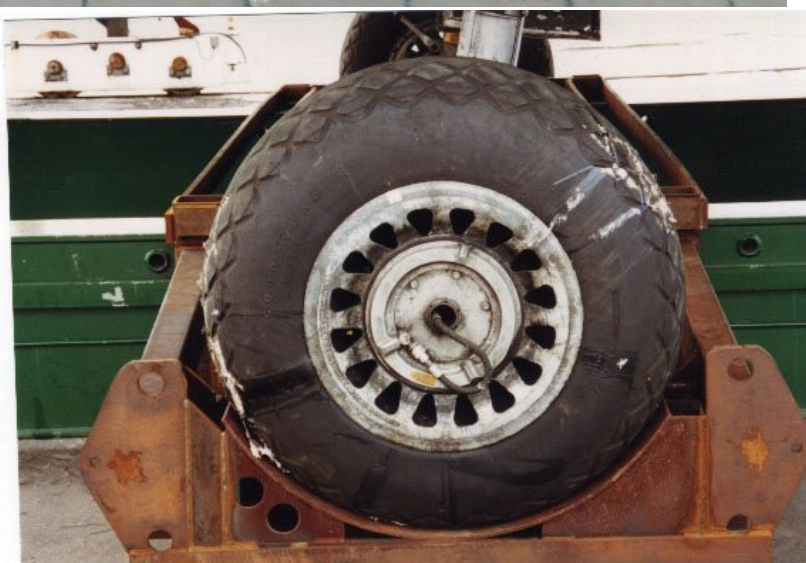


So I'm pretty much ready to try cutting in tread again. I did take the (now) test wheel and assembled the hub parts to see how it all works. A couple of glitches (nice gap there eh?) but it actually fits together:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x716 and weights 94KB.



Compare and contrast:



Close enough. I forgot where I got the picture on the right (too much internet surfing), so if anyone recognizes it give me a holler and I'll credit or delete as required. I've since tweaked the drawing sheet and think it's as ready as it will ever be, so one more test fit tonight, and in the download section it goes.

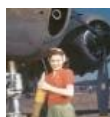
Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



03-22-2010, 06:04 PM



Bomarc
Member


#1027 (permlink)

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 658

Worked the kinks out of the wheel parts:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x738 and weights 88KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758 and weights 98KB.



Darken the gray a bit, lighten some of the line weights, and some general tweaking of the parts sheet. Looks like it will fit with the rest of the model (just imagine a strut there holding up the wheel instead of those fat fingers):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x675 and weights 87KB.



PDF is in the Aviation section of the Downloads area. Enjoy!

Dress rehearsal is over, time to make some final wheel assemblies....fat fingers crossed!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



03-22-2010, 10:04 PM



John Bowden
Member

#1028 (permalink)

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 842

OK..... this ain't the final wheel?

Shoot man! You do amaze!

www.dgapapermodels.com

[My Drawings](#)



03-22-2010, 10:24 PM



Jim Nunn
Member

#1029 (permalink)

Join Date: Jun 2007
Location: Papillion, Nebraska USA
Posts: 291

Mike,

Awesome

All I can say about the cutting jig is to refer to my signature.

My second thought is did he make a set of plans. . . .

Jim Nunn

There is a very fine line between paper modeling and mental illness.



03-22-2010, 10:26 PM

willygoat
Member

#1030 (permalink)

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,420



I wonder if you could send your wheel design to Orlik for them to consider publishing with the model. Oh, and a ton of photos from your build That would be cool.



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 04:42 PM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

 « First < 4 54 94 102 103 **104** 105 106 > Last »


cdwheatley
Member

Join Date: Apr 2009
Location: Havant, Hampshire, England
Posts: 323

The mind just boggles! I probably spend more time and effort on entire models than you did just on the wheels here 😲.
Superb work, keep it up 😊.

Recently completed: Supermarine Spitfire
Currently working on: Boeing Model 299

<http://chrissmodels.webs.com/>

Quote



billy.leliveld
Member

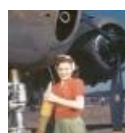
Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 1,083



Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>

Quote



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Quote:

Originally Posted by **Jim Nunn** 
My second thought is did he make a set of plans. . .

Hi Jim

If you're referring to that fixture I made, yeah...about that...um...When I start getting into "Jig and rig mode" I just hole up in my garage and start measurin' and cuttin' and drillin', and cussin' (lots), and measuin' some more, etc.... It's a flurry of activity where I always fail to do one more thing: Documentin' (one of my many flaws). If, after using it in the coming nights, it proves useful, and if there's interest, I might try to reverse engineer a set of drawings for the DIY crowd. But looking at the pics I posted, it shouldn't be too hard to come up with a similar rig on one's own, or even something better, as I'm sure I'm going about this the caveman route (go with what you know in my case, being a knuckle dragging ex-squid).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 03-23-2010 at 06:05 AM. Reason: 1.21 gigawatts? 1.21 gigawatts? Great Scott!!!!

Quote





Bomarc 

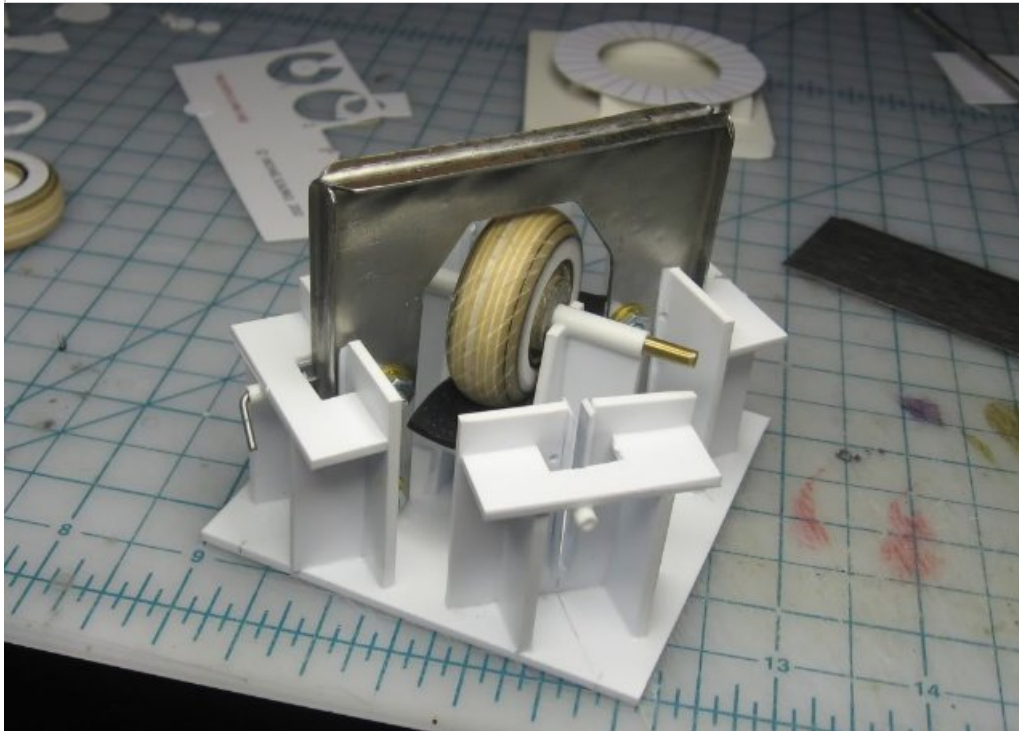
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

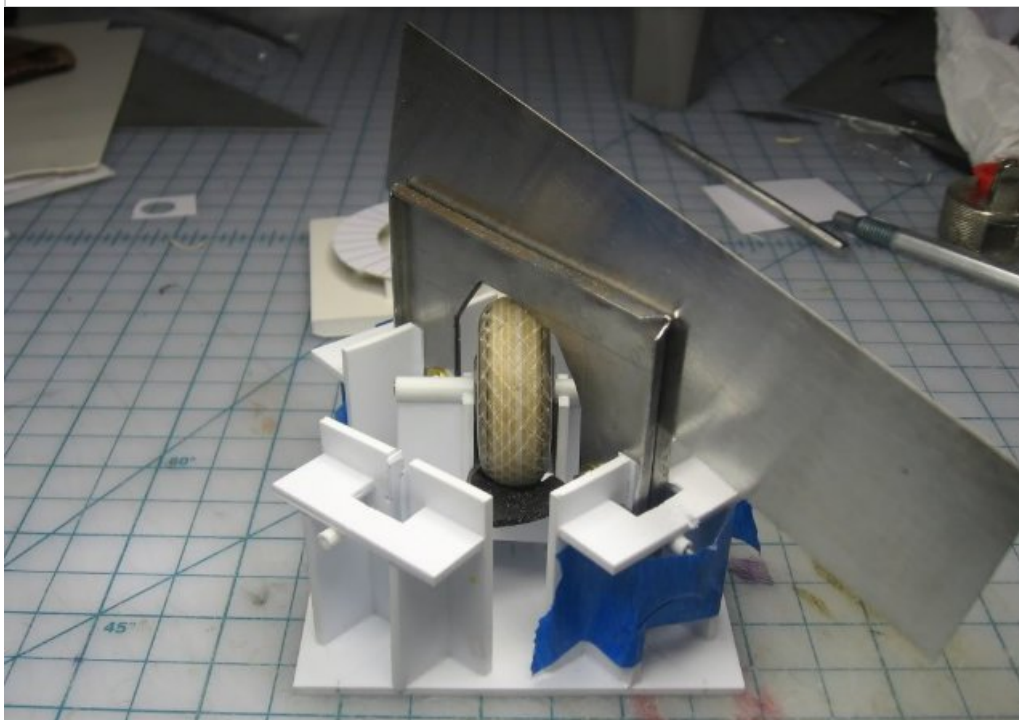
Success....

I think this new tool's a keeper. Started slow, but the technique was mastered fairly quickly. The trick was to saw like you mean it, not take little tentative strokes (the tool probably senses fear in those wimpy moves). Here some pics of it in action:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730.



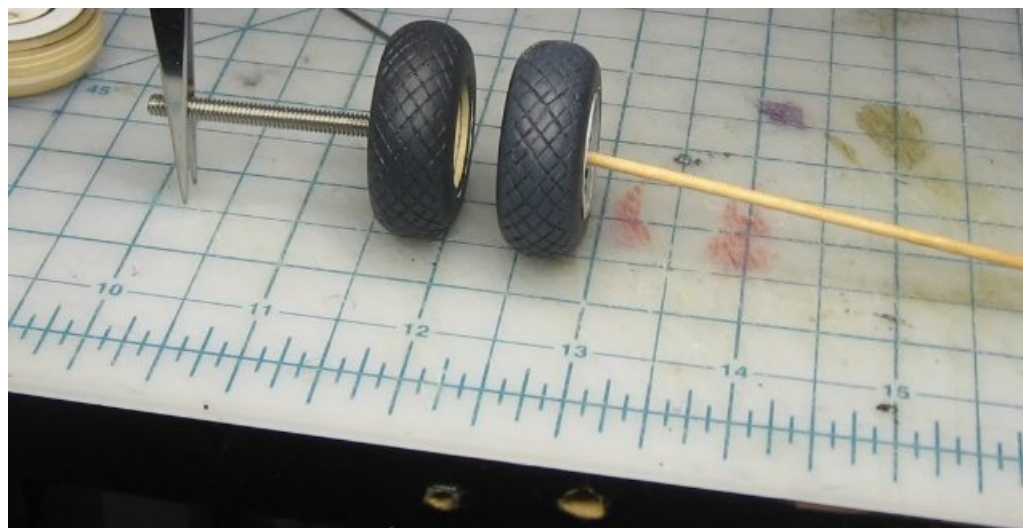
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717.



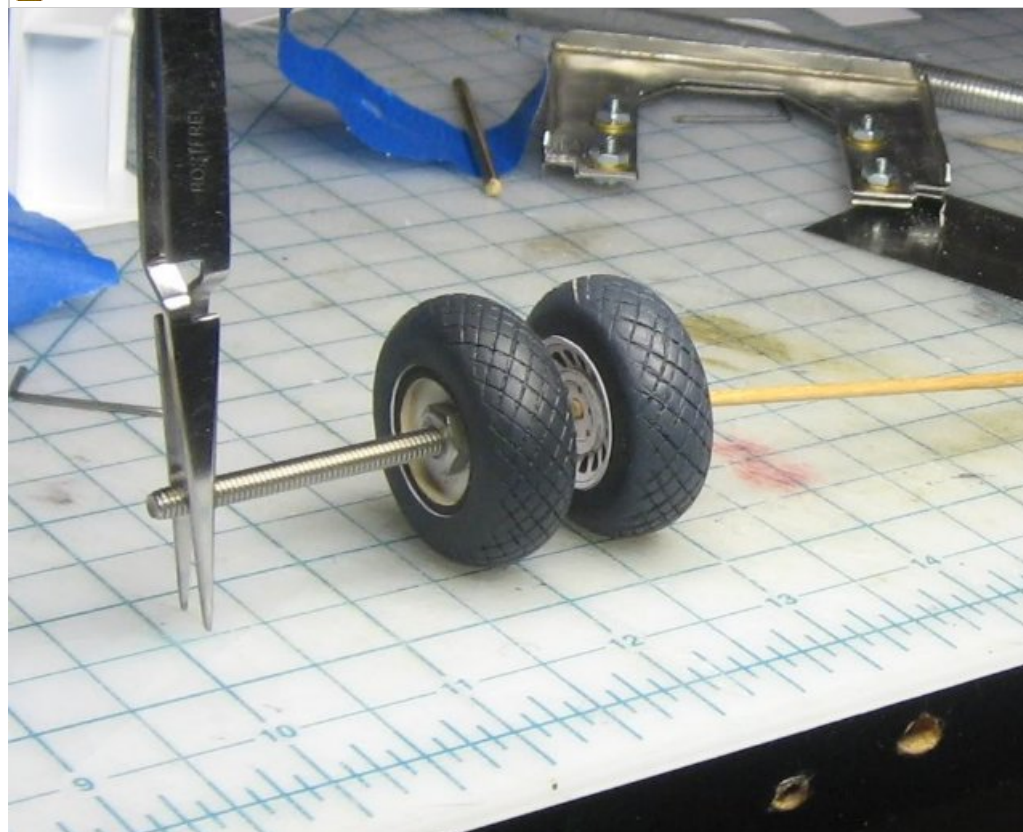
Pretty much freed me up to concentrate on spacing. By using a light color piece of card down the exact center, I had a built in center line, which was a blessing as the pencil marks were obliterated in the first pass. I need some work keeping the spacing right, but still infinitely better than the first attempt. The new on the left, the old on the right:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x773.





 This image has been resized. Click this bar to view the full image. The original image is sized 940x761.



So I'm likin' it. Two more tires to go, then something else, always something else....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,451

That's pretty neat Mike! Can't wait to see what you do for the LG legs.





solo67
Member

Join Date: Nov 2007
Location: hadera israel
Posts: 155

Fantastic mike....I really like the jigs that you make . what are they made out of ? is it evergreen plats ? kapa plates ?

Moshe O

Current Build: [IAF B-17 \(1:44\) Repaint](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Thanks WG. For the struts, I think I'll just shove some fuzzy pipe cleaners in the wheel wells and call it a day.... 😊 Maybe not, but for the struts to be consistent with the rims/wheels, it'll take some planning and a little more research. Last bits though....

Quote:

Originally Posted by **solo67**
is it evergreen plats ? kapa plates ?

Evergreen Styrene it is Moshe. I have stacks of the stuff left over from my plastic modeling days. I was surprised that I actually had a 0.080" thick sheet in there, bag unopened, with a price tag on it from a hobby shop I don't think is in business any longer. Strange that I would buy such a thick sheet way back when, but it came in handy now.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



flying rasta
Member

Join Date: Aug 2009
Posts: 239

this is insanely beautiful...

to buy...or not to buy...damn you MAREK....damn you!!....ummm....can you make one more 1:50??



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Thanks Rasta.

For anyone interested, I found a small (...ahem...) error in the wheels parts sheet I uploaded earlier this week, and have reloaded a corrected version this morning. BONUS: I've added a second sheet to this new PDF. It contains uncolored rims that can be printed on metallic or colored paper of your choice.

If you have the old PDF, ditch it and grab this new one!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)





jagolden01
Member

Join Date: Jan 2008
Posts: 638

The wheels and tires are spectacular . Even the jigs are works of engineering and art.
I couldn't even conceive, much less build, the jigs!

After completing a project like this, where do you go from here? How much higher can "up" be?



« First < 4 54 94 102 103 **104** 105 106 > Last »

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:19 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

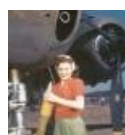
[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?Password
 Post Reply

 « First < 5 55 95 103 104 **105** 106 107 > Last »







Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Quote:

Originally Posted by [jagolden01](#)
After completing a project like this, where do you go from here? How much higher can "up" be?

Thanks Joe! To answer your question, to me, model building is like Jello: There's always room for more! 😊

Onwards and upwards.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

 Quote




AndrewO
Member

Join Date: Jul 2007
Location: San Jose, California
Posts: 36

Still. So. Impressed !

- AndrewO, in San Jose, California

 Quote




peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,399

Quote:

Originally Posted by [jagolden01](#)
After completing a project like this, where do you go from here? How much higher can "up" be?

I often think this. That bar is already poking out of the clouds... next notch being borders of space. But like Mike says "Onwards and Upwards" I don't ever think i could get close to Mikes given talent - but saying that.. i will give it a damn good try 😊 All Hail the BOMARC... he's taken this paper model world by the horns and he aint ever letting go - at least i hope not.

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
All Builds on hold due to Pompholyx - cant touch paper without ruining it 😞 Back in Business when it clears.

 Quote






Bomarc

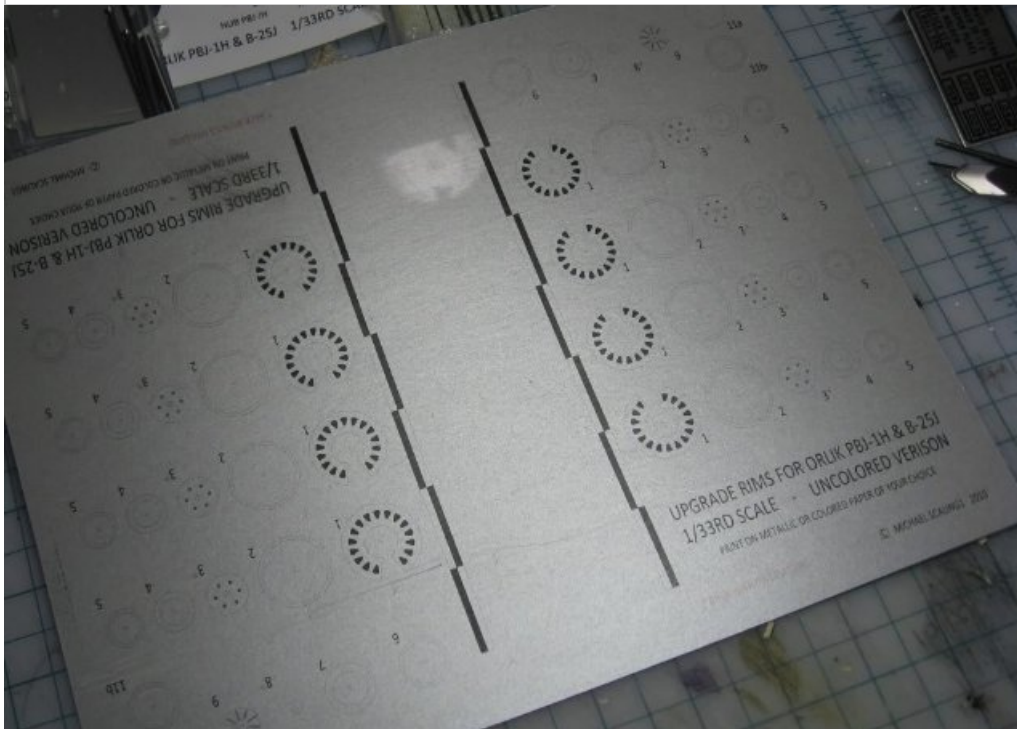
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Shouldn't that be "All Hail Caesar?"Anyway, Pete as long as the current model is better than the last, we're all moving upward and onward.

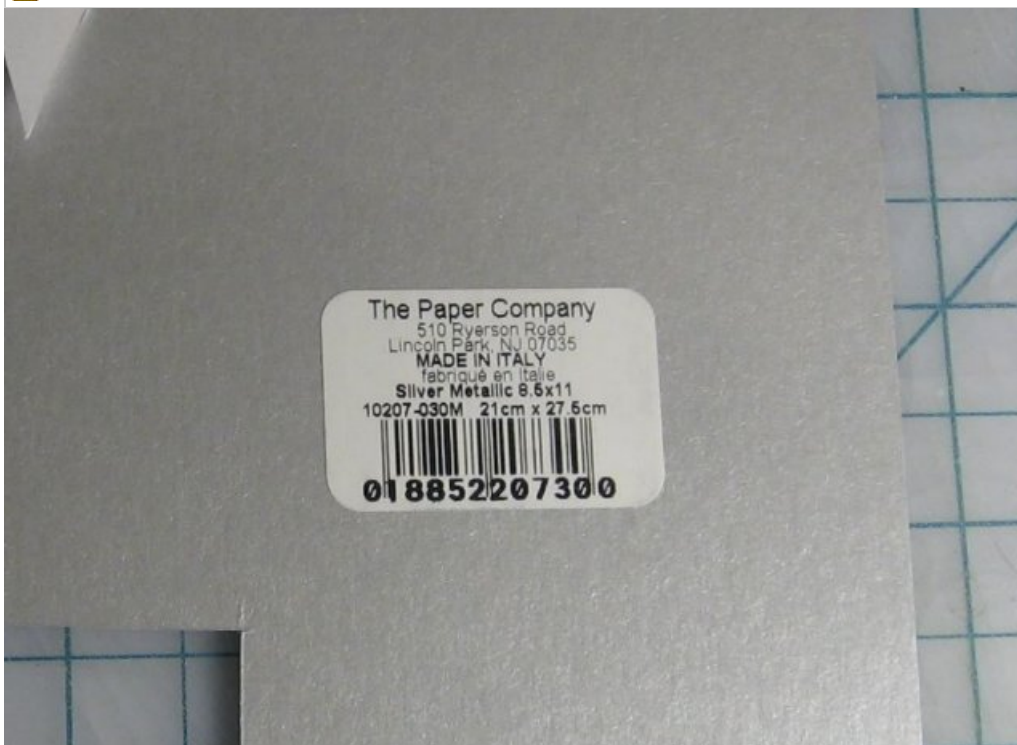
Prototyping is over, time to make some keepers. I wanted to make the hubs silver, and I realized earlier in the week, the only way to do that was to print on metallic colored paper, hence the updated part sheet with B/W parts in the downloads. I didn't have any such paper on hand and didn't want to wait on an order from Red River. I remembered hearing from someone somewhere that the local craft chains carries some kind of metallic printable paper for scrap booking. At A.C. Moore I found this stuff, and it was the last one in silver too! 8 1/2 x 11, and about the weight of 110lb card:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.



Here' the label, that all the info I have:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744.



Prints fairly well. All I really wanted was the main hub parts anyway as I figured I could paint the rest with Model Master


Aluminum (enamel) and get a fairly good match. So the assembly went pretty straight forward. I'll just throw the pics out there, should tell the tale:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x693.



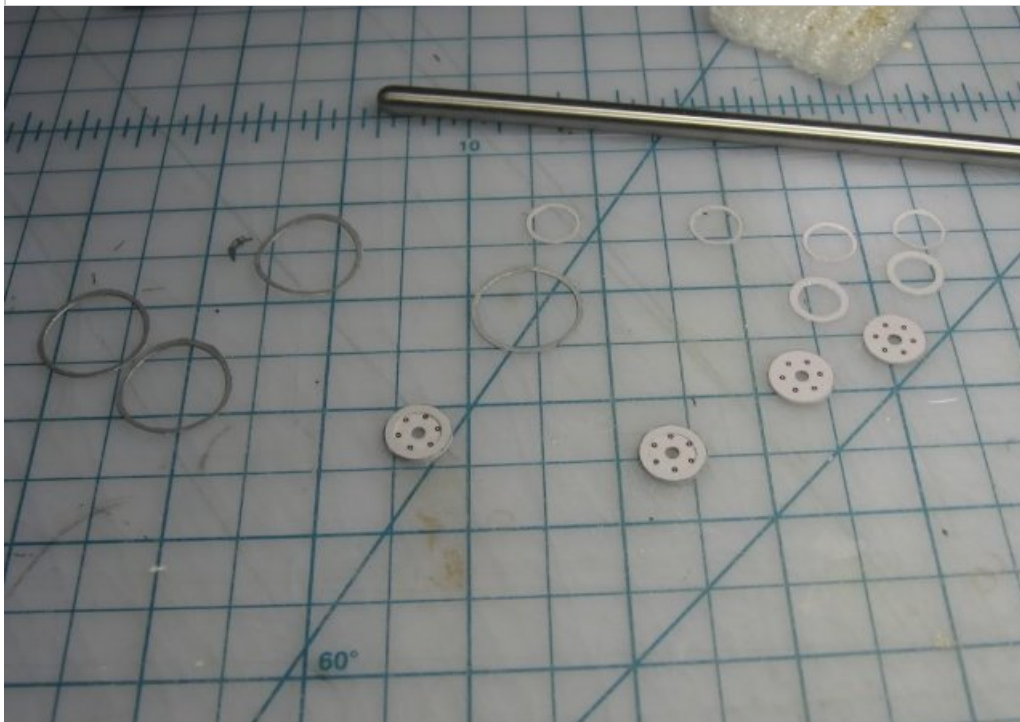
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x661.



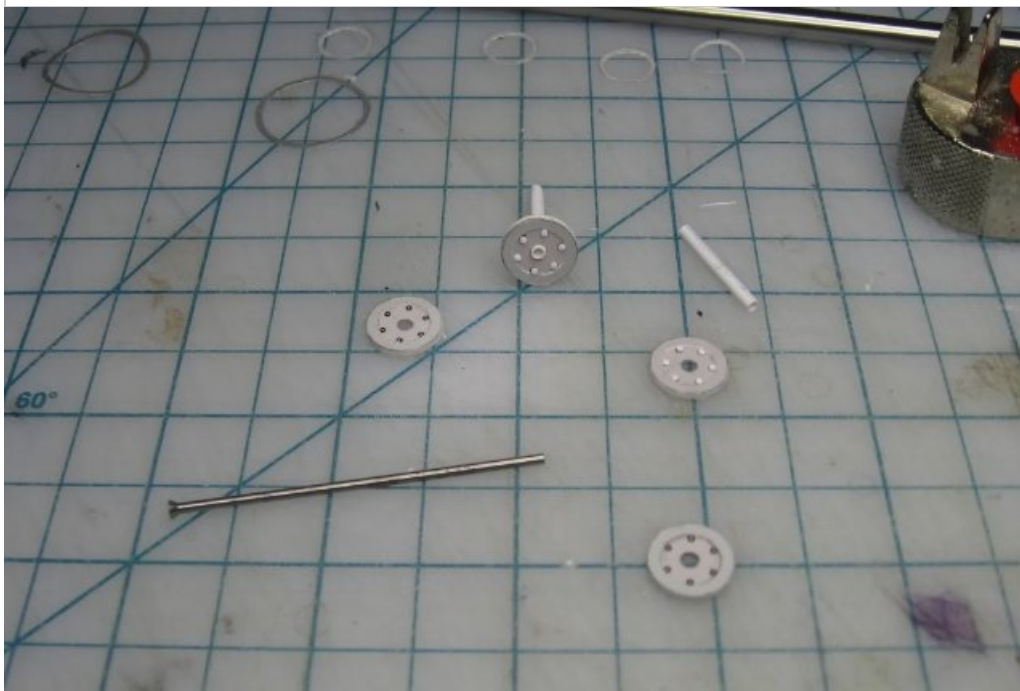
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746.



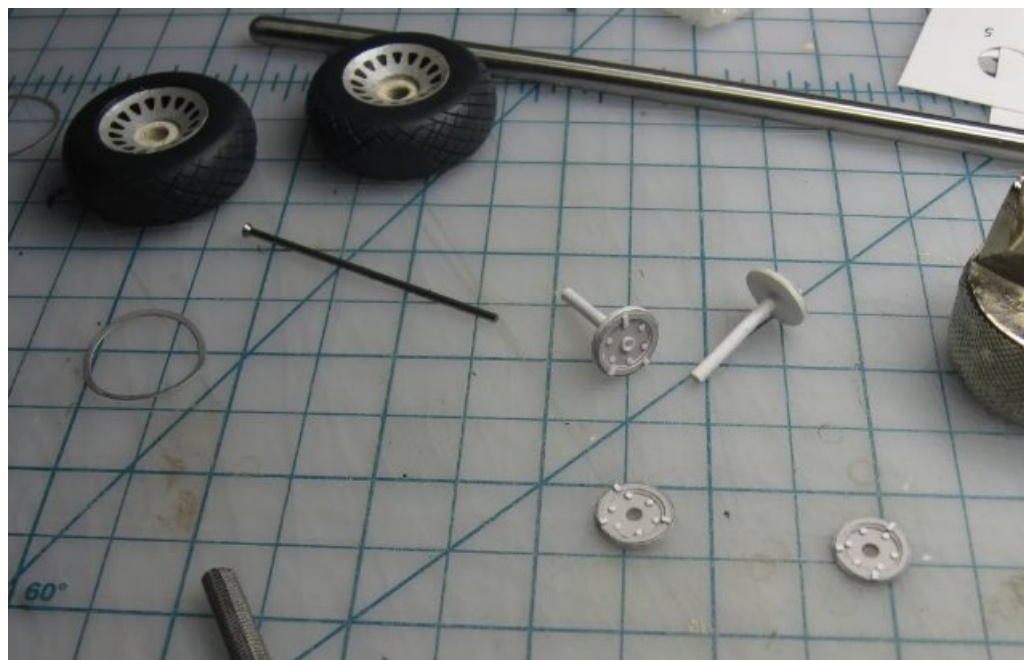
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x720.



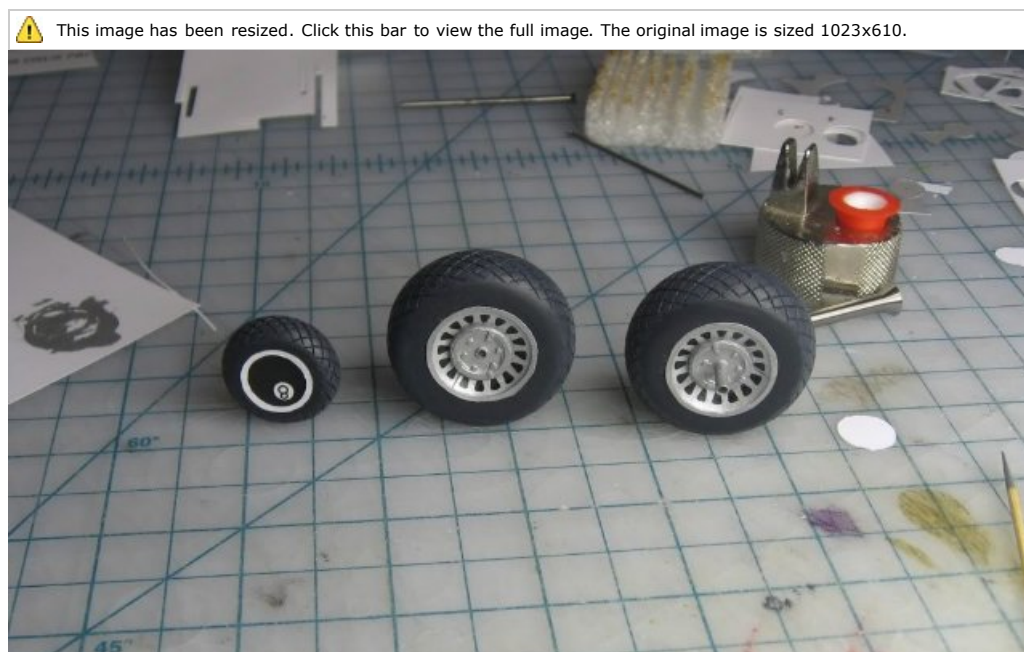
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x686.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x659.




The finished set:

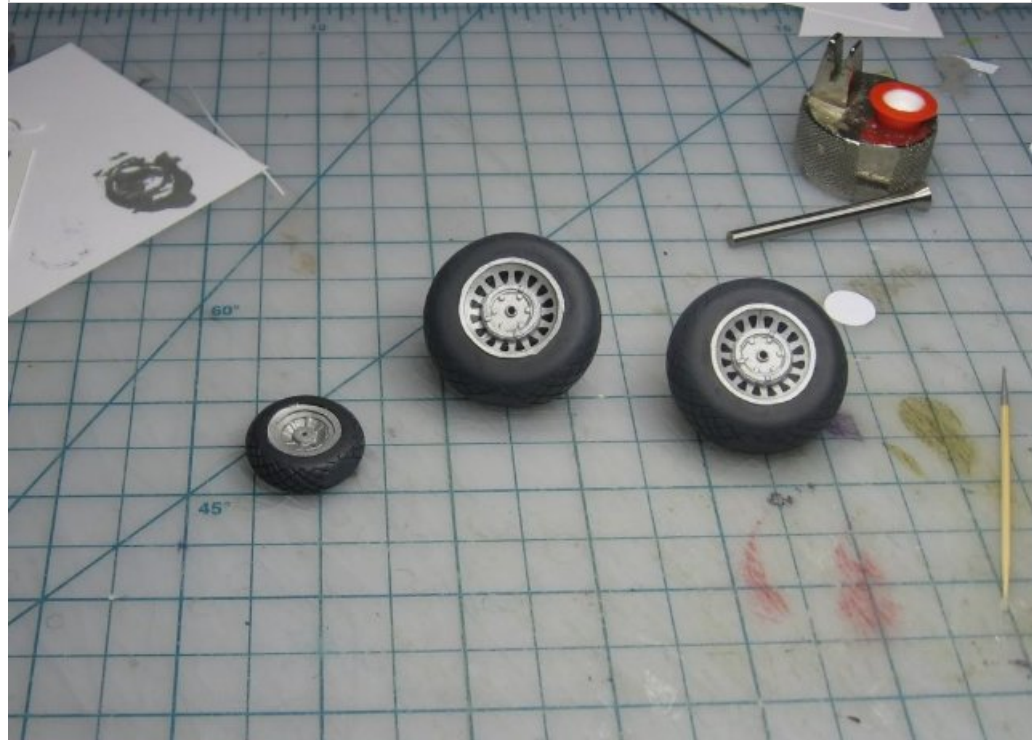



I've since flattened the bottoms of all the wheels. I don't like the bulging "flat tire" that seems popular in the plastic model world, but I do like a little "sit" in the tires. Also, I haven't write much about the nose wheel. Pretty much everything I did on it was the same what was done on the mains, only smaller scale. I did have to make an adapter for the thread cutter to take the smaller wheel, but that was about all that was different.

A couple of more views, plus some of the ref's I used to prove I'm not making this stuff up (no, really, I'm not 😊):



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x736.



 This image has been resized. Click this bar to view the full image. The original image is sized 650x808.





Struts and such next, I guess....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

Last edited by Bomarc; 03-27-2010 at 08:59 AM.



birder
Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 2,080

Love the tires and wheels, Bomarc! Not seen any better ones..my own effort of such on the p-38 is simpler, woodturned and hand ground pattern, but the little diamonds would pop off when the pattern was cut Argh...ended up soaking the wood with polyester resin, that worked ok, but nothing of the accuracy of your "siping machine" way cool 😎. The wheels though, that is amazing work...

Glen



Wily
Member

Join Date: May 2009
Posts: 236

If after reading the latest on this website, do you ever want to cover your eyes and start screaming in disbelief?

No matter. I keep learning tricks from this thread - thank you bomarc for raising the bar. Ok. HOISTING the bar.

Wait.

Putting the bar on a Saturn IV and launching the bar into space.

I'm building at a higher altitude because of this thread.

<S>

wily

"I interview WW2 pilots and draw their airplanes."

My website: www.johnmollison.com

My blog: www.ww2fighters.blogspot.com





willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,451

I'll echo the sentiments of being inspired. It was this thread that kicked me in the butt to go ahead to try and do the detailed interior on my H-19 build.

Oh, and your wheels look fraking awesome!!!!!! 🍷



pahorace
Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 369

Good work Mike (as always).
Details meticulously maintained!
Thanks for the tips: rig for the tire tread (for exceptional realism).

Orazio



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

And now for something completely different

Quote:

Originally Posted by **Wily**
I'm building at a higher altitude because of this thread

Quote:

Originally Posted by **willygoat**
It was this thread that kicked me in the butt to go ahead to try and do the detailed interior on my H-19 build.


Hmmmm, delighted I'm am that the building force is strong within you. Build and post you must! OK, enough of Yoda, and posting is optional of course, but I want to see what you guys are up to, as I'm sure are lots more folks here on the forum.

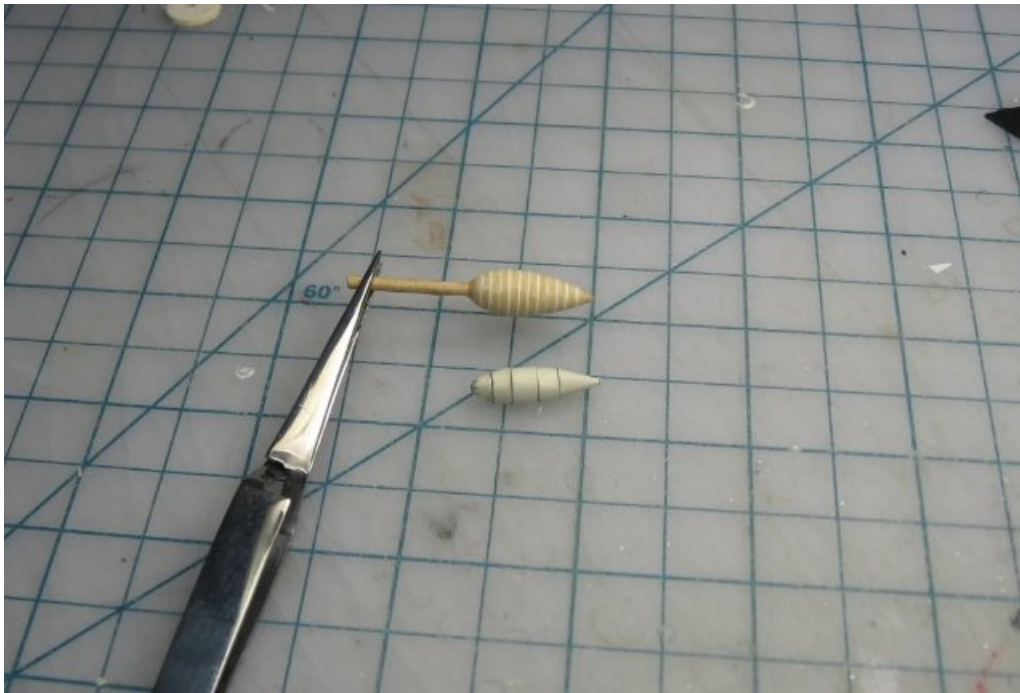
Quote:

Originally Posted by **pahorace**
Details meticulously maintained!

Grazie Orazio! Yes, the details have been maintained, only the names have been changed to protect the innocent...(old "[Dragnet](#)" reference, sorry).

So I took a small diversion from the landing gear to the make the radio compass loop antenna otherwise known as the "football". This was the last part on this model that I would make using the dremel tool/card stack trick, and since I just finished spinning up the tires and had all the stuff ready to go, I could make this fast, right? Well, this little unassuming part took way longer than I thought, mostly because I had no clue as to the standard size of the thing. Thanks to Mark (shrike), who supplied me with the basic dimensions from the NASM inventory, I could spin this thing up. I used the wood-dowel-as-shaft routine:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x689.

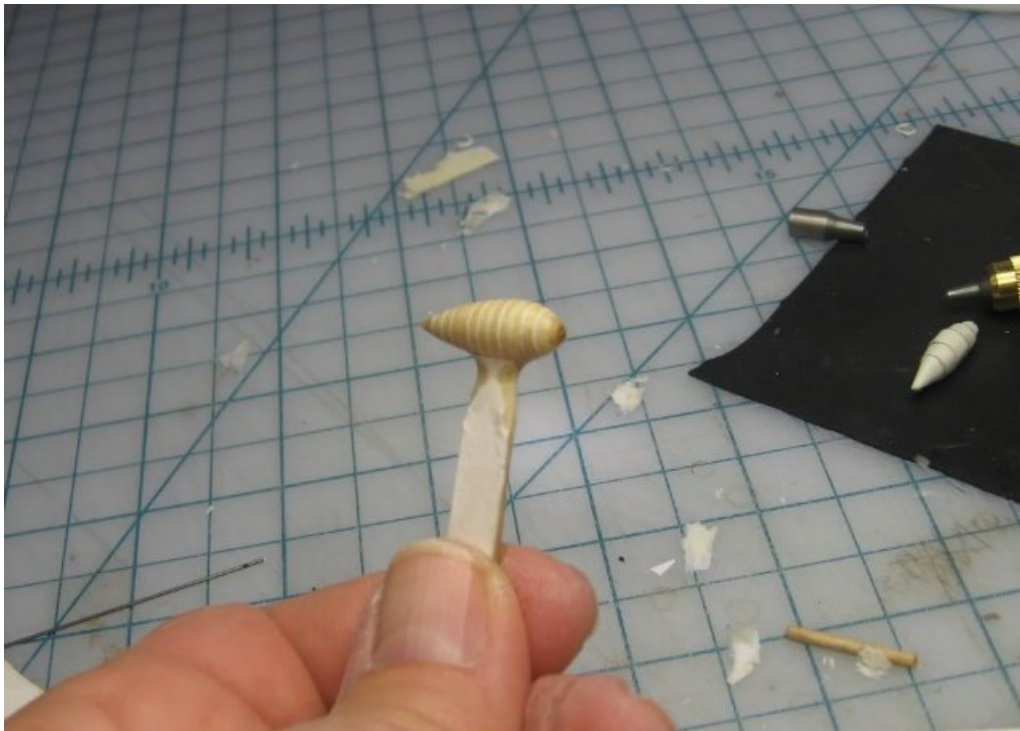


Below it is the kit's "football". I built it up to see if I could get an idea of size, glad I didn't go with that. I used a lot of super-glue for this assembly, gluing two layers of mat board for the mount, then filing and sanding to shape, and coating with super-glue again:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x666.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726.




Once the shape was there, cut it off and added a wire core to help mount it:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x709.



Mixed up a color to match the off white of the bombers belly (a very "cream" shade):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x687.



And how it will look in it's final resting place, tacked there to see if my color was a match:



Another classic "10 minute job" that stretched into a long afternoon. But with that diversion out of the way, *proceed with gear struts, I will....*(get outta here Yoda! Sheesh....)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



medved
Member

Wheely?

Join Date: May 2009
Location: South of Heaven
Posts: 145

Oz TV network 7 recently broadcast a show - *Search For the Mystery Bomber*, where one of the aircraft dived on was described as a Mitchell B25 named '8 Ball Esquire' which went down in Dec '42. This is a pic of the nose wheel, I thought it interesting to see such a different tread pattern, given the details so far revealed by Bomarc's craftsmanship.

Was the nose wheel given a different tread or was this a regional or period change?

Attached Images

 [vlcsnap-2010-03-29-13h37m31s222.jpg](#) (15.0 KB, 44 views)

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)



« First < 5 55 95 103 104 **105** 106 107 > Last »

« [Previous Thread](#) | [Next Thread](#) »



You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:20 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
 **Orlik PBJ-1H Mitchell**

User Name Remember Me?

Password

 Post Reply

« First < 6 56 96 104 105 **106** 107 108 > Last » ▾



Bomarc 
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Hi Medved

There were several tread patterns used on American A/C (not just the B-25) throughout the war, and it wasn't unusual to see a variety of different types on different airplanes in the same squadron or group (even two or three different type on the *same* airplane!). I think the variety stems from different manufacturers interpretation of the requirements, or maybe just to make "their" tire easier to identify, other will know more.

Besides the diamond criss-cross type (my favorite and easier to replicate than some others), there's the brick pattern of the type in your pic, straight circumferential grooves, ovals arranged in a diamond pattern, and a host of others. If you look at the factory photo of the guy manhandling the nose gear strut I posted above, you'll see the "cross" pattern, made up of little crosses in a diagonal pattern. Now *that* pattern would be a bear to reproduce....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

 Quote



John Bowden 
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 848

On different tire tread. you must remember that this was a time of war and it took a nationwide effort to make the materials needed to fight. Many different companies were used to create all the different parts needed for the war effort and was done with the utmost urgency.

In most cases parts had to be standardized (guns, engines, instruments, etc...), but some parts, like tires, all that was required was to be the correct size for the hub. Mostly tread design was left up to what the maker had in their molds. Bomarc is correct in that some aircraft could have had tires from many different manufactures all with different tread patterns. These could have been "new" replacement stock or even come from scavenged parts from un-flyable aircraft.

Today without the urgency of a World War most everything is standardized and therefore easier for us modelers to replicate.

john

www.dgapapermodels.com

[My Drawings](#)

 Quote



medved 
Member

Join Date: May 2009
Location: South of Heaven
Posts: 145

Thanks for the replies on the tyres thing.

I had assumed that the random application of tyres subject to availability & pressures of war would be the ultimate influence.

I was mostly thinking about theatre differences - snow tyres, sand tyres etc etc, whether a different pattern might improve steering on the nose wheel & about the way materiel tends to develop over time.
I was thinking it was approx 1 year into the war for the US, & the tide had turned in their favour post Guadalcanal, so a change in tempo & with manufacturing getting into the swing of things maybe new patterns were being deployed to particular areas....

OK it is a bit of a specific query requiring some detailed specific knowledge but I know there are a few clued-up historians here.... 😊

The B25 in the show reputedly had bicycles on board (amongst other things like guns & ammo).

I hope Bomarc will also be providing the crew with a similar means to transit the airfield when jeeps aren't available... 🇺🇸 🇺🇸 🇺🇸

[Napoleonic Wargaming for the PC Handy Free Software](#)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,367

Airplane tyres are subject to a completely different set of requirements than automotive tyres. Even more so that the difference between auto and motorcycle tyres.

They have to go from zero local speed to 40-140mph instantly upon landing (hence the common 'Skroik!' noise)

They have to suddenly accept a load of several times the weight of the airplane.

They have to have much *less* traction than an auto tyre. They are not driven, so there is no need for 'grip' that way, and they are subject to a great deal of slip. With any kind of crosswind at all an airplane doesn't land straight, but rather at an angle (this is also why main landing gear are set up with toe-out BTW) and a firm grip would be... bad.

Snow tyres and/or sand tyres are not necessary (skip the 'tundra tire' current in bush flying) as soft sand is simply *not* a suitable surface for airplanes to operate from. If snow can't be compacted to a hard surface, or cleared from a paved surface you either fit skis, or you can't fly.

Currently 99% of aircraft tyres are a simple ribbed tread do allow the dispersion of water and that's about it.

I'm not making it up as I go along, I'm establishing precedent



medved
Member

Join Date: May 2009
Location: South of Heaven
Posts: 145

Thanks **shrike** - I just knew there was an expert on aircraft tyres here somewhere 🇺🇸 🇺🇸 🇺🇸 🇺🇸

[Napoleonic Wargaming for the PC Handy Free Software](#)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 785

An Oolie...

Good background information Mark. Mike's "wheels" set a new standard. I was hoping that he'd make a custom punch for the "spoke" holes but, alas, this was not to be...

You mention that all modern, high pressure aircraft tires are ribbed for water dispersion. The oolie question is: "Development of what aircraft is responsible for ribbed highways and an important tire pressure set point?"

The answer to this is important as it had a direct effect on the design of modern aircraft tires...

+Gil



willygoat
Member

Join Date: Jul 2007
Location: Papillion ,Nebraska
Posts: 1,451

Air Force One? Namely, Eisenhauers?



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Always the task master

Quote:

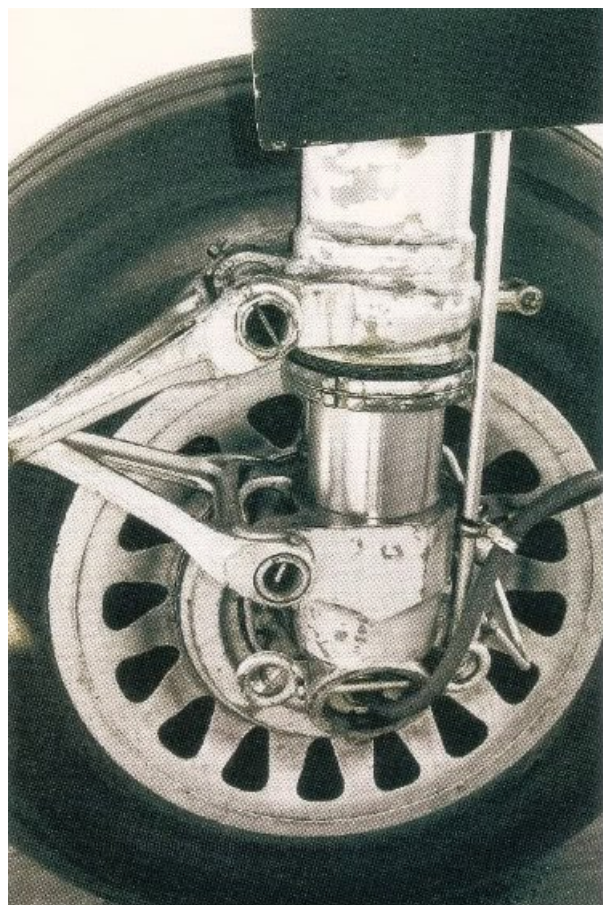
Originally Posted by **Gil**

I was hoping that he'd make a custom punch for the "spoke" holes but, alas, this was not to be...

Well, it wasn't for lack of trying.....



I couldn't get the kind of accuracy in shape I was looking for. The frequency and size of the spoke holes on the real thing were so tightly packed together and **black** (even close up, see below), in the end, I just made my peace with the printed "holes", which do an adequate job of conveying the look:



Next project.....

Quote:

Originally Posted by [medved](#)

*Thanks **shrike** - I just knew there was an expert on aircraft tyres here somewhere*

Quote:

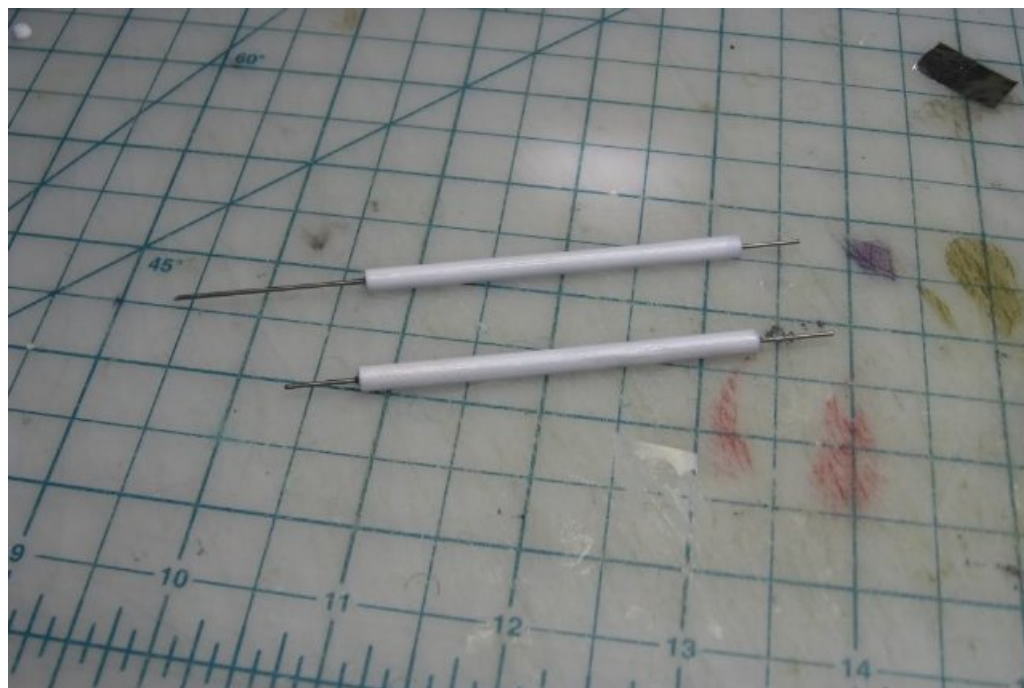
Originally Posted by [Gil](#)

Good background information Mark.

Yep, Mark is an aviation treasure, and I can safely say my model is all the better for it. Also, kudos to him to get someone (me) to look up the word "treyf".....😄

Started on the main struts. I'm going pure scratch on these as the kits parts are too rudimentary, and I've already started down this path with the rims/tires. Rolled two "cores" with a wire inside for strength:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x684.



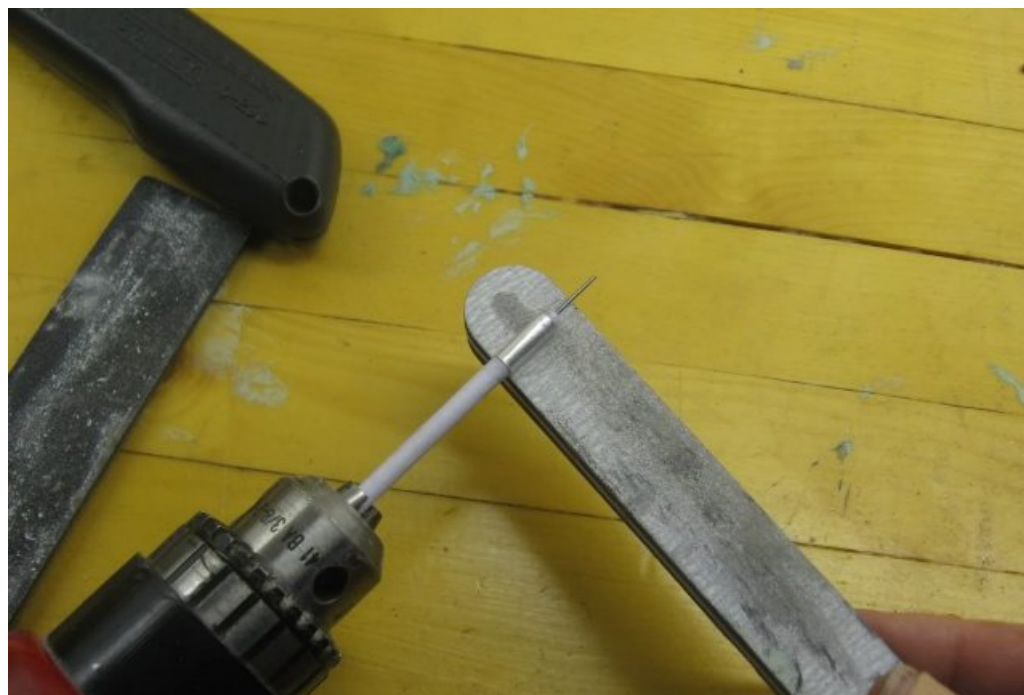
Coated them with superglue after the fact as I wanted to get a smooth surface for this next bit. To make the shiny metal oleo strut, I first super-glued a section of tooling foil on:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x658.




Then (lightly) chucked it up and smoothed it down using those sanding sticks from Sally's Beauty Supply (*another* Mark tip):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x691.




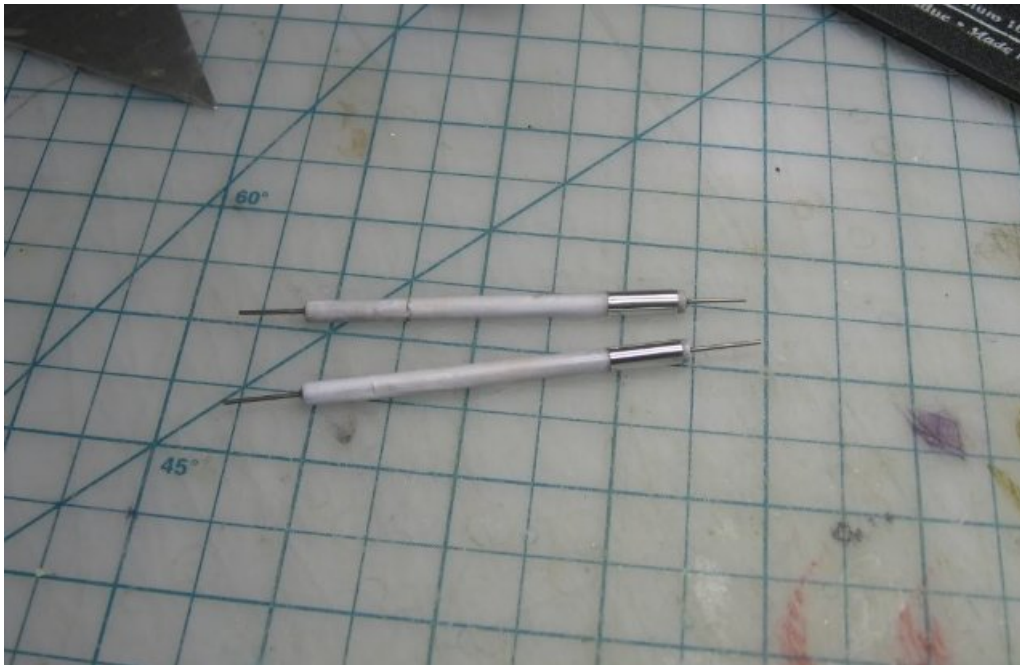
Then another spin with rubbing compound, followed by polishing compound:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x675.




Nice and shiny like the original:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x663.



Here's the stuff I used. I can't remember where I ordered this, I think it was Widget's Tool Supply:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x666.



Spring Break is here, so that means travelling:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x710.



Yep, the PBJ show is on the road again, and may be coming to a town near you!! Check local listings for dates and times.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-01-2010 at 06:12 AM.



[Retired for now](#)

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,293

Still amazing, shocking, astounding, stunning, and inspiring. But, if I see a tutorial on how you made the Schrader valve cores I'm gonna break down completely ...

Yogi (still more thumbs than fingers)



[peter taft](#)

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,399

Quote:

Originally Posted by [Retired_for_now](#)

*Still amazing, shocking, astounding, stunning, and inspiring. But, if I see a **tutorial on how you made the Schrader valve cores** I'm gonna break down completely ...*

Yogi (still more thumbs than fingers)

Yogi... Yogi... Yogi... He did those already ! Page 575..... 🍷 Don't go putting any more ideas in his head... like dampers/springs. I agree with all you said above, no matter how many times one see's this build, it still has WOW factor and i am sure it will be WOWING many many people for ever. 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
All Builds on hold due to Pompholyx - cant touch paper without ruining it 🤔 Back in Business when it clears.



[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Post Reply](#)

« First < 7 57 97 105 106 **107** 108 109 > »

✓ ✓ ✓



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 785

Prescient ...

Quote:

Originally Posted by **Bomarc**
Well, it wasn't for lack of trying.....

*I couldn't get the kind of accuracy in shape I was looking for. The frequency and size of the spoke holes on the real thing were so tightly packed together and **black** (even close up, see below), in the end, I just made my peace with the printed "holes", which do an adequate job of conveying the look:*

Mike

Now how'd did I know that?...

+Gil

[Quote](#)



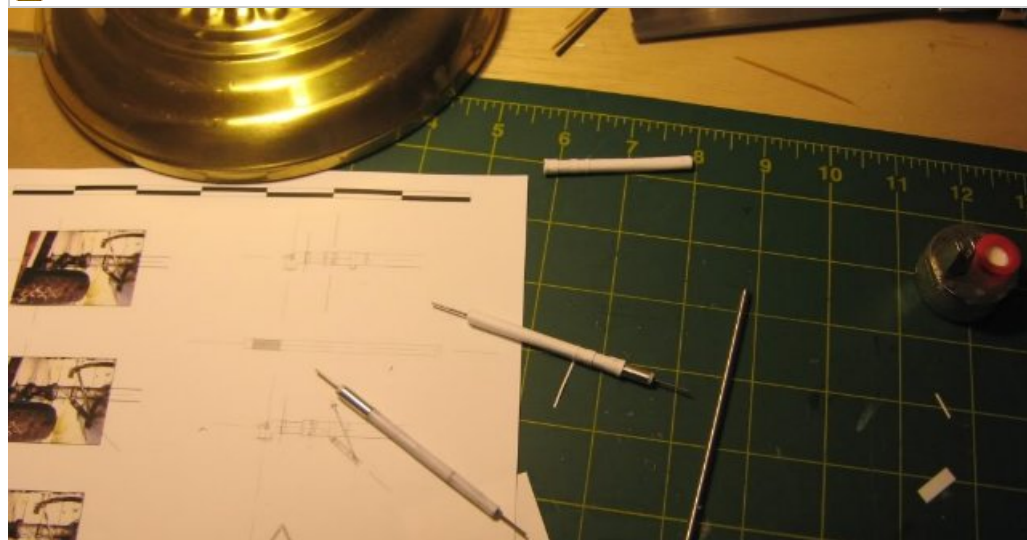
Bomarc
Member


Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Made a little progress on the man struts here at the undisclosed location in Southern New Jersey. Alas, my dad's camera, plus the available light where I work make for some poor images. But the following should make do until I'm back at home base.


Using a quick series of sketches I made up from photos as a guide, making the struts involves nothing more than rolling tubes on top of more tubes. As things were build up, I would coat the whole with superglue. While I hate working with the stuff, I'm finding it increasingly useful, particularly for hardening the paper and smoothing joints, then sanding to shape. This is most useful when making the "ears" that the torque links hinge on:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x712.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x698.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734.




All the components fabricated :


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x755.



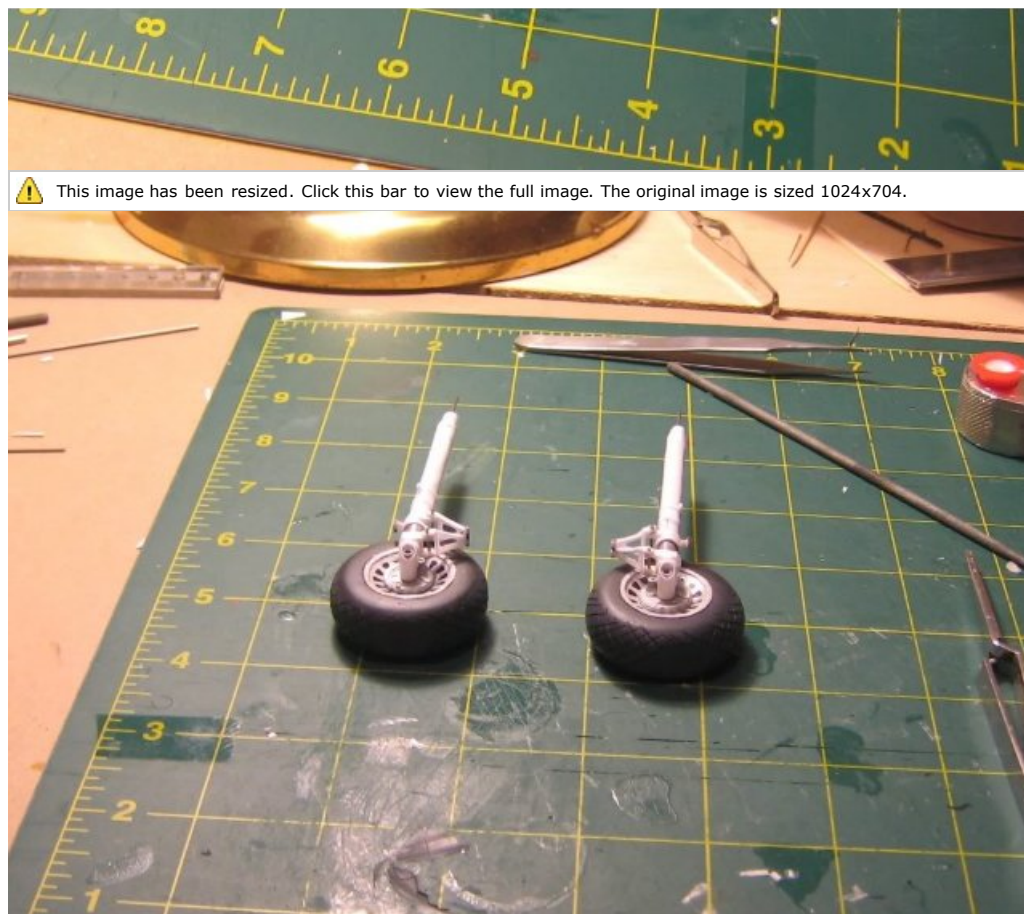
Then assembled :


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x744.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x704.

Some final tweaking and alignment corrections, then I'll disassemble again and paint all with aluminum enamel. After final reassembly I'll trim to length when it's time to mount in the nacelles. I'll add the brake lines later (forgot to bring the solder wire with me on the road).

Better pics later.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,399

Mike... they look pretty damn good - infact when completed they will be superb of this i am very certain 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS
All Builds on hold due to Pompholyx - cant touch paper without ruining it 🤔 Back in Business when it clears.



cmdr199212
Member

Join Date: Jul 2008
Posts: 187

👁️ Your work is very, very, very good. wow!



kenlwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 429

Mike,

The project continues to inspire!!! Those wheels & tires.... unbelievable!

Ken



solo67
Member

Join Date: Nov 2007
Location: hadera israel
Posts: 155

Mike you keep on astounding me 😊 these are the best i have ever seen...(and i have seen some...) fantastic wokrsmanship very inspiring.

Moshe O

Current Build: [IAF B-517 \(1:44\) Repaint](#)



YuG
Member

Join Date: Jul 2007
Location: Tokyo, Japan
Posts: 703

Mike, wheels and landing gears looks great!!!



pahorace
Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 369

Bravo Mike,
extraordinary work and high level of realism on wheels and landing gear.

Orazio



KCStephens
Member

Join Date: Dec 2007
Location: York, PA
Posts: 566

Wow Mike....These sure look better than just glue'n 'em to toothpicks!👍

Fabulous!

Kevin Stephens



Wily
Member

Join Date: May 2009
Posts: 236

Quote:

Originally Posted by **KCStephens** 👤
Wow Mike....These sure look better than just glue'n 'em to toothpicks!👍

Fabulous!

Or my solution - "pretend" they're behind closed landing gear covers.

wily

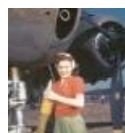
"I interview WW2 pilots and draw their airplanes."

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Post Reply](#)

<< First < 8 58 98 106 107 **108** 109 > >>



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Quote:

Originally Posted by **KCStephens** [↗](#)
....These sure look better than just glue'n 'em to toothpicks!

Well I'm still holding out for fuzzy pipe cleaners struts. Can you even still get fuzzy pipe cleaners?

Thank you everyone for the kind words. Landing gear are my favorite part of any airplane model, I guess that's why I save these for the home stretch. Back at the secret modeling lair, I was able to cleaned up and aligned the struts. Here's (hopefully) some better views:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x703.

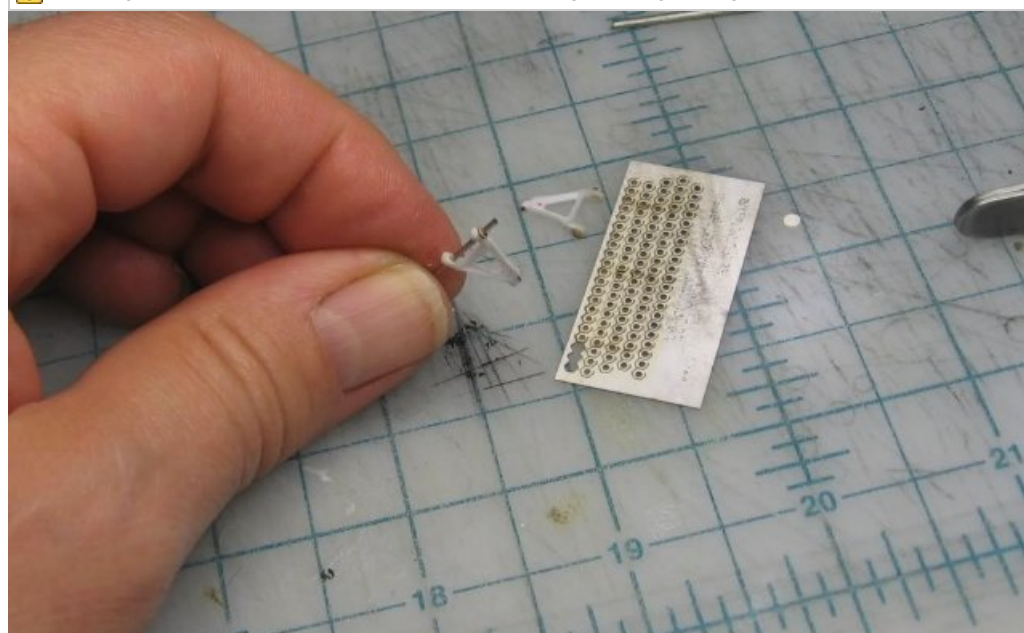


This image has been resized. Click this bar to view the full image. The original image is sized 1023x741.




I added one last bit of detail since I had these handy:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x626.



These are laser cut hex nuts made by Bruce Clemens via his "Avantcard" website ([link](#)). He makes all sorts of neat little detailing tidbits. I got wind of his stuff from Rick ("Papercut") in a post of his. The upper torque links had a large hex nut on either end of the mounting shaft, and these little "nuts" fit the bill. After that, it was finally paint time:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x621.

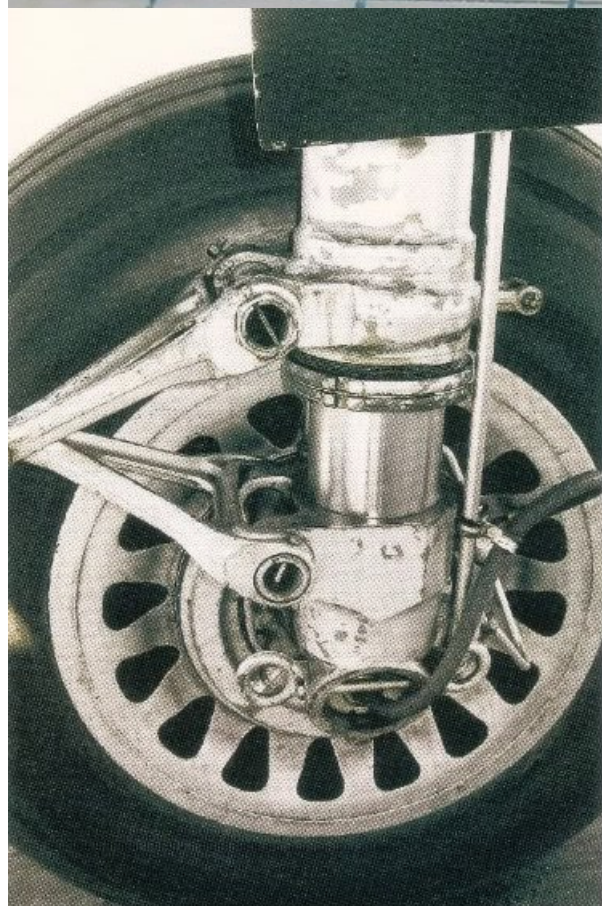


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x663.



I painted all with Model Master Aluminum (enamel) except for the 4 little sleeves for the torque links (just below the main barrels in the pic immediately above) which were MM Steel. The standard "compare and contrast":

 This image has been resized. Click this bar to view the full image. The original image is sized 743x566.



Close enough. The paint looks smoother in person, but I kept some areas of the superglue coating rough. Kind of gives the parts a cast steel look. Nose strut next....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



**cmags**
MemberJoin Date: Jan 2009
Location: Marietta, GA
Posts: 591

Looks great Mike! Very nicely done indeed.

Though I think the one final detail that would really seal the deal would be just the one large black hydraulic hose (brakes?) going into the center of the hub in your compare shot. The little silver lines nobody would ever notice missing, but the black one I think would be an easy final touch. Just a bit of string or black jacket wire, and maybe a touch of silver paint or sleeve on the hose guide because I know you'd want to go that far, just like you did on the engine wires. 😊

Current build: [P-51D Mustang - Old Crow - 1:72](#)
Previous builds: [cMaqs' Card Model Builds](#)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 680

Thanks Chris.

Oh I plan to add the brake hoses alright, couldn't let that go! It's why I went through the trouble to make the axle hollow, so I can snake the solder wire through. Problem is, can't do that until I attach the wheels, and I can't attach the wheels until the model is near done and all the struts are in place so I can rest the wheels on a flat surface. Once the wheels are affixed, then I can add the brakes lines.

"Sequence of assembly" rests for no man! 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

**alfadoc**
MemberJoin Date: Feb 2008
Location: San Francisco, California
Posts: 29

I think Bomarc's secret is that he is actually three inches tall; that's the only way I can think of that he packs in so much detail so cleanly. They're not miniatures to him!

Working on: [Alin's Merlin 45 in 1:33](#) [Will Aldridge's XP-72 Beta Build](#)

**Yale**
MemberJoin Date: Mar 2010
Location: Texas City, Texas -- minutes from the Lone Star Flight Museum in Galveston.
Posts: 23

Could your own skill and craftsmanship cause you problems? Nobody will ever believe these gear assemblies are paper unless you have photos of the whole build sequence right at hand. Even then, many will still suspect you're deranged or a congenital liar. Not only would it be easier for you to make the gear less accurate, it would be far easier to convince the doubting Thomases.

You blow me away every time you post pictures.

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 680


Hi Yale

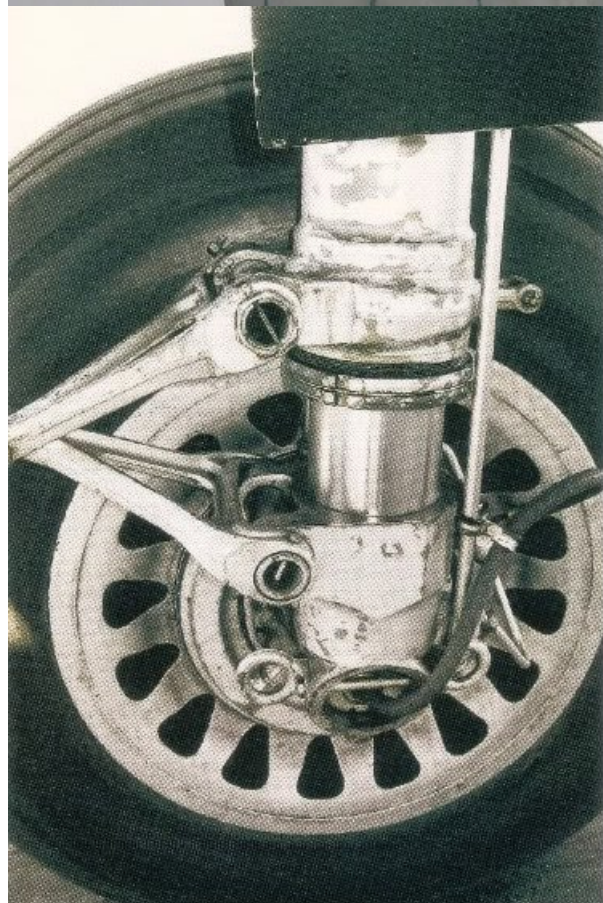
Thanks for dropping in and for the kind words. Interesting thesis. I had this model on display as a "work in progress" at last year's IPMC, and while I heard few comments (I was always orbiting around somewhere else), Colonel Boose (who let me share his table) reported there were more than a few "I can't believe it's paper" comments, but I don't think there were any claims of fraud. If you see the model up close and in person, it's still pretty apparent it's a card model. But, it does bring a couple of philosophical question to my mind for all to ponder:

1. The wheels and struts I made are from 100% paper (mat board, card stock, and printer paper), with some wire and a small section of aluminum foil for the shiny part thrown in. While the majority those components were assemble with good ol' Elmer's, all the parts were later heavily coated with super-glue, which essentially plasticized the material. Then, of course, I painted everything (although, in terms of card modeling, I like to refer to painting as "printing in the field"). Are the wheels and struts still paper at this point?

2. In the "big picture" of card modeling, if one (and I'm not saying me) were to make a card model so well, that it would be impossible to tell it was made of paper, would that model still be considered a paper model? What I mean is, if you can't tell it's made of paper, why bother using it? I think John (Wily) touch on this here awhile back. While it's about the subject, it's *also* about the material. For me, I want to make an accurate model, but I also want to celebrate the imperfections of card modeling: the visible seams, the lack of compound curves, stuff that plastic modelers take for granted. Look at my overall model: seams galore, gaps (hey, not big ones though 😊), stuff that says "card model". That's on purpose.

Anyway, regarding the struts: One of the nice things (or is it a curse?) about posting pictures of my progress is that I see stuff I either get wrong or I miss. Well, I was looking at the real photo against my little "paper" strut, and my eye kept coming back to a (small) feature I didn't include in the finished product. So I added it last night. The one on the left has it now, the right not yet for comparison (along with the same "real" pic):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x729.



Quiz of the day: What did I add? It will show you what silly little details I find important. And the irony here is, if I didn't do it probably no one would have ever noticed.....

Mike


"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-06-2010 at 06:22 AM.



**willygoat**
MemberJoin Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,451

I'm guessing you added the tie-down rings to the axle portion of the strut. So tiny. You're crazy man. 

**dhanners**
MemberJoin Date: Jul 2007
Location : Roseville , MN
Posts: 104

Nah, the tie-down rings were on his original build. I thought the same thing, too, but went back and looked. The only thing I can see (and I'm not that good at this type of thing) is the struts in the "after" photos look darker than in the earlier photos, but that just may be a lighting or photo reproduction issue. So I'm stumped. Awed, but stumped.

And I've had several of the "I can't believe it's paper" comments whenever I've taken some of my models to an IPMS contest. They don't seem to be alleging fraud. Usually, they say those things because they don't believe someone would be ambitious enough (or dumb enough) to build a shuttle stack out of card in 1/96th scale. That said, the plastic judges got past that enough to give the model a gold in its category and a bronze in the contest's theme of "Moments in Time" which, in this instance, was May 11, 2009, the date **Atlantis** launched on STS-125, Hubble Servicing Mission 4.

**cmdr199212**

Member

Join Date: Jul 2008
Posts: 187

It looks like working suspension. Am I correct?

**Wyvern**
MemberJoin Date: Jul 2009
Location : North Florida , USA
Posts: 1,271

Mike, your work continues to take my breath away.

Wyvern



« First < 8 58 98 106 107 **108** 109 > ▾

« [Previous Thread](#) | [Next Thread](#) »

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:23 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin ®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation
 Orlik PBJ-1H Mitchell

User Name User Name Remember Me?
 Password

Register

FAQ

Community

Calendar

Today's Posts

Search



Page 109 of 126 << First < 9 59 99 107 108 **109** 110 111 119 > Last >>

LinkBack Thread Tools Display Modes

04-06-2010, 07:26 AM

#1081 (permalink)



shrike
Member

Join Date: Jul 2007
 Location: Chandler (SE PHX Metro) AZ
 Posts: 1,404

It's the forging mark on the outside edge of the torque scissors

I'm not making it up as I go along, I'm establishing precedent



04-06-2010, 07:34 AM

#1082 (permalink)



cmags
Member

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709

I agree with Shrike - I can see the difference between your left and right struts in your photo. But what I can't see is the same marks on the reference photo. Crazy.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)



04-06-2010, 07:38 AM

#1083 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by **shrike**
It's the forging mark on the outside edge of the torque scissors

Ding...ding...ding! Tell him what he's won Johnny.....

It's an armoir Bob! (oohs and aahs from the audience....)

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-08-2010, 07:44 AM

#1084 (permalink)




Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778


It's the little things....

Ok, been working on the nose gear strut and I'm at a point where I need some more eyes on this, as it will decide how I attached the fork to the strut. Using our friend Elvis as one of my ref's, his dance partner seems pretty straight fork to strut (annotated for for convenience):

 This image has been resized. Click this bar to view the full image. The original image is sized 820x1019 and weights 126KB.




But in looking at other photos, I'm beginning to suspect that it wasn't always the case, whether old:

 This image has been resized. Click this bar to view the full image. The original image is sized 769x522 and weights 68KB.




Or new (from the William Wolf book):


 This image has been resized. Click this bar to view the full image. The original image is sized 713x972 and weights 230KB.



I wonder if that "crook" in the gear strut comes from usage (although intuitively, I would think it would bend the other way)? Or, maybe it's on purpose to help compensate for landing forces? Regardless, if that's the norm, then "8-Ball" would definitely fall into this camp. Here's some shots found on the 'net. Am I seeing things?

 This image has been resized. Click this bar to view the full image. The original image is sized 753x504 and weights 83KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 980x705 and weights 98KB.



I've linked directly to the sources of the above pics, so just look at the url's for credit. On the first pic, put a straight edge to the strut and you'll see that the wheel center doesn't intersect with it. Also, these are all modern day restores, so that needs to be taken into account, but even looking through some on my books of wartime ships, I'm hard pressed to find a "straight" fork.

Why am I "sweating" this? Just want to get it out there now, because, the moment I commit to a "crooked" nose strut, someone (and you know who you are) will chime in with "Hey! You made the nose strut crooked!!!" Well duh.....

As a side bar, I knew a few modelers who built strictly for IPMS contests. If they were faced with a similar situation, they more than likely would have made the strut straight, even if the preponderance of historical evidence proved otherwise. Their rationale would be something along the lines of that the judges would *expect* to see a straight strut, since they probably wouldn't know that much of B-25 detail.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-08-2010 at 07:59 AM.



04-08-2010, 07:58 AM

#1085 (permalink)

Peter A. Zorn

Member

Join Date: Jan 2010
Posts: 1

My best guess is that the fork is bent so that the wheel contacts the ground at a right angle to allow for better steering, similar to the reversed fork on a bicycle.



04-08-2010, 08:28 AM

#1086 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Thanks Peter, perfectly logical explanation to me.

You're not by any chance the Peter Zorn who designed the Spirit of St. Louis kit (among others) that Don Boose has been working on (and off) recently?

Anyway, welcome to the forum! Thanks for choosing my "little" thread for your first post. 😊

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-08-2010, 08:44 AM

#1087 (permalink)



medved

Member

Join Date: May 2009
Location: South of Heaven
Posts: 147

Can't help wondering if the guy with the wheel assembly is thinking he's playing the double bass for Glenn Miller.... "**Burke, Virginia 6-5000" dum-dum de-dum...** 😊

Here is a small update for those collecting my pdf version of this thread.
<http://depositfiles.com/files/418xvidz4>

[Previous installments](#)

Anyone wishing to play with the files (e.g. join em into a single big lump 🗑️) might find this free prog useful - [PDF tools](#)

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)



04-08-2010, 08:56 AM

#1088 (permalink)

**Retired for now**

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,389

Has to be designed that way - "bending in use" would rapidly fatigue the connections to failure. My guess (pending my next trip to Hurlburt to look at their B-25) would be the differences are camera angle related. The gear in the first picture may be rotated, making the assembly appear straight. It's pretty clearly angled in the other shots.

I'd expect it's designed in for stability - you want the point where the tire contacts the ground to be behind (trailing) the extended point where the main strut centerline intersects the ground. This allows the wheel's rolling friction to pull it into line with the aircraft - just like "trail" in the front end of a motorcycle or a chair caster. More trail gives more of a self-centering action (stability), less trail makes it more twitchy (a bad thing at landing speed).

Various aircraft approach this differently - what looks like a straight leg may mount the axle on the back face of the strut, use a trailing link from strut to wheel, or have a honking big steering damper up in the guts of the gear.

Yogi



04-08-2010, 09:07 AM

#1089 (permalink)

**John Bowden**

Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 853

I don't know..... but..... could that be a flex joint?

Maybe moves a few degrees depending on load?

www.dgapapermodels.com[My Drawings](#)

04-08-2010, 09:21 AM

#1090 (permalink)

**rickstef**
AdministratorJoin Date: Jun 2007
Location: Bear, Delaware
Posts: 2,233

Quote:

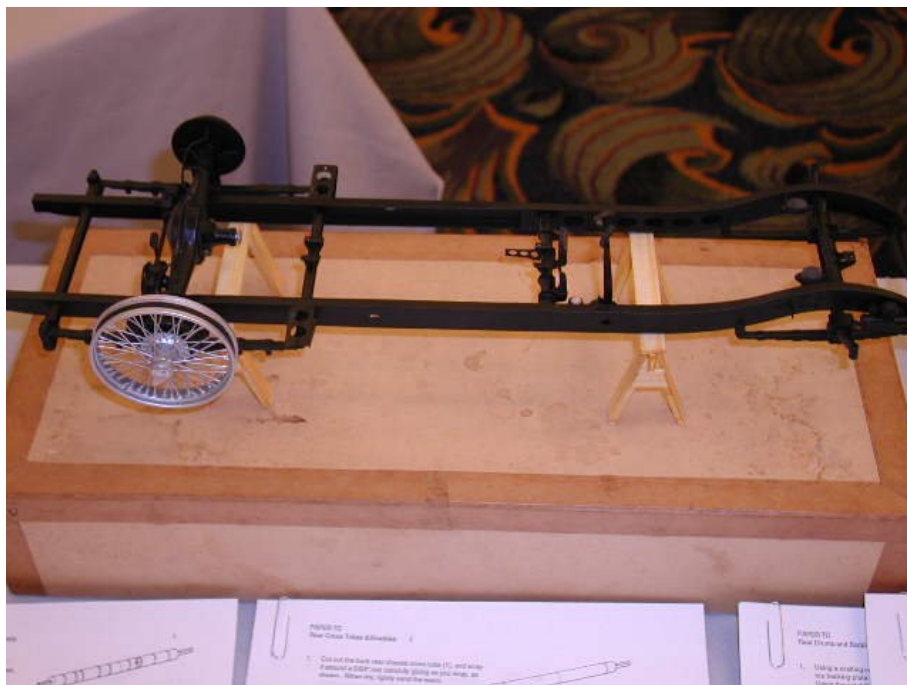
Originally Posted by **Bomarc**
You're not by any chance the Peter Zorn who designed the Spirit of St. Louis kit (among others) that Don Boose has been working on (and off) recently?

Mike

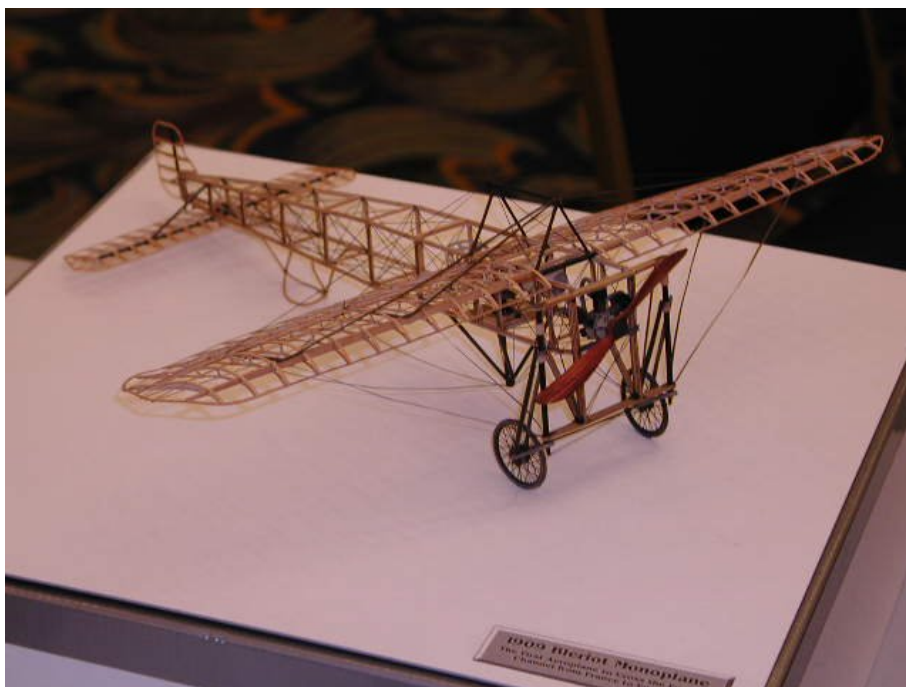
Mike,

Yes he would be.

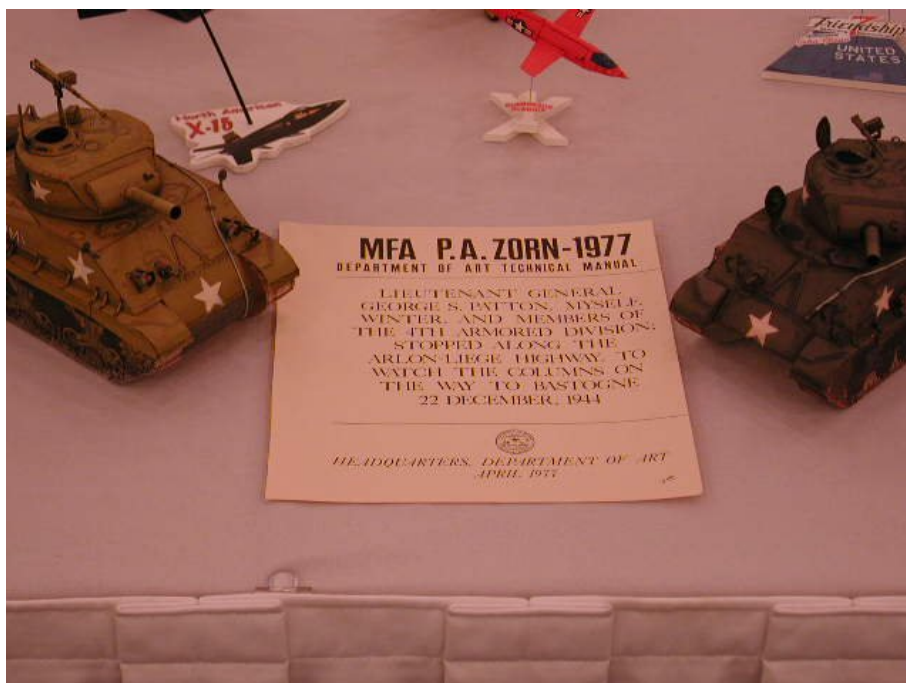
I had the pleasure to meet Peter back in 2003 at the IPMC, Peter is a great story teller, and had some interesting coloring techniques to share using markers(the broadtip kind)



I believe this also a design by Peter



in 2004 a couple Shermans which Peter designed, and gave away as freebies to those lucky enough to sit on a chair with the kit underneath it at the dinner in 2003, made their presence felt





I have been able to collect all his models except for his two great looking cars.

Rick

"Rock is Dead, Long Live Paper and Scissors"

International Paper Model Convention Blog

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo



Posting Rules

- You **may not** post new threads
- You **may not** post replies
- You **may not** post attachments

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply

Page 110 of 126 << First < 10 60 100 108 109 **110** 111 112 120 > Last >>

LinkBack  Thread Tools  Display Modes 

 04-08-2010, 09:32 AM

#1091 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

WOW! Those models are beyond amazing, thanks for sharing them Rick.

A true honor to have him on board here at PM.com, and to have him participate in my thread.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

 Quote

 04-08-2010, 09:43 AM

#1092 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Hi Mike. I have to agree with you, this is a tuff call to say the least. Yogi's explanation seems to be the one that makes perfect sense to me {when is Yogi ever wrong 😊 } i'd definitely go with the BENT gear {does that need re-phrasing }, and just to make sure you get NO " That's wrong - Should be straight " remarks, have a few pictures like the ones you have already uploaded here {and with the LINE of angle you produced} and with a thorough explanation on the subject. Seems a lot to do for this part, BUT... the whole dang thing deserves the EXTRA mile - Hell Mike you know this already even 😊

RESPECT in a NIMITZ sized aircraft carrier comes your way with this entry 😊 {and all my entries in this MEGA THREAD } 🌐

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX

 Quote

 04-08-2010, 10:17 AM

#1093 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Thank you Peter. It's always a joy to know you're in my corner.

I had to look up that "P" word in your sig line, sorry it's put your modeling on hold. Here's to a speedy recovery my friend. There's a mossie over at the downloads with your name on it that needs buildin'.....!!!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

 Quote

 04-08-2010, 10:28 AM

#1094 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Quote:

Originally Posted by **Bomarc** *Thank you Peter. It's always a joy to know you're in my corner.**I had to look up that "P" word in your sig line, sorry it's put your modeling on hold. Here's to a speedy recovery my friend. **There's a mossie over at the downloads with your name on it that needs buildin'.....!!!***

Mike

Thanks Mike. They say it's down to stress and anxiety - Laugh, i nearly rolled on the floor when the Doctor told me to avoid stressful situations... It's IMPOSSIBLE, Should i keep the curtains shut - stay in bed - not put the tv on - just stop living perhaps... well he can go hang {he did give me some stuff for it} just have to wait to see how well it works. The most stress at the moment is that the beautiful DHM is printed and waiting for me, but just can't touch it {without ruining the paper 😞} Oh well CEST LAVIE 🙄

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



04-08-2010, 02:12 PM

#1095 (permalink)



Gil
Member

Join Date: Jun 2007

Location: Northern Bear Flag Republic (Known as Water World in L.A.)

Posts: 801

Hows About...

Mike,

Could be that you're:

- Staring at things to long
- Allowing the Paranoid Perfectionist to control your thought processes
- Looking at photos that show spherical image aberration
- Experiencing a nose gear that shimmied wildly until canted through a field mod
- All of the above

+Gil....,



04-08-2010, 04:04 PM

#1096 (permalink)



Bomarc
Member

Join Date: Jul 2007

Location: Burke, Virginia

Posts: 778

Oh, definitely all of the above. 😊

Mike

"Please to continue....."Current Build [PBJ-1H Mitchell](#), review [here](#)Moderator [here](#)

04-08-2010, 04:57 PM

#1097 (permalink)



cmags
Member

Join Date: Jan 2009

Location: Marietta, GA

Posts: 709



Quote:

Originally Posted by **Gil** *Experiencing a nose gear that shimmied wildly until canted through a field mod*

Well that would certainly explain it. So straight or canted, take your pick Mike.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)

Previous builds: [cMaqs' Card Model Builds](#)



04-08-2010, 06:46 PM

#1098 (permalink)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,404

Yogi's explanation of caster on the nose gear is spot on. The caster reduces shimmy and increases stability on roll out. It's a nearly universal feature of modern tricycle gear, but the B-25 was one of first tricycle gear airplanes adopted by the US, so it nose gear design was still in it's infancy.

Looking at what Mitchell references I have, it looks like the castored gear was introduced in some blocks of the D model but wasn't adopted universally.

Elvis is from a series of pictures taken at the factory fairly early on, so the strut is straight. Modern restored B-25's are mainly either late production, or took advantage of stocks of surplus parts to add the castored gear, as it does make ground handling more pleasant. (as does removing all the armour, ammo, steam-powered radios et c.)

Barbie III has the castor, but I can't find any *definitive* contemporary pictures of a G or H with the castor, but several that do appear to be straight, so build it straight with a clear conscience.

I'm not making it up as I go along, I'm establishing precedent



04-08-2010, 09:06 PM

#1099 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **shrike**

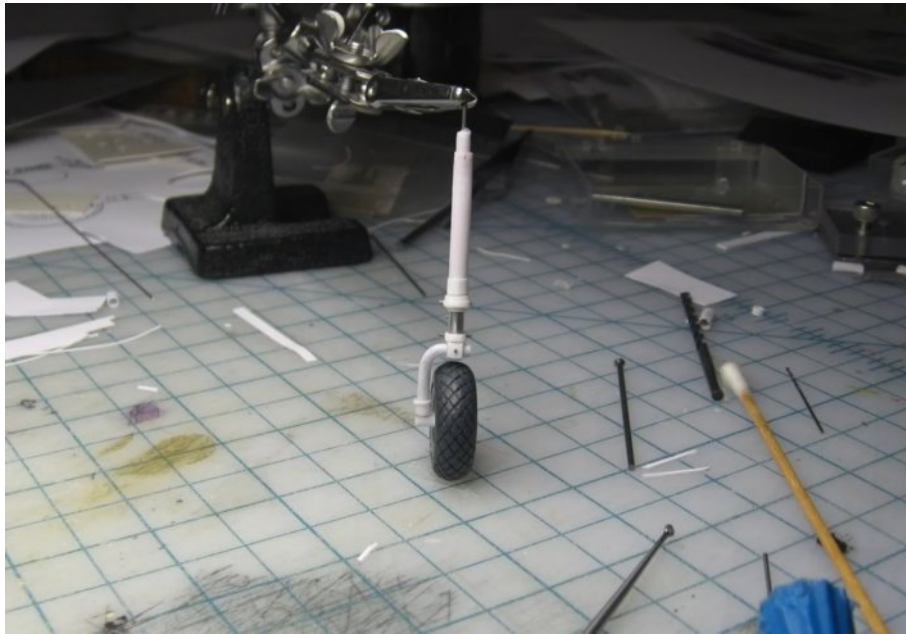
Barbie III has the castor, but I can't find any definitive contemporary pictures of a G or H with the castor, but several that do appear to be straight, so build it straight with a clear conscience.

Too late Mark!

This image has been resized. Click this bar to view the full image. The original image is sized 1024x735 and weights 84KB.



This image has been resized. Click this bar to view the full image. The original image is sized 1024x709 and weights 87KB.



Actually, all that's holding the fork in place is a wire pin that I can pull and rotate the fork to whatever position I want, but I think I will leave in the castor as built. No model of mine is going to shimmy dag-nabit! A gigantic THANK YOU to all who chime in on this. I think we learn a valuable lesson today: That this model has long past gotten out of hand and I need to finished it QUICK! Oh, and that other stuff about shimmy and castor.....☺

While I've uploaded all the photos, it's a bit late, so I'll post on how I got to the above pics tomorrow.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



04-08-2010, 09:44 PM



cmags
Member

#1100 (permalink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 709



Looking good Mike!

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)



Page 110 of 126 << First < 10 60 100 108 109 **110** 111 112 120 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:28 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?

Password

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 111 of 126 [« First](#) [<](#) [11](#) [61](#) [101](#) [109](#) [110](#) **111** [112](#) [113](#) [121](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-09-2010, 05:33 AM

#1101 (permalink)




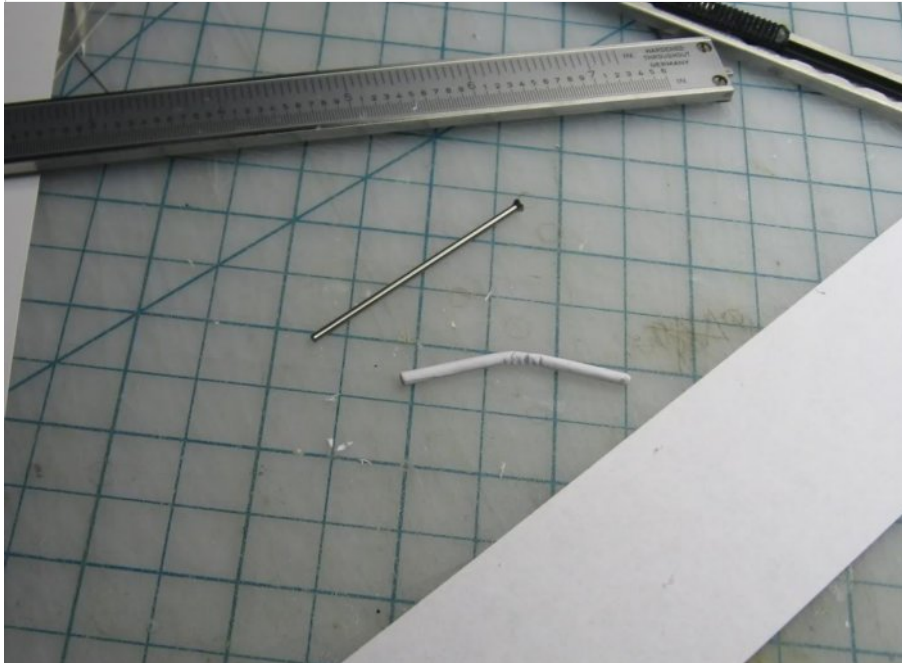
Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Thanks Chris

Even though the nose strut is about half the size of a main strut, it has enough unique features to drag out assembly. The first unique hurdle was the bent fork. Rolled a tube using an appropriate size punch for a mandrel, then cut a series of wedge shaped slots where I needed to bend it 90 degree:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x747 and weights 83KB.



This slot business is actually what Orlik would have you do for the kit part, only that part is solid, rolled around a wire core, and you were to bend the wire inside after making the slots. This part is hollow on the real deal, and you can see the open end on one side, so I used a tube instead. After bending, coated with super-glue, sanded, coated, sanded, etc. until it was a smooth pipe:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696 and weights 76KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x672 and weights 85KB.




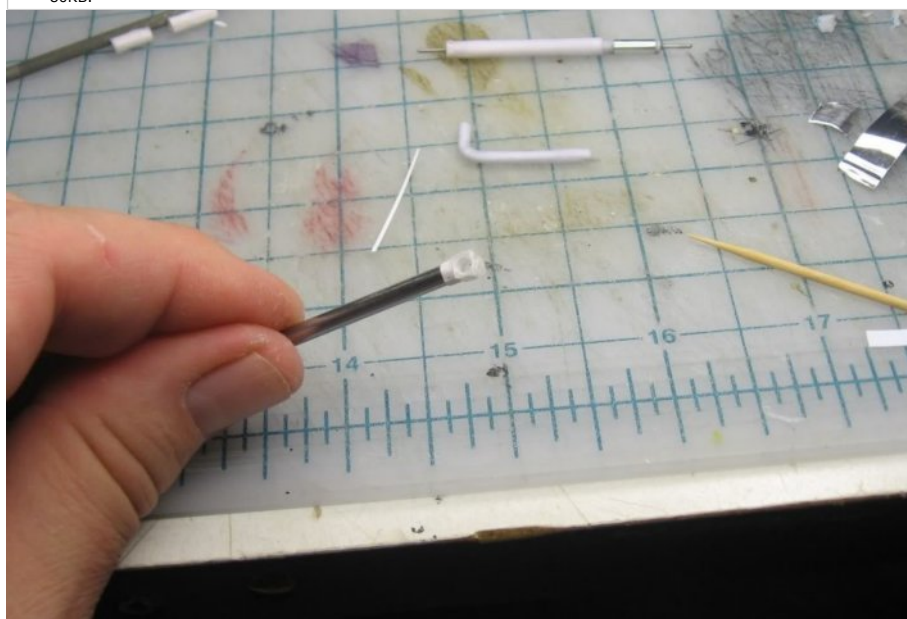
You can see I've already made some of the core parts, done exactly as the mains, only smaller scale. Next was to make the square knuckle that the fork mounts through. Rolled a tube that fits over the fork (snugly) and glued it in between a "U" shaped box:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x677 and weights 83KB.




Filled the voids around and in between with more super-glue taking care not to get any inside the tube and sanded to shape:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x691 and weights 80KB.

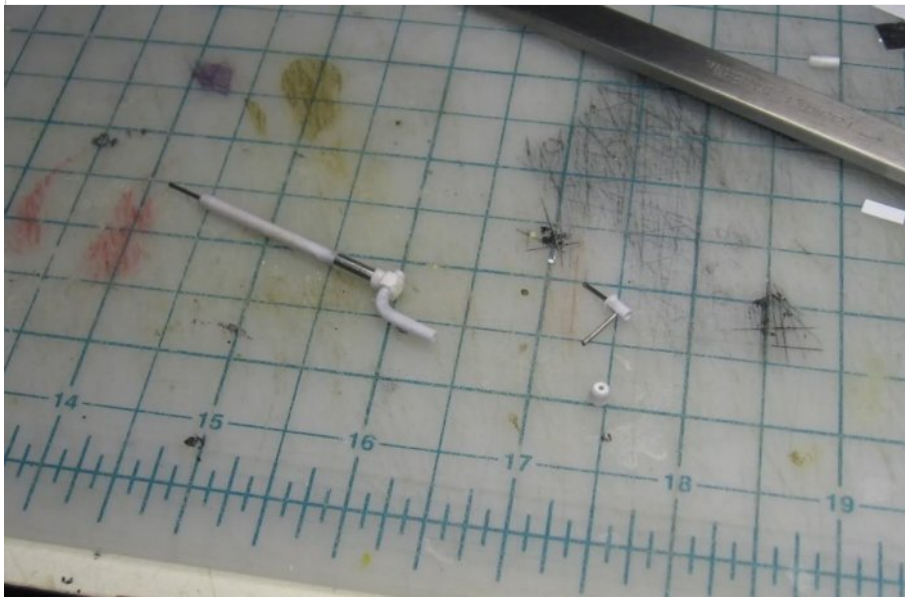


This was the point where I was going to make the fork straight and drilled a hole through the assembly so that the wire in the core piece lock everything together:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x700 and weights 85KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x667 and weights 82KB.




To the right can be seen work started on the wheel axle, which utilized a cut off section of the fork part, plus added bits.

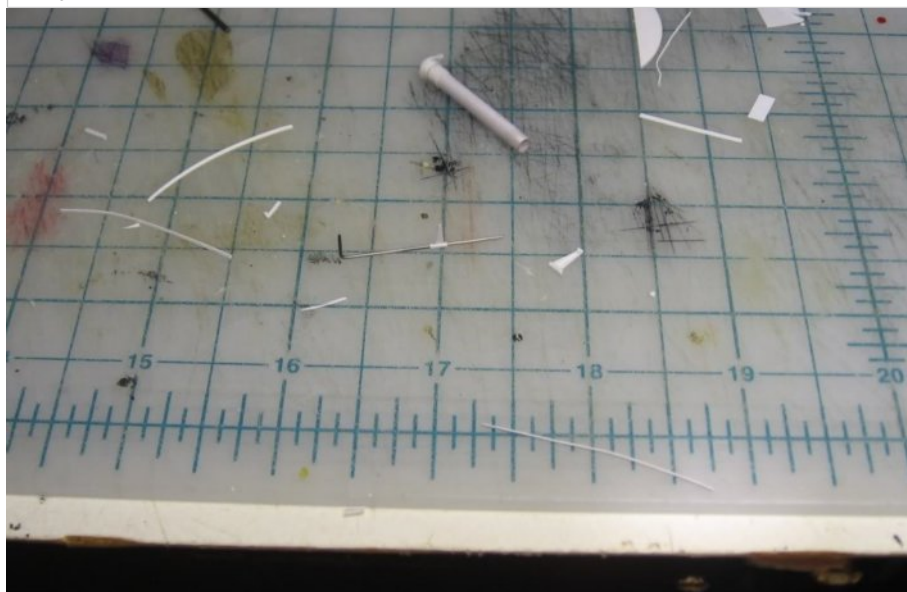
Then I started seeing things, lots of talk about "shimmy" and "castor", what to do? In a burst of non-committal modeling, decided I would pin the fork in the same manner as the full size prototype and thereby eliminate the need to actually glue the fork in place. Clipped off the wire from the strut core, and drilled a hole through the block and fork, angle set for "castor":


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x755 and weights 99KB.



After that I made the torque scissors from rolled tubes and card:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x661 and weights 79KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x759 and weights 99KB.




And that's where I left it:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x703 and weights 89KB.



The hinge "ears" on the strut are two layers of card super-glued in place, then sanded to shape and only then were holes drilled. The wire hinges will be ground down to a more reasonable length later. Some extra views:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x731 and weights 94KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x743 and weights 95KB.



Note the open end of the fork tube on the "8-Ball" side.

Last bit is the big honking shimmy damper and its associated linkages and that will be about it.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



 04-09-2010, 06:41 AM



cmags
Member

#1102 ([permalink](#))

Join Date: Jan 2009
Location: Marietta, GA
Posts: 709



Incredible. Those are centimeter marks on your cutting board huh? The level of detail at the scale is impeccable. Even as compared to my 1:72 Mustang, your details are finer and cleaner. My hat's off to you sir, the bar has been raised yet again (seems to be in high solar orbit by now).

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)



04-09-2010, 07:43 AM

#1103 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by [cmags](#)
Those are centimeter marks on your cutting board huh?

Nah, big old 1/2 inch squares. The wheel is not quite an inch in diameter, the piano wire hinges/pins are 0.025". All smaller than the main struts/wheels, but not unmanageable.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-09-2010, 07:50 AM

#1104 (permalink)



cmags
Member

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709

Ok, so a 1/2" is about 1 1/4 cm. Not much different. I'm just blown away by the scissor parts that are less than a 1/4" long, made up of two tubes and an I beam structure each. 13 parts including pins for a 1/4" square scissor assembly. 🤖

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)



04-09-2010, 11:12 AM

#1105 (permalink)



willygoat
Member

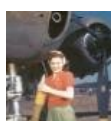
Join Date: Jul 2007
 Location: Papillion, Nebraska
 Posts: 1,486

I'm with Cmags. I'm usually in a stupified state after checking this thread. Mike, I don't know how you roll those super tiny tubes, but I think it involves magic and some form of finger mutation that is outlawed.



04-09-2010, 04:01 PM

#1106 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by [willygoat](#)
Mike, I don't know how you roll those super tiny tubes, but I think it involves magic and some form of finger mutation that is outlawed.

Oh jeeze WG! I already showed how I roll little tubes! Admittedly, I use to use small drill bits as mandrels as related waaaaay back when in, what, post number 60 (or thereabouts), but since then, having accumulated a number of various piano wire thicknesses, I've been using wire instead. But the basic technique is the same.

If there's interest, I'll gladly go over it again.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-09-2010, 08:05 PM

#1107 (permalink)

**willygoat**
MemberJoin Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,486

i've seen how you do it, I just don't know HOW you do it. I've tried rolling light paper around wire before, but it never gets that super tight roll that you always seems to get. You got he magic touch man 🤖



04-10-2010, 01:42 AM

#1108 (permalink)

**pahorace**
MemberJoin Date: Apr 2008
Location: Italy (Sicily)
Posts: 386

Hello Mike,
patience is the treasure of a modeler.
And this thread is the proof (Bravo!).
That tubing very tight, I think, the problem of many modelers.
I, for example, use small paper weight. I found paper of 45 gsm.

ps: I am very, very interested in your thread. Thank you.

Orazio



04-10-2010, 01:47 PM

#1109 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

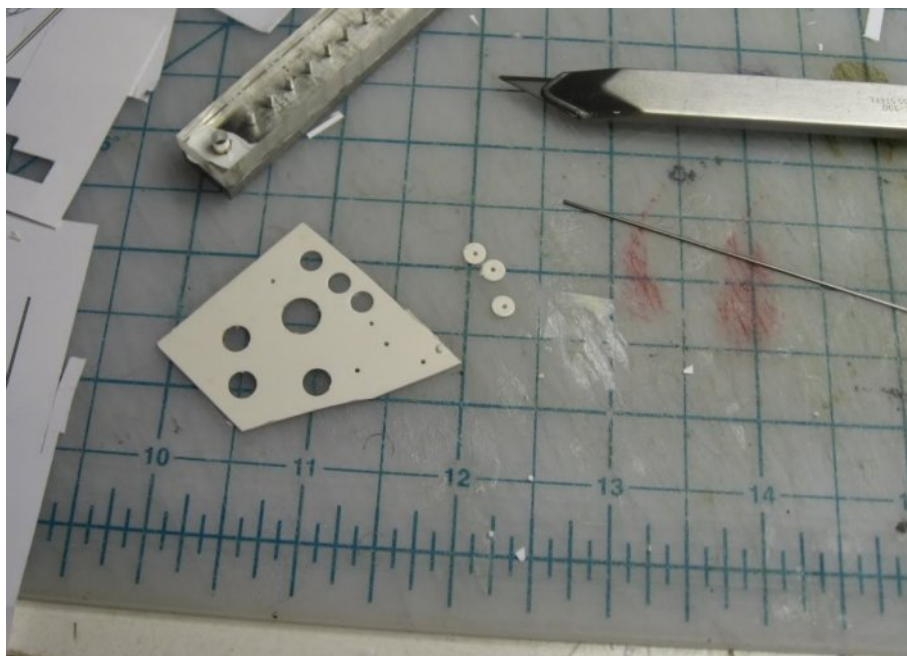
Originally Posted by **pahorace**
ps: I am very, very interested in your thread. Thank you.


If I'm reading your post correctly Orazio, you'd like to see me roll some more tiny tubes, yes? I still have a few more tubes to make, and will capture that with the photographic device just for you my friend.

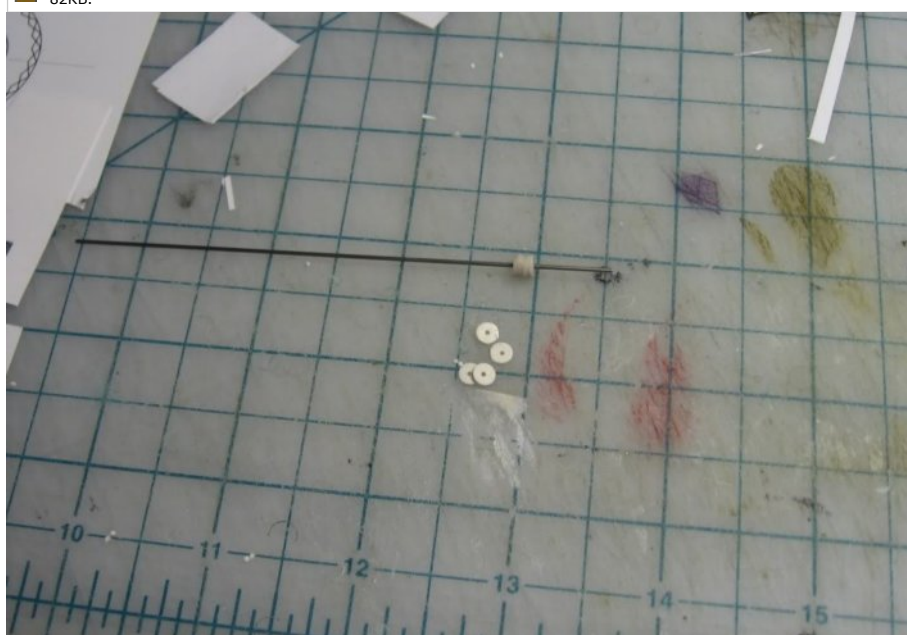
In the meantime, put together the anti shimmy device (damper) that's at the front of the strut. In yet another variation of the "dremel trick", I punched out a bunch of small discs, this time stacking them on a wire with CA glue:




This image has been resized. Click this bar to view the full image. The original image is sized 1024x736 and weights 91KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x707 and weights 82KB.




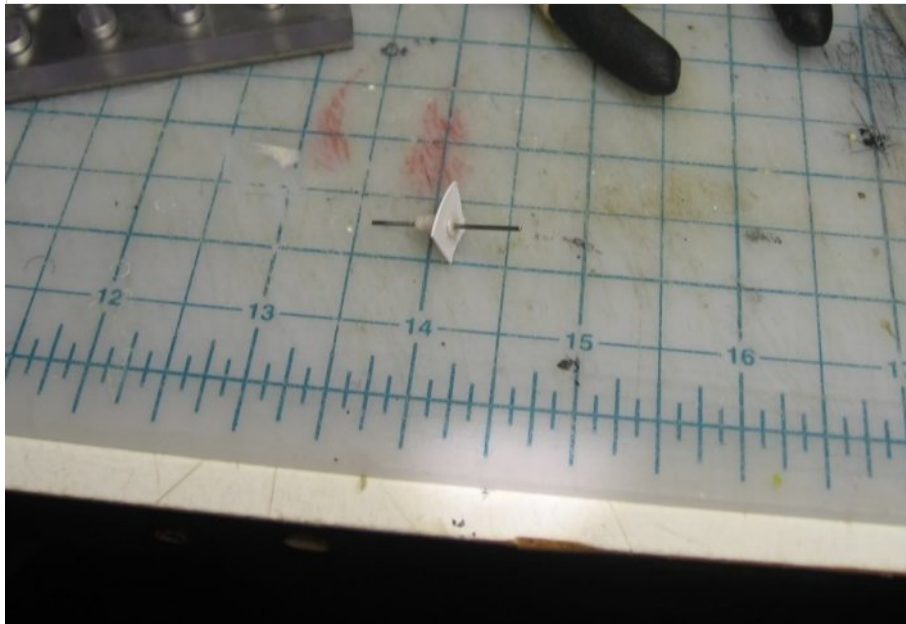
The damper has a shaft protruding from either end, so using the wire was a natural. Since it's so small, I turned this down at my workbench, vice going into the garage like I had to do for those (dust factory) wheels:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758 and weights 131KB.




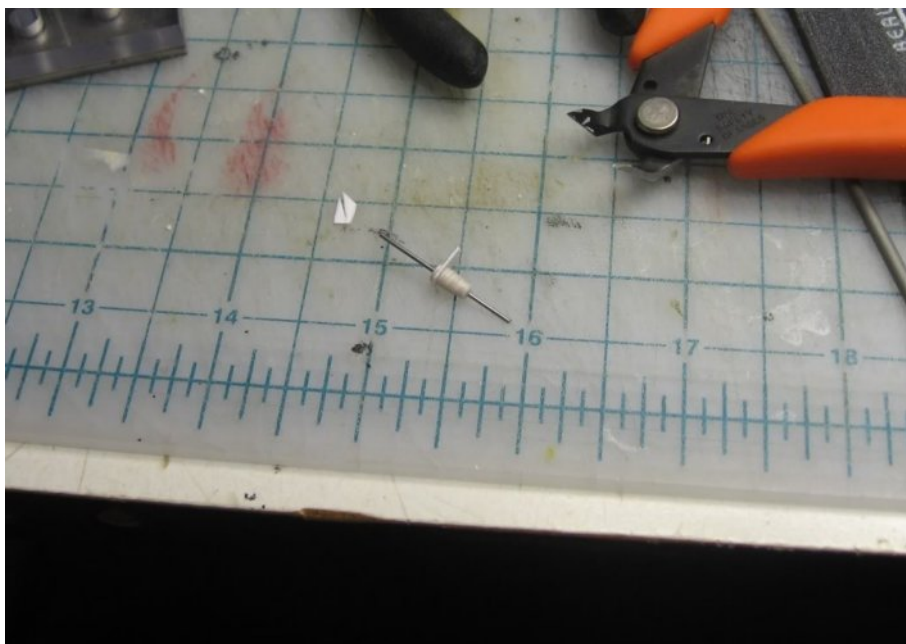
Kept the wires long to have something to hold on to for the next part. To make the mounting brackets, punched a hole and glued an over-sized part in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x702 and weights 65KB.




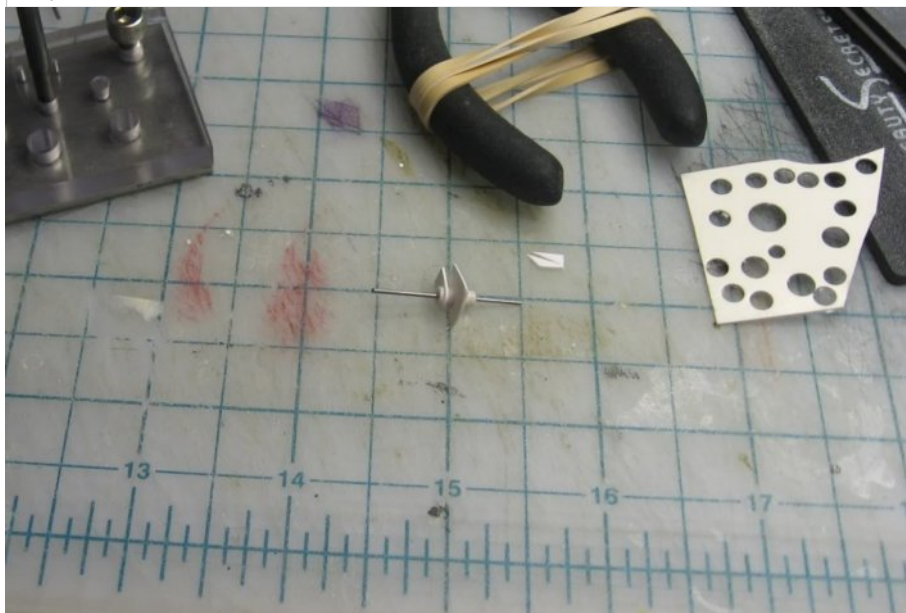
Trimmed and sanded to near final shape:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719 and weights 81KB.




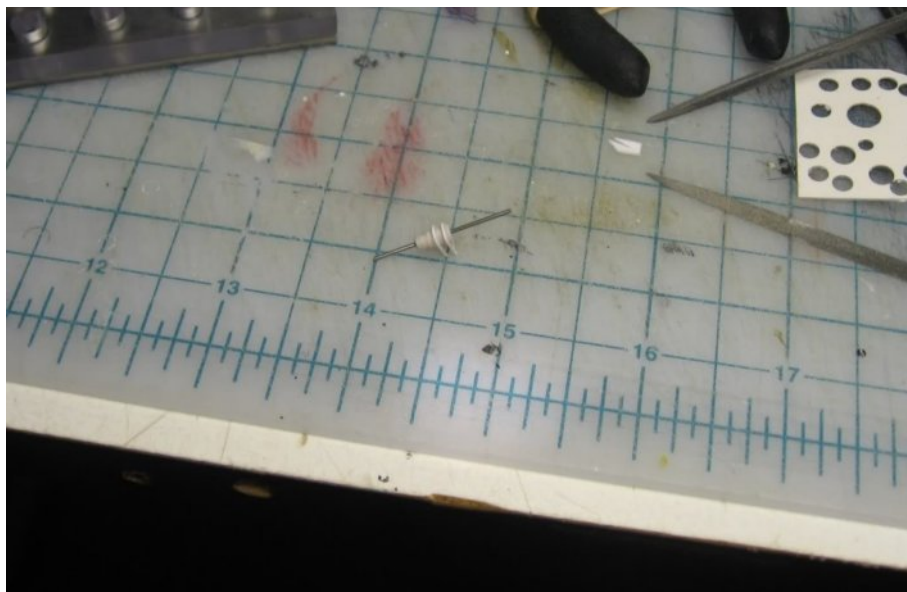
Once that was done, glued another piece and did it all over again:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x688 and weights 97KB.




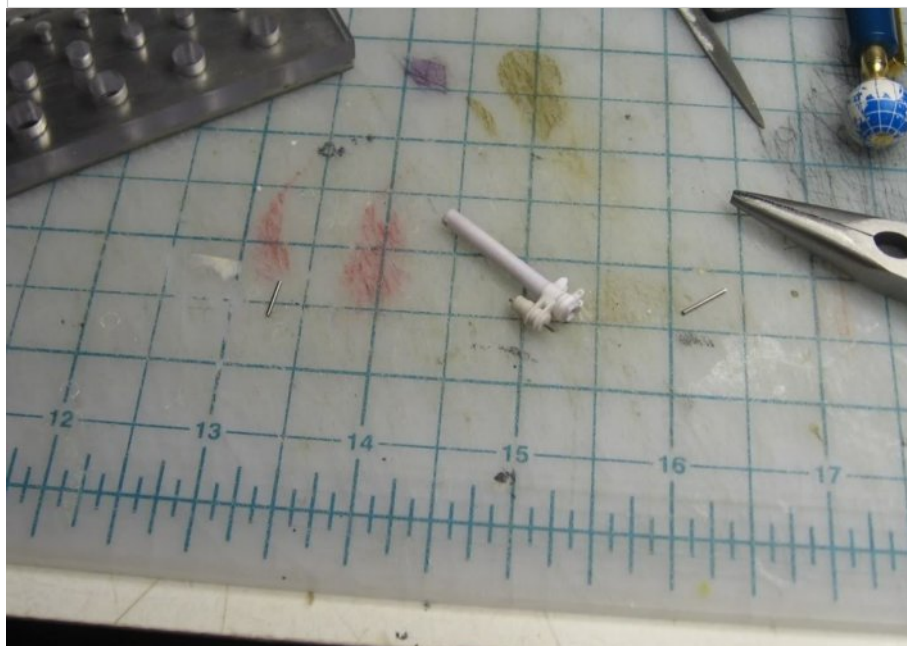
Then sanded both together to the final shape so they matched and voila:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x663 and weights 73KB.




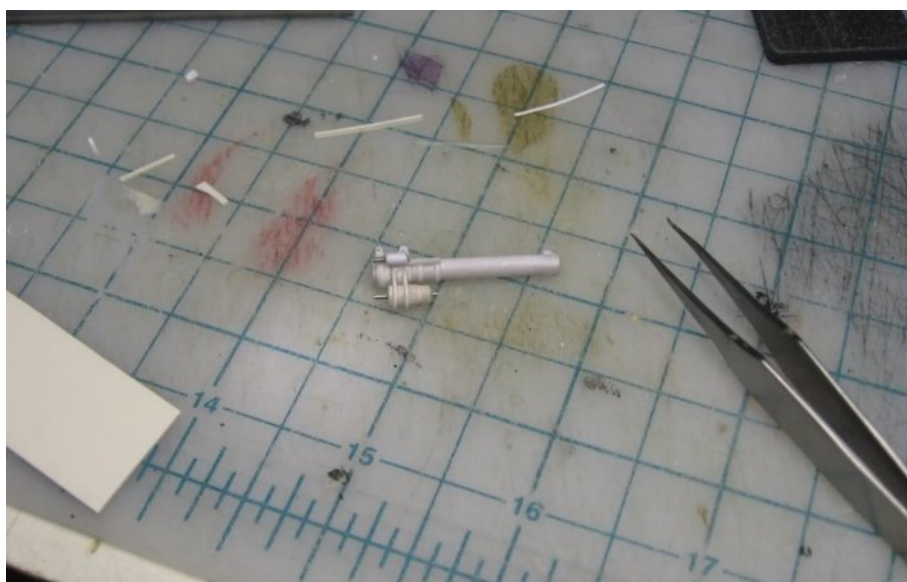
Wires trimmed and mounted on the strut:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x722 and weights 90KB.




Next was the little cylinder on the side that links to the damper:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x650 and weights 80KB.




Then the linkages:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x642 and weights 71KB.



They're not ninety degrees to one another yet, so some adjusting of holes will need to be done. The whole assembly thus far:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x703 and weights 91KB.



Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-10-2010, 03:59 PM

#1110 (permlink)

WVA
Member

Join Date: Oct 2008
Location: Ypsilanti Michigan
Posts: 36

Bomarc, this spectacular display of building talent just seem to beg for questions from us "wantabees". Here is mine: The cardstock you are using seems to be bright white all the way through. I can't tell what the thickness is, but it looks thicker than regular 110 lb cardstock from the office supply store. Please tell us what you are using.



Page 111 of 126 << First < 11 61 101 109 110 **111** 112 113 121 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:29 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

PaperModelers.com > Card Models > Model Builds > Aviation
 Orlik PBJ-1H Mitchell

User Name Remember Me?
 Password

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 112 of 126 [« First](#) [<](#) [12](#) [62](#) [102](#) [110](#) [111](#) **112** [113](#) [114](#) [122](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-10-2010, 04:36 PM

#1111 (permalink)



Ron0909
Member

Join Date: Aug 2008
 Location: Ottawa, Ontario, Canada
 Posts: 423

Mike,

You astound me every time I come around to see what you're up to 😊 One day...maybe....when I grow up...*maybe* I'll be able to teach you something!

On a serious note, thank you for taking out the time to teach us as you go. I know that the effort it takes is far beyond just straight modeling

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
 Last Build...Marek's Albatros CXII in 1:33

[Quote](#)

04-11-2010, 02:03 AM

#1112 (permalink)



pahorace
Member

Join Date: Apr 2008
 Location: Italy (Sicily)
 Posts: 386

Quote:

Originally Posted by **Bomarc**
If I'm reading your post correctly Orazio, you'd like to see me roll some more tiny tubes, yes? I still have a few more tubes to make, and will capture that with the photographic device just for you my friend.

I said my interest in your thread, in general, which is already very attractive.
 - I certainly like to see as you do the small pipes -
 But I would not charge you for further explanation. You are already very comprehensive.
 So do not worry that much and go in your construction schedule.
 Thank you for your attention.

Orazio

[Quote](#)

04-11-2010, 08:07 AM

#1113 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by **Ron0909**
*One day...maybe....when I grow up...*maybe* I'll be able to teach you something!*

Thanks Ron, appreciate it. If it makes you feel any better, I've already learned stuff from your builds, most recently the Berg.

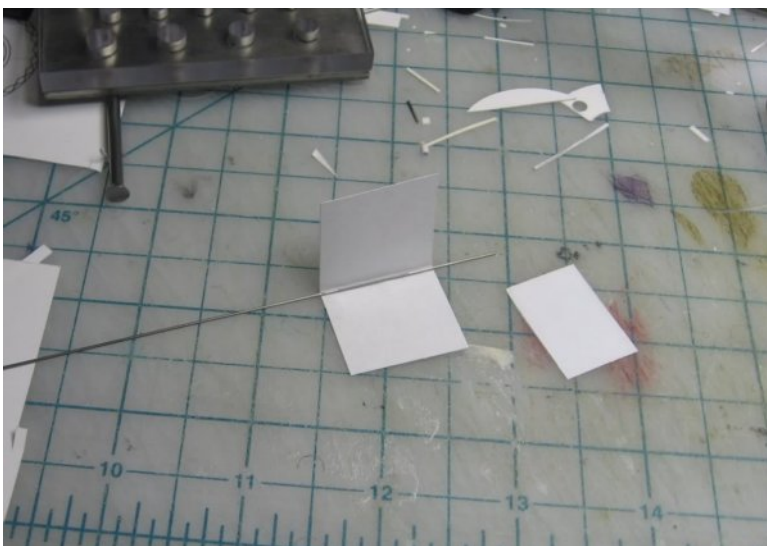
Quote:

Originally Posted by **pahorace**
I said my interest in your thread, in general, which is already very attractive.


And thanks to you Orazio. I think I got all straight now. Well, since I went ahead and took some pics, so I'll throw them up anyway. I did change up a little how I roll tubes from the first time I posted about it, and this thread is already miles longer than it should be, so what's a few extra posts between friends?

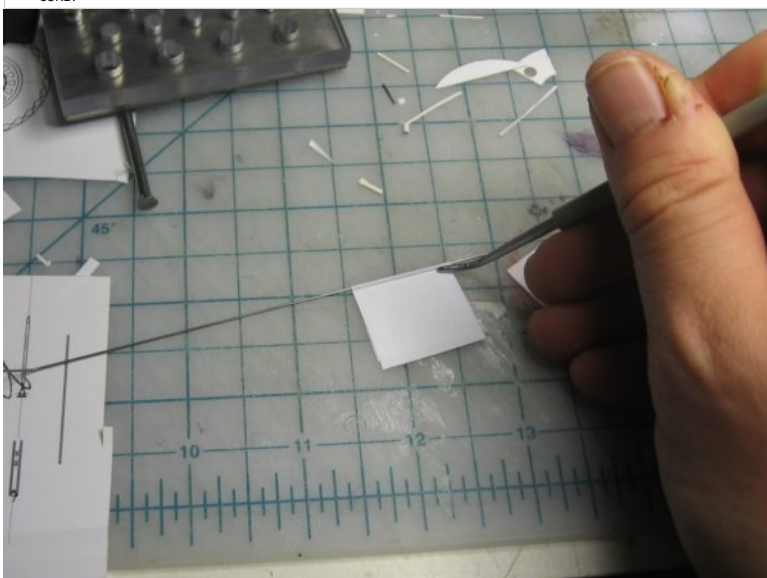
As I mentioned before, I've jettisoned using the drill bit as mandrel route, since I have a good source of music wire in diameters ranging from 0.015" to 0.065". That's pretty much all you need. I like to use cheap old printer paper, folded in half with Elmer's spread in the valley of the fold:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x725 and weights 86KB.



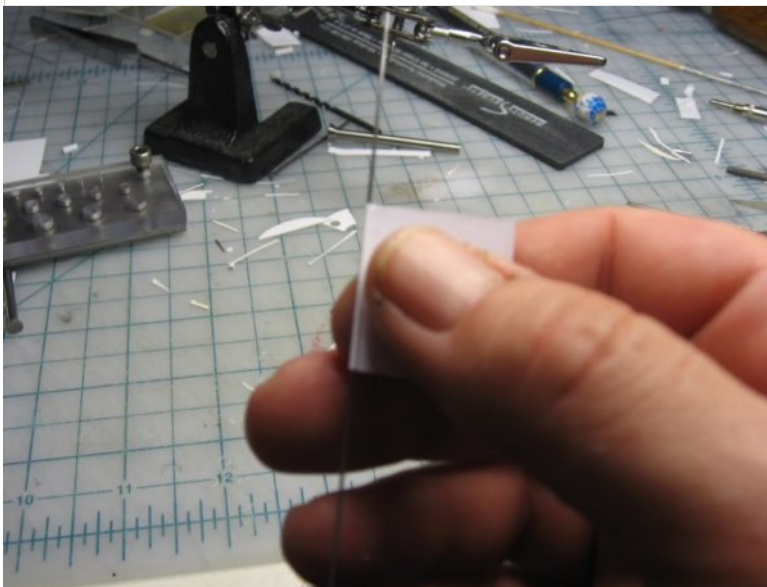
That's a 0.025" wire. Fold it over and burnish it down tight around the wire:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767 and weights 85KB.




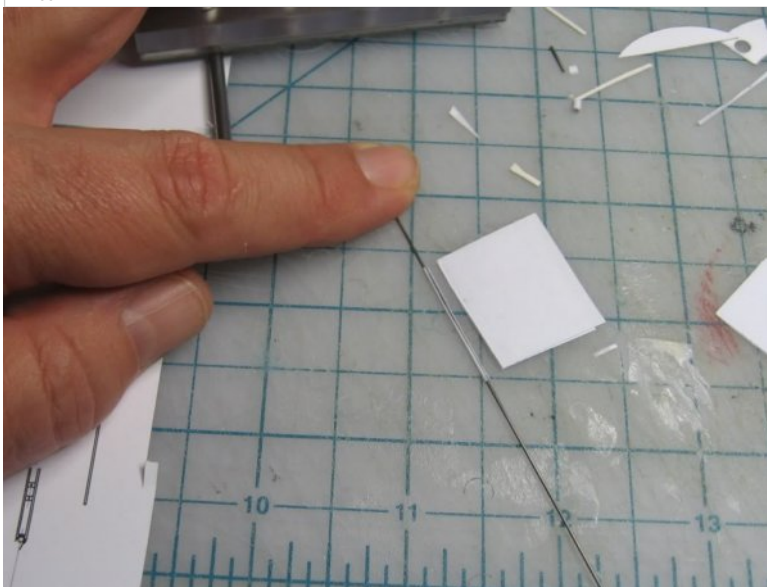
Now that I'm using wire, the new wrinkle in all this is to take the "flag" you just made and slide it up and down the wire a couple of times. That will make it easier to remove from the wire later:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x777 and weights 80KB.




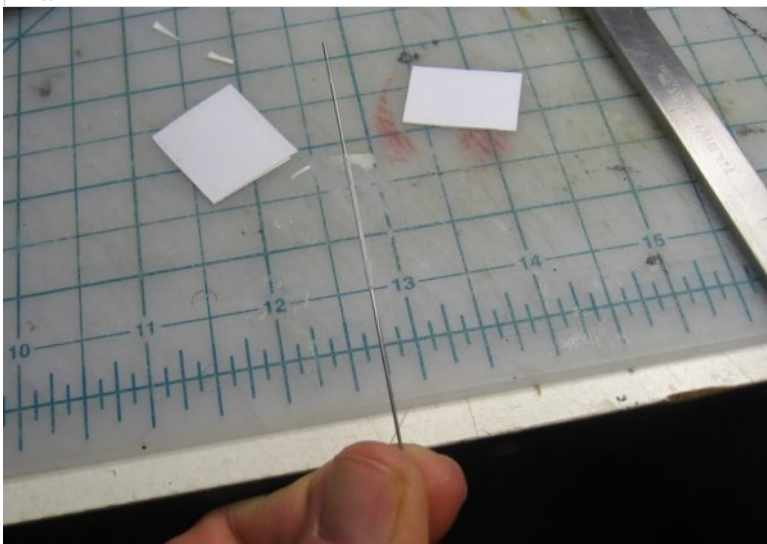
Ack! Attach of the giant killer thumb!!!! Sorry for the bad focus, but you get the drift. Then quickly slice off the flag at the wire. Use a sharp knife for this, because a dull one will drag the paper and you're starting over. This is what you get after cutting:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x778 and weights 93KB.




If the glue's still tacky, roll this on your desk to close the gap. If not, add a little more Elmer's to the gap then roll to close:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x721 and weights 86KB.



Let it dry and slide it off the wire:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x711 and weights 112KB.



Another out of focus pic. Well you get to see in detail the crap on my desk, always a bonus. 🙄

I'm hitting about 66% with this technique now, meaning I get two good tubes for every three I try to make, so don't get discouraged if the first attempt fails.


The tube I made went into the retraction arm of the nose strut:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x696 and weights 87KB.




Also made the arms for the main struts. Should get everything painted by tonight and that will be it for the landing gear for now. I won't do the brake lines until it's time to cut down and fit the struts to the nacelles.

Quote:

Originally Posted by **WVA** 


The cardstock you are using seems to be bright white all the way through. I can't tell what the thickness is, but it looks thicker than regular 110 lb cardstock from the office supply store. Please tell us what you are using.

Well, you're going to be disappointed, I work on the cheap. This is the card I use:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x707 and weights 81KB.



And the printer paper:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721 and weights 85KB.



If I want thicker than the 65lb stuff, I just double it up. I also have some sheets of all white card that's 0.05mm thick, that I've used on occasion. I seem to recall getting those with the models I ordered from Lou Dause when he still owned PMI a few years ago (I think he would throw those in as a courtesy). I myself would like to know a source for *that* stuff as I'm running dangerously low.

Mike

"Please to continue....."


Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Last edited by Bomarc; 04-11-2010 at 08:32 AM. Reason: I put the sweat of my life into this thing, and if it's a failure, I'll leave the country....HH



04-11-2010, 08:31 AM

#1114 (permalink)

 **OldTroll**
Member

Join Date: Jun 2007
 Location: Newport News, VA
 Posts: 2,046

Mike - for your .5mm white board just Google "comic backing boards" - I recommend the magazine size (8.5 x 11) and I recommend the acid-free boards. They usually come in packs of 100.

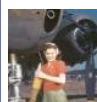
Ron S.

<< If you can't build - repaint! >>



04-11-2010, 08:35 AM

#1115 (permalink)

 **Bomarc**
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Thanks Ron, good intell.

Good to see you here (or anywhere on PM for that matter)! You slip in those hit and run posts like The Shadow these days. Hope you're doing well.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-11-2010, 10:21 AM

#1116 (permalink)



OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 2,046

Hanging in there, Mike - I just have a very full non-paper plate at the moment - but I always check up on your pretty average building...wink, wink, nudge, nudge. I long ago ran out of words that adequately describe your dedication, skill and ingenuity. It's gotten to the point that all I have left to comment on is your slightly messy work area and the fact that it is taking you longer to build this than it did to assemble the real thing! Keep up the good work - I think that one could learn everything that there is to learn about paper modeling from this one thread.

Ron S.

<< If you can't build - repaint! >>



04-11-2010, 11:59 AM

#1117 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

Checking in after a month or so absence due to ongoing academic and writing commitments with no end in sight.

I was rewarded by 1. an excellent tube rolling technique, 2. great progress up through the undercarriage, 3. recent postings by Ron and Orazio, and a confirmed sighting of the World's Oldest Troll. Made my day.

Now, only 7,427 other postings to see, but not today.

Hope to see you next month in Carlisle, Mike.

Going down now, Sir. Don't forget the diver.

Don

Good to see this wonderful build continues.



04-11-2010, 06:07 PM

#1118 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **Don Boose**
Checking in after a month or so absence due to ongoing academic and writing commitments with no end in sight.

About time you showed your face around here Colonel!


Glad you were able to make a brief inspection tour. You missed a bunch on this thread. Not only did we go over tube rolling (again!), there was a good discussion on "Shimmy and Castor" (no, no, not the comedy team from the '60's), I was able to bang a few more parts together for the PBJ, AND we had a surprise visit from one Mr. Peter Zorn, whose models I believe you're intimately familiar with. And that was just last week!

Fast forward to today. Painted up the nose strut. Some views:



This image has been resized. Click this bar to view the full image. The original image is sized 1023x763 and weights 131KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x745 and weights 121KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x757 and weights 129KB.



Do you think Elvis will notice the difference?



Yeah, probably.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-11-2010 at 06:36 PM. Reason: Don't step on my blue suede shoes.....



04-11-2010, 06:19 PM



Willja67
Member

#1119 (permalink)

Join Date: Jul 2007
Posts: 687

Really incredible! I have been watching but have limited my comments simply because I would only be echoing what was already said. Great job.

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)



04-11-2010, 06:47 PM



3Turner
Member

#1120 (perma

Join Date: Jun 2009
Location: In a pile of cardstock cli
Posts: 349

Quote:

Originally Posted by **Bomarc**
Do you think Elvis will notice the difference?



Yeah, probably.....

Mike

Haha! Elvis looks real strong in your shot!! He's holding the gear in the air!! 🤖🤖🤖

Robert

Currently building: [Beta build of Will Aldridge's XP-72](#)



[Post Reply](#)

Page 112 of 126 [« First](#) [<](#) [12](#) [62](#) [102](#) [110](#) [111](#) **112** [113](#) [114](#) [122](#) [>](#) [Last](#) »

[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

- You **may not** post new threads
- You **may not** post replies
- You **may not** post attachments
- You **may not** edit your posts

- [BB code](#) is **On**
- [Smilies](#) are **On**
- [\[IMG\]](#) code is **On**
- [HTML](#) code is **Off**
- [Trackbacks](#) are **On**
- [Pingbacks](#) are **On**
- [Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:30 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

[Home](#)
[Forum](#)
[Articles](#)
[Gallery](#)
[Downloads](#)
[Links](#)
[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

 User Name Remember Me?

 Password
[Register](#)
[FAQ](#)
[Community](#)
[Calendar](#)
[Today's Posts](#)
[Search](#)
[Post Reply](#)

 Page 113 of 126 [« First](#) [<](#) [13](#) [63](#) [103](#) [111](#) [112](#) **113** [114](#) [115](#) [123](#) [>](#) [Last »](#)
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-11-2010, 06:57 PM

[#1121 \(permalink\)](#)

shrike
Member

 Join Date: Jul 2007
 Location: Chandler (SE PHX Metro) AZ
 Posts: 1,404


I've seen the rest of those pictures. Do you think that Elvis is really paying that much attention?

[Link](#) since embedding doesn't work



I'm not making it up as I go along, I'm establishing precedent

[Quote](#)

04-12-2010, 05:53 AM

[#1122 \(permalink\)](#)

Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Heh, heh. Yeah, doesn't seem to have his mind on his work, does he? No wonder there were shimmy problems!

Probably sweating the letter from the draft board. He looks "I-A"....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Last edited by Bomarc; 04-12-2010 at 06:07 AM.

[Quote](#)

04-12-2010, 08:50 AM

[#1123 \(permalink\)](#)

Don Boose
Member

 Join Date: Jul 2007
 Location: Carlisle, Pennsylvania
 Posts: 4,700

As Helen Forrest or the Four King Sisters might have said,

He's 1-A in the army and he's A-1 in my heart
 He's gone to help the country that helped him to get a start
 I love him so because I know he wants to do his part
 For he's 1-A in the army and he's A-1 in my heart

And just in case you're quizzical, I'm gonna tell you now,
 He passed the toughest physical, he passed it, folks, and how!
 For I know why he rates so high on Uncle Sammy's chart
 'Cause he's 1-A in the army and he's A-1 in my heart

[Quote](#)

04-13-2010, 09:01 PM

[#1124 \(permalink\)](#)


 Join Date: Jul 2007
 Location: Burke, Virginia



Bomarc
Member


Posts: 778

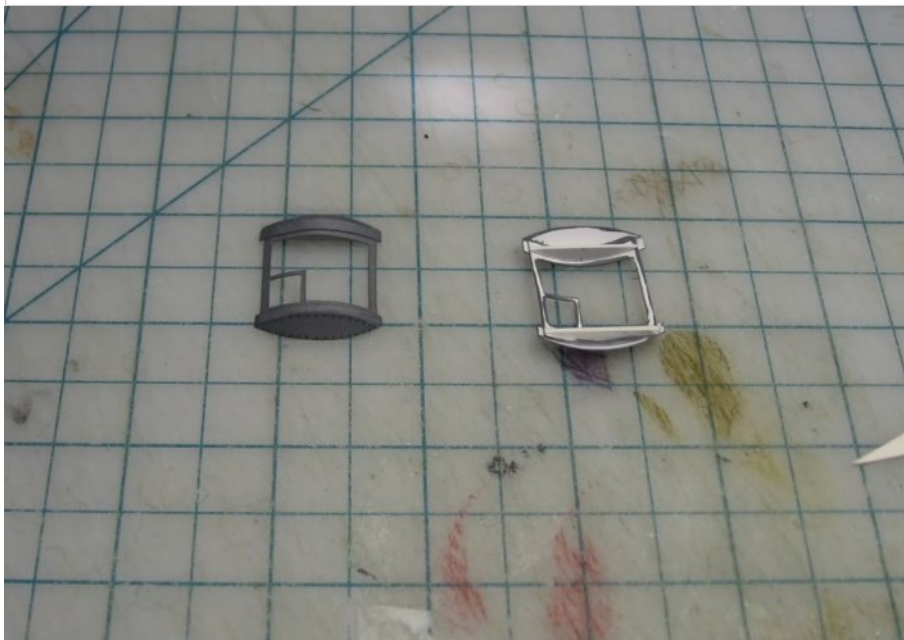
Did a quick parts inventory. It's down to this:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x735 and weights 118KB.




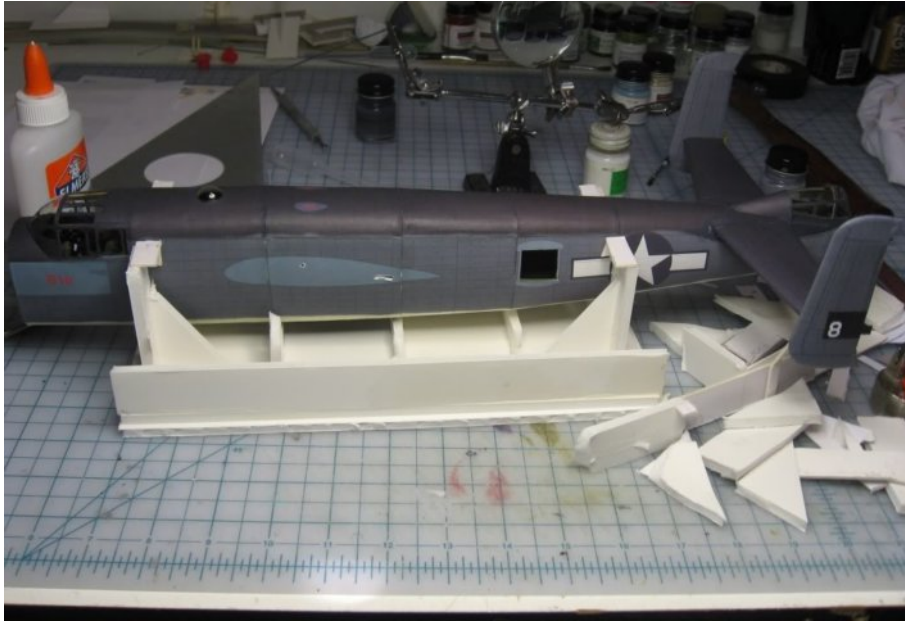
Some doors and hatches, rocket rails, and the next push, the "lumps" on the sides of the fuselage (gun blisters). The blisters started off with some good old basic card modeling. Nothing fancy:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719 and weights 84KB.




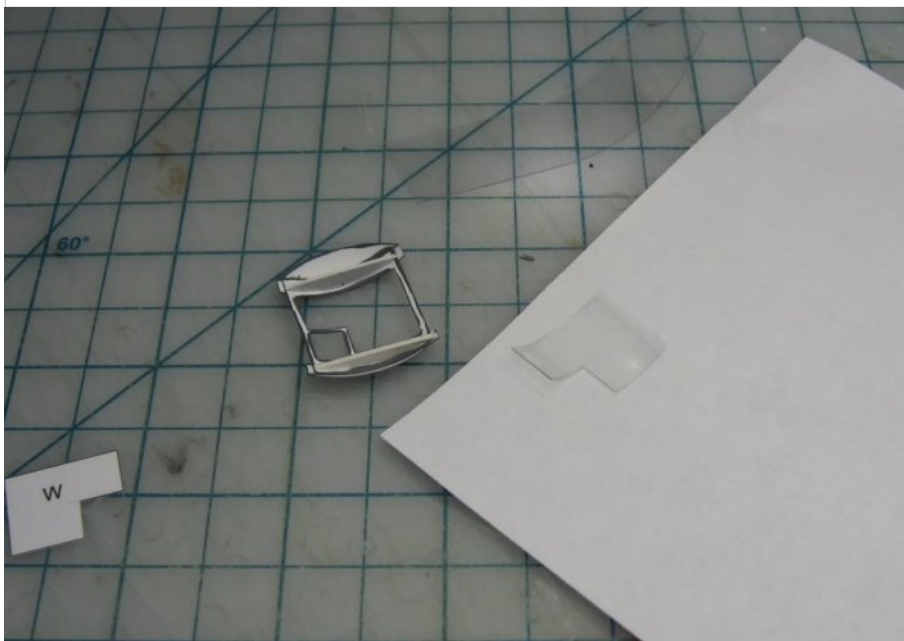
While that was drying, needed to do some demo on the "drydock":

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696 and weights 94KB.




I mentioned before this jig would be useful past the fuselage surgery of last year, now I needed to modify it so that I can install the side guns and wings. For the clear parts I'm using 0.010 PETG. No elaborate vacu-forming here, just some gentle bending to get it to the right curvature:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x718 and weights 61KB.



Printed out some extra ribs for patterns to make a top and bottom shelf in the interior green color. These wedge the "glass" up against the body of the blister, eliminating the need to actually glue the plastic in:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x662 and weights 33KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x662 and weights 27KB.

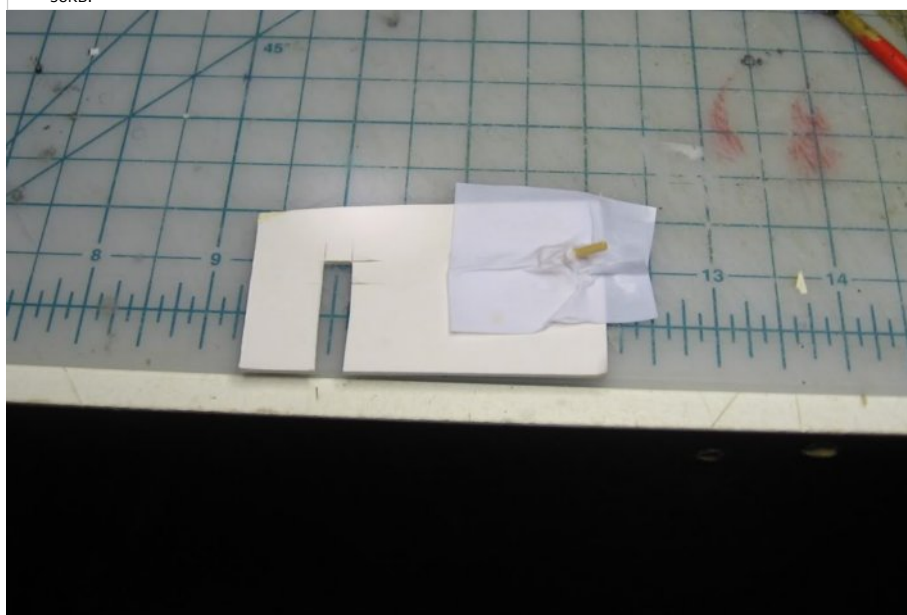


Just trim the excess, good to go. Next was making the boots for the guns, done the same way as the tail gun boot was made several pages ago:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x744 and weights 74KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683 and weights 58KB.




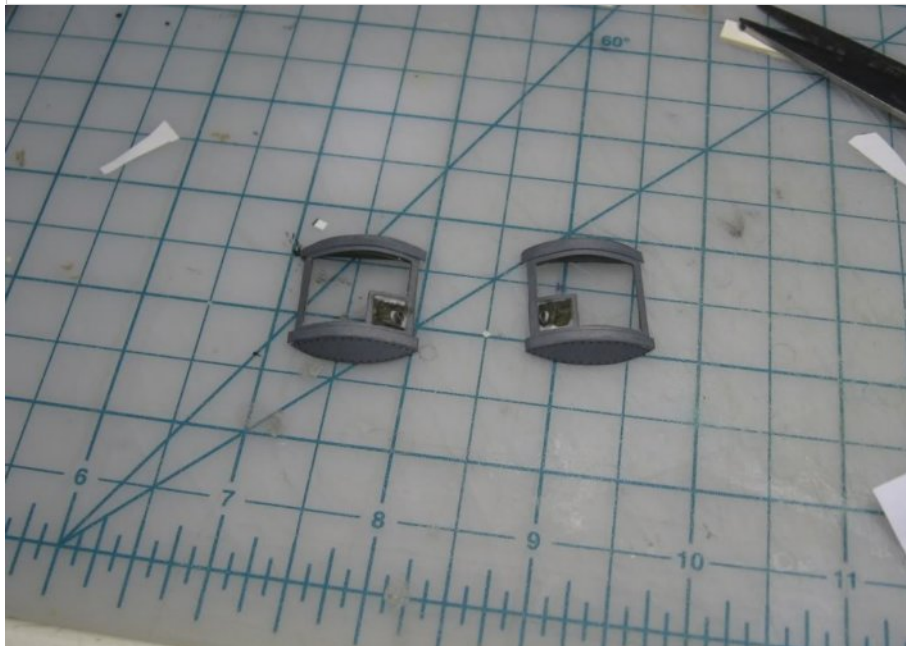
The "boots" painted and ready to be cut and fitted in:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x680 and weights 83KB.




Even though PBJ's were operating without side guns installed, there was still a gun mount, so I added some roll tubes to simulate this. The boots installed, with some Elmer's around the edges to set them in for good:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x725 and weights 88KB.




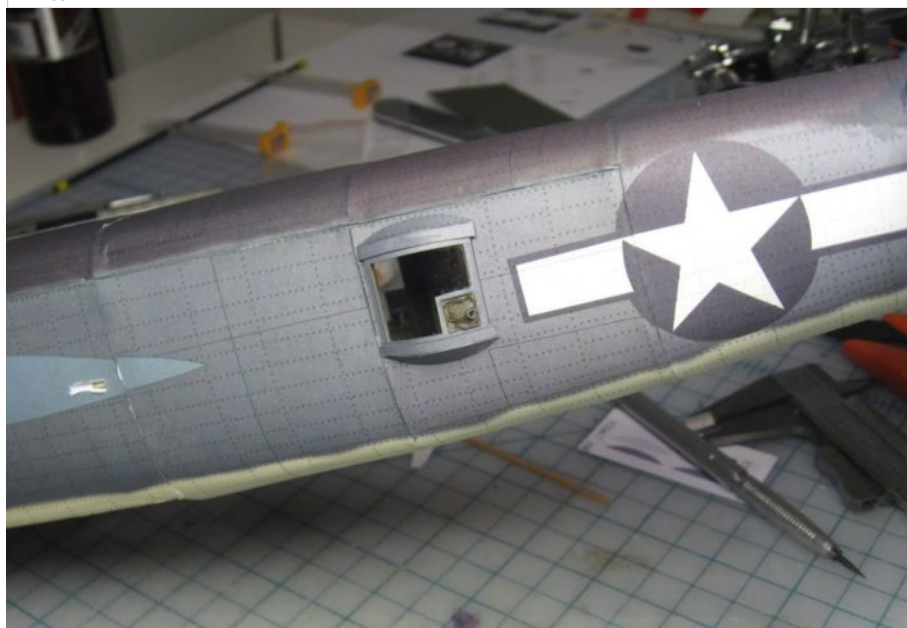
Interior side:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x696 and weights 87KB.

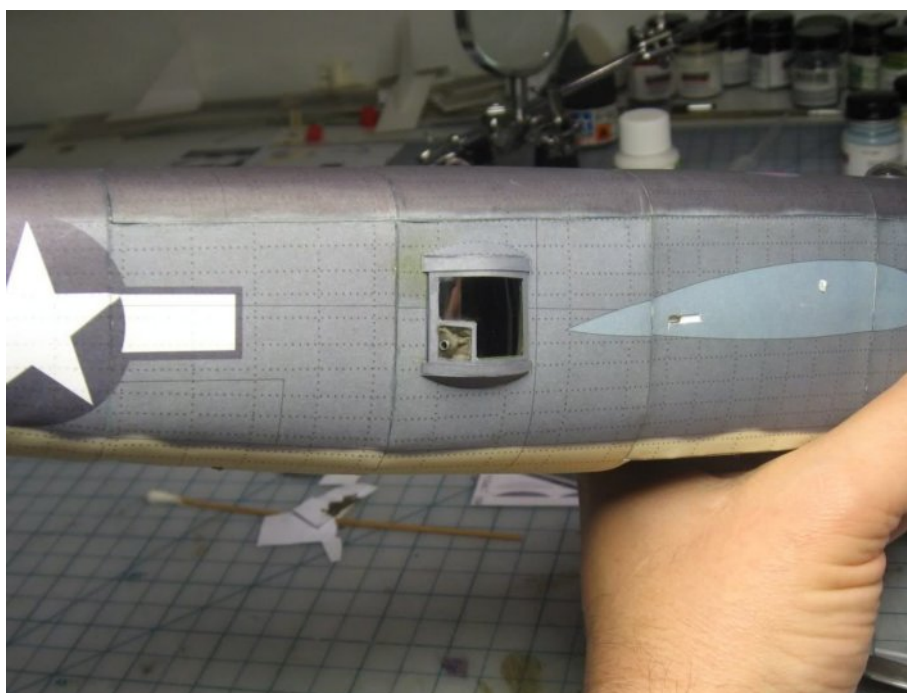



Some touch-up paint, and on the fuselage they go:

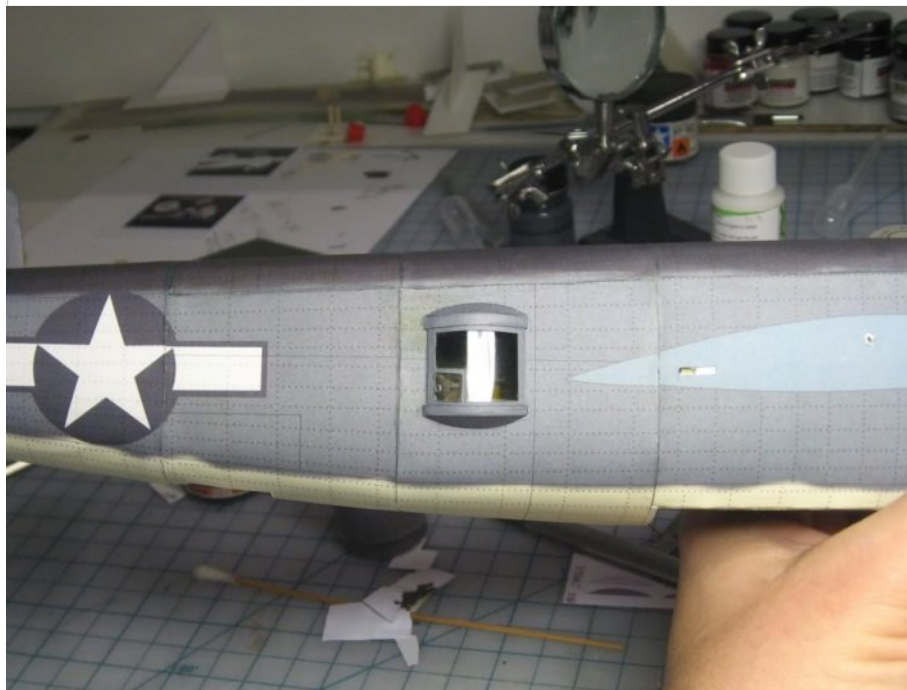
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x703 and weights 85KB.




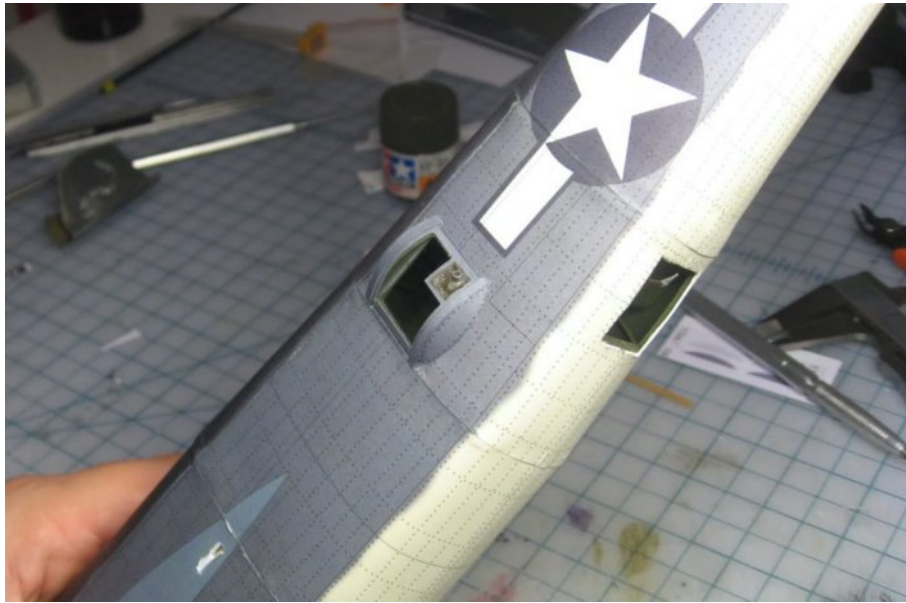
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x775 and weights 92KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x774 and weights 93KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x673 and weights 84KB.



There's a pretty nice gap along most of the sides. I'll cut strips of the appropriate color and fill that in later. A few more doodads on the fuselage, then I can attach the gun nose (remember that?), fix up the control surfaces and attach those, then maybe, attach the wings.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-14-2010, 05:18 AM

#1125 (permlink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Hi Mike. It's all coming along very nicely, glad to see the front gear all done and dusted {love the Elvis mix} Is it me or are there signs of FATIGUE in the paper starting to show with all the handling she's had ? Probably my monitor is getting old 😊
Once again, superb workmanship Mike 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



04-14-2010, 06:01 AM

#1126 (permlink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **peter taft**
Is it me or are there signs of FATIGUE in the paper starting to show with all the handling she's had ?

Nope, it's just you. 😊

No, you're right, and illustrates yet another drawback of taking eons to finish a model. Wear and tear was the main the reason I relegated the fuselage back to the fixture after the cockpit canopy was done. After the wings go on and before the final mat spray coat, I'm gong to put the model through a rehab program; re-touching edges, fixing seams, etc.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-14-2010 at 06:19 AM.



04-14-2010, 06:47 AM

#1127 (permalink)

**cmags**
MemberJoin Date: Jan 2009
Location: Marietta, GA
Posts: 709

I think it might also be that your skill set has doubled since you started the model. It almost looks like your later detailing outclasses your early efforts. But I'm sure your final touchup regimen will snap it all back into line.

Is that a green fingerprint/stain I see on the starboard side above/aft of the gun blister? Not sure it will work for your acrylic paints if that is a paint stain, but when I do the same with my watercolor pencils, I find that lightly rubbing with a soft eraser will take most of it off, leaving the ink alone.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)



04-14-2010, 06:53 AM

#1128 (permalink)

**pahorace**
MemberJoin Date: Apr 2008
Location: Italy (Sicily)
Posts: 386

Hi Mike,
great job ... I saw arms and wheels... but comes up very well!
Excellent idea to put the clear plastic inserts, instead of paste.

Orazio



04-14-2010, 07:18 AM

#1129 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **cmags**
I think it might also be that your skill set has doubled since you started the model.

Yeah, that's always the way. You get more and more into the zone as you go. In looking back over the engines I did at the beginning (NINE months ago!) of this thread, I'm really glad now that I covered them up with cowlings. 😊

Quote:

Originally Posted by **cmags**
Is that a green fingerprint/stain I see on the starboard side above/aft of the gun blister?

Good eye! Yep, that's interior green paint. Some dopey modeler, after buttoning up the fuselage top, thought he could do a touch-up on something inside by putting his brush *through* the opening for the gun blister. What a maroon!! What an [ultra-maroon](#) !!!

I've recently mixed up a fairly good match for that intermediate blue in MM acrylic, so I'm going to try and subdue that stain a bit during rehab.

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-14-2010 at 07:39 AM.



04-14-2010, 01:08 PM

#1130 (permalink)

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Giving this You Tube thing a spin:



I think the title's mislabeled, looks like a "G" model (two .50's in the nose, top turret is at the rear). Love the recoil.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:31 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply
Page 114 of 126 << First < 14 64 104 112 113 **114** 115 116 124 > Last >>
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-14-2010, 01:54 PM

#1131 (permalink)


cmags
Member

 Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709


Wow, that recoil must have been something in flight, huh? Instant 50mph drop in airspeed...

 Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)
 Quote

04-14-2010, 06:17 PM

#1132 (permalink)


peter taft
Member

 Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,487

Quote:

 Originally Posted by **cmags**
Wow, that recoil must have been something in flight, huh? Instant 50mph drop in airspeed...

Yep, i was impressed with the recoil, and the same thoughts of what that must have been like whilst in the air.... Imagine a Misfire in the mix I guess that must have happened at sometime with one of these.

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX

 Quote

04-14-2010, 07:36 PM

#1133 (permalink)

cmdr199212
Member

 Join Date: Jul 2008
 Posts: 206

wowser. That is an impressive cannon!

 Quote

04-14-2010, 10:43 PM

#1134 (permalink)


Jim Nunn
Member

 Join Date: Jun 2007
 Location: Glendora, California USA
 Posts: 316

Mike,

The craftsmanship of the landing gear is superb.

However I do have a big issue with your posts could you start goofing up some of the parts? I'm starting to feel like I need to go back and take Paper Modeling 101 again.

Jim Nunn

There is a very fine line between paper modeling and mental illness.

 Quote

04-14-2010, 10:44 PM

#1135 (permalink)


Jim Nunn
Member

 Join Date: Jun 2007
 Location: Glendora, California USA
 Posts: 316

I know as a community we do not tend to bestow titles for craftsmanship like our friends in the Plastic community, But I would like to nominate Mike for the title of "Master Modeler" would some one like to second this nomination?

Jim Nunn

There is a very fine line between paper modeling and mental illness.



04-14-2010, 11:49 PM

#1136 (permalink)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,404

I second the concept, but not the title.
I propose:
Show-off First Class (So1C) perhaps.
Instiller of Inferiority Complexes (IoIC),
Too Damn Skilled For His Own Good (TDSFHOG)

I'm not making it up as I go along, I'm establishing precedent



04-15-2010, 05:34 AM

#1137 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **Jim Nunn**
However I do have a big issue with your posts could you start goofing up some of the parts?

Hi Jim

There was a discussion about this with Mr. Taft here awhile ago, but it got lost in the Great Server Crash of '10. The point I made then was that there's tons of goofs, trial and error failures, and things that never make the "final cut", but to include even half that business would easily double the length of this already over burdened thread. But see the post eight before this one (just before my post of the cannon video), there's you'll find a taste of the kind of idiocy that I'm capable of. 😊

Quote:

Originally Posted by **shrike**
*I propose:
Show-off First Class (So1C) perhaps.*

Actually, that would be So1/**SS** thank you very much.

And thanks for the chuckle this morning Mark, much needed.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-15-2010, 06:23 AM

#1138 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Moving right along, last few nights were spent on the two "lumps" on the sides, now it's the four bumps. I hate these, and always look for ways around making them. I saw this technique on the Russian "Card Army" forum, and thought I'd give it a go. Re-printed a scrap of the fuselage part for a pattern:

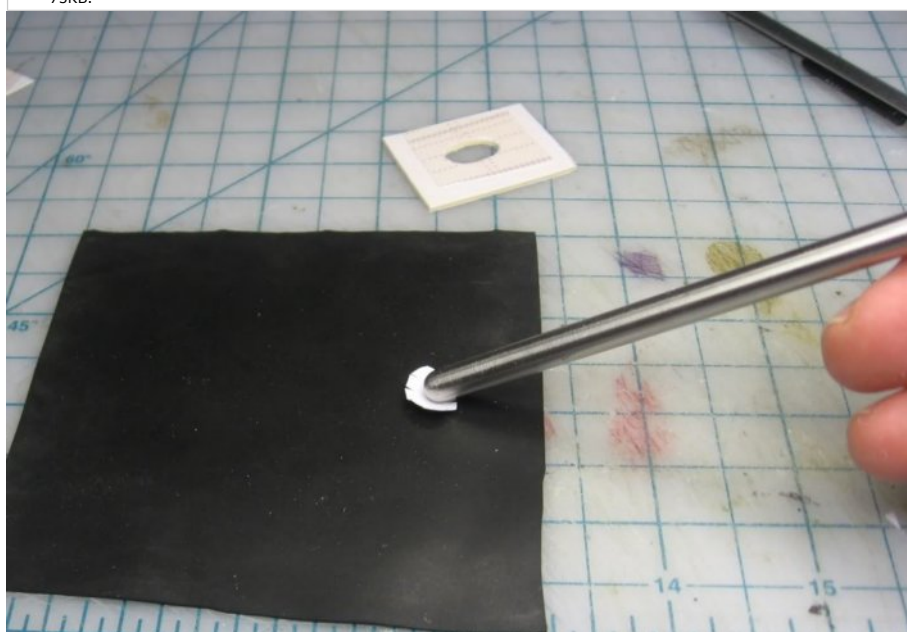


This image has been resized. Click this bar to view the full image. The original image is sized 1024x690 and weights 79KB.




Cut that out and the part itself, and did a little pre-shaping:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x704 and weights 75KB.




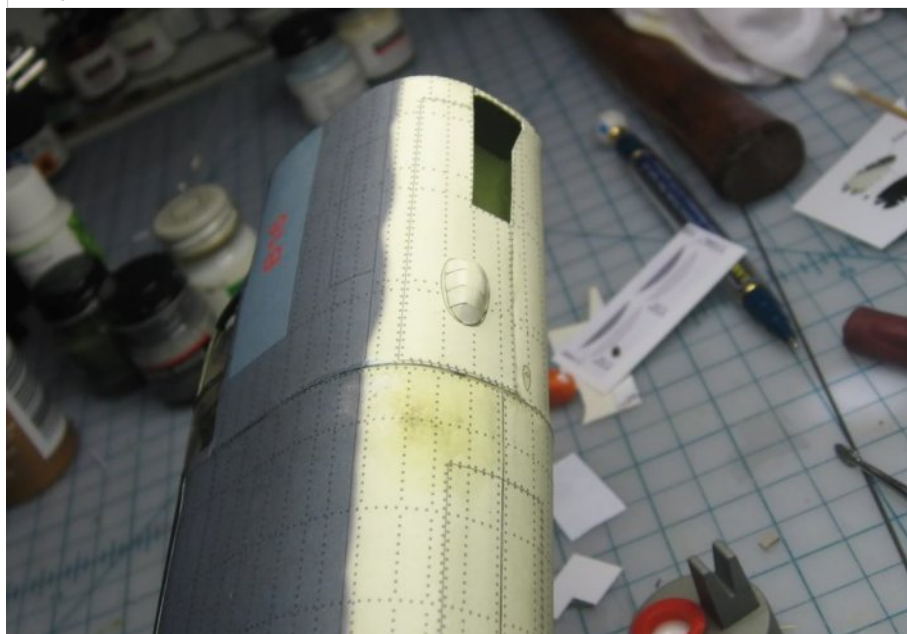
Crammed that into the cutout (which I had to line with card because I cut the hole too big), then lined the inside with Aleene's tacky glue:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x780 and weights 81KB.

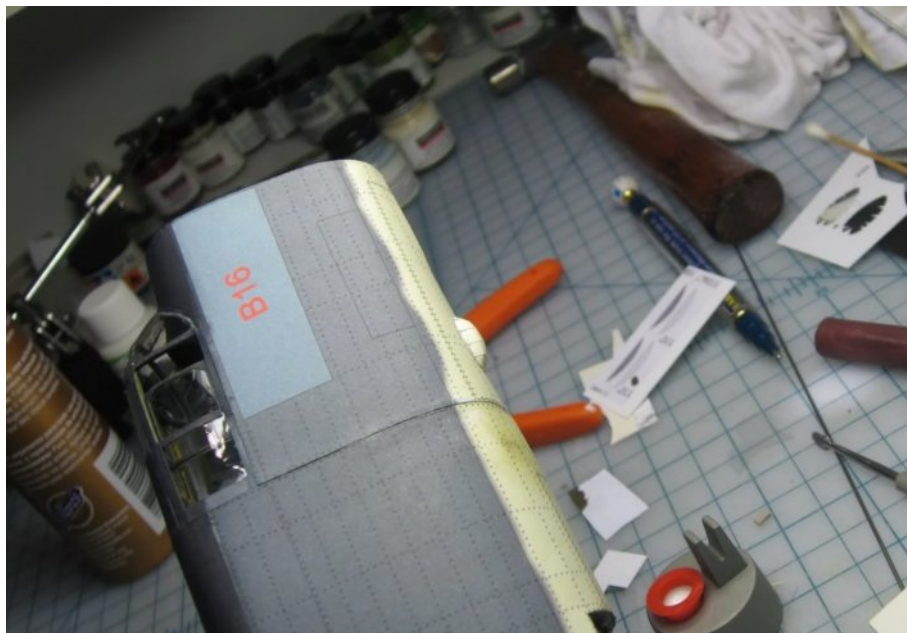


Out it comes, and on it goes:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x710 and weights 73KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x710 and weights 86KB.



OMG! What's that's blotch there? Let's zoom in:

 This image has been resized. Click this bar to view the full image. The original image is sized 717x495 and weights 47KB.




Yikes! What do you think "Dramatic Chipmunk"?

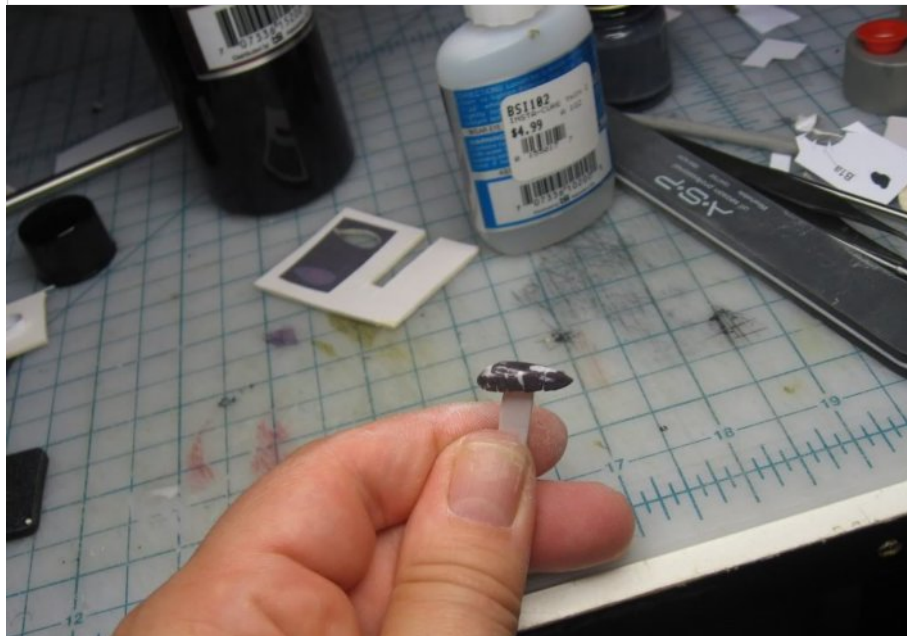



(Sorry, I'm just liking the You Tube feature)

See Jim? That's the remains of someone's thumbprint. Don't think I'm going to do much with that one, kind of looks like a bit of intentional weathering (yeah, that's the ticket).

So I wasn't too impressed with the outcome of the first bump. It was OK, but I decided to go with plan "B" (or was that Plan 9?). Using the same methods to get started, I then coated the whole thing with CA glue, then sanded to shape, coated, sanded, etc., until I got a matched set:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x713 and weights 83KB.

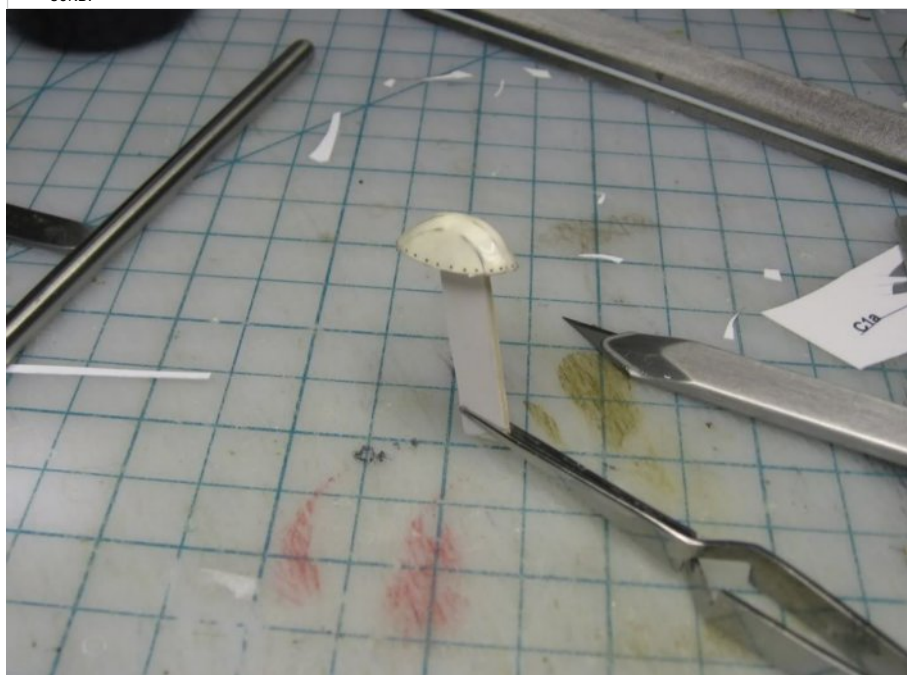


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x675 and weights 76KB.




Did the same thing with the last bump:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x752 and weights 80KB.



Painted and mounted:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x721 and weights 81KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x750 and weights 93KB.



That's pretty much it for the ancillary things on the fuselage.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Last edited by Bomarc; 04-15-2010 at 06:49 AM.



04-15-2010, 07:22 AM



KCStephens
Member

#1139 (permlink)

Join Date: Dec 2007
 Location: York, PA
 Posts: 597

OMG! What's that's blotch there? Let's zoom in:



This image has been resized. Click this bar to view the full image. The original image is sized 717x495 and weights 47KB.



Don't worry Mike...looks like it'll buff out OK.

Kevin Stephens



04-15-2010, 07:54 AM



Bomarc
Member

#1140 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Heh, heh, thanks Kevin. I was going to make an insurance claim but I think it's less than my deductible....🙄

Quote:

Originally Posted by **Gil**
.....high pressure aircraft tires are ribbed for water dispersion. The oolie question is; "Development of what aircraft is responsible for ribbed highways and an important tire pressure set point?"

The answer to this is important as it had a direct effect on the design of modern aircraft tires...

Haven't forgotten this one, but all I could find so far was this:

[NASA Saves Lives With 'Groovy' Spinoff](#)

Anyone? Gil?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Page 114 of 126 << First < 14 64 104 112 113 **114** 115 116 124 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

- You **may not** post new threads
- You **may not** post replies
- You **may not** post attachments
- You **may not** edit your posts

BB code is **On**

Paper Modelers

Paper beats Rock Everytime

[Home](#)
[Forum](#)
[Articles](#)
[Gallery](#)
[Downloads](#)
[Links](#)
[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

 User Name Remember Me?

 Password
[Register](#)
[FAQ](#)
[Community](#)
[Calendar](#)
[Today's Posts](#)
[Search](#)

Post Reply

 Page 115 of 126 << First < 15 65 105 113 114 **115** 116 117 125 > Last >>

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-15-2010, 12:04 PM

#1141 (permlink)



Don Boose
Member

 Join Date: Jul 2007
 Location: Carlisle, Pennsylvania
 Posts: 4,700

It is clearly zinc chromate primer leaking through due to the salt spray and hard sun on Kwajalein. However did you manage to reproduce that illusive weathering effect Oh Grand Panjandum of Special Effects (GPSE - Third award with V for Vainglory, Arrowhead for Ambiguous Assault, and Oatmeal Cluster for protein and carbohydrates)?

Sorry, chaps. I'm up to my eyeballs in student papers on Operational Design and the Joint Operations Planning Process (JOPP) and it's done addled my brain.

Former Naval Person

Quote

04-15-2010, 12:25 PM

#1142 (permlink)



Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by **Don Boose**
It is clearly zinc chromate primer leaking through due to the salt spray and hard sun on Kwajalein. However did you manage to reproduce that illusive weathering effect Oh Grand Panjandum of Special Effects (GPSE - Third award with V for Vainglory, Arrowhead for Ambiguous Assault, and Oatmeal Cluster for protein and carbohydrates)?

Thank you Colonel!! I'm glad *somebody* on this forum recognizes zinc chromate primer leakage due to salt spray and hard sun when they see it. There were several Army/Navy TO's issued on this problem, with fixes including, but not limited to: relocating affected aircraft from areas with high salt spray, to areas with limited (or no) salt spray; to shade aircraft from sun. All solutions had varying degrees of success.

I had to return my 3rd GPSE, my doctor put me on a diet and told me to stay away from carbohydrates.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Quote

04-15-2010, 02:23 PM

#1143 (permlink)



OldTroll
Member

 Join Date: Jun 2007
 Location: Newport News, VA
 Posts: 2,046

Yummy - addled brains and eggs - breakfast of champions! Dunno about the "zinc chromate/salt spray" explanation - it looks more like moss growing on the north side of the fuselage, no doubt due to lack of targets and too few hours in the air.

Ron S.

<< If you can't build - repaint! >>

Quote

04-15-2010, 05:01 PM

#1144 (permlink)



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,404

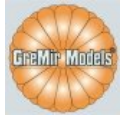
Ummmmm Where is the relief tube outlet?....

I'm not making it up as I go along, I'm establishing precedent



04-15-2010, 05:23 PM

#1145 (permalink)



GreMir
Member

Join Date: Jul 2007
Location: Sunshine State
Posts: 1,316



It's probably hidden under this blister just ahead 😊

Sorry Mike - I needed a chuckle after hard day and even more work in front of me...

Michael Krol
www.gremirmodels.com



04-15-2010, 08:48 PM

#1146 (permalink)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 801

Oolie Info...

Quote:

Originally Posted by **Bomarc**
Heh, heh, thanks Kevin. I was going to make an insurance claim but I think it's less than my deductible....

Haven't forgotten this one, but all I could find so far was this:

Quote:

Originally Posted by **Bomarc**

[NASA Saves Lives With 'Groovy' Spinoff](#)

Anyone? Gil?

Mike

Mike,

Only certain people are familiar with the term "Oolie"...

The B-58 Hustler suffered severe hydroplaning due to the high landing and take off speeds. Changing the tire tread had no real effect. After exhaustive experimentation and calling in help from NASA the conclusion reached was that the onset (in knots) of hydroplaning was equal to the square root of the tire pressure in PSI times 9. The method chosen to lessen the effect was to groove the runways so that the depth of rain water was minimized. Thus began the program to groove all Strategic Air Command runways. It was later applied to the national highway system.

A good source for further reading is here: [Hydroplaning \(tires\) - Wikipedia, the free encyclopedia](#)

This was one of the biggest bogeymen in the development of anti-skid braking systems...

+Gil



04-15-2010, 10:50 PM

#1147 (permalink)



Jim Nunn
Member

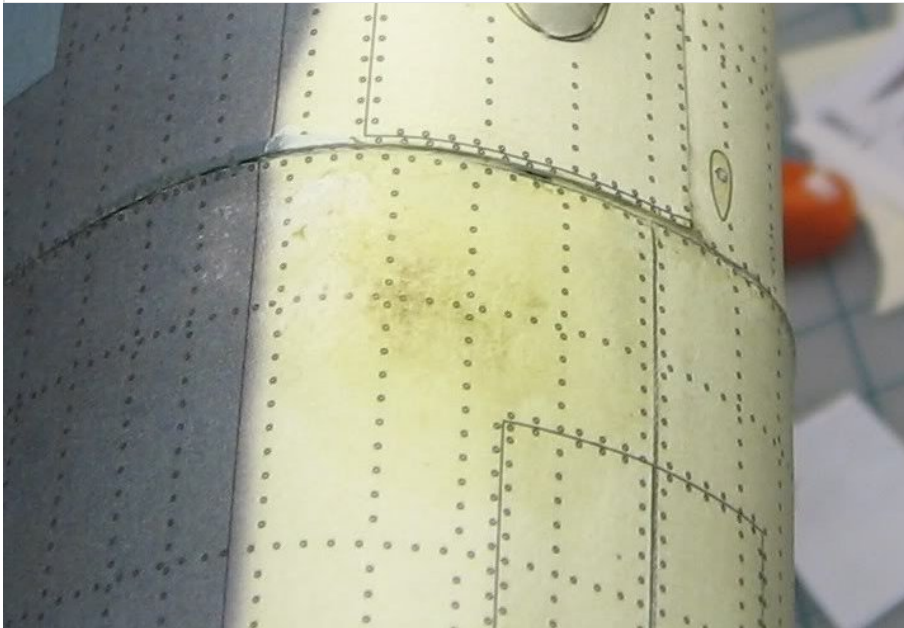
Join Date: Jun 2007
Location: Glendora, California USA
Posts: 316

Quote:

Originally Posted by **Bomarc**

OMG! What's that's blotch there? Let's zoom in:

This image has been resized. Click this bar to view the full image. The original image is sized 717x495 and weights 47KB.



Mike

Mike,

You can't fool me that is a nice job of weathering

That would be my excuse and I'm sticking with it.

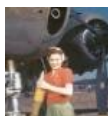
Jim

There is a very fine line between paper modeling and mental illness.



04-16-2010, 05:14 AM

#1148 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:


Originally Posted by **shrike**

Ummmmm Where is the relief tube outlet?....

Relief tube?! There's no relief tubes in the Corps! The Marines would hold it until they got over the target, then pee on the enemy as a final gesture after bombing them to smithereens.

Actually, I just don't know where the outlet is on a B-25. Could tell you where it is on a P-51.....

Quote:

Originally Posted by **GreMir** 
Sorry Mike - I needed a chuckle after hard day and even more work in front of me...


No apologies necessary Mike. A sense of humor is encouraged and required here....

Quote:

Originally Posted by **Gil** 
Only certain people are familiar with the term "Oolie"...

I didn't even think twice until you said that. You're right, I guess it's not in the general lexicon. Interesting factoids on the B-58. Initially, I was thinking B-36 since that went through some LG changes early on, but those issues were footprint and weight distribution (one BIG wheel vs. bogies). There was a You Tube vid posted somewhere on the forum that was a training film of B-58s landing in x-winds, and what the pilot needed to do to compensate. Looked a little hairy with that close set, spindly LG.

Quote:

Originally Posted by **Jim Nunn** 
You can't fool me that is a nice job of weathering

See above explanations from the Colonel and The Worlds Oldest Troll, then take your pick.....

Mike

"Please to continue...."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-16-2010, 06:08 AM

#1149 (permlink)




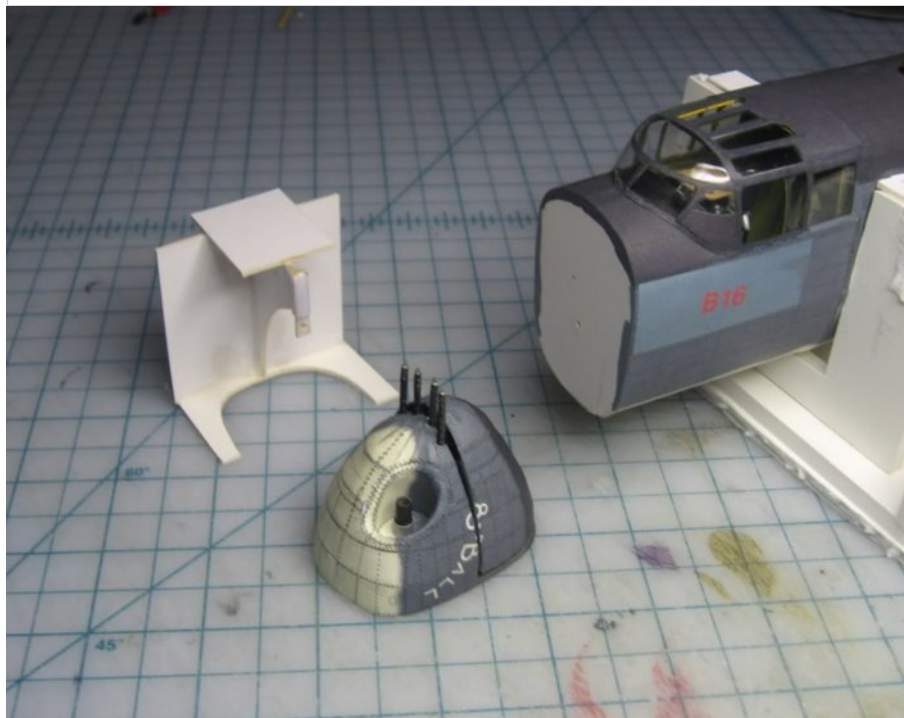
Bomarc
 Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778


Nose job....

Next task was focused on attaching the nose:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x805 and weights 79KB.

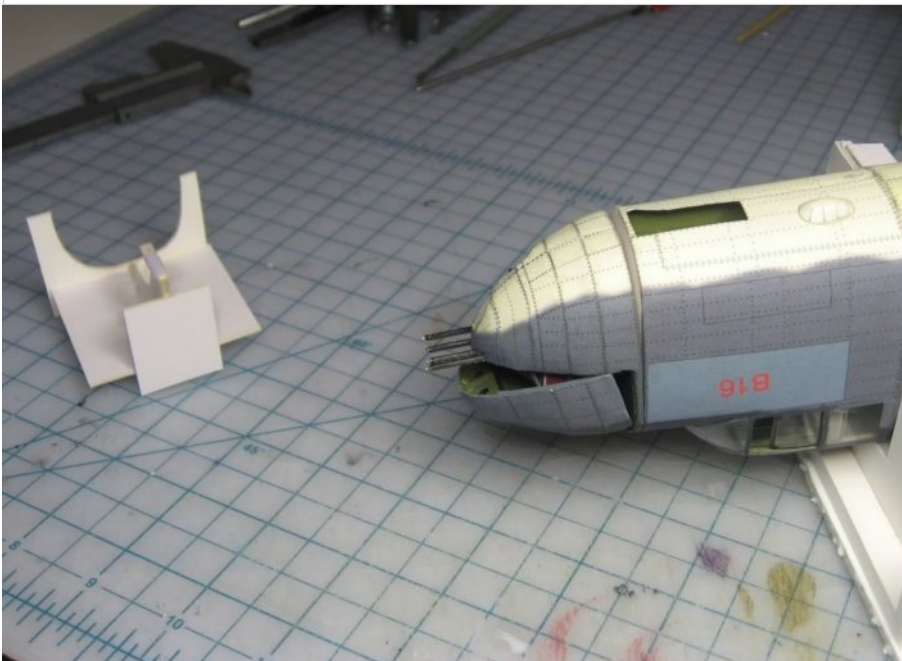


I had to make a fixture (left), the function of which will become apparent in a moment. The nose had to be glued in two steps. First step, glue the top portion:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x770 and weights 86KB.

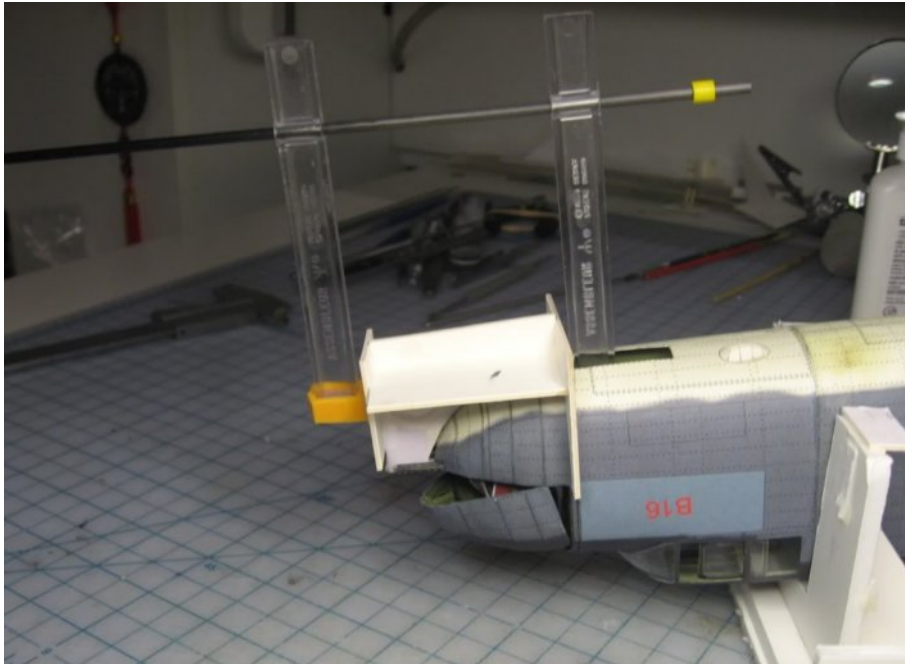


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x742 and weights 97KB.




WOW, look at that gap! I knew the rear bulkhead of the nose was warped, so that's where the fixture comes in. Second step, glue in the bottom:

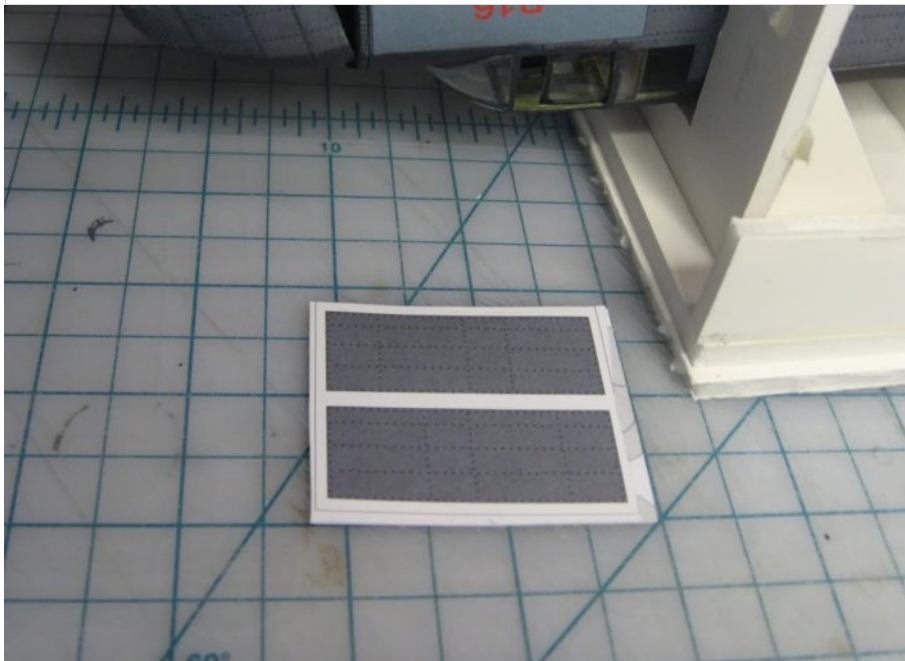
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x748 and weights 67KB.




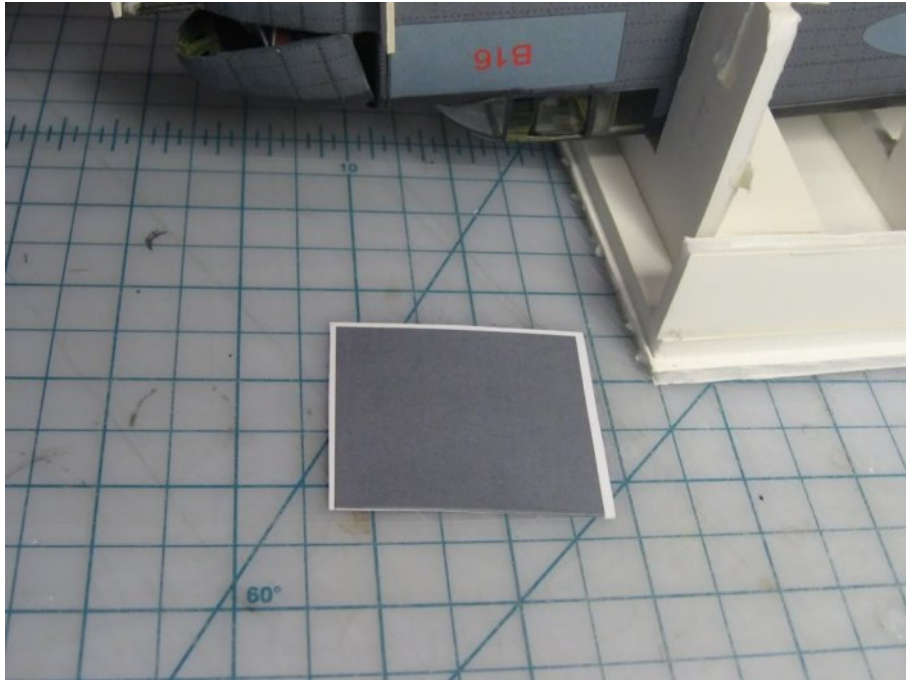
The fixture lets me clamp the compound shape of the nose without crushing it. The clamp is a "Berna" clamp, a set of which I've had for ages (they hit the plastic model scene about 15 years ago). I find they're really useful for clamping paper models as they don't exert a lot of pressure, just enough to hold things together. Micro-Mark doesn't carry them anymore, but here's someone that [does](#).

While the nose was drying, work started on the slab armor pieces. The plates actually go over the joint line of the nose, making the Orlik parts too short. Also they're full of rivets, and the plates seem to have a more monolithic appearance:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x745 and weights 76KB.

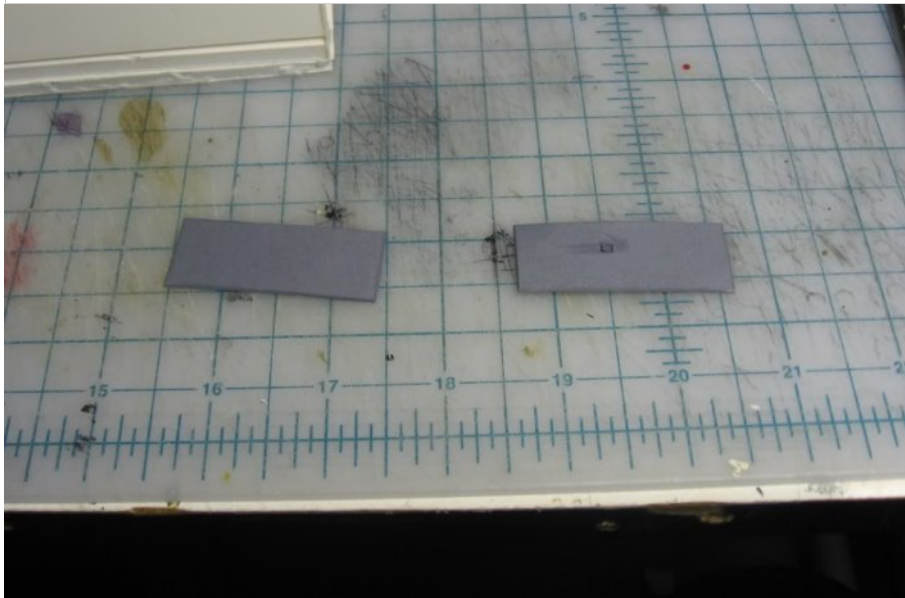


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x764 and weights 84KB.




Cut them out to the new, longer dimension, with a beveled edge, then added a little air vent thing(?) that shows up in all the photos on the Pilot's side:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x673 and weights 80KB.




Didn't add it to the other one for reasons I'll relate in a moment. So the clamp comes off, and the plate goes on:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x729 and weights 89KB.




I beginning to think that "H" model Mitchells didn't have the slab armor on the starboard side as there was no co-pilot. I can't find a pic of confirming one way or another, but it's a moot point; Orlik forced my hand by including it and marking the location for it on the fuselage:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x750 and weights 90KB.




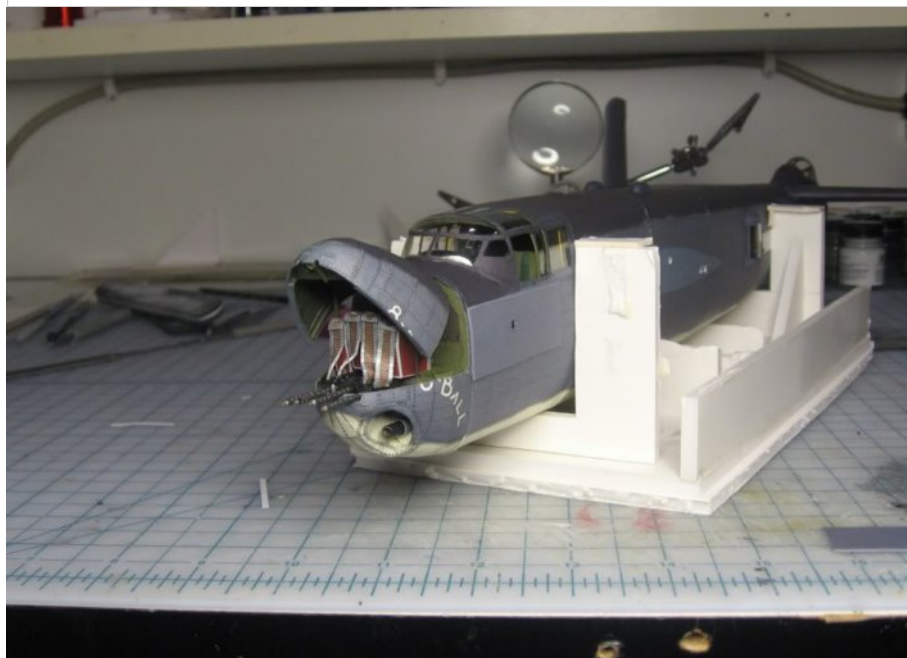
It's why I didn't add the vent to this side, but I'm happy to slap this plate on if only not to see **B16** anymore. Say goodbye to our little red friend:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x707 and weights 88KB.

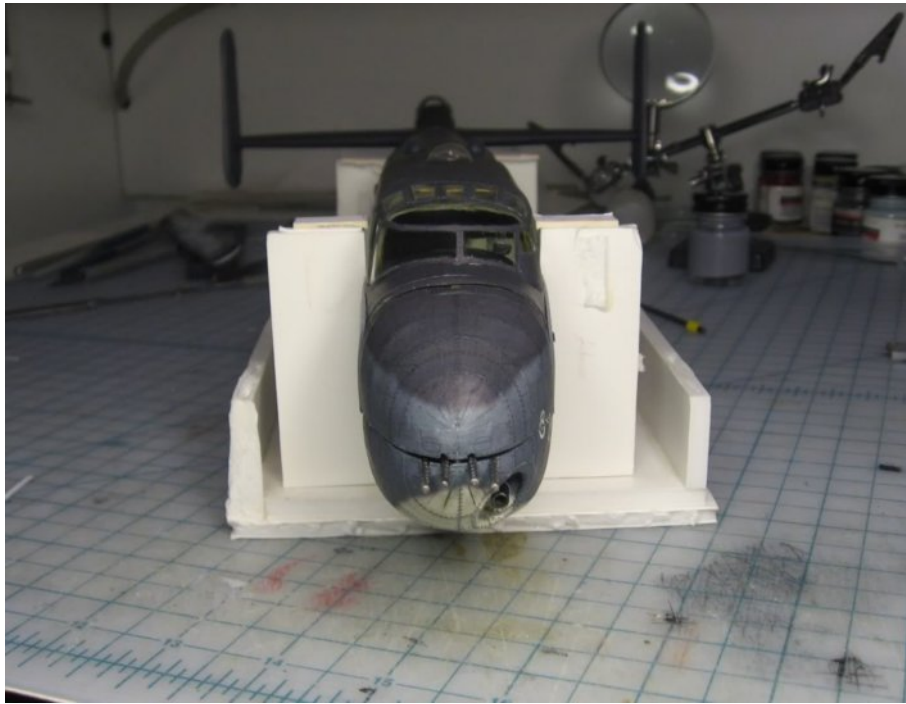


And that's how you do that. Some eye candy views:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x736 and weights 80KB.

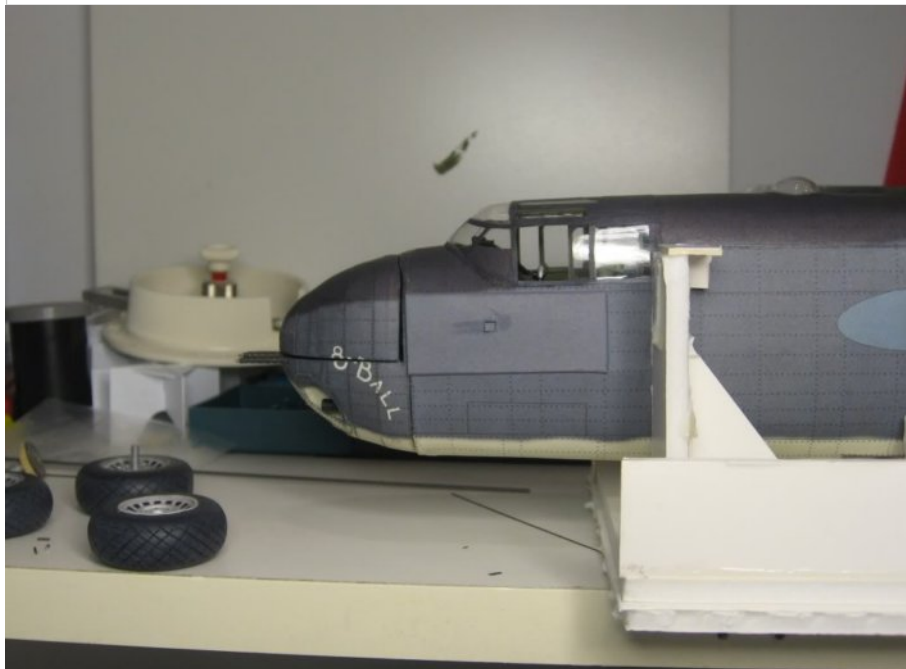


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x788 and weights 74KB.




Man, those inboard guns are in sore need of some bore sighting!

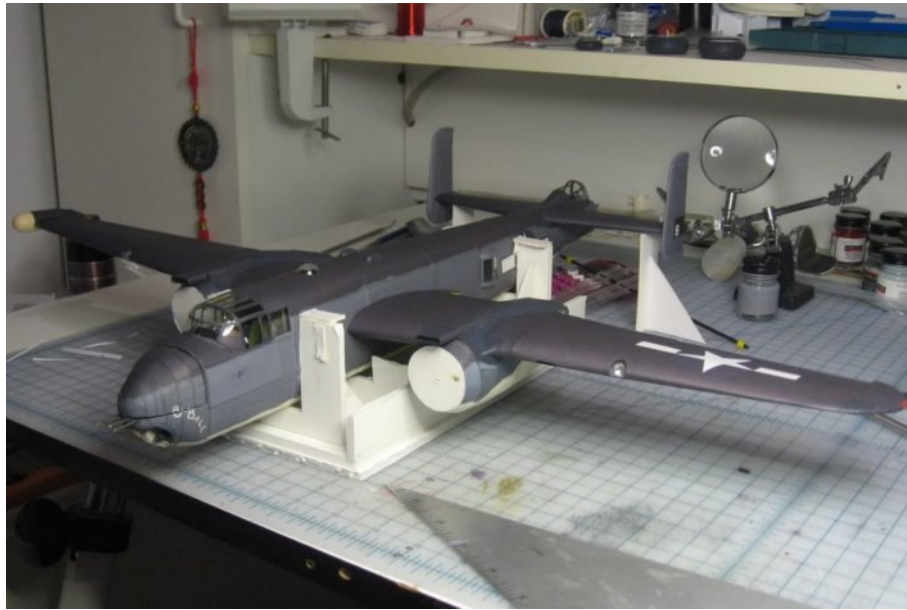
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x750 and weights 59KB.



I think it has the snub nose profile pretty much. The hood doesn't quite sit right now that the bulkhead's been straightened out, so some adjustment will be required.

Why yes, yes I did try the wings on:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x682 and weights 92KB.



Looks like we got Mitchell in here.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-16-2010 at 06:19 AM.



04-16-2010, 06:13 AM

#1150 (permalink)

OldTroll
Member

Join Date: Jun 2007
Location: Newport News, VA
Posts: 2,046

If it wasn't for the twin engines I'd swear it was a Corsair flying inverted! Sorry to joke and run but I must get a set of those clamps!

Ron S.

<< If you can't build - repaint! >>



Page 115 of 126 << First < 15 65 105 113 114 **115** 116 117 125 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:33 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

[Home](#)
[Forum](#)
[Articles](#)
[Gallery](#)
[Downloads](#)
[Links](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

 User Name Remember Me?

 Password
[Register](#)
[FAQ](#)
[Community](#)
[Calendar](#)
[Today's Posts](#)
[Search](#)
[Post Reply](#)

 Page 116 of 126 << First < 16 66 106 114 115 **116** 117 118 > Last >>

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-16-2010, 06:17 AM

#1151 (permalink)



willygoat
Member

 Join Date: Jul 2007
 Location: Papillion, Nebraska
 Posts: 1,486

Wow Mike! you're engineer side just keeps coming out. I love it!!!! The last shot there was an awful tease. But, not much longer, and ole 8-Ball will be finished 😊

[Quote](#)

04-16-2010, 08:15 AM

#1152 (permalink)



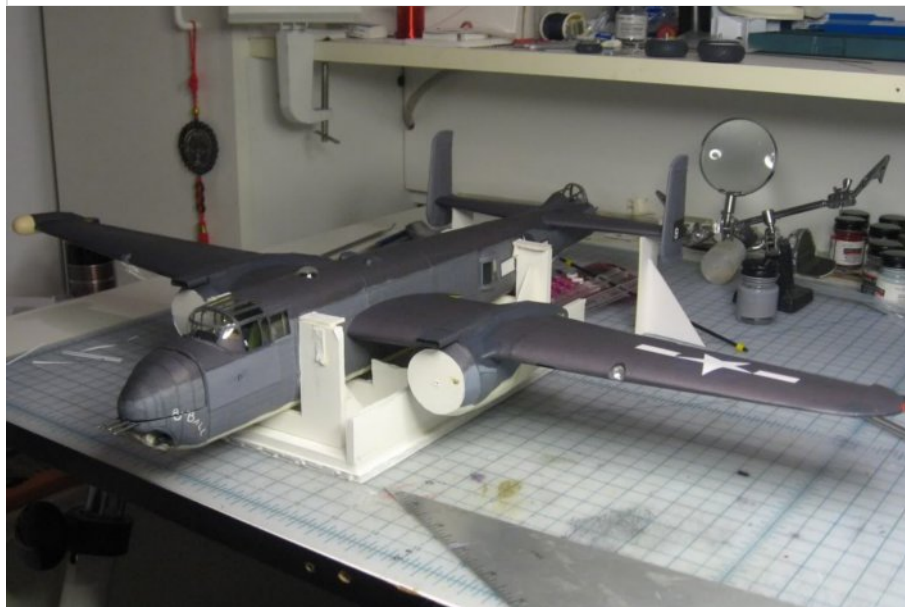
cmags
Member

 Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709

Quote:

Originally Posted by **Bomarc**
Why yes, yes I did try the wings on:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x682 and weights 92KB.



Looks like we got Mitchell in here.....

I've been waiting to see this shot for months now. Incredible to see it all coming together. Well done Mike, well done. What museum is this bird going to when finished again? I remember discussion about it, just don't know where. I'd love to get by and see it in person sometime.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)

[Quote](#)

04-16-2010, 05:54 PM

#1153 (permalink)

 Join Date: Jul 2007
 Location: Carlisle, Pennsylvania

**Don Boose**

Member

Posts: 4,700

Oh, wow! Looks terrific with wings on!

Don



04-16-2010, 06:19 PM

#1154 (permlink)

**Ron0909**

Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 423

OH MY GOD what a beauty!!! We've been seeing all the beautiful intricate details for so long and now this! The sum of all parts.....Ok I'm at a severe loss of words

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/aviation/estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



04-16-2010, 08:02 PM

#1155 (permlink)

**Texman**

Lilliput Transportation

Join Date: Jul 2007
Posts: 768

Oh crap. I hate my models now.

Ray

Don't squat with yer spurs on.....It's gonna hurt



04-16-2010, 08:07 PM

#1156 (permlink)

**willygoat**

Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,486

Don't worry Ray! I think I see a smudge on the left engine plate. Oh wait, that's getting covered up. damn 😞



04-16-2010, 10:11 PM

#1157 (permlink)

**B-Manic**

Nautica Moderator

Join Date: Jul 2007
Location: Vancouver Island, BC, CA
Posts: 2,554

That's one big beautiful bird. Seeing it in the whole is a real treat.

The proceeds from sales at www.hobbyfactory.com support this forum!!



04-17-2010, 12:27 AM

#1158 (permlink)

**pahorace**

Member

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 386

Hi,
is a pride and a pleasure to see the work almost finished.
Very, very attractive! 😊
I think, you have inspired many of us.

Orazio



04-17-2010, 07:18 AM


**Bomarc**
Member

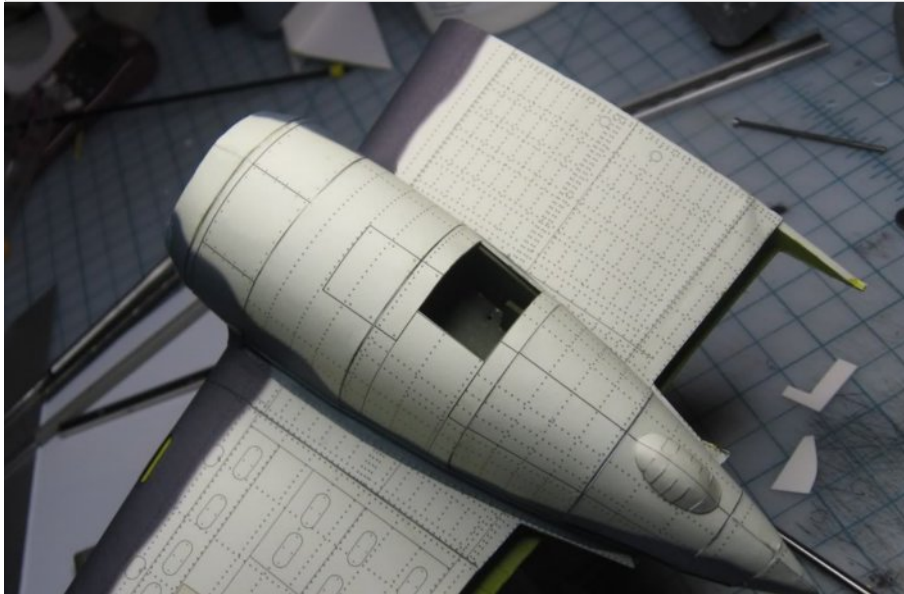
#1159 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Thank you all gents. I think it will be pretty dramatic when it's all up and running. For the next couple of days, I'm bringing the wings up to snuff prior to "The Final Joining" (opens Friday at a Theatre near you).

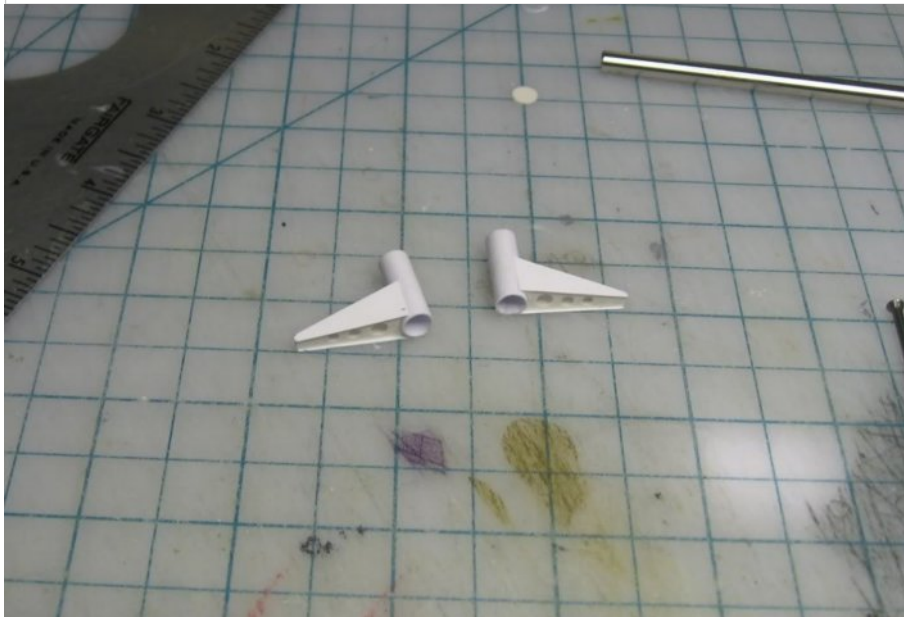
A quick post and run update. Now that I have a pair of struts to build to, I wanted to make a more positive connection in the wheel well. In Orlik's world, it's just a hole and a post to mount what's essentially a fairly heavy paper pendulum:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x668 and weights 94KB.




Not going to happen. So I made some sockets based loosely on the real article:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x695 and weights 73KB.




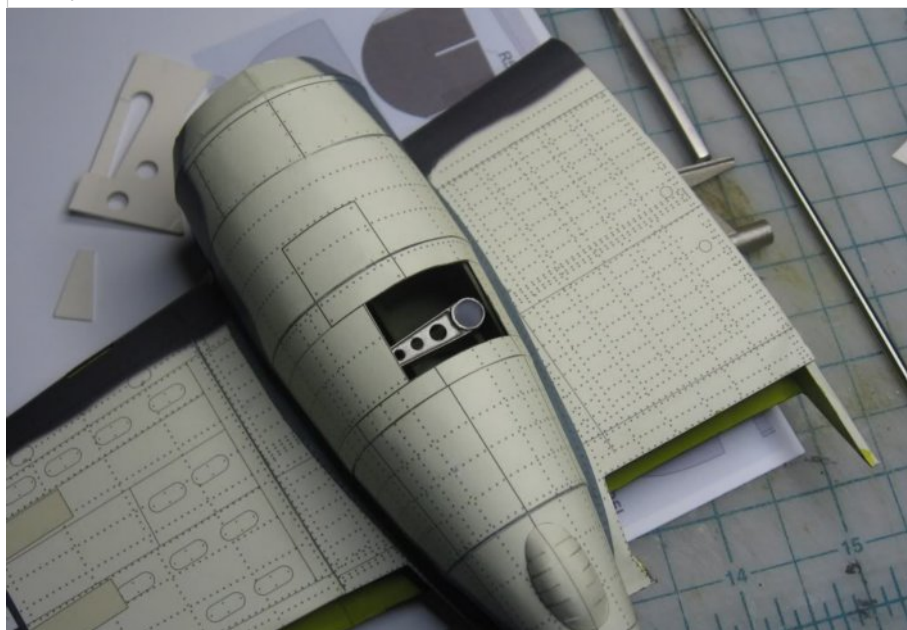
Printed out scans of the bulkheads that made up the walls of the wheel wells so I can set the angle to insure the struts are perpendicular (in that plane, they actual tilt forward a tad in the other plane):

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746 and weights 61KB.



Painted up and how it will look in there:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x704 and weights 110KB.



Not permanently attached yet. Have to run to the LHS for some material to make a jig first.....🤖

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-17-2010, 07:25 AM



Don Boose
Member

#1160 (permalink)

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

Incredible.

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 117 of 126 << First < 17 67 107 115 116 **117** 118 119 > Last >>

LinkBack Thread Tools Display Modes

04-17-2010, 08:34 AM

#1161 (permalink)



Willja67
Member

Join Date: Jul 2007
Posts: 687

Quote:

Originally Posted by **OldTroll**
If it wasn't for the twin engines I'd swear it was a Corsair flying inverted!

Look ma I'm a PBJ.....Please don't eat me!

Sorry for cluttering this amazing thread with such a substandard build but I couldn't resist after Ron's posting. I did do a google search for an inverted Corsair but couldn't find any really quick, so I used what I already had on the computer.

Said before but, Wow! When all is said and done you should post some comparo shots of a stock orlik pbj kit so we can truly appreciate the extra detail.

Attached Images

003.jpg (114.4 KB, 38 views)

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)

Quote

04-17-2010, 09:13 AM

#1162 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

It looks like a PZL P.11.

Quote

04-17-2010, 01:21 PM

#1163 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **Willja67**
When all is said and done you should post some comparo shots of a stock orlik pbj kit

I don't know if there are any pics of a stock build of this kit Will. The only builds I've seen are of some great builds of the sister B-25J kit (all finished, what a novel concept), but I don't know of anyone else building the PBJ. Besides, I don't like comparing other builds of models, except my own stuff, and only then as a gauge to see where I can improve. 😊


Slight change of plans. I realized that the Orlik set-up was based on their somewhat thinner gear leg, and the sockets added a bit of dimension. It meant I needed to tear out the posts and cut them down a bit. But that was a good thing; it allowed me to add the angle of the forward cant of the legs, and I could solidly CA glue the part to the socket:

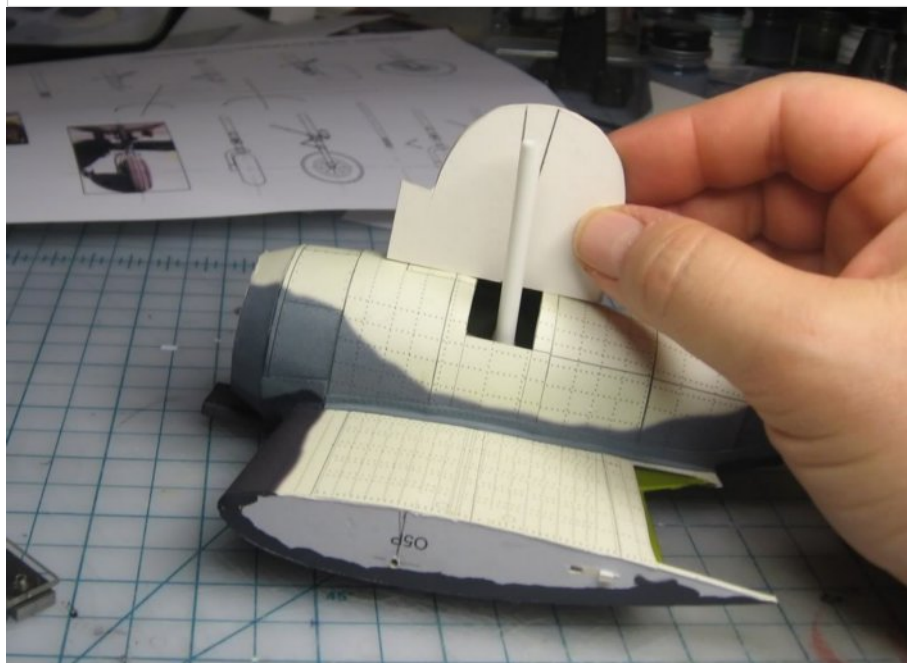



This image has been resized. Click this bar to view the full image. The original image is sized 1023x714 and weights 79KB.

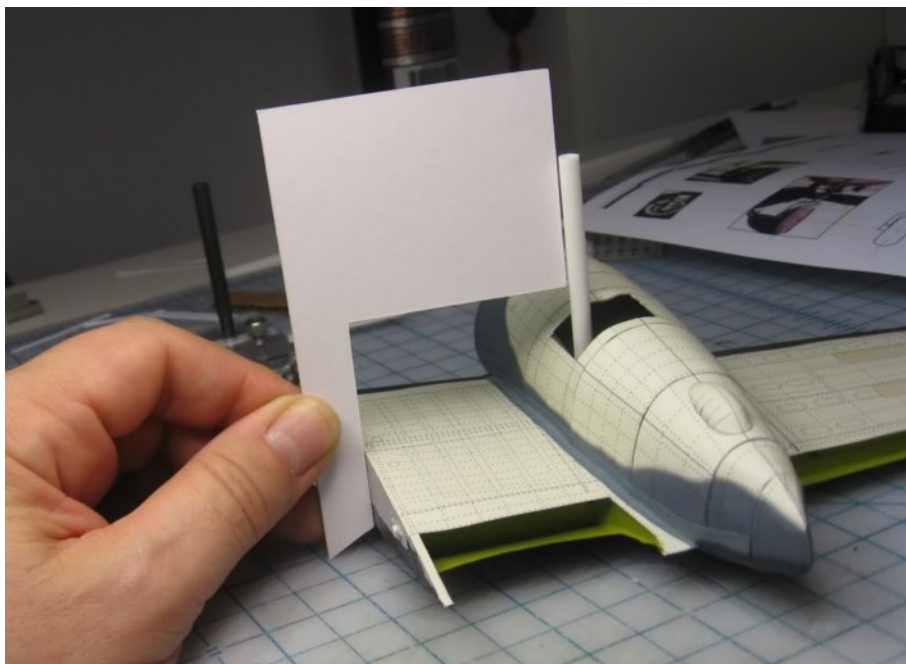


So in a single assembly, I could capture the angles in both axis. I didn't need a fancy jig to set it in place, just a couple of gauges to check my work using a dummy strut:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x744 and weights 74KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x744 and weights 77KB.




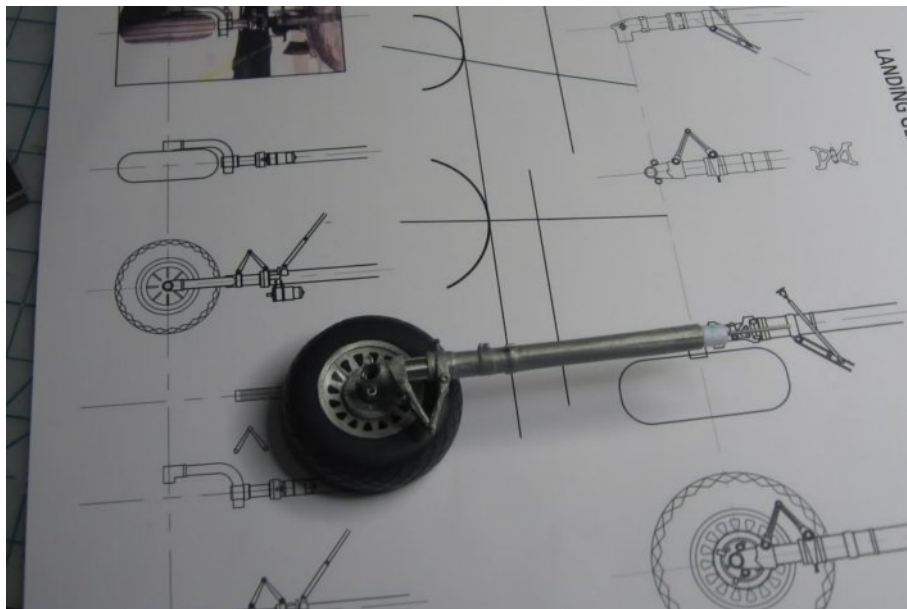
CA glues sets everything in place:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x691 and weights 125KB.

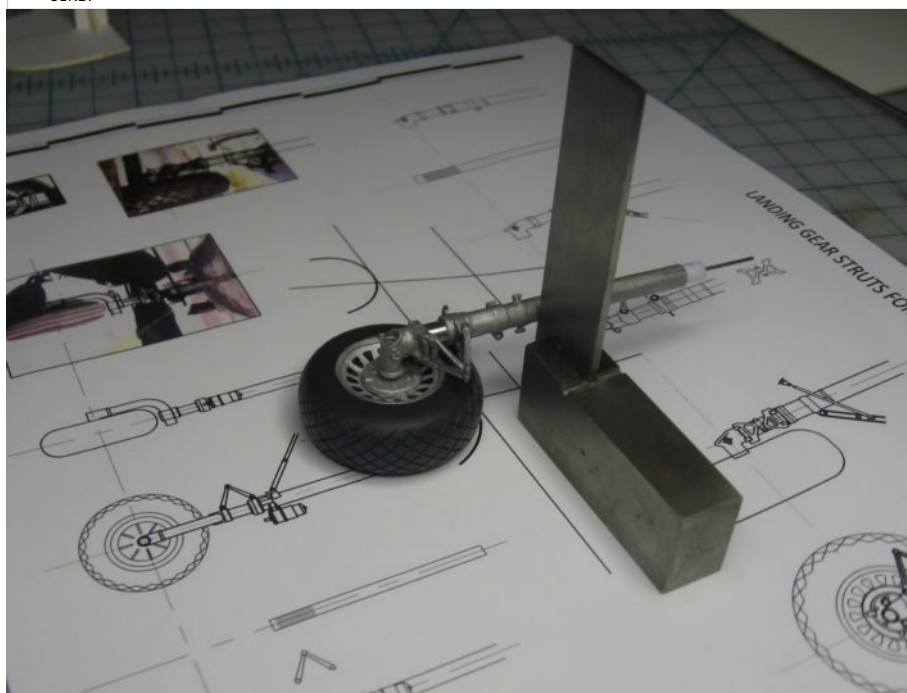


Now that there a solid base to mount the struts, I can cut down the struts themselves. In the little cheat sheet I whipped up, I determined an average distance between the top of the tire to bottom of the nacelle, and marked that:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x686 and weights 65KB.

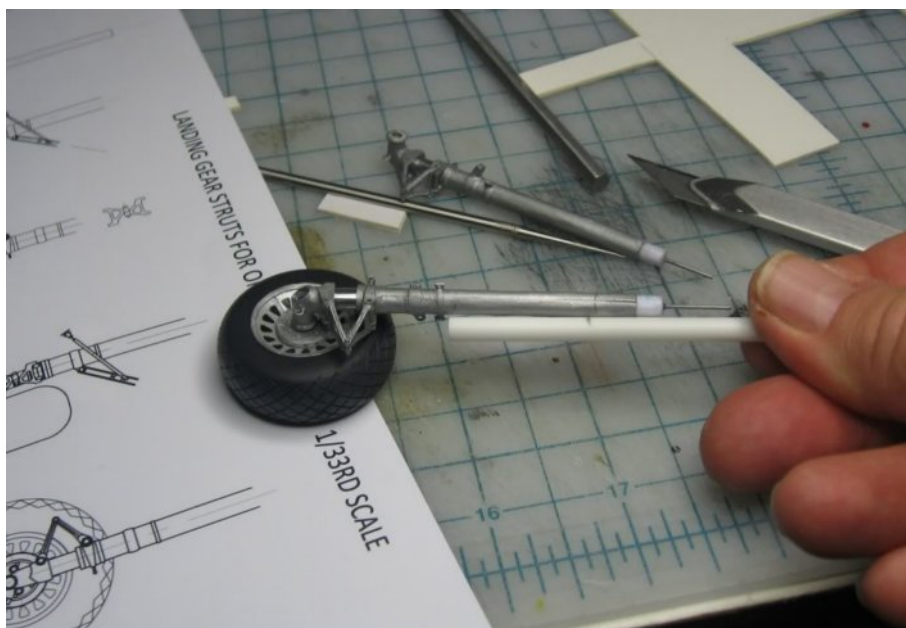


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x774 and weights 81KB.




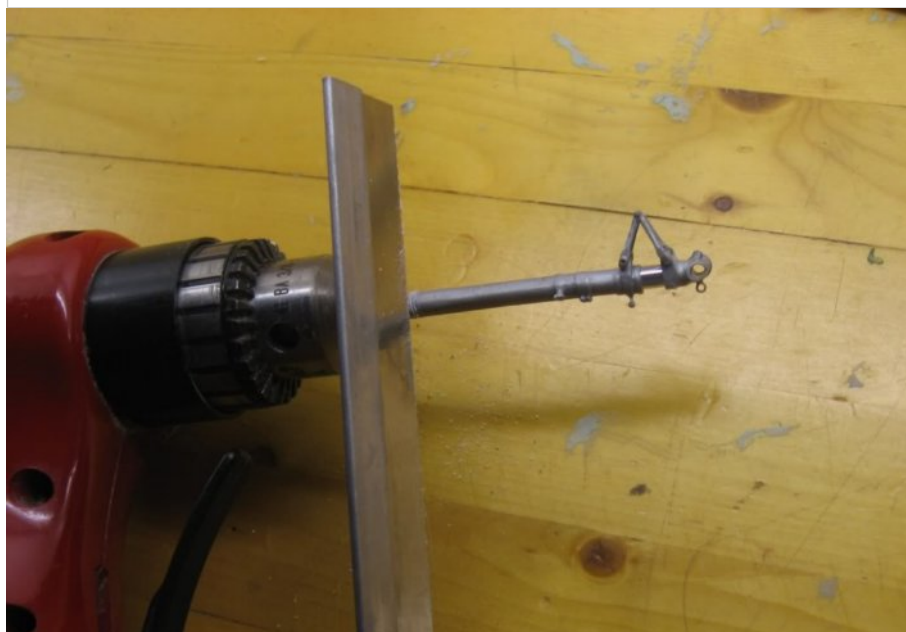
Added the depth of the socket as measured from the dummy strut:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x701 and weights 81KB.




I did this method with a saw and drill to cut off the excess:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x708 and weights 56KB.




But it really wasn't necessary, for even with the CA glue coating, I could slice through the paper rolls with a knife, which I still needed to do after fit and cut, fit and cut, etc. I ended up with a lot less strut than I anticipated:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x701 and weights 92KB.




But it's just enough:

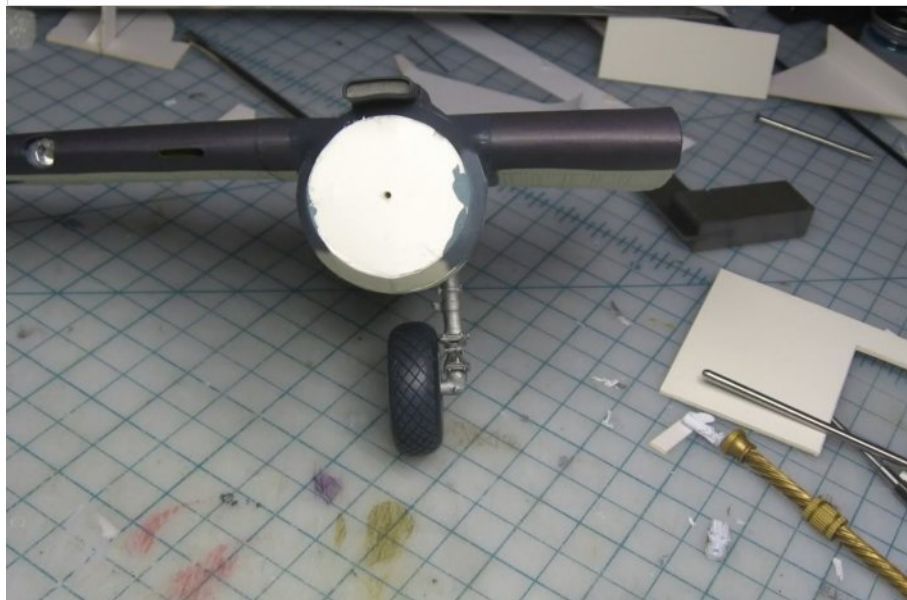
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x680 and weights 109KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x658 and weights 77KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676 and weights 92KB.



There's enough "slop" in the socket to give me one last chance to make adjustments come time to permanently mount these, but the majority of the angles are set in now. I'm going to use slow epoxy, and that should be enough. Also the socket assembly gives me the opportunity to add shims inside as required to get a level stance in the overall model.

Flaps and aileron next.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



 04-17-2010, 02:10 PM



legion
Member

Is that gold contraption a drill?

print, cut, score, fold, glue, gloat.

www.n15.nl Total Annihilation paper models.

Current wip: [Heinkel He100 D-1](#) [Airbus A340-300](#)

#1164 (permalink)

Join Date: Jun 2009

Posts: 248



04-17-2010, 02:19 PM

#1165 (permalink)

**Don Boose**

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

It's just amazing, Mike!

Don



04-17-2010, 05:32 PM

#1166 (permalink)

**Bomarc**

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **legion**
Is that gold contraption a drill?

It is. It's this one:

[MICRO HAND DRILL](#)

I've had it for ages. Looks like they've updated it by adding a spring. The funny thing is I rarely use the spiral feature, always just twisting it between my fingers. I like it because it's really light and accepts drills down to #80.

Mike

"Please to continue....."Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

04-17-2010, 07:18 PM

#1167 (permalink)

**peter taft**

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Truly Awesome stuff Mike 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS**Just Finished:** F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX

04-18-2010, 01:20 AM

#1168 (permalink)

**legion**

Member

Join Date: Jun 2009
Posts: 248

Quote:

Originally Posted by **Bomarc**
It is. It's this one:[MICRO HAND DRILL](#)*I've had it for ages. Looks like they've updated it by adding a spring. The funny thing is I rarely use the spiral feature, always just twisting it between my fingers. I like it because it's really light and accepts drills down to #80.**Mike*

I'm not an engineer, benchworker or jewelmaker, but i got a good grasp of what a tool can do or not do! And i have seen something like this before, though it wasn't as small as the one you have! More like regular drill sized!

print, cut, score, fold, glue, gloat.
www.n15.nl Total Annihilation paper models.
 Current wip: [Heinkel He100 D-1](#) [Airbus A340-300](#)



04-18-2010, 02:41 AM

#1169 (permalink)



Gil
Member

Join Date: Jun 2007
 Location: Northern Bear Flag Republic (Known as Water World in L.A.)
 Posts: 801

Be Happy....

Be Happy and thrifty here (before they run out):

[APRIL SALE - Pin Vise, Single End, Spring: Widget Supply](#)

+Gil



04-18-2010, 07:09 PM

#1170 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Widget Supply!! Bought more than a few tools and such from there, I can tell ya'!

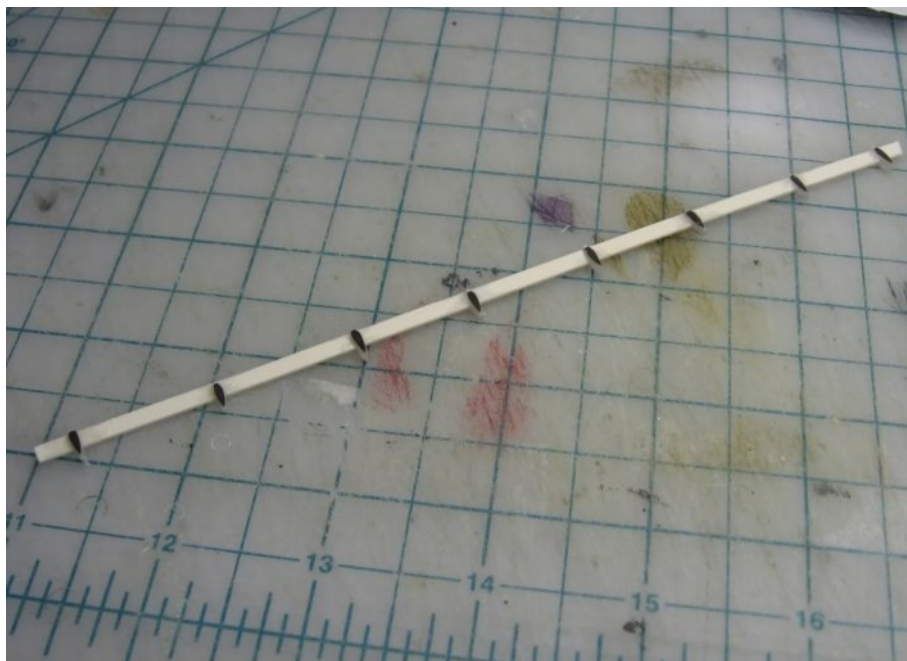
Finished up the last bits for the wings. Marine PBJ's had a field mod to carry eight 5 inch HVAR's. Here are the stubs back in the day:




Orlik included these plus the rockets themselves, but I decided early on not to have any external stores. Still, the stubs have to be made. Taking the teardrop parts from the kit, CA glued them to a strip of 0.5mm card so I could shape them in a bunch:




This image has been resized. Click this bar to view the full image. The original image is sized 1023x741 and weights 85KB.

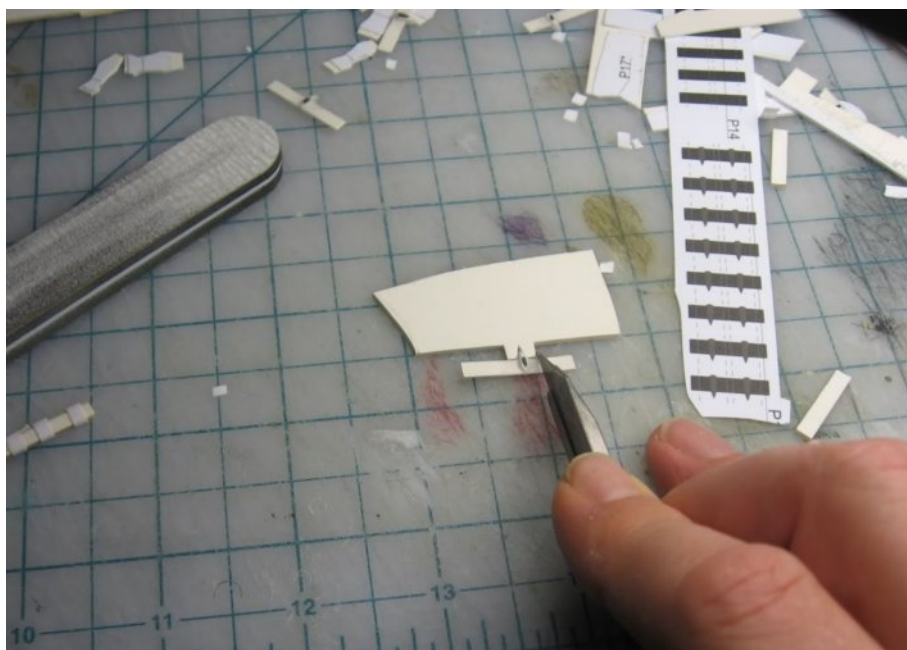


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x723 and weights 81KB.




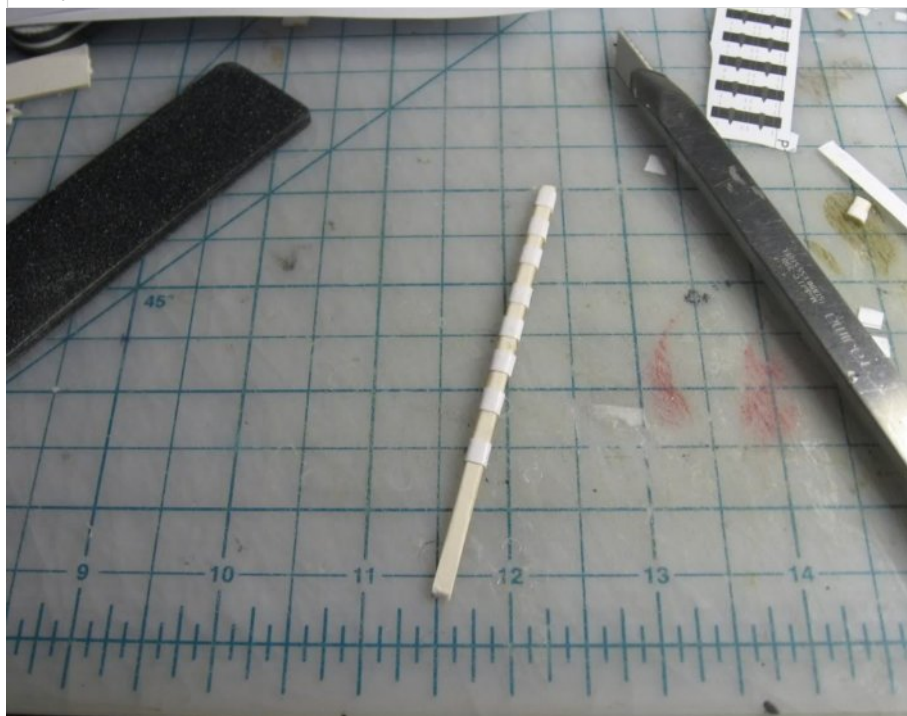
Made a little cutting template to keep them consistent:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728 and weights 92KB.

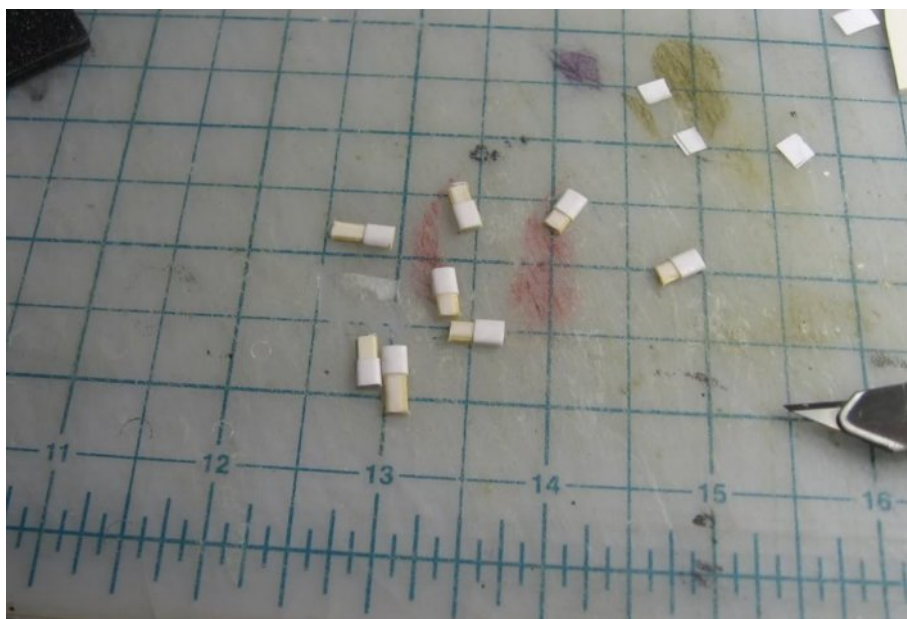


The kits original parts are on the left, which I obviously didn't use. For the front stubs, shaped a length of mat board to an airfoil shape, then wrapped card at interval along its length, then cut them out:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x805 and weights 102KB.

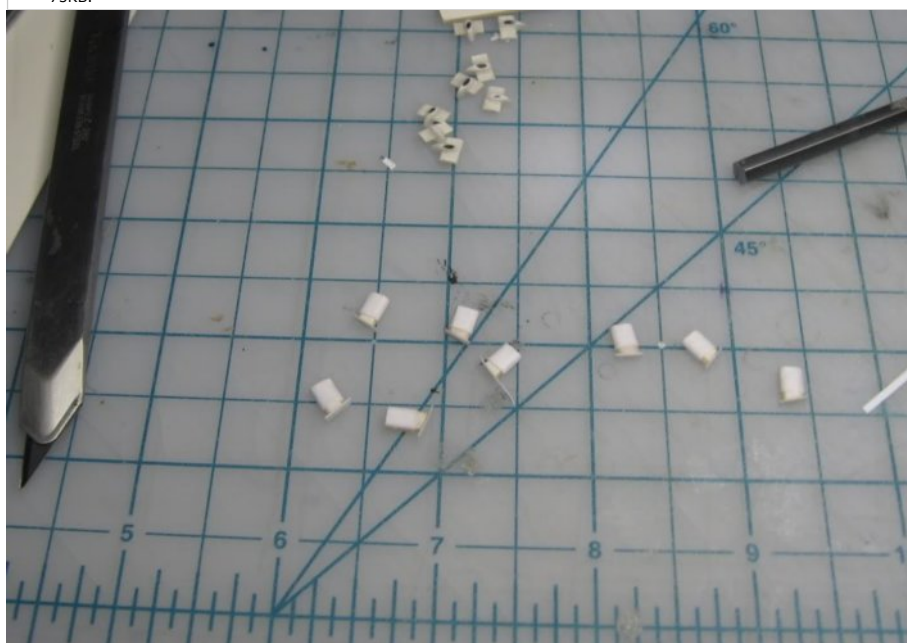


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x691 and weights 86KB.




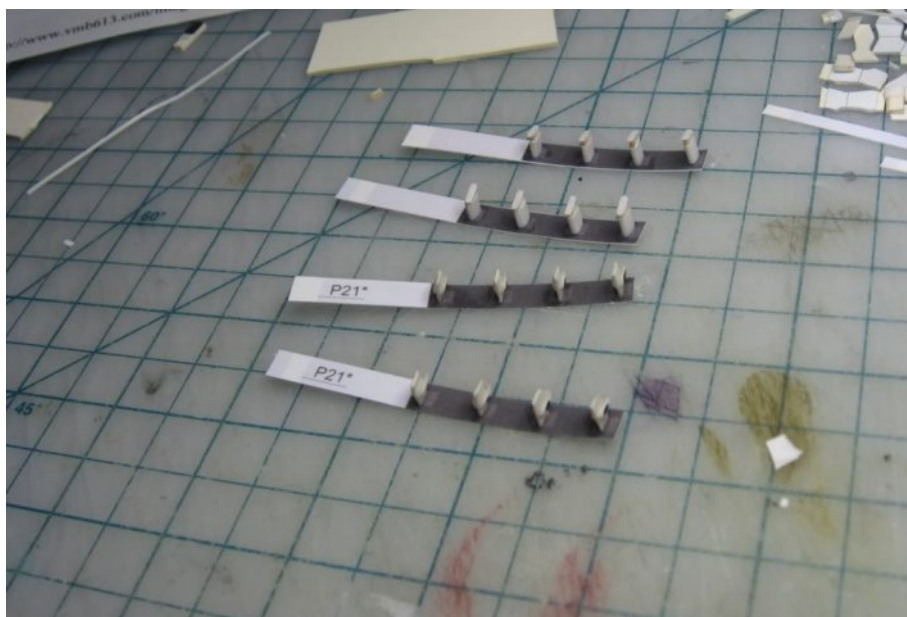
Trimmed to final length and added the flat mounting lug to their ends:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x717 and weights 75KB.



Mounted them on the reprinted kit parts. I had glued the original parts to 0.5mm card per the kit instructions early on in this build, trying to get ahead on things. Should have skipped that step as that made them way too thick. Anyway on 65lb card:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x688 and weights 82KB.



The original MB-8 ("8-Ball") had white (or at least a very light) colored stubs:




The kit parts were black like the pic at the beginning of this post. I liked the black better:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x669 and weights 72KB.




Also added the ailerons and flaps to the wings. Left:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x682 and weights 76KB.




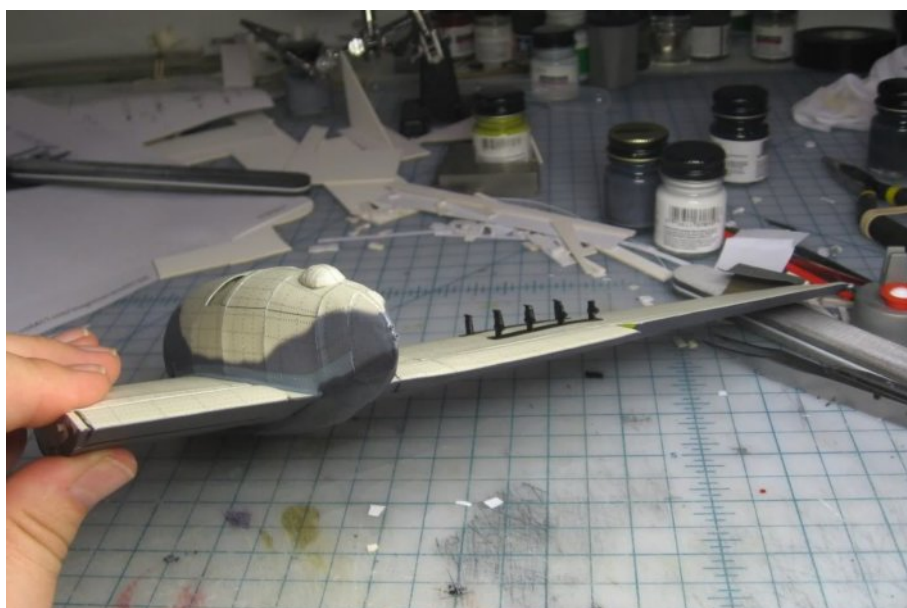
And right:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x730 and weights 101KB.




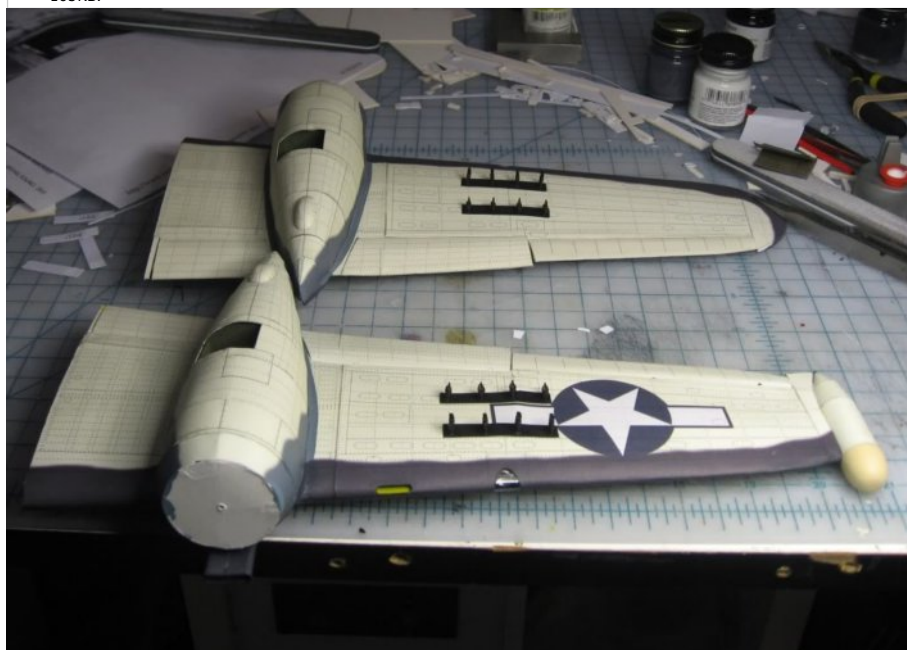
I had mounted the control yoke in the cockpit cranked slightly to the right, hence the deflection of the ailerons (continuity!). Like to see nice straight and sharp trailing edges:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x679 and weights 88KB.



Also added the fuel vents at the tail end of each nacelle (tiny tubes poking out the end). That's about it for the wings:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x728 and weights 105KB.



Rudders and elevators coming up.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Posting Rules 

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password [Register](#)[FAQ](#)[Community](#)[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)Page 118 of 126 [« First](#) < [18](#) [68](#) [108](#) [116](#) [117](#) **118** [119](#) [120](#) > [Last »](#)[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-18-2010, 08:29 PM

#1171 (permalink)

**Willja67**
MemberJoin Date: Jul 2007
Posts: 687

I realize that rocket stub launchers could possibly be different lengths depending on the aircraft they were built for or any of a thousand factors but does anyone have a definitive length for the launchers used on Corsairs?

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)

[Quote](#)

04-18-2010, 08:30 PM

#1172 (permalink)

**Don Boose**
MemberJoin Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

Excellent. By coincidence, I was browsing through the Osprey book on the PV-1 and PV-2 Ventura/Harpoon. They, too, had those mountings for HVAR rockets.

I presume you have been following wily's thread about B-25's and PBJs with the interesting info that, in CBI at least, Mitchell's were sometimes called "Gulls" because of the wing shape.

Don

PS: After Gil's and your comments on Widget, I ordered some stuff, including one each pin vise, single end, spring, paerpmodelers for the use of.

[Quote](#)

04-18-2010, 11:29 PM

#1173 (permalink)

**shrike**
MemberJoin Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,404

They were a pretty much universal set of stubs that could be fitted to any aircraft

Mk5 Mod 0 rail suitable for all aircraft : Stubs 7.0 inches long, 3.5 inch chord - material steel

Mk5 Mod 1 rail suitable for all aircraft : Stubs fwd 6.1 inches long, 4.3 inch chord, aft 6.0 inches long, 4.4 inch chord - material alum.

[Refs and more here](#)

I'm not making it up as I go along, I'm establishing precedent

[Quote](#)

04-19-2010, 05:20 AM

#1174 (permalink)


**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **Don Boose**

By coincidence, I was browsing through the Osprey book on the PV-1 and PV-2 Ventura/Harpoon. They, too, had those mountings for HVAR rockets.


I don't know for sure (Mark?), but in the SWP and CBI theaters, they seemed to have a "pre-packaged" assembly that could be attached to the underside of the wing of whatever aircraft they wanted. Here's a "three pack" under the wing of a P-51K in the CBI (118th TRS, 23rd FG Laohwangping, China):

 This image has been resized. Click this bar to view the full image. The original image is sized 1000x712 and weights 166KB.



Dark colored (black?) too, must have been a standard thing.

Quote:

Originally Posted by **Don Boose** 
I presume you have been following wily's thread about B-25's and PBJs with the interesting info that, in CBI at least, Mitchell's were sometimes called "Gulls" because of the wing shape.

I did! Very cool, but I'm not sure how "gull" like the model will be, Orlik didn't put much of a "crank" into their kit. Some, but not a lot. We'll see soon enough....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



 04-19-2010, 07:06 AM

#1175 (permalink)



shrike
 Member

Join Date: Jul 2007
 Location: Chandler (SE PHX Metro) AZ
 Posts: 1,404

Check the link above. I think that your picture shows a Mk1 mod ? rail, which was superseded as being to draggy. The rails and/or stubs could be assembled onto base plates, and the base plates attached to the wing, although I think some later aircraft may have had fittings built in.

The steel stubs and bases may have been parkerized which would give you any colour from black to light grey depending on the batch.

I'm not making it up as I go along, I'm establishing precedent



 04-19-2010, 10:51 AM

#1176 (permalink)

dhanners 

Join Date: Jul 2007
 Location: Roseville, MN
 Posts: 113



Member

Quote:

Originally Posted by **Bomarc**

Relief tube?! There's no relief tubes in the Corps! The Marines would hold it until they got over the target, then pee on the enemy as a final gesture after bombing them to smithereens.

Actually, I just don't know where the outlet is on a B-25. Could tell you where it is on a P-51.....

Mike

Been on vacation and just now catching up; this build just keeps getting better and better. But I read the thing about the relief tube and had to add an off-topic comment.

Years ago, when I was working in Dallas, I interviewed the former USAF pilot who flew the very first CIA U-2 overflight of Moscow. He told me that when he was over Moscow, he decided to relieve himself, believing that it would be one of the ultimate acts of defiance to piss on the Russian capital. He was quite proud of himself.

Only after he landed did he discover that his waste wasn't dumped overboard, but rather collected in a tank that was emptied after landing. When Kelly Johnson designed the U-2, he didn't add a relief tube because he feared dumping a liquid overboard at those altitudes would create ice crystals that would reflect sunlight and give away the spyplane's position.



04-19-2010, 04:48 PM

#1177 (permalink)

kenwest

Member

 Join Date: Jun 2008
 Location: Lake Orion, MI
 Posts: 448

Mike,

I see the amazing build continues! Your build inspires us all and gives us the possibilities to aspire to!

Ken



04-19-2010, 07:57 PM

#1178 (permalink)


Bomarc

Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Thanks Ken. The good news is this thread will finally have a direction. No more rudderless drifting here, 'cause there be rudders on this beast!


Took a lot to whip them into shape. The slots for the hinges were off quite a bit, and I had to cut and add material as required to get a smooth profile of fin to rudder:



This image has been resized. Click this bar to view the full image. The original image is sized 1023x756 and weights 93KB.




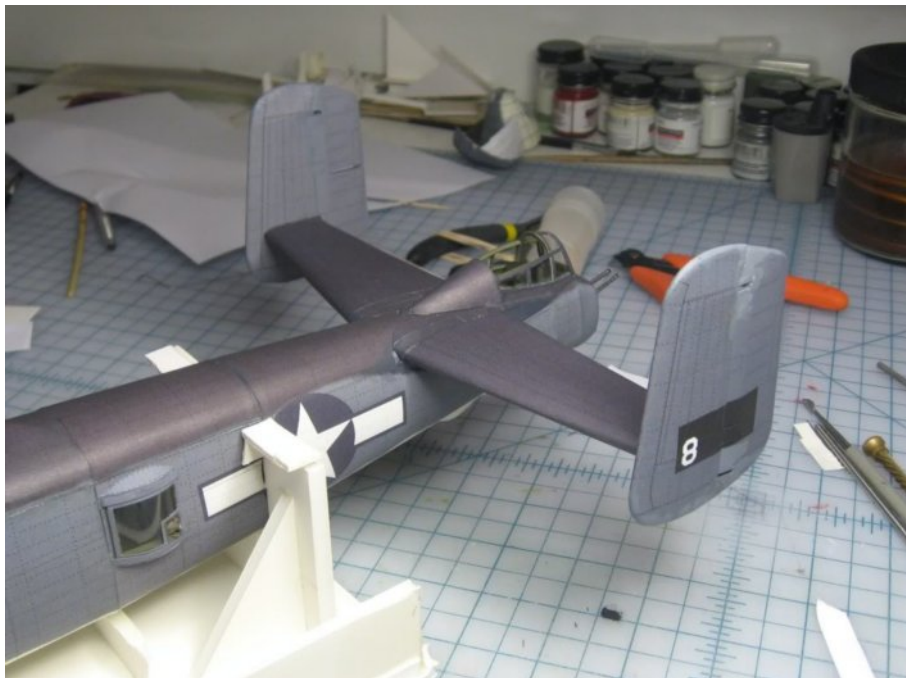
Looks like a mess, I know. Lots of CA glue (stuff's starting to really come into it's own lately), with judicious sanding gets the job mostly done. Also added the trim tab push rod tubes, which Orlik didn't include (but they *did* include them on the elevators, go figure):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728 and weights 81KB.




Painted up, and the profile is consistent top and bottom:

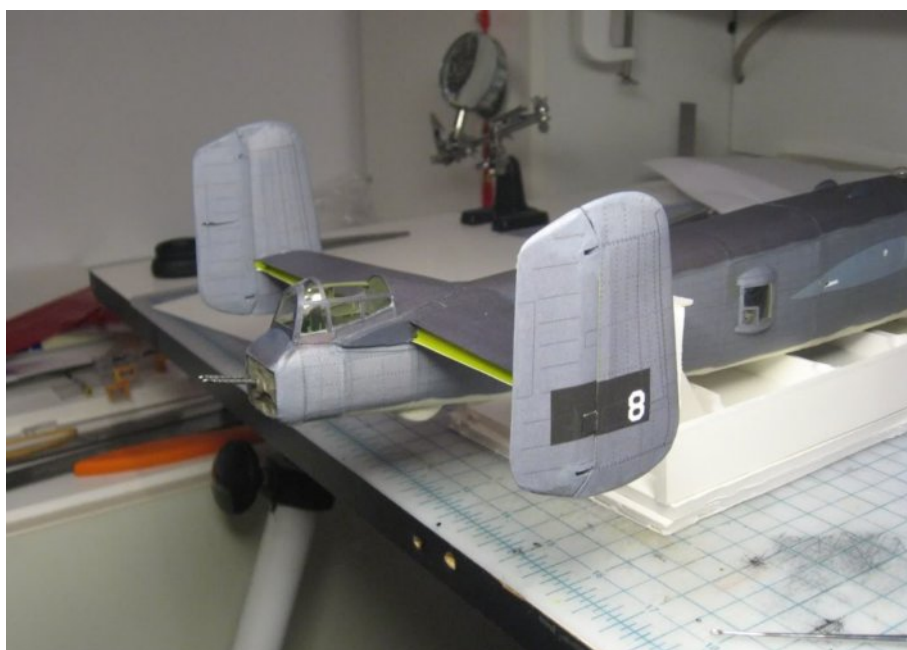
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x760 and weights 95KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x795 and weights 101KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x726 and weights 76KB.




Trim tab push rod in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x747 and weights 78KB.



Can't resist one "cheesecake" shot:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x653 and weights 75KB.



The flash really highlights the painted portions, which could be problematic. The PBJ's on Kwajalein were pretty patched work in there paint shemes, so that could work in my favor, we'll see.....🤔

Elevators next.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-19-2010, 08:15 PM

#1179 (permlink)

cmdr199212 
Member

Join Date: Jul 2008
Posts: 206

If you painted the odd panel it might accentuate that look. Its one of my probs when I get to weathering, cuz so many of these planes have dozens of panels that are a different color!



04-19-2010, 09:59 PM

#1180 (permlink)



Willja67 
Member

Join Date: Jul 2007
Posts: 687

Quote:

Originally Posted by **shrike** 

They were a pretty much universal set of stubs that could be fitted to any aircraft

Mk5 Mod 0 rail suitable for all aircraft : Stubs 7.0 inches long, 3.5 inch chord - material steel

Mk5 Mod 1 rail suitable for all aircraft : Stubs fwd 6.1 inches long, 4.3 inch chord, aft 6.0 inches long, 4.4 inch chord - material alum.

[Refs and more here](#)

Thanks Mark that was very helpful.

Sorry for the hijack.

Finally finished Designing: [XP-67 Moonbat](#)

My models available for sale @ [Gremir](#) and [Ecardmodels](#)



Paper Modelers

Paper beats Rock Everytime

[Home](#)
[Forum](#)
[Articles](#)
[Gallery](#)
[Downloads](#)
[Links](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?
 Password

[Register](#)
[FAQ](#)
[Community](#)
[Calendar](#)
[Today's Posts](#)
[Search](#)

Post Reply

Page 119 of 126 << First < 19 69 109 117 118 **119** 120 121 > Last >>

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-20-2010, 08:17 AM

#1181 (permalink)



Don Boose
Member

Join Date: Jul 2007
 Location: Carlisle, Pennsylvania
 Posts: 4,700

How beautiful with engines.
 (With apologies to Wilbur Daniel Steele.)

Quote

04-20-2010, 09:17 AM

#1182 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by **Don Boose**
How beautiful with engines.

Nice literary [reference](#) Colonel, thanks!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Quote

04-20-2010, 10:44 AM

#1183 (permalink)

Wily
Member

Join Date: May 2009
 Posts: 266

[pulls Mind Control Device out of box, sets it on desk, plugs it in, turns it on, enters message...]

*****wily needs this airplane. Must give this to wily. wily is a good and honorable man. He will treasure this B-25 and giving it to him will give bomarc a profound sense of bliss*****

And with that, I tape the button down on my Mind Control Transmitter and set it to "auto-repeat".

There. That should do it!



wily
 "I interview WW2 pilots and draw their airplanes."
 My website: www.johnmollison.com
 My blog: www.ww2fighters.blogspot.com

Quote

04-20-2010, 02:08 PM

#1184 (permalink)

Don Boose
Member

Join Date: Jul 2007
 Location: Carlisle, Pennsylvania
 Posts: 4,700



I think I read this in the *Lord of the Ring*. "Gollum wants Gull . . . "



04-20-2010, 04:13 PM

#1185 (permlink)

cmdr199212

Member

Join Date: Jul 2008

Posts: 206

LOL! My Precious!



04-20-2010, 08:31 PM

#1186 (permlink)



Bomarc

Member


Join Date: Jul 2007

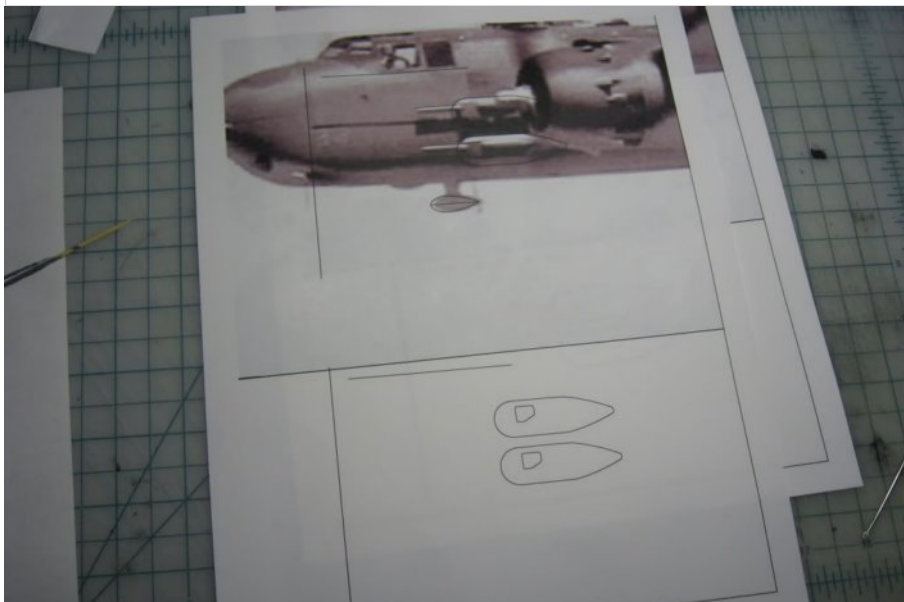
Location: Burke, Virginia

Posts: 778


It's strange, but all afternoon I've had this urge to give away all my earthly possessions and join a commune.....but it's gone now!

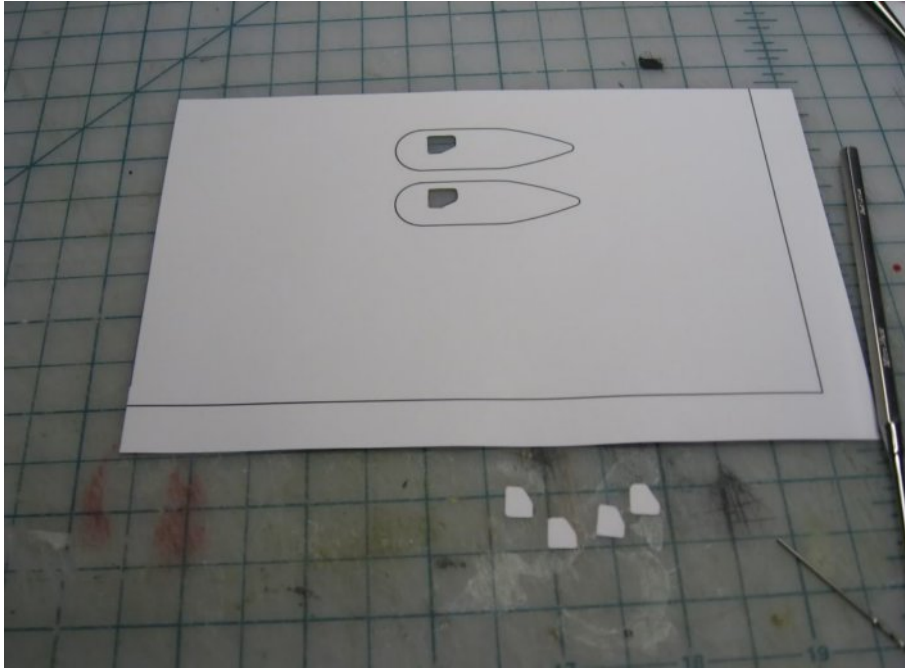
Took a detour from the elevators a bit tonight to try something. Seeing the last pic I posted last night made me think about the patch work nature of the PBJ's at Kwajalein, and I thought I'd try to capitalize on it a bit with some deliberate patching (vice the "cover up the mistakes" variety I've been doing up to this point). Most notable was the area where the side gun packs used to be, being removed by the Marines on the Island. Worked up a template of the packs shape and general location:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x675 and weights 55KB.




There were two plates added on each side to cover up the gun belt pass thru's to the gun packs:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x751 and weights 60KB.




Shaped them a little to bow them out to simulate being deformed from being riveted on:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x699 and weights 72KB.




The template helped to locate them on the sides:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x668 and weights 64KB.




Then, with the actual pack shape cut out, daubed Model Master Intermediate Blue straight from the bottle (no mixing to match this time) using a stubby brush I've had (bristles cut down to almost nothing):


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x673 and weights 66KB.

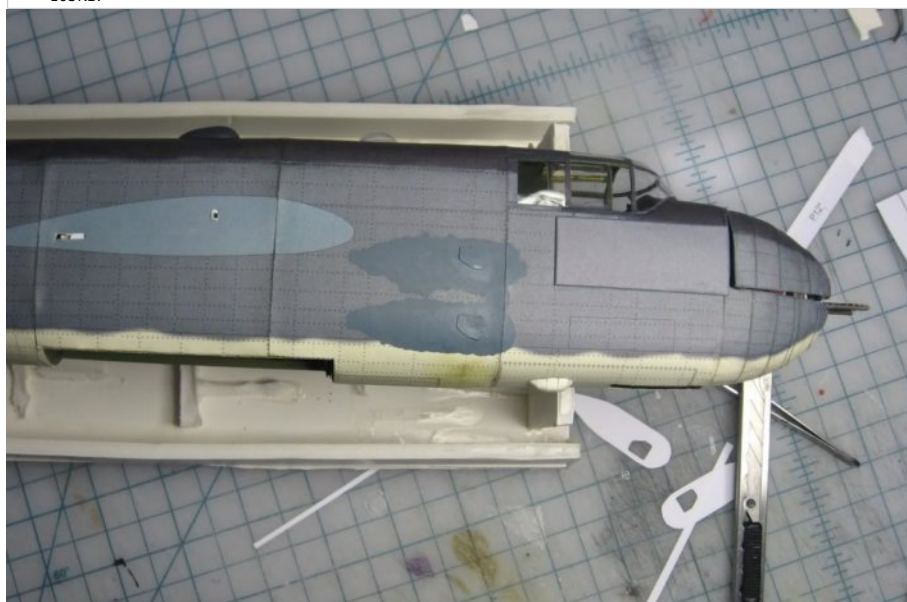


Instant phantom gun packs:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x689 and weights 89KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x675 and weights 103KB.



The real deal for comparison:



Now I can work on the elevators, after I pack some thing to give to Goodwill tomorrow.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Last edited by Bomarc; 04-20-2010 at 08:45 PM.



04-20-2010, 11:54 PM



flying rasta
Member

#1187 ([permalink](#))

Join Date: Aug 2009
Posts: 246

Now look what ya did!...all I did was to check in on the model and wham!...my skin turned green! (Envy with admiration for this project)..now I gotta go get meds to deal with problem..

So mike...what's the next project? Did we choose based on the wise counsel of the board?..keep it going..thanks for my fix...back to regular programming.

Cool breeze..one love.

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



04-21-2010, 01:45 AM



pahorace
Member

#1188 ([permalink](#))

Join Date: Apr 2008
Location: Italy (Sicily)
Posts: 386

Bravo Mike!
You're pushing the limits of reality.
This means: a lot of research and great passion for modeling.
I am very attracted to this type of modeling.

Orazio



04-21-2010, 05:20 AM


Bomarc
Member

#1189 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778




Quote:

Originally Posted by **flying rasta** 
...what's the next project? Did we choose based on the wise counsel of the board?..

The chairman of the board (SWMBO) will probably have input on the "when", so I'll decide on the "what" after that gets ironed out. I will say that something is looming on the horizon....

Quote:

Originally Posted by **pahorace** 
*....a lot of research.....
I am very attracted to this type of modeling.*

Make's it far more interesting, doesn't it Orazio? 

Found a right side photo of a PBJ from the VMB-613 site:

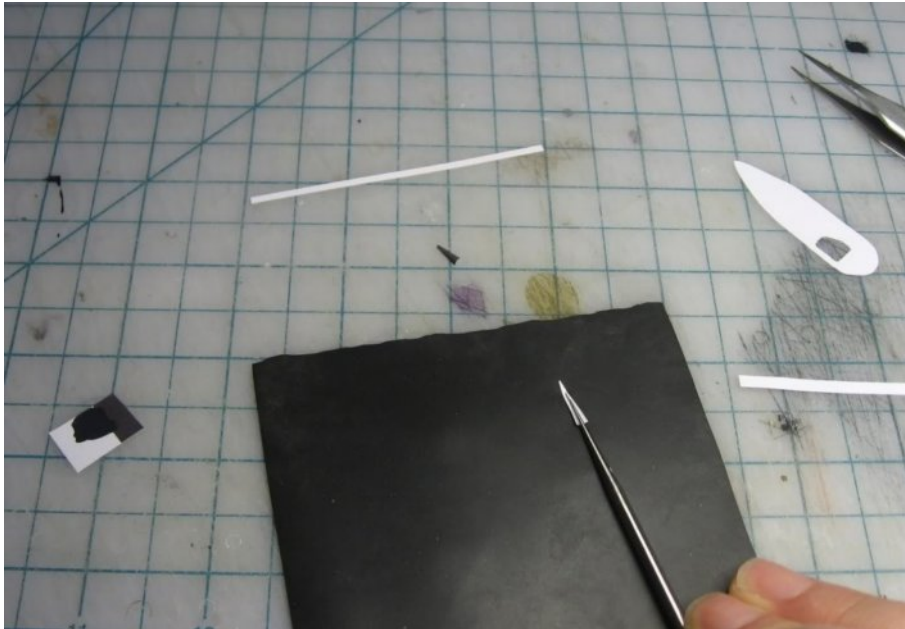


Shows the patches for the gun packs well, but also that there was no armor plate on that side as I suspected. Oh well, thanks Orlik!


Elevators went easy. They actually fit as advertised, no tailoring required. As I mentioned, the trim tab push rod tubes were supplied in the kit, but Orlik decided to print them in the lighter blue color, so were useless. I just took some dark blue material and made my own (using Mark's "Mini Styck"):




This image has been resized. Click this bar to view the full image. The original image is sized 1023x708 and weights 84KB.




The control yoke in the cockpit was also positioned slightly back, so the elevator are "up" a tad (continuity! Again!). Some views:

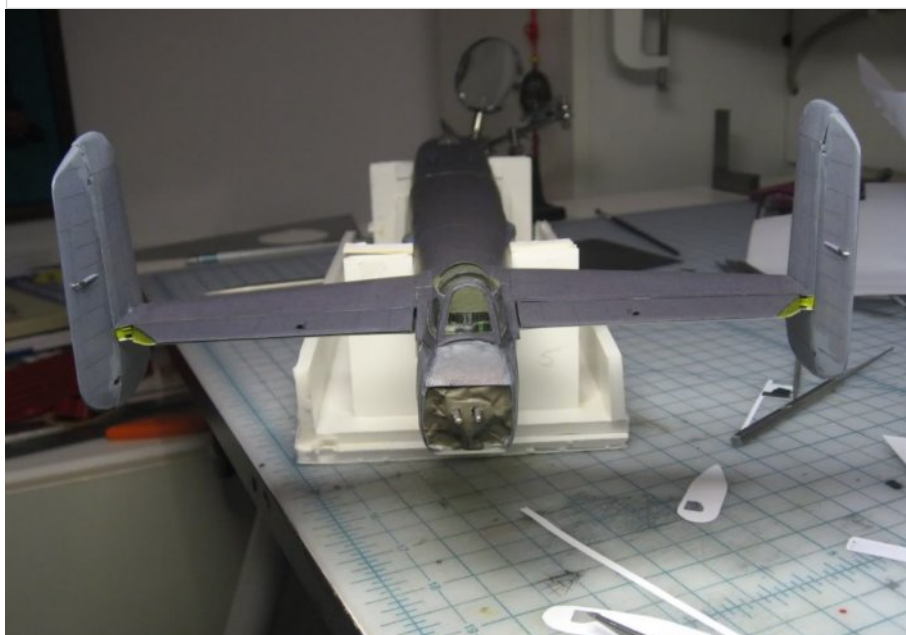
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x646 and weights 80KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683 and weights 85KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713 and weights 77KB.

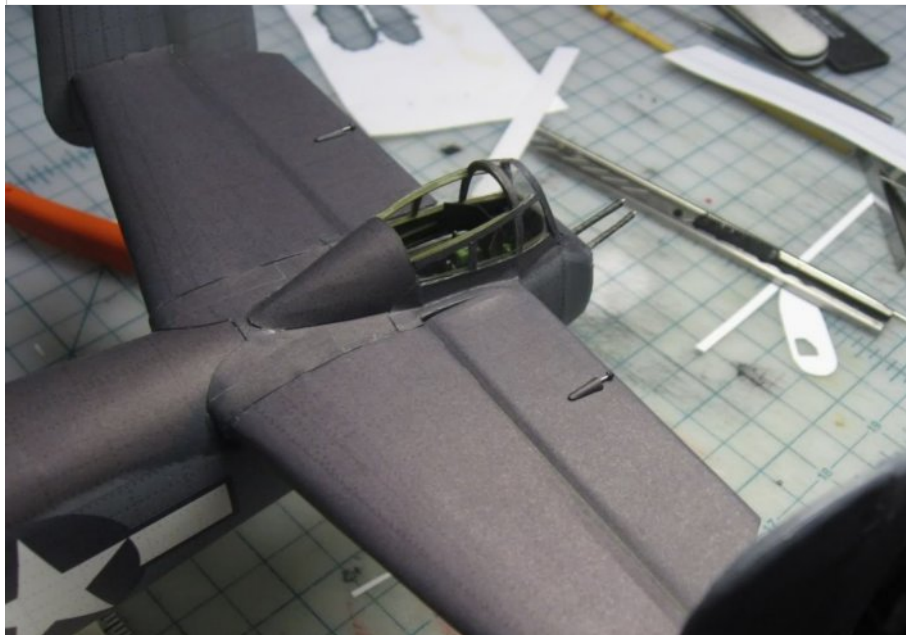


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734 and weights 83KB.



Added the tab push rods after the elevators set:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x713 and weights 80KB.



It's down to a couple/few more housekeeping items, then it major assembly time. Speeding up here at the end.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



 04-21-2010, 06:01 AM




peter taft
Member

[#1190 \(permalink\)](#)

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

And now the end is near, and so we face the final detail.. my friends we'll see it clear, what Mike's done here is so truly real.. he planned each part he made, each rivet placed with awesome feel.. but more, much more than this, he did it his way. For what is a thread, what has it got, if no pictures to see then it has not, to show the plane with so much fame - Mike gave us a thrill we all did gain, we come here each day to get a fix.. Mike built it his way 😊

You had everything else said Mike - but a re-worked " My way " is a first {the words do fit, so feel free to sing your heart out " 

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules 

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:36 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 120 of 126 << First < 20 70 110 118 119 **120** 121 122 > Last >>
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-21-2010, 06:21 AM

#1191 (permalink)


Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by [peter taft](#)
You had everything else said Mike - but a re-worked " My way " is a first {the words do fit, so feel free to sing your heart out "

Impressive Peter, but if it's all the same, I'll just hum along. I wouldn't want to put anyone here through the misery of me of trying to belt that one out. Would not be pretty.....

Thank you my friend. I take it your modeling a Grumman Cat these days?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)

Quote

04-21-2010, 06:47 AM

#1192 (permalink)


peter taft
Member

 Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,487

Quote:

Originally Posted by [Bomarc](#)
Impressive Peter, but if it's all the same, I'll just hum along. I wouldn't want to put anyone here through the misery of me of trying to belt that one out. Would not be pretty.....

Thank you my friend. I take it your modeling a Grumman Cat these days?

Mike

Hi Mike... I love the song {the real version} sung by Frank - tis one that i truly feel a certain affinity with, and your model deserves a GREAT song - SO SING LOUD my friend... give 'em ear bashing Yep making the TC for the good lady wife, then on to Gary's wonderful Mossy.

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX

Quote

04-21-2010, 09:48 AM

#1193 (permalink)

Ron40
Member

 Join Date: Apr 2010
 Posts: 43

Mike,

I know you have a lot on your plate at the moment but would you consider doing a Beta build on a B-17G? It is an aluminum colored late model that was attached to the 379th BG which was a highly decorated Squadron. I want to produce it in 1/48th scale and 1/33rd scale. Billy has agreed to do his metal magic on it at 1/33rd scale and I would love to see what you could do with your legendary skills. I'm also looking for someone to

do it in 1/48th scale. I'm attaching a rather grainy combat photo of it. If you are interested let me know.
Best Regards, Ron

Attached Images

 [combat photo gallery8_2_htm_txt_Osprey_best.gif](#) (78.8 KB, 29 views)



04-21-2010, 10:03 AM



Bomarc
Member

#1194 (permlink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Hi Ron

Nice subject and a great project of one of my the perennial favorites! Billy will no doubt bring out the best in your model.

PM inbound.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-21-2010, 11:15 AM



flying rasta
Member

#1195 (permlink)

Join Date: Aug 2009
Posts: 246

ok ok ok...so its either that damn mosquito or B-17?? ok then...great...

P.S. pete...damn good song to tell the mood of the model / modellers here..

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??



04-21-2010, 04:29 PM



Bomarc
Member

#1196 (permlink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

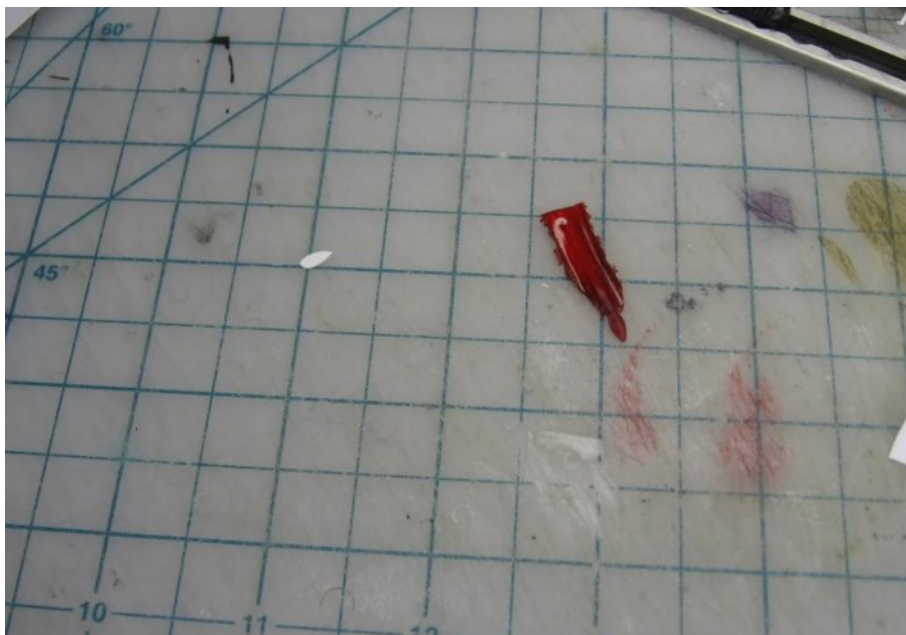
Well, don't hold your breath for either one, Rasta.....

OK, here's a quick tute!. It's been bugging me for awhile, so I finally banged this out in 30 minutes.


Took a chunk of clear red prescription bottle plastic (anyone who gets their prescriptions from Target knows what I mean), and shaped it to a teardrop shape. Cut some card to the corresponding size and shape:

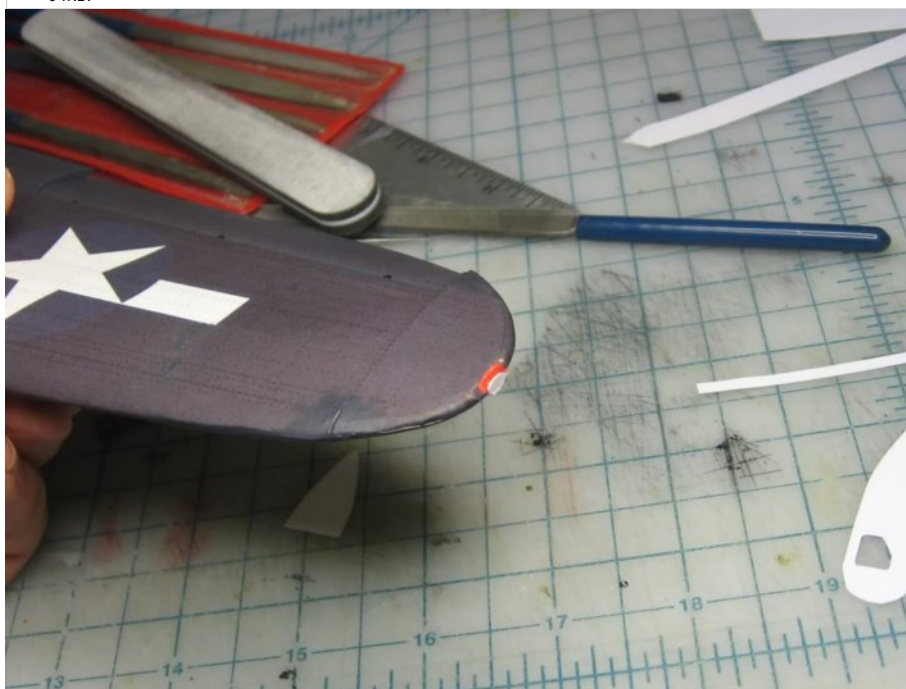


This image has been resized. Click this bar to view the full image. The original image is sized 1024x709 and weights 83KB.




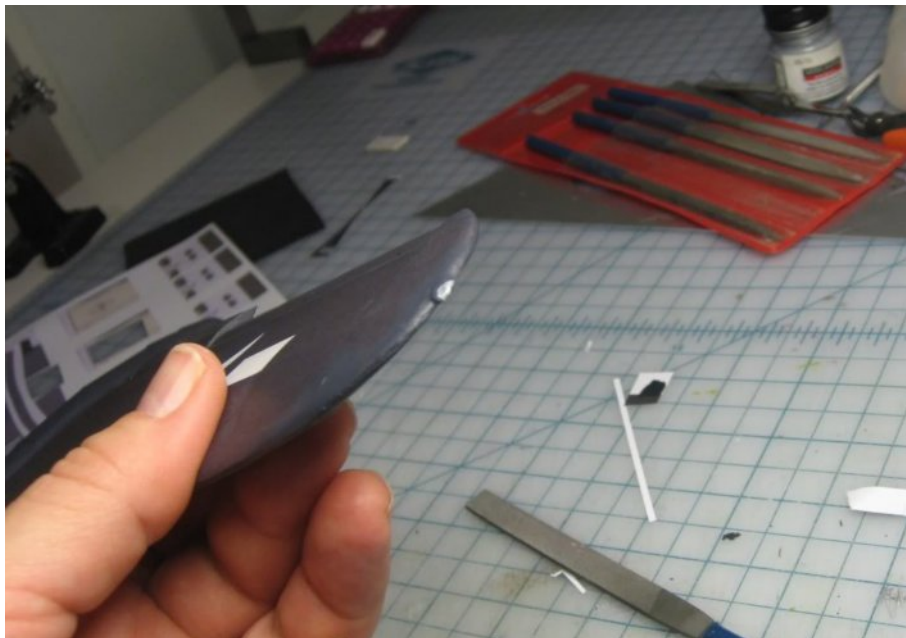
Glued the card piece to the tip of the Left wingtip:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x770 and weights 94KB.




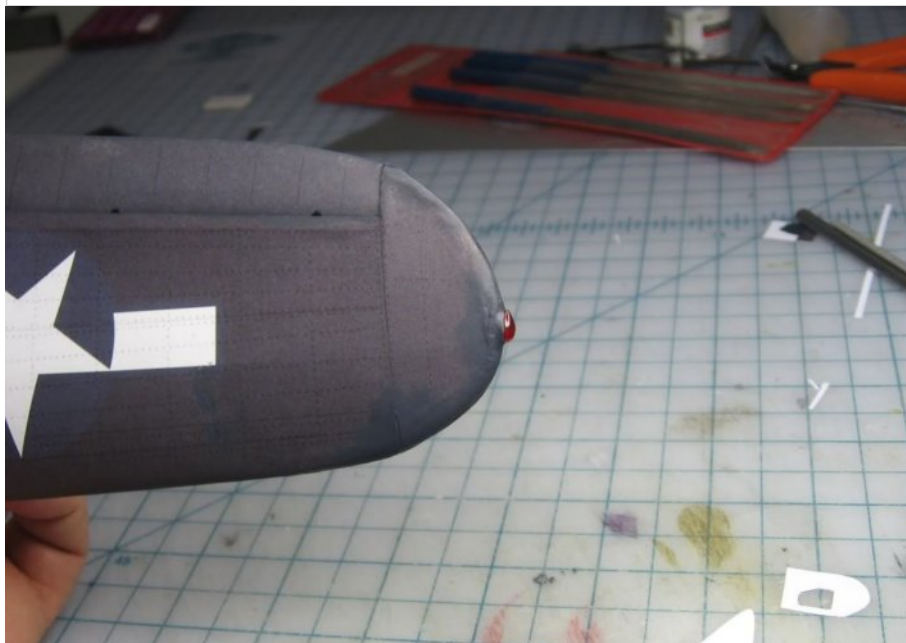
Filled and flared it in with CA glue, then painted it, with the flat part in silver:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x715 and weights 69KB.

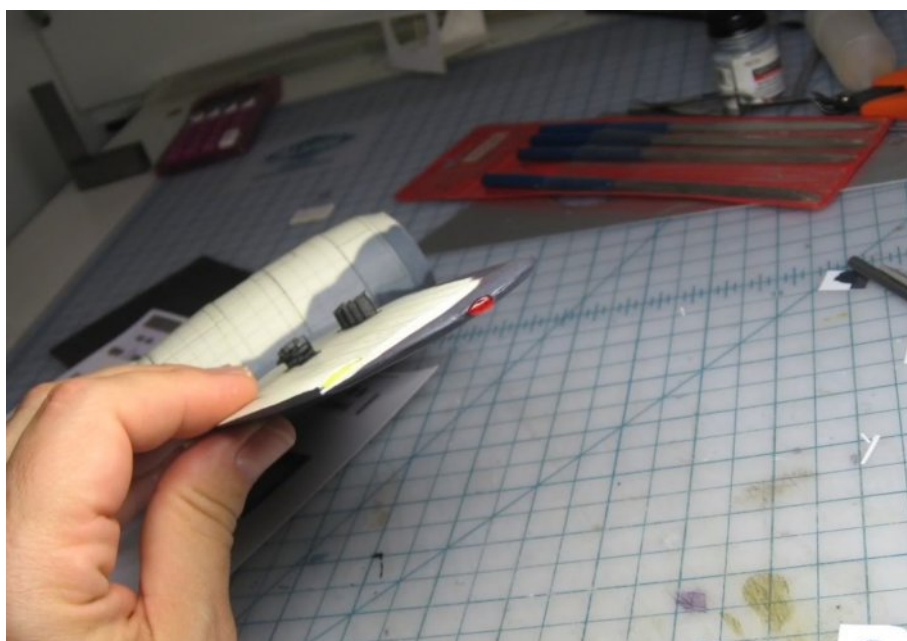


Glued the teardrop on with CA. Normally I'd polish this up first, but the plastic's soft, so I just coated with future, and viola! A more better navigation light:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x722 and weights 70KB.

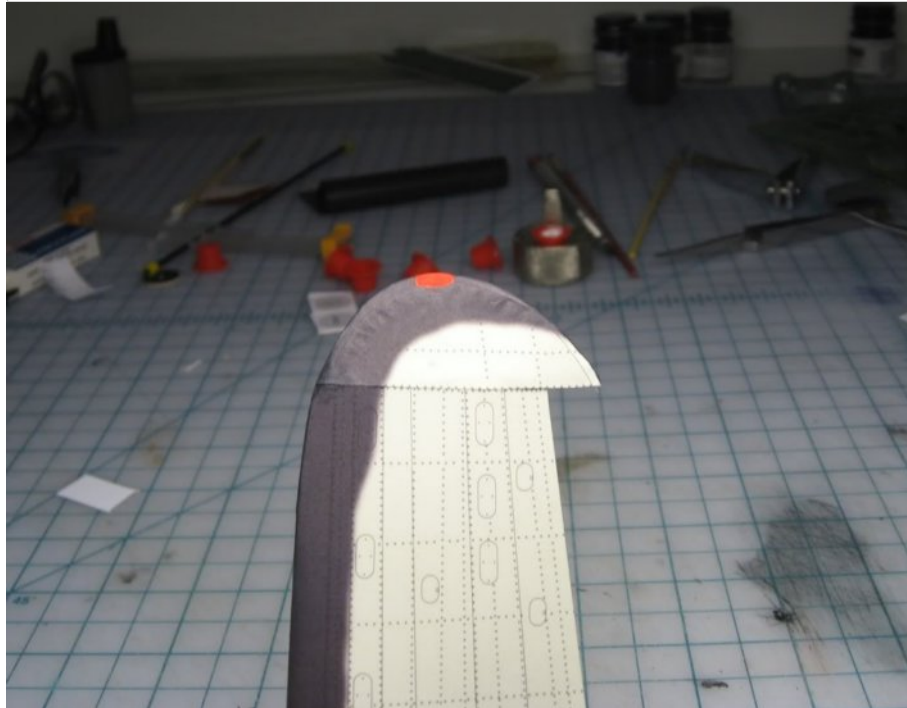



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x713 and weights 71KB.

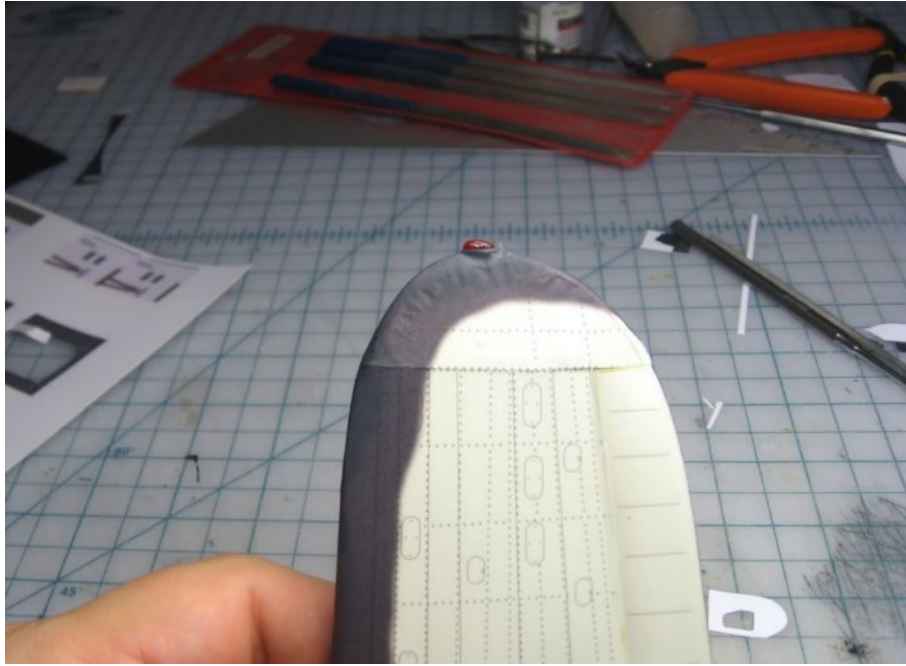


Before and after (I had to dredge up the before shot deep in the depths of my Photobucket account):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x798 and weights 68KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x746 and weights 75KB.



It's the little things.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-21-2010, 04:55 PM

#1197 ([permalink](#))

kenwest
Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 448

That nav light looks awesome! You are right; it is the "little" things.... and there are plenty of them on this build. I give you a lot of credit for maintaining the will to micro-detail this out to the end. If it were me, I would have rushed it to completion by now!

Ken



04-21-2010, 09:57 PM

#1198 ([permalink](#))



flying rasta
Member

Join Date: Aug 2009
Posts: 246

stop it mike...why did you have to go and shrink the actual nav lights from a small aircraft and use it?...looks THAT good
to buy...or not to buy...damn you MAREK....damn you!!....ummm...can you make one more 1:50??



04-22-2010, 04:06 AM

#1199 ([permalink](#))



legion
Member

Join Date: Jun 2009
Posts: 248

If he really went the distance, it would be a LED. But then the Mitchell would need working engines and controls...

print, cut, score, fold, glue, gloat.

www.n15.nl Total Annihilation paper models.

Current wip: [Heinkel He100 D-1](#) [Airbus A340-300](#)



04-22-2010, 05:04 AM

#1200 ([permalink](#))

**Bomarc**
MemberJoin Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **kenlwest**
I give you a lot of credit for maintaining the will to micro-detail this out to the end.

Thanks Ken. A consistent build is what makes a good model in my book. I set (condemned?) myself to this path when I made those engines.

I shouldn't have started with the engines...🙄

Quote:

Originally Posted by **legion**
If he really went the distance, it would be a LED. But then the Mitchell would need working engines and controls...

Check this website:

[Dynamic Scale Modeling](#)

Be sure to check ALL the video links. Pretty amazing stuff.

Ken, I cherry picked this link from the site just for you (don't get spooked, the link will open a media player window to run it):

<http://www.dynamicscalemodeling.com/images/connie0.wmv>

Here's one for you Mr. Taft:

<http://www.dynamicscalemodeling.com/...start-stop.wmv>

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

Last edited by Bomarc; 04-22-2010 at 05:23 AM.

Page 120 of 126 << First < 20 70 110 118 119 **120** 121 122 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:37 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

PaperModelers.com > Card Models > Model Builds > Aviation

Orlik PBJ-1H Mitchell

User Name Remember Me?

Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 121 of 126 << First < 21 71 111 119 120 **121** 122 123 > Last >>

LinkBack Thread Tools Display Modes

04-22-2010, 08:10 AM

#1201 (permalink)

jmueller

Member

Join Date: Jul 2007
Posts: 19

Hi Mike,

I can really recommend the Dynamic scale guy. I used one of his sets in my Corsair (its actually my GPM corsair shown on his website). He customfitted the electronics to mach the large 1:33 propeller. Amazing effect.

Cheers

Jan

Quote

04-22-2010, 08:29 AM

#1202 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

This is yours?!!

<http://www.dynamicscalemodeling.com/images/Corsair.wmv>

Jan, that's really *freaking amazing*!! Very well done.

I've been following that guy's website for years, and he's really expanded his operation, now to even include jets. Not as dramatic as props but still cool. I've been tempted to buy one of his set-ups, but one thing leads to another, then that other thing happens, etc etc.....someday.

Would've been neat to hook up the PBJ though, eh?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)

Quote

04-22-2010, 08:43 AM

#1203 (permalink)



KCStephens

Member

Join Date: Dec 2007
Location: York, PA
Posts: 597

Wow, Mike, that's some great stuff over at dynamicscale...too bad your so far into your build (or are you?....) to add some eletronic features to the 'ol 8-ball. If not, I completely understand...but we can always keep the faith for next time.

Kevin Stephens

Quote

04-22-2010, 08:53 AM

#1204 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Yeah Kevin, the PBJ is miles past the point of no return for stuff like that. I'm afraid it's *static* scale for ol' "8-Ball".....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-22-2010, 10:52 AM

#1205 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Quote:

Originally Posted by **Bomarc**
Yeah Kevin, the PBJ is miles past the point of no return for stuff like that. I'm afraid it's static scale for ol' "8-Ball".....
Mike

Mike, thanks for the Mossy link and the rest... WAY cool 😊 **Your** model shouts loud enough in STATIC mode, but you're SURE to want to try and get some SOUNDS and MOTION and maybe a TWINKLE of LIGHT here and there in your next MASTER CLASS 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



04-22-2010, 06:48 PM

#1206 (permalink)



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 801

Doolittle Raid - 68th Reunion

EAA site coverage here:

[EAA News - 68th Doolittle Raiders Reunion](#)

+Gil



04-23-2010, 04:38 AM

#1207 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Thanks Gil. That was a big event. This gentleman posted pics he took of it on the Hyperscale forum:

[Plane Talking - HyperScale's Aircraft Scale Model Discussion Forum: Finis to Doolittle Commemorative \(pix\)](#)

17 B-25's in the air all at once (one more than the Doolittle raid I believe). A sight to behold!

Big update later this morning, a major milestone reached!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-23-2010, 07:59 AM

#1208 (permalink)




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


On a wing and a prayer.....

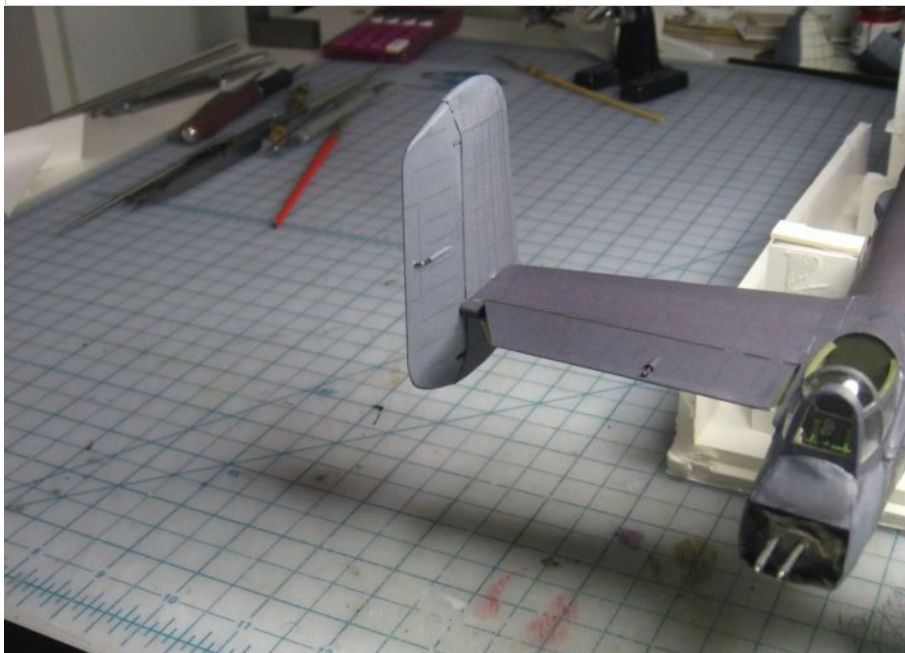
So last night was the big event, the joining of wings to fuselage. Some last minute items to take care of first. The nav light was one, and you've already seen that. Also needed to finish off the ends of the elevators:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x776 and weights 78KB.




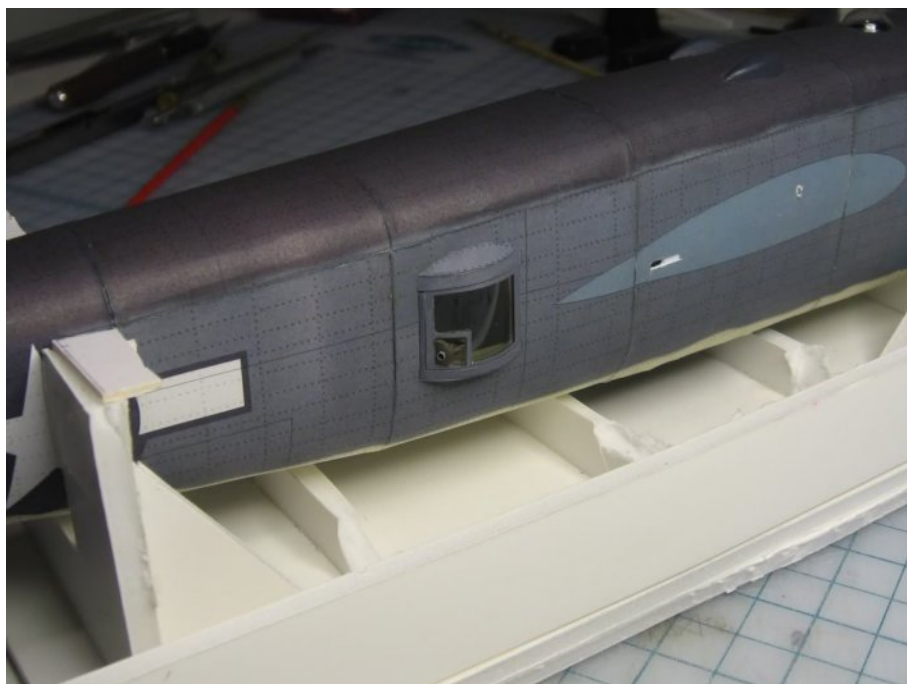
The Orlik parts were the wrong color (again!), so I made my own:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x732 and weights 92KB.




The side blisters needed some closure on their sides all around:

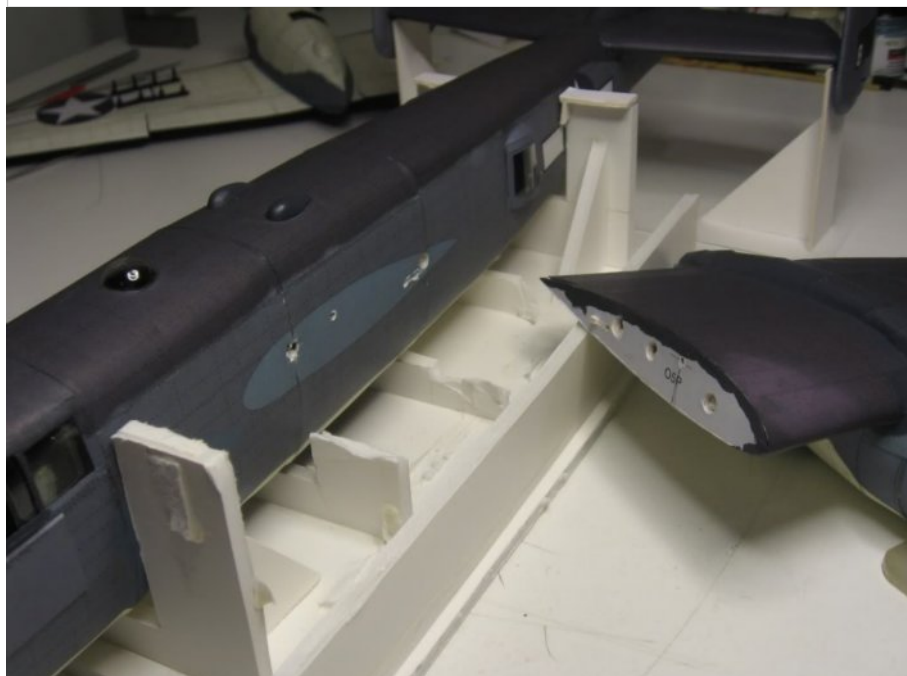
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x766 and weights 79KB.




Also tried to subdue the (ahem) "moss" growing on the side in that one area shown above.

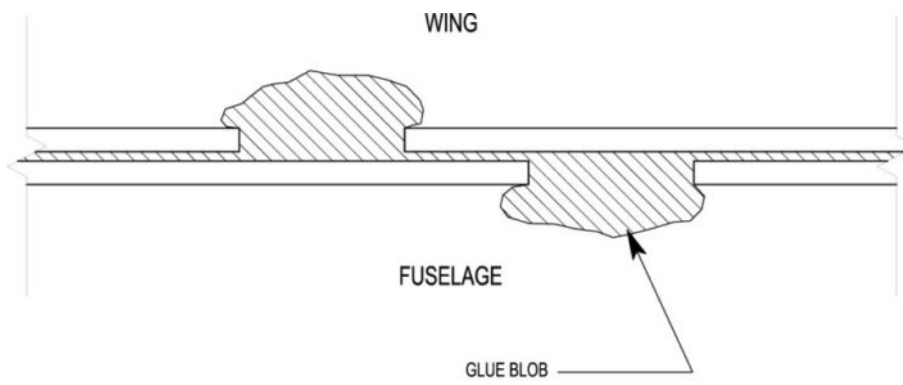
So the moment of truth had arrived. Made some stands for the wings, and added more jigs to the base "dry dock". Also prepped the wing join areas by punching a few holes:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x758 and weights 57KB.




I also punched a couple of holes in the fuselage at the points where a former runs behind the skin. The hope is that the glue will create a "rivet" in the joint, like this:

 This image has been resized. Click this bar to view the full image. The original image is sized 874x353 and weights 31KB.




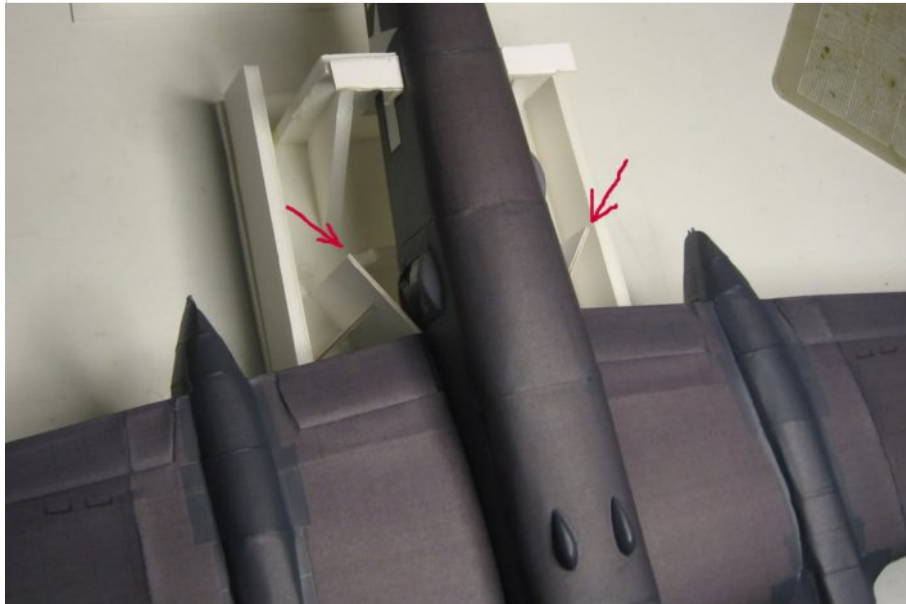
At least that's what I'm hoping will be going on in there. Did a dry run with everything in place:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x695 and weights 61KB.



These two angle pieces (arrows) will set the trailing edges to the same height:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x676 and weights 63KB.



Cleared for launch. My weapon of choice for gluing:

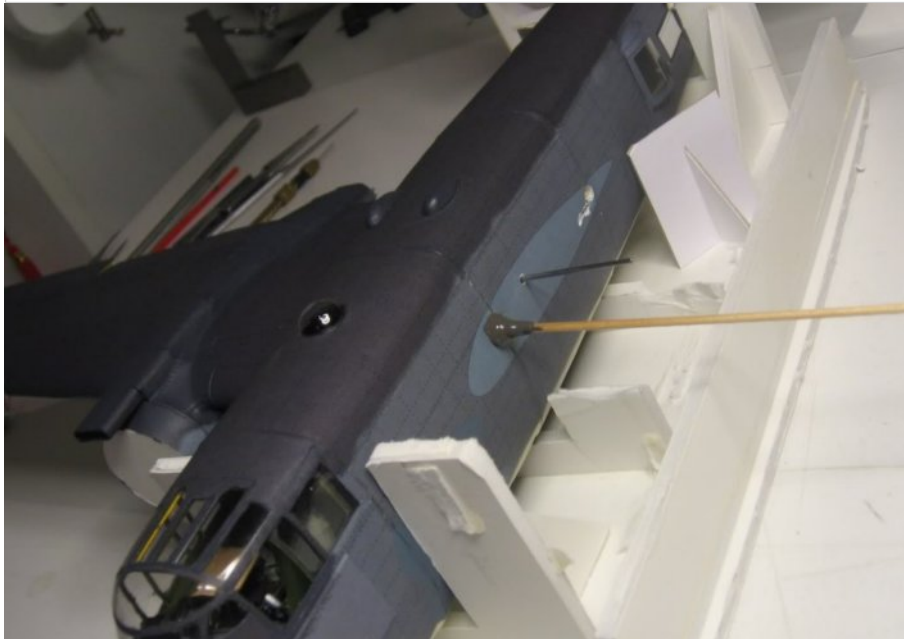
This image has been resized. Click this bar to view the full image. The original image is sized 1023x700 and weights

65KB.



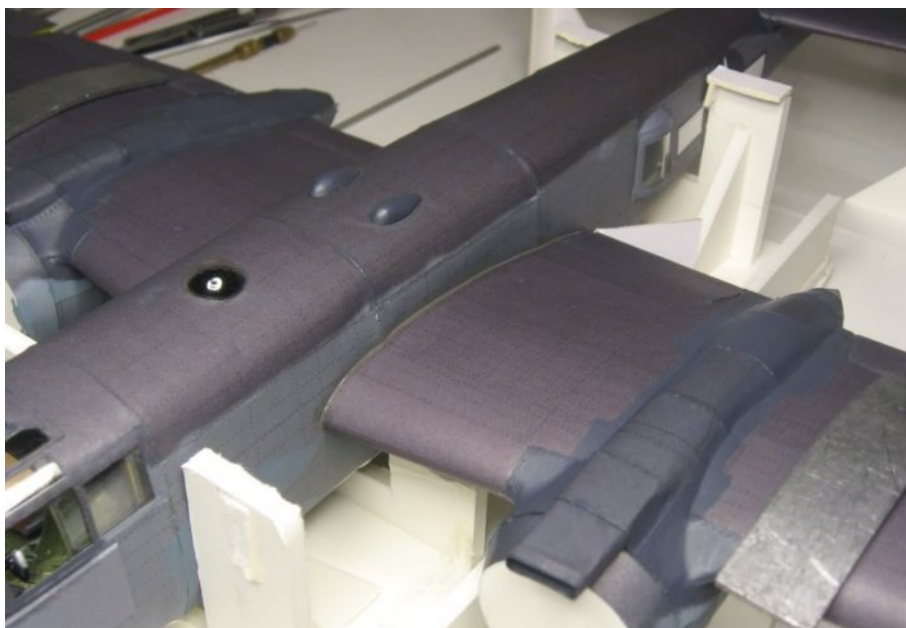
This is the slow setting stuff, so should give me plenty of time to get things in position. Mixed up a batch and attached the first wing. Then mixed up another batch, and started attaching the other wing. Made enough in each batch to blob a good amount in all the holes:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x719 and weights 54KB.




Then smeared a layer on the wing's end, on it goes. Using cotton swabs to mop up the "ooze", the epoxy makes a nice fillet:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x703 and weights 73KB.




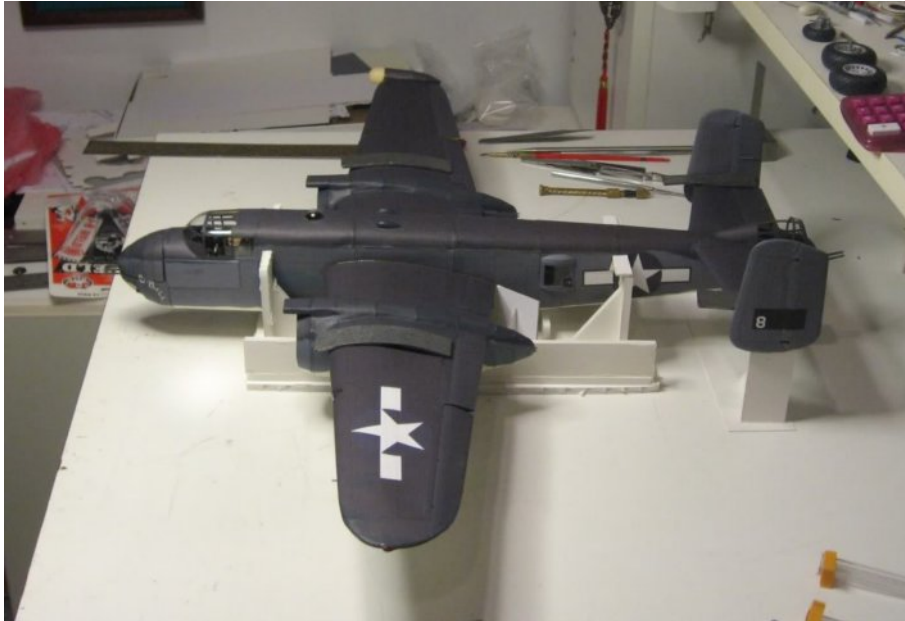
The resultant mess:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716 and weights 83KB.



With everything set in place, it's time to wait:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699 and weights 69KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x638 and weights 89KB.




The epoxy takes 6 hours to harden so overnight will be enough.

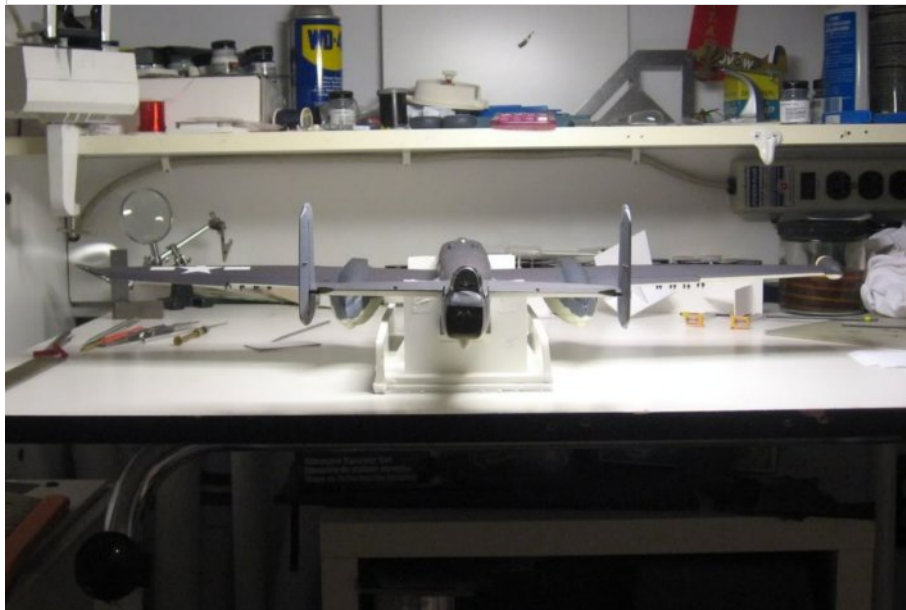
This morning:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x739 and weights 126KB.



Pretty stiff. I could swat fly balls with that wing. Here's the rear view, which I couldn't take last night:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x683 and weights 83KB.



Next to last big campaign is to apply the mat coat. Light's getting pretty bright at the end of that tunnel, no?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



 04-23-2010, 03:07 PM

[cmdr199212](#) 

Member

#1209 ([permalink](#))

Join Date: Jul 2008
Posts: 206

It almost **doesn't** seem like it doesn't have enough crank in the wings. But, not ur fault. It looks absolutely spectacular!!



 04-24-2010, 07:47 AM

#1210 ([permalink](#))




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Quote:

Originally Posted by **cmdr199212** 
*It almost *doesn't* seem like it doesn't have enough crank in the wings.*


I don't know Barry, Orlik did work it into the wings. It's subtle though. Some shots out of the dry dock:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x744 and weights 83KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1022x301 and weights 49KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1021x288 and weights 86KB.



The aft view seems more "gull" like. There was a discussion on another model forum recently that talked about accuracy and scale and the point was made that in the smaller scales, some details or feature sometimes needs to be exaggerated in order to capture the look of the original, even if that isn't "accurate" in terms of the scale numbers. I think there's some validity to that, another example of the "art" component of scale modeling I suppose, if one is to believe there's an art to all this (your mileage may vary, as I'm often fond of saying).

Maybe the wing was an area where Orlik needed to "crank" it to eleven (Ha! Get it? Crank! Oh, I crack myself up....).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Page 121 of 126 << First < 21 71 111 119 120 **121** 122 123 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:38 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?

Password

[Register](#)

[FAQ](#)

[Community](#)

[Calendar](#)

[Today's Posts](#)

[Search](#)

[Post Reply](#)

Page 122 of 126 [« First](#) [<](#) [22](#) [72](#) [112](#) [120](#) [121](#) **122** [123](#) [124](#) [>](#) [Last »](#)

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-24-2010, 09:36 AM

#1211 (permalink)




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Eye candy....

Well, she can finally stand on her own (three) legs:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x701 and weights 65KB.




Good for her! About time. I realized I still have quite of bit of handling of the model ahead as I fit the remaining bits and pieces to the whole, so I'm going to do the mat clear coat as close to the bitter end as I can. So for now it's setting the LG in place to check for alignment and height. I think I'm keeping it right where it stands:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x617 and weights 72KB.




Pretty straight and level considering. Run your eye from strut to vertical fin (the wheels are sloppy on the axle, hence the "toe-in"). Looks like I added just enough weight in the nose too. She's right at the tipping point:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x702 and weights 64KB.



And some wag thought it would crash through the table! The engines push the C/G solidly to the front so shouldn't need any more (sorry no pics, I'm saving that for the end). A couple more views, enjoy!

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x674 and weights 64KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x762 and weights 62KB.




Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



 04-24-2010, 09:56 AM




cmags
Member

Looking sweet Mike! Keep 'em coming.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)

#1212 (permalink)

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709




 04-24-2010, 10:12 AM

#1213 (permalink)

Join Date: Nov 2007



solo67
Member

Location: hadera israel
Posts: 173

finally she looks like a bird 😊 well worth the wait .fantastic .
are you going to spray the whole thing with mat varnish ? 1.why? 2.with what? and what is that blueish paint on the sides? i didnt get that.

Moshe O

Current Build: [IAF B-17 \(1:44\) Repaint](#)



04-24-2010, 10:33 AM



Bomarc
Member

#1214 (permlink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:


Originally Posted by **solo67**
are you going to spray the whole thing with mat varnish ? 1.why?

There's so many different paints and glue sheen's (in addition to the kit's printed paper itself) on this model that I want to try to even things out (hopefully) with a mat coat.

Quote:

Originally Posted by **solo67**
2.with what?

This stuff:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x778 and weights 83KB.



I've had pretty good success with this stuff so far. I'm working up a test sheet with left over kit parts to give me some data points to determine if I'm heading for disaster.

Quote:

Originally Posted by **solo67**
and what is that blueish paint on the sides? i didnt get that.

<http://www.papermodelers.com/forum/116937-post1186.html>

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-24-2010, 11:13 AM

#1215 (permalink)



peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,487

Mike... She's as coooooooool as you like - Superb my friend, and i very much look forward to those well posed shots of her in all her glory 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



04-24-2010, 12:42 PM

#1216 (permalink)

cmdr199212
Member

Join Date: Jul 2008
Posts: 206

Looks great mike!!



04-24-2010, 12:58 PM

#1217 (permalink)

Pavel
Member

Join Date: May 2009
Posts: 4

Эта модель великолепна, у меня просто нет слов, чтобы выразить все эмоции. Жду финала, затаив дыхание....

This model is great. I have no words to express all the emotions. Waiting for the final, with bated breath....

Pavel.



04-24-2010, 02:14 PM

#1218 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Pavel! I'm glad you checked in my friend!

I'm also glad your'e enjoying the pics I've posted so far. Yes, I'm on the verge of completion. Maybe I'll post on the Card Army forum just to prove to that guy who said "all I knew how to make were engines" (but I'm not bitter 😊).

Stick around. The finale is almost here.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-24-2010, 03:35 PM

#1219 (permalink)



dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 113

Quote:

Originally Posted by **Bomarc**
Maybe I'll post on the Card Army forum just to prove to that guy who said "all I knew how to make were engines" (but I'm not bitter 😊).
Mike

Somebody actually said that? Jeez. That person wasn't paying attention....



04-24-2010, 03:51 PM

#1220 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by **dhanners**
Somebody actually said that? Jeez. That person wasn't paying attention....

Well, to be fair, I was using Google Translate to read the post, and Russian probably isn't that literal to translate, so no doubt there was some "lost in translation" action in play. I will say, however, that subsequent posts seem to indicate that Google Translate is rather accurate.

No big deal, I just thought it funny. That was back in August of last year, so I suppose that the road ahead seemed miles long to anyone reading my (then) fledgling thread.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Page 122 of 126 << First < 22 72 112 120 121 **122** 123 124 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:39 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO 3.3.2](#)

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

 Post Reply
Page 123 of 126 << First < 23 73 113 121 122 **123** 124 125 > Last >>
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-24-2010, 04:33 PM

#1221 (permalink)

 Pavel

Member

Join Date: May 2009
Posts: 4

I will try to explain. At the forum Card Army, I gave a link to your resource, Bomarc, and in fact one man was surprised and impressed by your work on the engine. (He was one of many, believe me!) at the same time your building was there, and he was just waiting for continue....

That's all he wanted to say

 Quote

04-24-2010, 04:35 PM

#1222 (permalink)



kinshipp

Member

Join Date: Oct 2009
Location: Brooklyn, NY
Posts: 3

Mike- I've been following this amazing thread for months and I'll continue until she's done.

I'm curious. I've seen that Krylon also carries an "archival" version of protective sprays (Gloss and Matte). Is "Preserve It" that stuff? Or did you choose Preserve It over the archival versions?

Ken

 Quote

04-24-2010, 05:28 PM

#1223 (permalink)



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Quote:

Originally Posted by Pavel
at the same time your building was there, and he was just waiting for continue....

That's all he wanted to say

And there we have it. Excellent, thank you for this clarification! I guess Google Translate is indeed lacking when it comes to Russian to English translation.

Well Pavel, my friend, I hope our other friend has been following here, otherwise, I'd be more than happy to post some stuff on Card Army to get him up to speed. I'd hate to disappoint. 😊

Quote:

Originally Posted by kinshipp
I've seen that Krylon also carries an "archival" version of protective sprays (Gloss and Matte). Is "Preserve It" that stuff? Or did you choose Preserve It over the archival versions?

Ken, I wish it was a deliberate decision, but, I'm sad to say, I only chose the "Preserve it" line because that was what my local "Michael's" craft store carried. I've never seen the "archival" stuff, but if I had to bet, I'd say they may be one in the same, or at least similar. I don't know. I do like the "Preserve it" stuff though.

Mike

"Please to continue....."Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

Last edited by Bomarc; 04-24-2010 at 06:24 PM. Reason: I pray you all gyve audyence, And here this mater with revernce, By fygure a morall play; The sumonyng of Everyman called ..



04-24-2010, 10:42 PM

#1224 ([permalink](#))



Tapcho
Member

Join Date: Nov 2009
Location: Vantaa, Finland
Posts: 216

My guess is that 'archival' might have better protection against UV rays and that would protect the model from color changes caused daylight. Maybe worth investigating a bit.



04-25-2010, 12:18 AM

#1225 ([permalink](#))



shrike
Member

Join Date: Jul 2007
Location: Chandler (SE PHX Metro) AZ
Posts: 1,404

For what it's worth, back in my painting days I used all of the Krylon clears indiscriminately (cheap=good*) and I can't tell the difference between any of them after 15 years. I think 'archival' is more a scrapbooking buzzword than a useful characteristic.

* I also used Aqua-net hairspray on pencil work, so what do I know<G>

I'm not making it up as I go along, I'm establishing precedent



04-25-2010, 06:00 AM

#1226 ([permalink](#))



Royaloakmin
Member

Join Date: Oct 2007
Location: Windsor ON
Posts: 479

Mike, be carefull using Preserve it. Spray lightly and from far away. I actually stopped using it, because of the danger of graying. Maybe safer to use good ol' Dullcote...

Fred Bultman



04-25-2010, 06:30 AM

#1227 ([permalink](#))



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 768

Quote:

Originally Posted by **Royaloakmin**
Mike, be carefull using Preserve it. Spray lightly and from far away. I actually stopped using it, because of the danger of graying. Maybe safer to use good ol' Dullcote...

Going from experience, Fred is right. However, if it does go gray on you, hit it with a light coat of gloss until it is gone, then respray the matte.

I think (know) you are conscientious enough to make sure of you tests and techniques before committing any spray to the paper.

Are you going to have an official rollout ceremony?

Ray

Don't squat with yer spurs on.....It's gonna hurt



04-25-2010, 08:12 AM

#1228 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia



Bomarc
Member

Posts: 778

Thanks everyone, excellent advice all!

Quote:

Originally Posted by **Texman**
I think (know) you are conscientious enough to make sure of you tests and techniques before committing any spray to the paper.

Ab-sol-lut-ly Ray! This is a test sheet I worked up from the left over "swatch" material in the kit:



I've painted all the colors and applied all the glues to simulate what this matte (spelled it right this time) coat should encounter. I want to see if there's any weird reactions, and also to see if does blend the sheens like I'm hoping. Spraying the clear coat means masking off all the clear components on the model, a tedious undertaking to say the least. I want to be sure it's worth that effort.

I'll let this test sheet dry a few days while I make the last bits of the model (hatches, doors, etc). Then we'll see.....

Quote:

Originally Posted by **Texman**
Are you going to have an official rollout ceremony?

I would consider it, but the wheels don't roll, would be kinda hard to do. 😊

I was thinking about making that excellent little tug tractor available for free on the avantcard.biz website. Maybe recolor it Navy gray. Would look pretty good, no?

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



04-25-2010, 08:18 AM



cmags
Member

#1229 (permalink)

Join Date: Jan 2009
Location: Marietta, GA
Posts: 709



Quote:

Originally Posted by **Bomarc**

I was thinking about making that excellent little tug tractor available for free on the avantcard.biz website. Maybe recolor it Navy gray. Would look pretty good, no?

Mike

Hah! I knew Mike was just as afraid of this build coming to an end as we all are. 🙄

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)



04-25-2010, 10:54 AM



Don Boose
Member

#1230 (permalink)

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

Looking forward to seeing the completed model in three weeks at Army Heritage Day in Carlisle. There are some aviation enthusiasts among the AHEC staff who have been lookign forward to this, Mike. Not to mention me.

Don



Page 123 of 126 << First < 23 73 113 121 122 **123** 124 125 > Last >>

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:39 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

Home

Forum

Articles

Gallery

Downloads

Links

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)

Orlik PBJ-1H Mitchell

User Name Remember Me?Password

Register

FAQ

Community

Calendar

Today's Posts

Search

Post Reply

Page 124 of 126 << First < 24 74 114 122 123 **124** 125 126 >
[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-25-2010, 01:29 PM

#1231 ([permalink](#))
DJStratoArt
Member

 Join Date: Apr 2010
 Location: California
 Posts: 33

oh WOW, I'm subscribing to this thread, man fantastic build here.

I just saw this model at <http://www.papermodelstore.com>

<http://stratoart.blogspot.com/>

<http://www.youtube.com/user/DJsStratoArt>

<http://stratoart.com/>

Quote

04-26-2010, 05:06 AM

#1232 ([permalink](#))
Bomarc
Member

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by **DJStratoArt**
I'm subscribing to this thread

Well, better late than never (I'm dangerously close to finishing this epic). Happy to have you aboard Dale!

The Paper Model Store also carries the laser cut formers for that kit, if you like that sort of thing. Non of which existed when I started my kit last year. In fact, I actually ordered my kit from a web shop in Poland. I won't say which one, as some members here have had bad experiences with that vendor (guess I dodged a bullet when mine found it's way to the doorstep).

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)

Quote

04-26-2010, 10:37 AM

#1233 ([permalink](#))
flying rasta
Member

 Join Date: Aug 2009
 Posts: 246

now repeat after me..."thou shall not drink coffee while viewing pics of model-failure to observe such might result in scalding tounge or missing holder"...

really feeling a bit down about this epic build almost coming to an end..

to buy...or not to buy...damn you MAREK....damn you!!.....ummm...can you make one more 1:50??

Quote

04-26-2010, 05:43 PM

#1234 ([permalink](#))
peter taft
Member

 Join Date: Jun 2009
 Location: Nottinghamshire
 Posts: 1,487

Quote:

Originally Posted by [flying rasta](#)
now repeat after me..."thou shall not drink coffee while viewing pics of model-failure to observe such might result in scalding tounge or missing holder"...

really feeling a bit down about this epic build almost coming to an end..

Hey Rasta... All good things come to an end, BUT !!! Mike is sure to give us another MASTER CLASS.... Oh YES 🇺🇸 🇩🇪

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

Just Finished: F-14 Tomcat. **Next Up:** DH Mosquito. **On Hold:** Yamaha VMAX



04-26-2010, 05:50 PM

#1235 (permalink)



cmags
Member

Join Date: Jan 2009
 Location: Marietta, GA
 Posts: 709



Quote:

Originally Posted by [peter taft](#)
Hey Rasta... All good things come to an end, BUT !!! Mike is sure to give us another MASTER CLASS.... Oh YES 🇺🇸 🇩🇪

I'm excited for this. I started paying attention to this thread only after it was half over and missed a lot (trying to re-read a thread like this isn't the same as keeping up with it as it progresses), so I'm looking forward to catching the next master build from the beginning. Of course I wouldn't blame Mike in any way if he wanted to take a break or do a couple simple builds next to relax.

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
 Previous builds: [cMags' Card Model Builds](#)



04-27-2010, 06:20 AM

#1236 (permalink)



Bomarc
Member

Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778

Quote:

Originally Posted by [cmags](#)
Of course I wouldn't blame Mike in any way if he wanted to take a break or do a couple simple builds next to relax.

And that's exactly what my next build will be, whatever it is. I like pushing the envelope with builds like the PBJ, but back to back epics is just too much. Naw, a good long break, with a few of "back to basics" builds, that's the ticket!

Nothing wrong with a simple build either. Some of the most outstanding builds seen on this forum might be considered "simple" (and again, your mileage may vary), outstanding mostly because they're *consistent* in their execution. That pretty much has been my main yardstick for years on what a well built model is. Yours and Pete's efforts spring to mind in that respect, as many others around here. All that extra detail business like on the PBJ? Fluff, and without consistency throughout, a waste....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-27-2010, 07:52 AM

#1237 (permalink)



Tapcho
Member

Join Date: Nov 2009
 Location: Vantaa, Finland
 Posts: 216

Mike, I think you hit the nail there saying that the consistence in a build lcounts most. It must be felt in the result no matter what level of detailing or kitbashing or correcting orwhat ever there has been used doing it. I couldn't agree more



04-27-2010, 01:34 PM

#1238 (permalink)



dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 113

This whole build has been a master class of tips and techniques that will help all of us reach more consistency in our builds. We owe you quite a bit.

But yeah, after this build, I can see the desire to do something "simple," but I've a feeling Mike's definition of "simple" may be a bit more involved than mine.

Then again, he's got all those jigs left over. A Doolittle Raider would look great on the shelf, too....



04-27-2010, 04:00 PM

descartes
Member

#1239 (permalink)

Join Date: Mar 2010
Posts: 4

Awesome build. Learned much from your pictures, especially the use of jigs for precision.



04-28-2010, 04:35 PM




Bomarc
Member

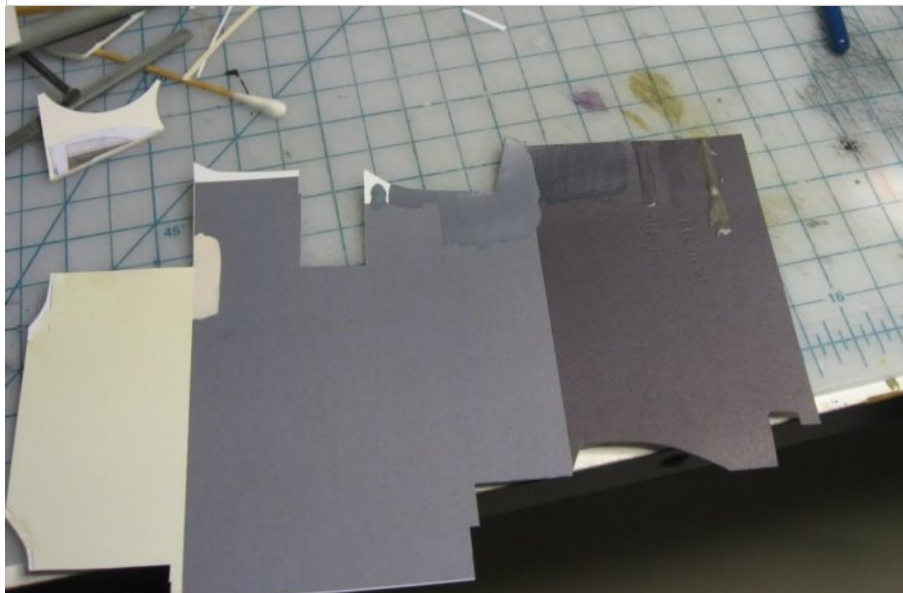
#1240 (permalink)

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

Guys, when I hear that this thread was even the littlest bit useful towards improving your own modeling endeavours, to me, that's the best compliment paid! Thank you all!


My camera's battery died last night, so any progress was not recorded. Not much was accomplished, but I did reach a decision last night: No clear coat. Not worth the effort. The Kyrion stuff didn't perform on my test sheet as I would have hoped:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x667 and weights 71KB.




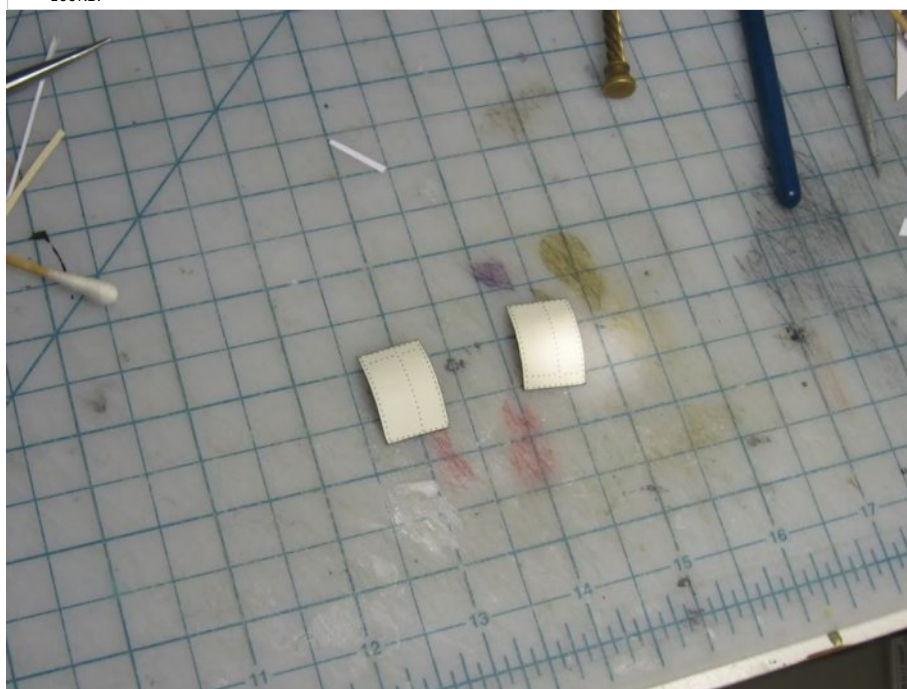
It *did* make the paper surfaces flat in finish, but for the painted surfaces (and the exposed glue portions) it was more of a satin finish, actually highlighting the differences than subduing them as I was hoping. So, I'm just going to go through a paint touch up program, followed by some light pastel work, and that will be that. What it does do is scoot my schedule up by a week or more. That means I'm a few days away from finishing this epic. How weird is that? What will I do with myself? 😊

BUT, in the short term, I did manage to fabricate the main gear doors last night. No in progress pics thanks to a dead camera battery:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x749 and weights 98KB.

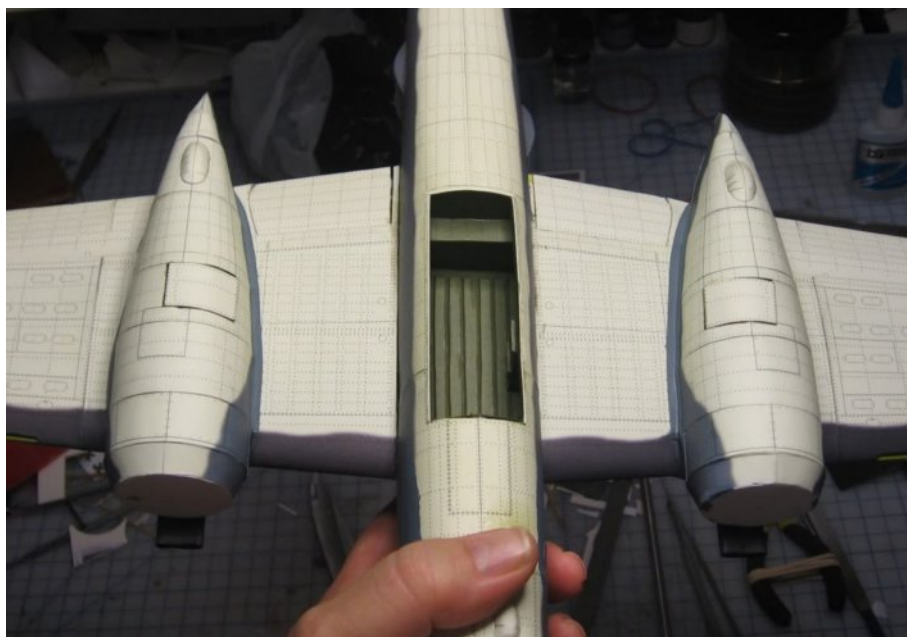


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x769 and weights 100KB.



I added some mat board to beef up the webs in between the cutouts as was on the original, and to give them that stamped metal part look. Another coat of green will go on after all the fittings are in place. The doors fit pretty good:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x710 and weights 97KB.



Maybe I'll jettison all that landing gear work and go with a gear retracted, in flight stance.....nah!

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)

Moderator [here](#)



[« Previous Thread](#) | [Next Thread »](#)

Posting Rules

You **may not** post new threads
 You **may not** post replies
 You **may not** post attachments
 You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
 HTML code is **Off**
[Trackbacks](#) are **On**
[Pinbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:40 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
 Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
 Search Engine Friendly URLs by [vBSEO](#) 3.3.2

Paper Modelers

Paper beats Rock Everytime

[Home](#)
[Forum](#)
[Articles](#)
[Gallery](#)
[Downloads](#)
[Links](#)

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

 User Name Remember Me?

 Password
[Register](#)
[FAQ](#)
[Community](#)
[Calendar](#)
[Today's Posts](#)
[Search](#)

Post Reply

 Page 125 of 126 << First < 25 75 115 123 124 **125** 126 >

[LinkBack](#) [Thread Tools](#) [Display Modes](#)

04-28-2010, 04:43 PM

#1241 (permalink)



Don Boose
Member

 Join Date: Jul 2007
 Location: Carlisle, Pennsylvania
 Posts: 4,700

Or a second, in-flight model of the PBJ?

Quote

04-28-2010, 07:08 PM

#1242 (permalink)



DJStratoArt
Member

 Join Date: Apr 2010
 Location: California
 Posts: 33

Man, this thing is looking mighty nice! I just have to have it, and work on smaller models to build up to this.

<http://stratoart.blogspot.com/>
<http://www.youtube.com/user/DJsStratoArt>
<http://stratoart.com/>

Quote

04-29-2010, 01:02 AM

#1243 (permalink)



pahorace
Member

 Join Date: Apr 2008
 Location: Italy (Sicily)
 Posts: 386

Hi Mike,
 personally, I prefer the solution with a gear down.
 The work on landing gear is too great to eliminate it. 😊
 But if your choice will be that then your will be done.
 Great admiration for this work.

Orazio

Quote

04-29-2010, 05:10 AM

#1244 (permalink)

Ron40
Member

 Join Date: Apr 2010
 Posts: 43

Hi Mike,
 I ran across some good videos on the B-17,B-25,B-24 & P-51 on Jay Leno's web page at [Jay Leno's Garage](#) Check the aviation section. They are all Collings foundation aircraft and each video gives a good walk around as well as in flight views. The B-25 is the normal clear nose type.
 I agree with your decision not to overcoat the model at this time. I tried it once on a model and it was a disaster. I always apply light coats of Krylon to the sheets prior to starting the model. This gives some protection from handling and smudges that occur during assembly. Very impressed with your abilities on paper models. Regards, Ron40

Quote

04-29-2010, 05:35 AM

#1245 (permalink)

Bomarc

 Join Date: Jul 2007
 Location: Burke, Virginia
 Posts: 778



Member

Quote:

Originally Posted by [pahorace](#)
*I prefer the solution with a gear down.
 The work on landing gear is too great to eliminate it.*

I'm with you Orazio! I couldn't think of ditching that landing gear now.

Quote:

Originally Posted by [Ron40](#)
I agree with your decision not to overcoat the model at this time. I tried it once on a model and it was a disaster.

Thanks Ron, and thanks for the great link. Looking at the pics of his garage and cars, Leno seems to like to get his hands dirty, my kind of guy. In regards to the clear coat, with all the large swatches of paint on this model, a clear coat would have been a BIG mistake. I'm actually relieved it's off the table as masking that cockpit greenhouse and tail gunners canopy would have not have been fun.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-29-2010, 05:55 AM

#1246 (permalink)

Ron40

Member

Join Date: Apr 2010
Posts: 43

Mike,
 About the Jay Leno garage videos. Did you click on aircraft on the left side of the page to see the videos I was talking about? Ron



04-29-2010, 06:35 AM

#1247 (permalink)


Bomarc
 Member
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

I did Ron. That's a nice B-25 restoration. I used the Collings Foundation website of that B-25 for one of my many cockpit reference sources:

[The Collings Foundation - B25 Cockpit](#)

I posted this link before somewhere in this thread. It makes you dizzy, but still pretty cool.

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
 Moderator [here](#)



04-30-2010, 08:07 PM

#1248 (permalink)


Bomarc
 Member
Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778

I don't know what it is.....


...but these last "tidbits" are really time consuming, but I supposed it's the path I laid for myself, can't drop the ball now, eh? Work continued on the doors last night. I actually used the kit parts for the hinges, just not quite as advertised:

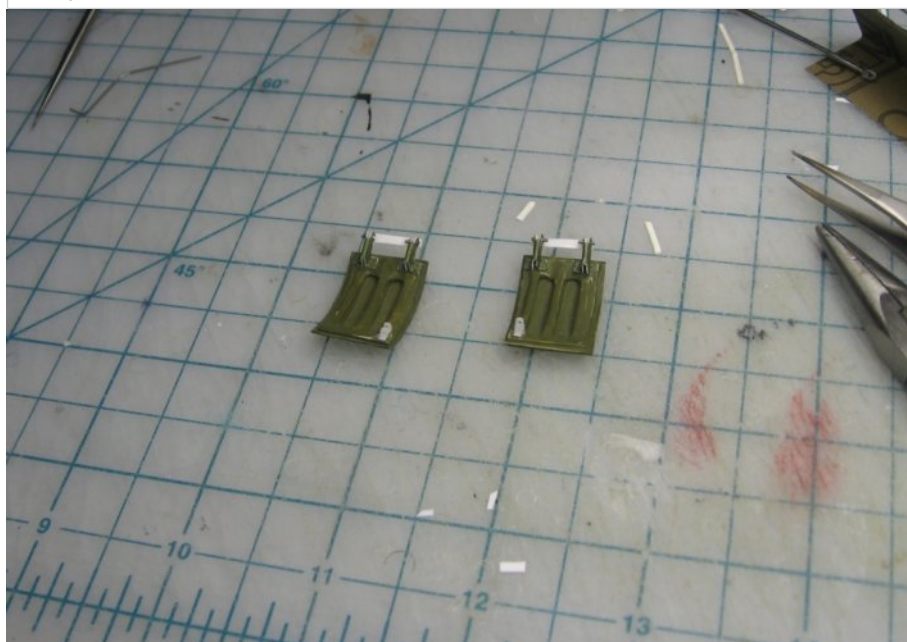



This image has been resized. Click this bar to view the full image. The original image is sized 1023x775 and weights 189KB.

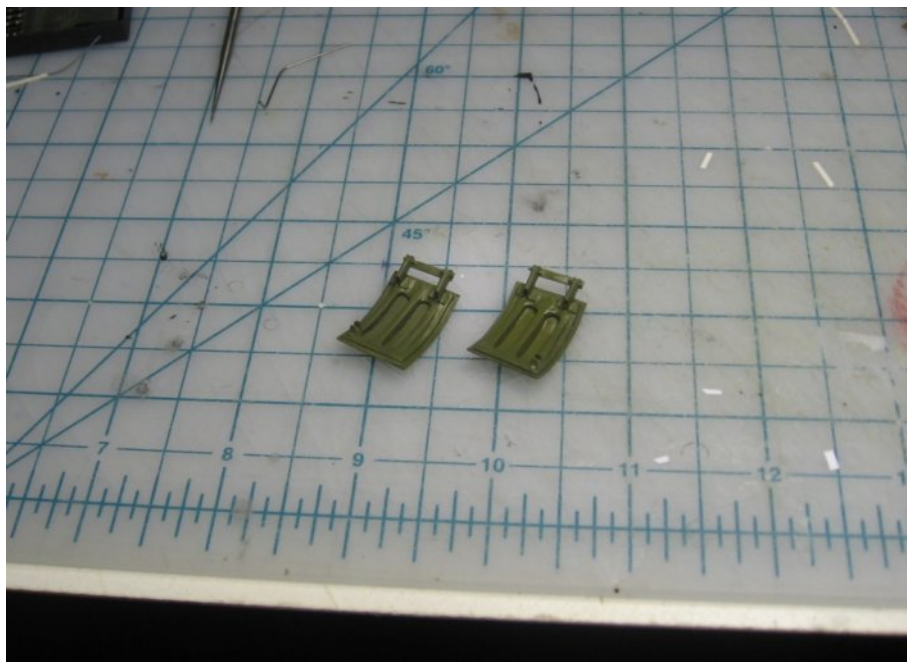


Still, they look pretty good. Scratched the part that will attach to the inside of the wheel well and painted them up:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x719 and weights 179KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x743 and weights 171KB.




Tonight was the linkage. Only one pic as I was too in the "zone" with these tiny parts:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x767 and weights 168KB.




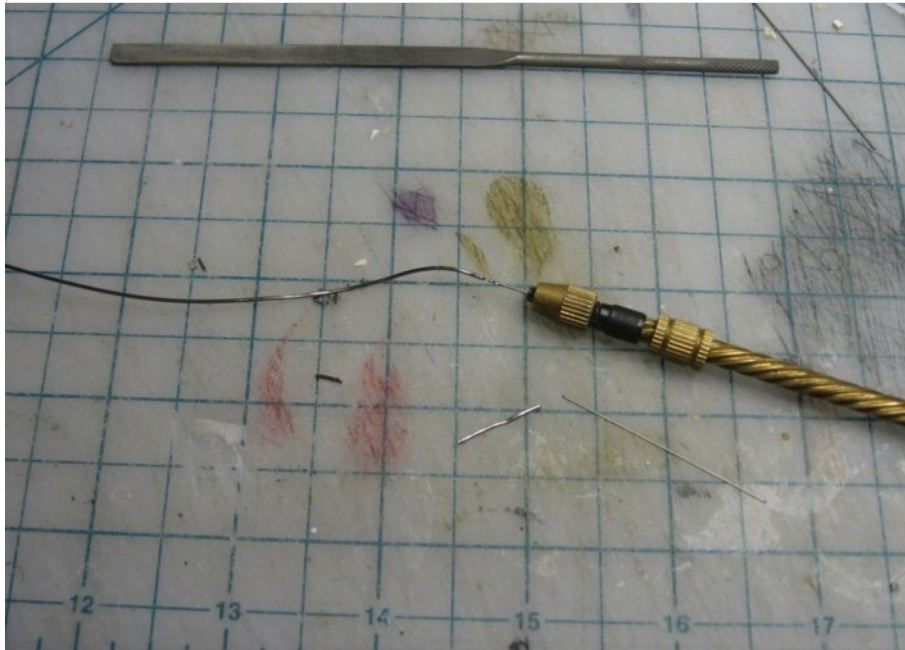
It's a double jointed affair that hinges off the "A" frame member that attaches to the main strut (it'll be more clear when it's all attached). Also started the brake lines of the main struts. I finally made a run today to my local Radio Shack to get some thicker solder, which was what was holding me up on this bit:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777 and weights 188KB.




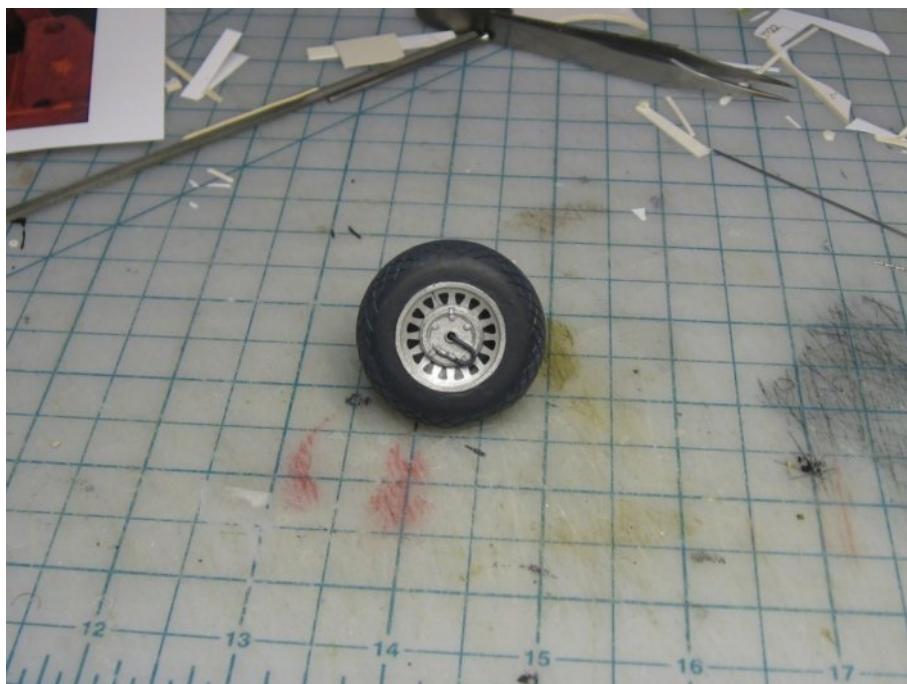
The stuff I used on the engines and elsewhere was 0.015" and was too thin. The above is 0.032" and is rosin-core. That's what you want because the stuff is essentially a tube filled with the rosin, which you can ream out with a drill and attach with CA glue to a wire:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x734 and weights 193KB.

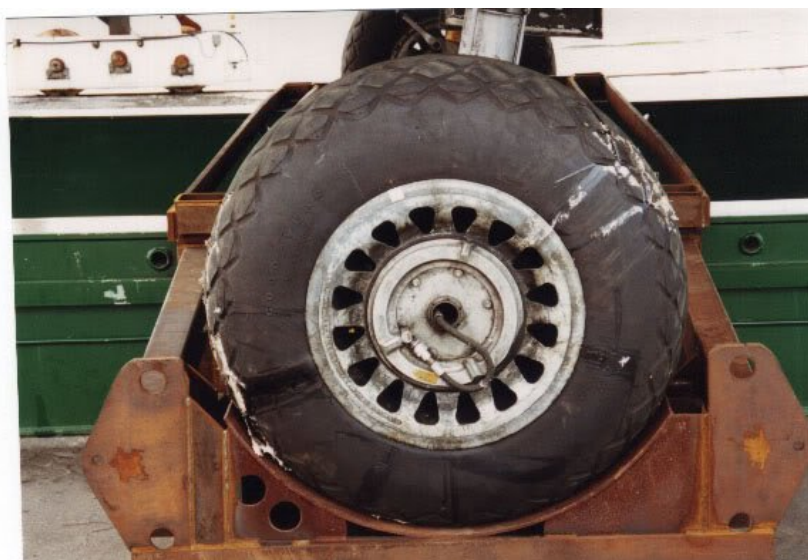


Once you attach a wire, you can stack little tubes on it to simulate the fitting, like this:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x765 and weights 193KB.



And I'll drag out this old chestnut for comparison:



The hope is to get the entire landing gear installed this weekend, then a mop up operation with all the other little things, and then final pictures....
Mike

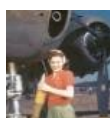
"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Yesterday, 04:56 PM

#1249 (permalink)




Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 778


Home stretch....

Pictures are starting to back up, so I'd better do an update. Finished fabricating all the LG parts. Before and after touch-up painting:




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x737 and weights 197KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x720 and weights 202KB.




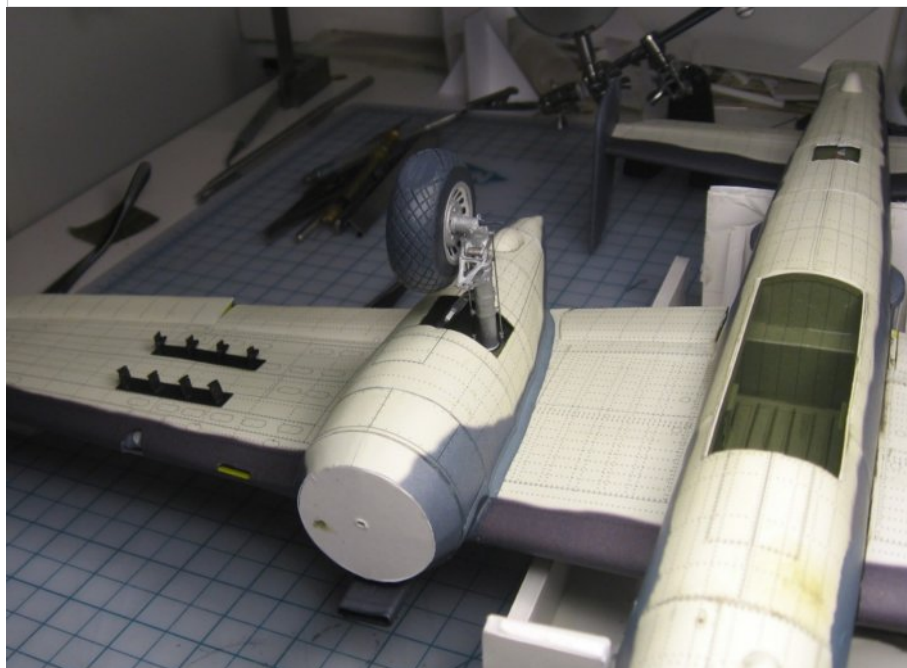
The brake lines are to the left. They got progressively shorter as the day wore on. The point of no return was upon me, time to stick it all together. I used JB Weld again, this is the quick set stuff (hardens in about 10 minutes):

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x734 and weights 184KB.




Note the length of the brake lines now. Helps the have the wheels in place to check alignment:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x748 and weights 178KB.




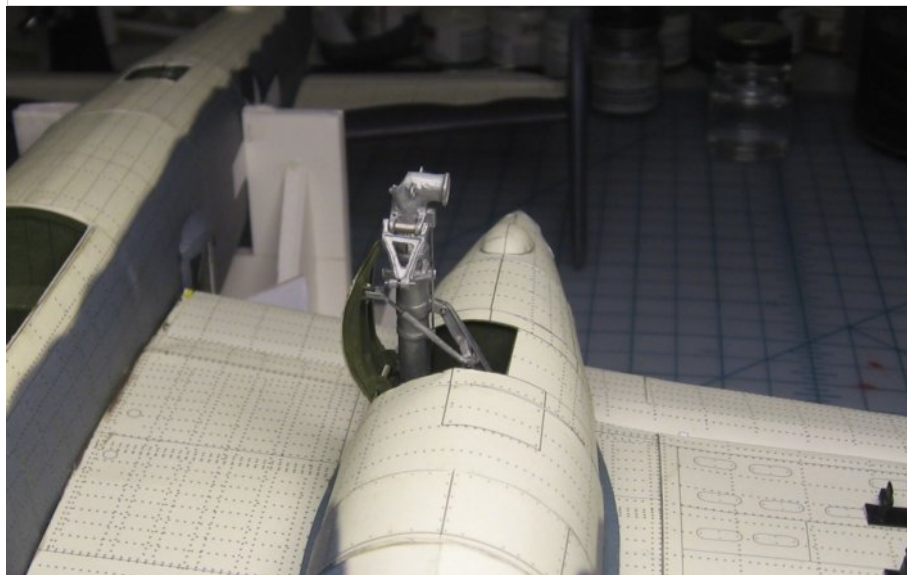
Go to go:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x661 and weights 171KB.

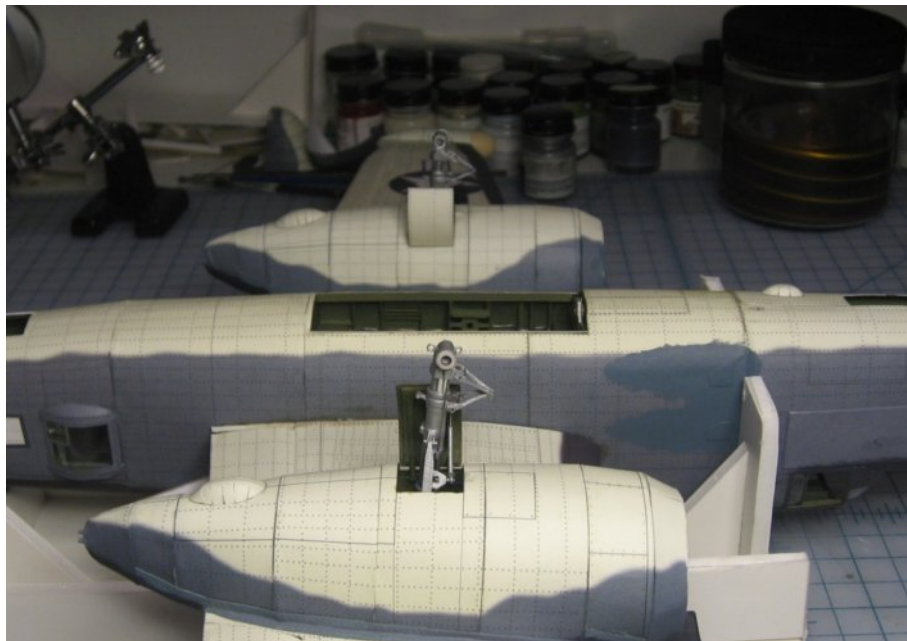



Next, the doors. I think the need for the double jointed connection is apparent, pretty complicated:

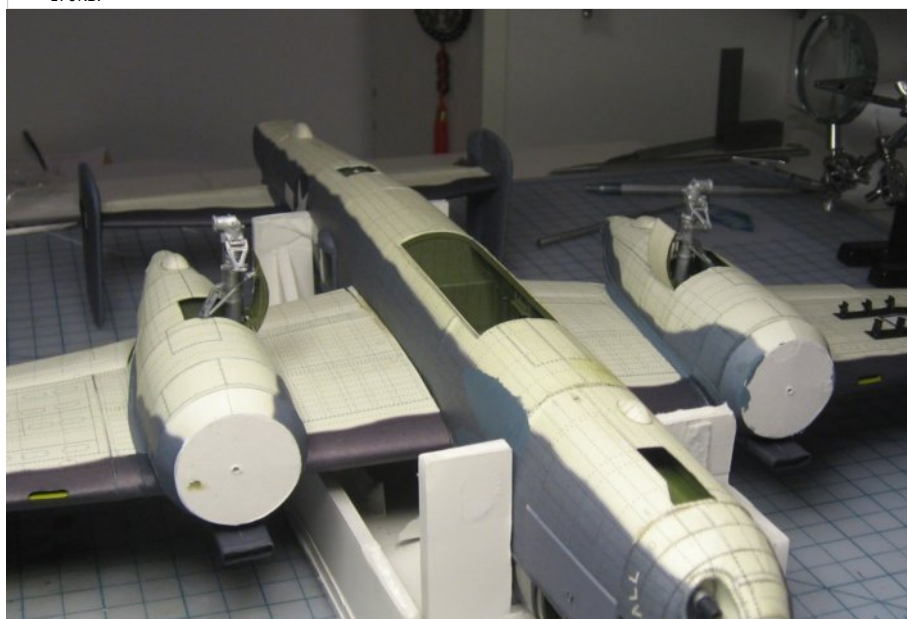
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x647 and weights 157KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x719 and weights 167KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x691 and weights 170KB.



Nose strut, you can just see the epoxy "seat" inside:


 This image has been resized. Click this bar to view the full image. The original image is sized 1024x693 and weights 165KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x705 and weights 159KB.




With the epoxy harden and everything stiff, it was time to take away the cutting mat for a flat surface to set the wheels for good:

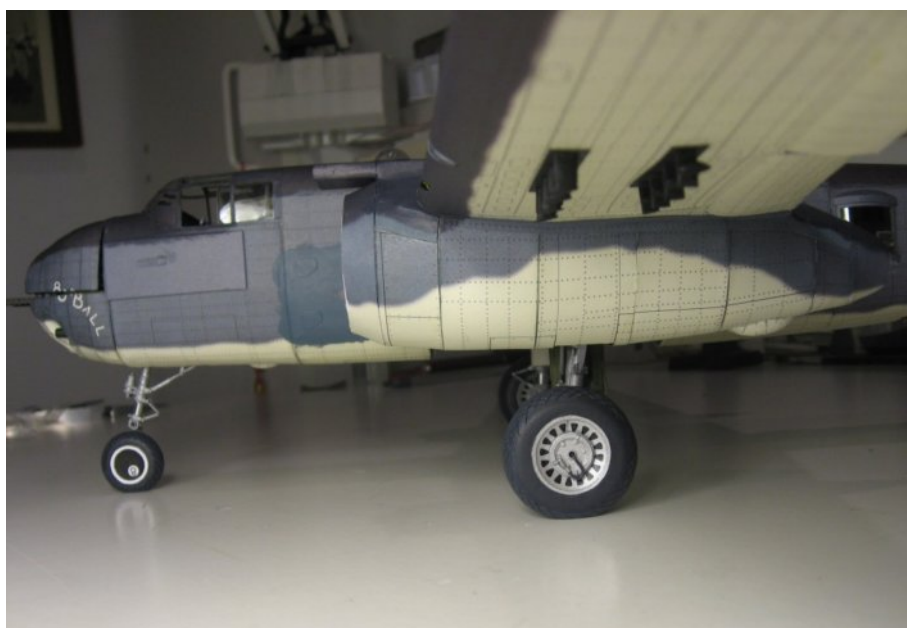
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x754 and weights 152KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x793 and weights 167KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x701 and weights 135KB.




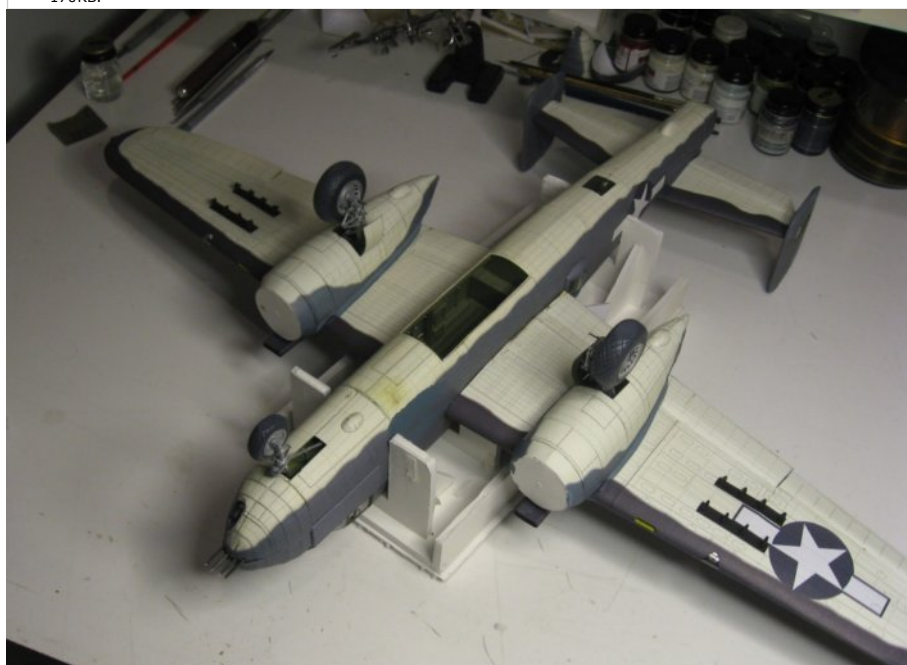
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x725 and weights 139KB.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x686 and weights 132KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x748 and weights 170KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x666 and weights 167KB.



Now I just have to connect the brake lines in situ.

I think I have one update left in me.....

Mike

"Please to continue....."

Current Build [PBJ-1H Mitchell](#), review [here](#)
Moderator [here](#)



Yesterday, 05:49 PM

#1250 (permalink)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,700

Incredible, Mike. This has been a fascinating journey. You have a remarkable ability to figure out how to capture the exact appearance of every part of the airplane and then the skill to make it so.

Don



Page 125 of 126 << First < 25 75 115 123 124 **125** 126 >

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 08:40 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 126 of 130 << First < 26 76 116 124 125 **126** 127 128 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

05-01-2010, 08:59 PM

[#1251 \(permalink\)](#)



[Texman](#)

Lilliput Transportation

Join Date: Jul 2007
Posts: 774

Impressive Mike. Sometimes, its not the destination, but the journey to get there that is most enjoyable. For us mere model mortals anyway!

Ray

Don't squat with yer spurs on.....It's gonna hurt

[Quote](#)

05-02-2010, 05:07 AM

[#1252 \(permalink\)](#)



[peter taft](#)

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,500

Quote:

Originally Posted by [Texman](#)
Impressive Mike. Sometimes, its not the destination, but the journey to get there that is most enjoyable. For us mere model mortals anyway!

Now why didn't i think to say this... I certainly second all this sir 😊 Great going Mike 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS

[Quote](#)

05-02-2010, 06:05 AM

[#1253 \(permalink\)](#)



[Retired for now](#)

Member

Join Date: Jun 2009
Location: NW Florida
Posts: 1,406

She stands!

Sadness in ending
But joy in the completion
Masterfully done

... but not quite done yet.
Yogi

[Quote](#)

05-02-2010, 08:56 AM

[#1254 \(permalink\)](#)



[medved](#)

Member

Join Date: May 2009
Location: South of Heaven
Posts: 150

Another batch of Bomarc branded brilliance pdf-alized.
[Pages 109-125](#)

Makes me wonder if B.O.M.A.R.C. is an acronym for **Brilliant Original Modeling Allied with Real Craftsmanship**, but I expect someone knows better 😊😊😊

[Earlier segments](#)

[Napoleonic Wargaming for the PC](#)
[Handy Free Software](#)

Last edited by medved; 05-02-2010 at 09:09 AM.



05-02-2010, 09:15 AM

#1255 ([permalink](#))



dansls1
Aviation Moderator

Join Date: Jul 2007
Location: Mt. Prospect, IL
Posts: 3,004



Bomarc - I haven't commented for a while - continuing to look awesome!

Medved - How about uploading those files to our download section rather than hosting them offsite?

-Dan



05-02-2010, 09:22 AM

#1256 ([permalink](#))



billy.lelived
Member

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 1,123

Quote:

Originally Posted by [medved](#)
Another batch of Bomarc branded brilliance pdf-alized.
[Pages 109-125](#)

*Makes me wonder if B.O.M.A.R.C. is an acronym for **Brilliant Original Modeling Allied with Real Craftsmanship**, but I expect someone knows better* 😊 😊 🙏

[Earlier segments](#)

Builds Of Mike Are Realy Cool... 😊

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



05-02-2010, 11:44 AM

#1257 ([permalink](#))



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

Quote:

Originally Posted by [Texman](#)
Sometimes, its not the destination, but the journey to get there that is most enjoyable.

Well it's has been a pretty cool ride hasn't it? And I couldn't have asked for better travelling companions than everyone here.

Quote:

Originally Posted by [billy.lelived](#)
Builds Of Mike Are Realy Cool... 😊

LOL. Ok, I'll go with that. Let's see if we can crank the cool factor to eleven....

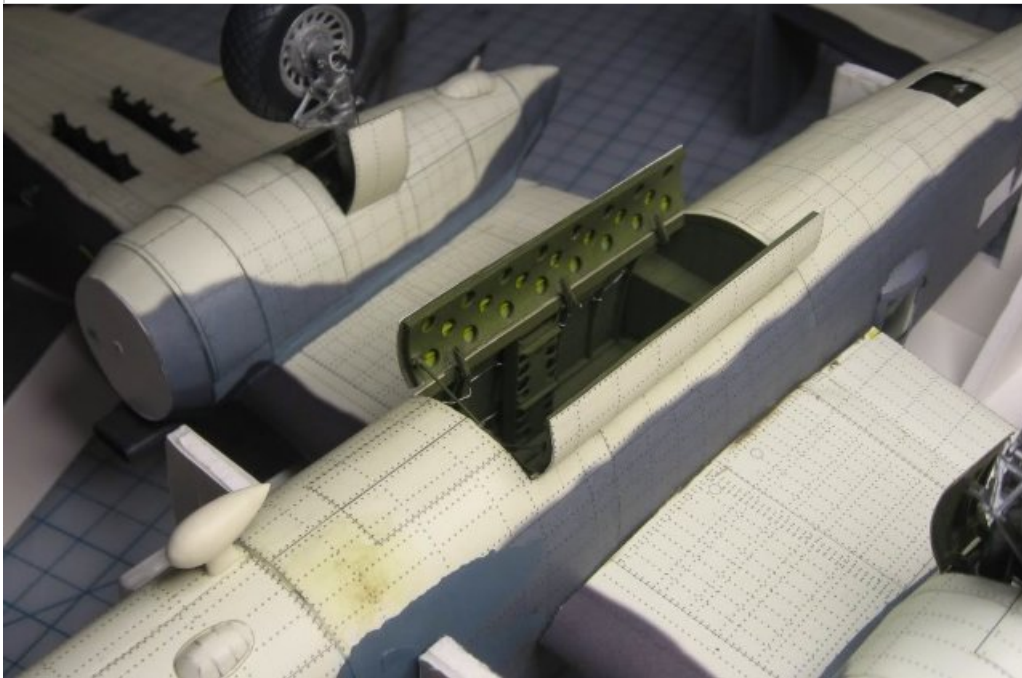
As I feared, this will be my *last* construction update for this build (spontaneous roar from the peanut gallery). Just had a few last tidbits last night and this morning. Last night was the bomb bay doors. Added the hinges again using the kits parts but modified:


This image has been resized. Click this bar to view the full image. The original image is sized 1023x678.

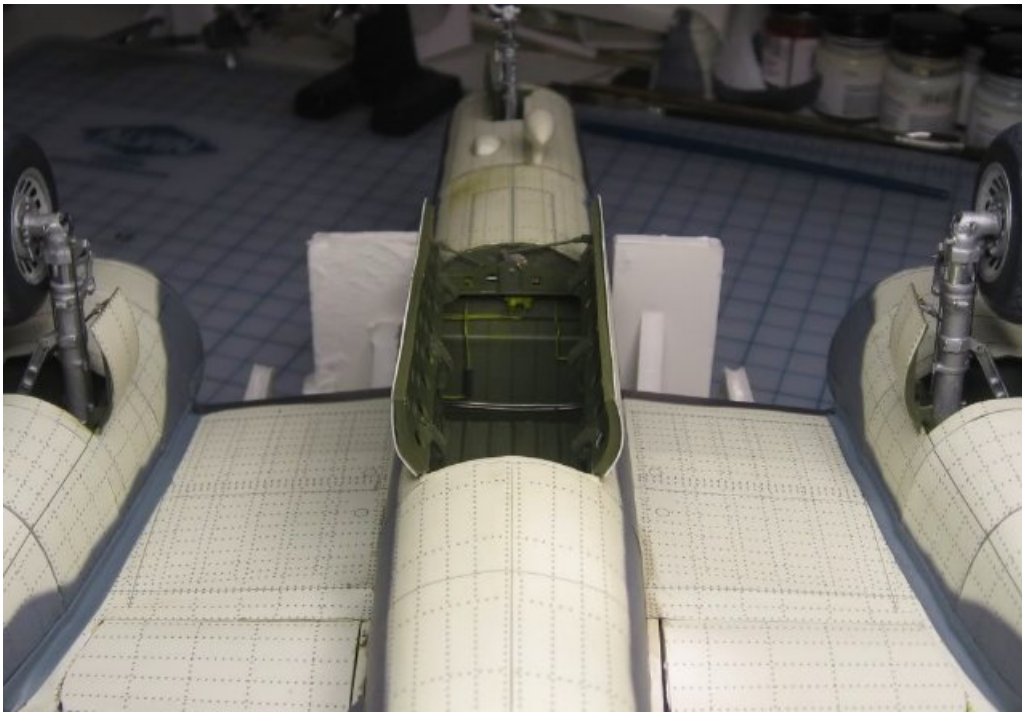


This isn't exactly how the hinges are in reality, but it works for the model. All hooked up:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x674.

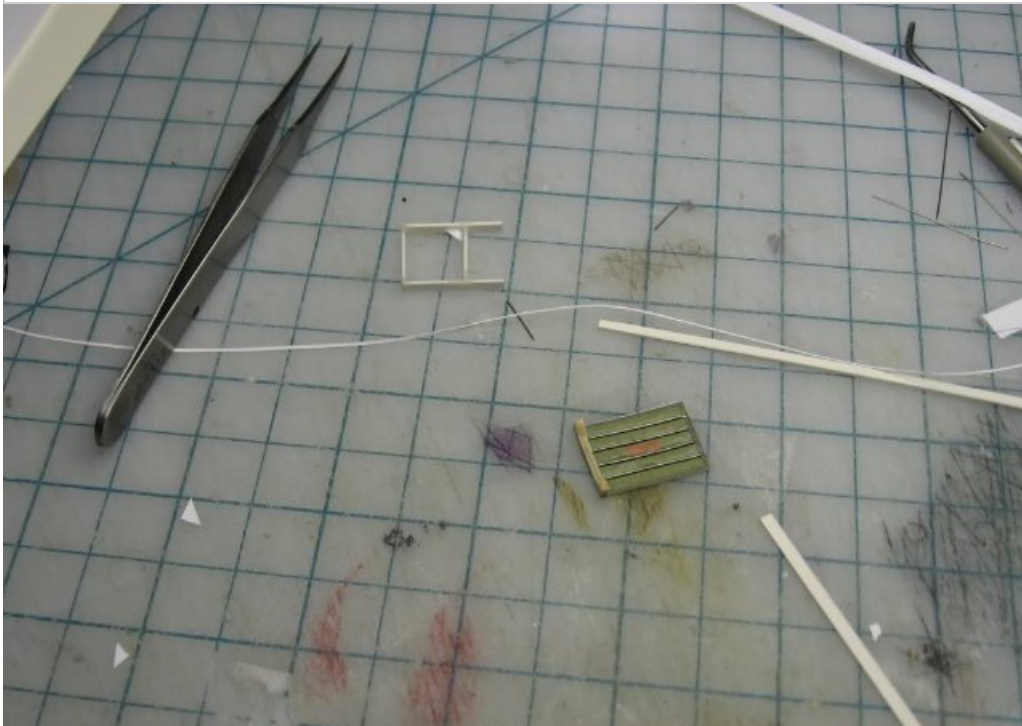



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x708.

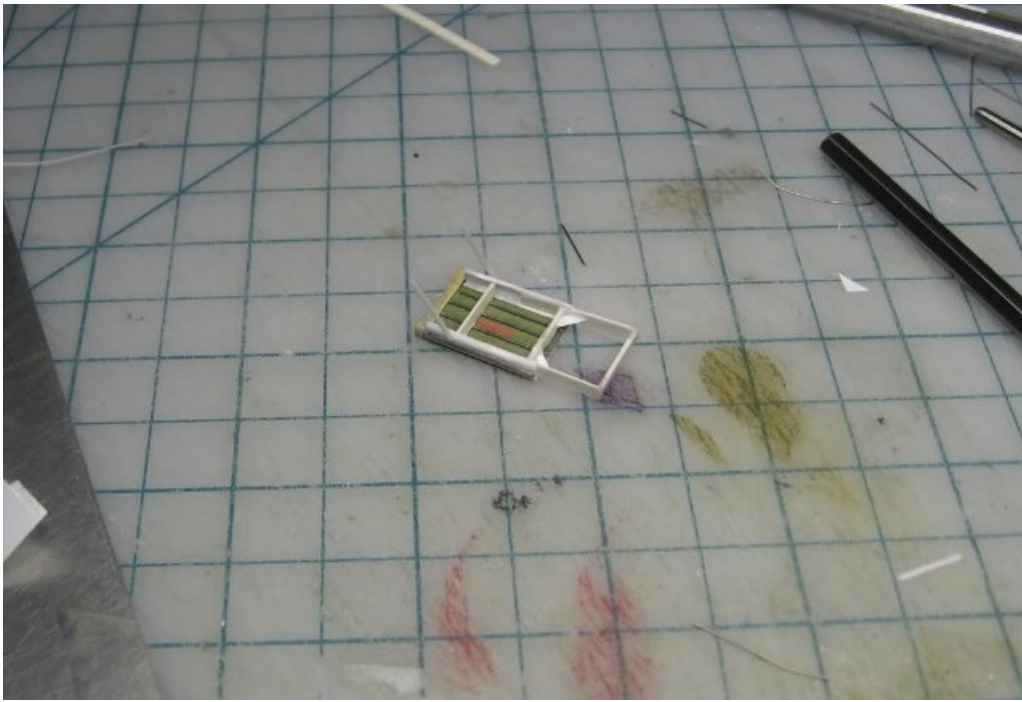


I discovered I had reversed the direction of the little crank that opens the doors way back when I put it in (remember that discussion?), so now the arms are in the wrong configuration. Oh well! Wasn't the first screw-up on this model, but it may well be the last (for this model anyway). Next was the rear hatch/ladder. Totally discarded the Orlik parts and made my own. Thin solder makes good ribbing:


 This image has been resized. Click this bar to view the full image. The original image is sized 1023x724.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x694.




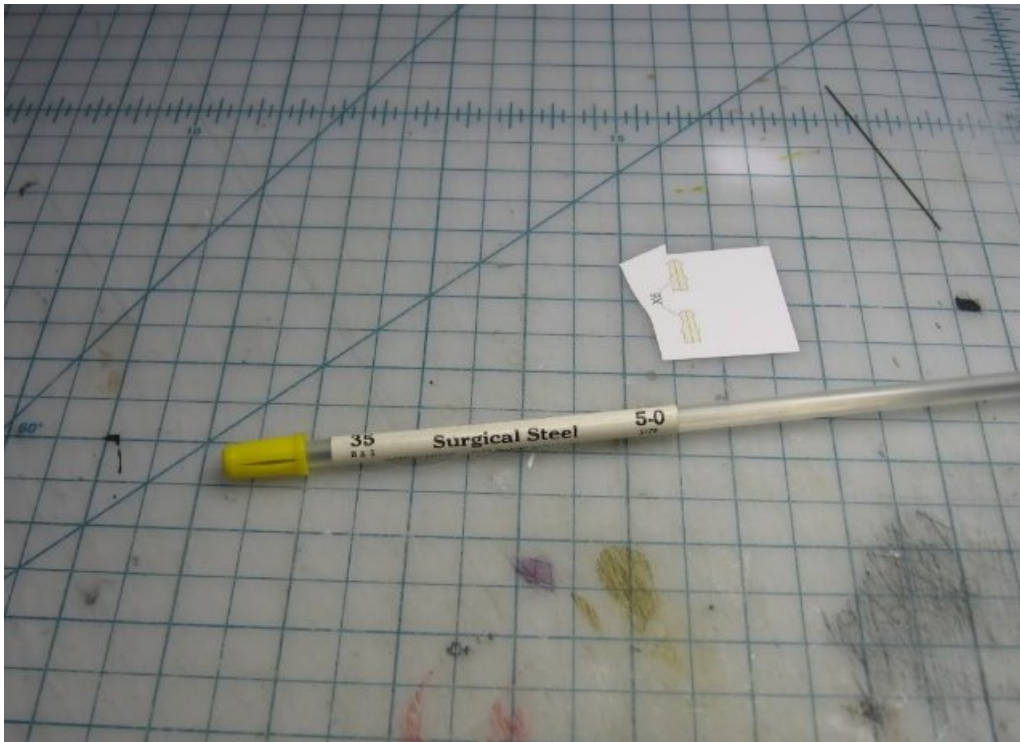
Installed (with the real deal inverted for comparison).

 This image has been resized. Click this bar to view the full image. The original image is sized 1022x652.




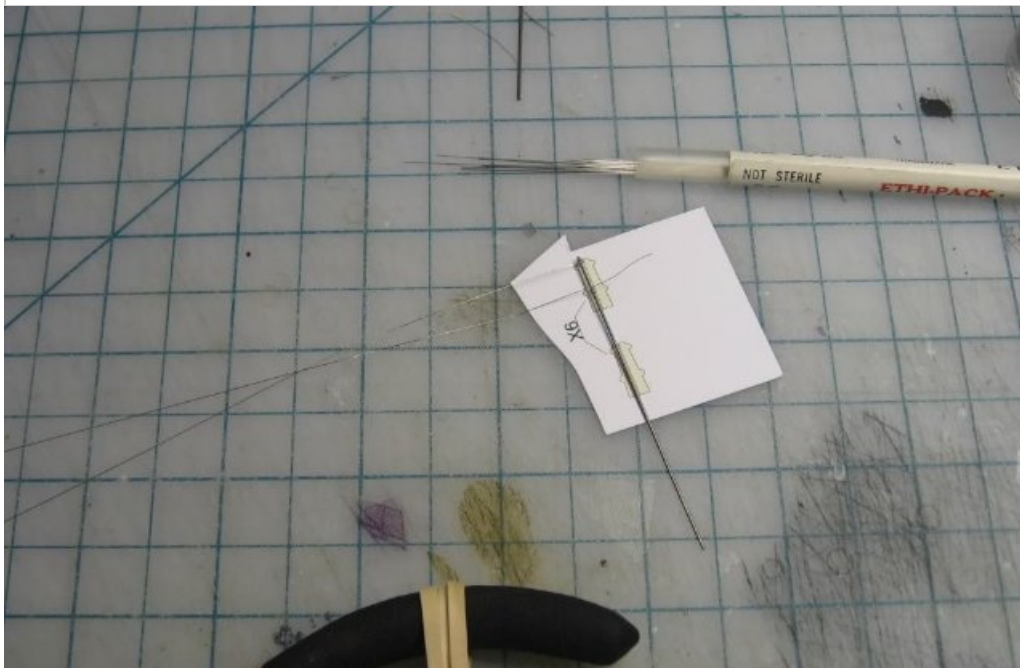
This morning was the radio antenna. I have this stuff:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x739.



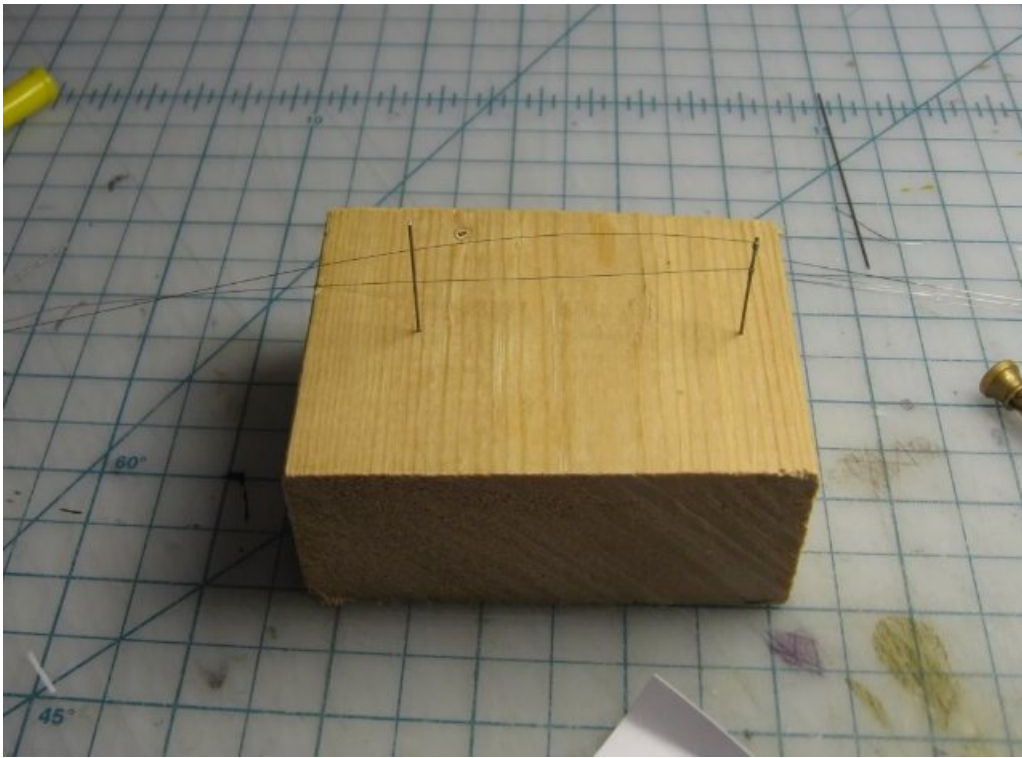
I don't know why. I think I bought it at an IPMS convention years ago. I believe this the "in" thing for biplane rigging back in the day. Maybe it will work for antenna wire. Totally on the fly, I tied and CA glued two strands to a piece of music wire, using the kit parts as a guide:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x664.




Sunk that and another wire into a block of wood, spaced appropriately apart, and tied off the other end:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x753.




Wrapped the paper parts around, and superglued the heck out of it:

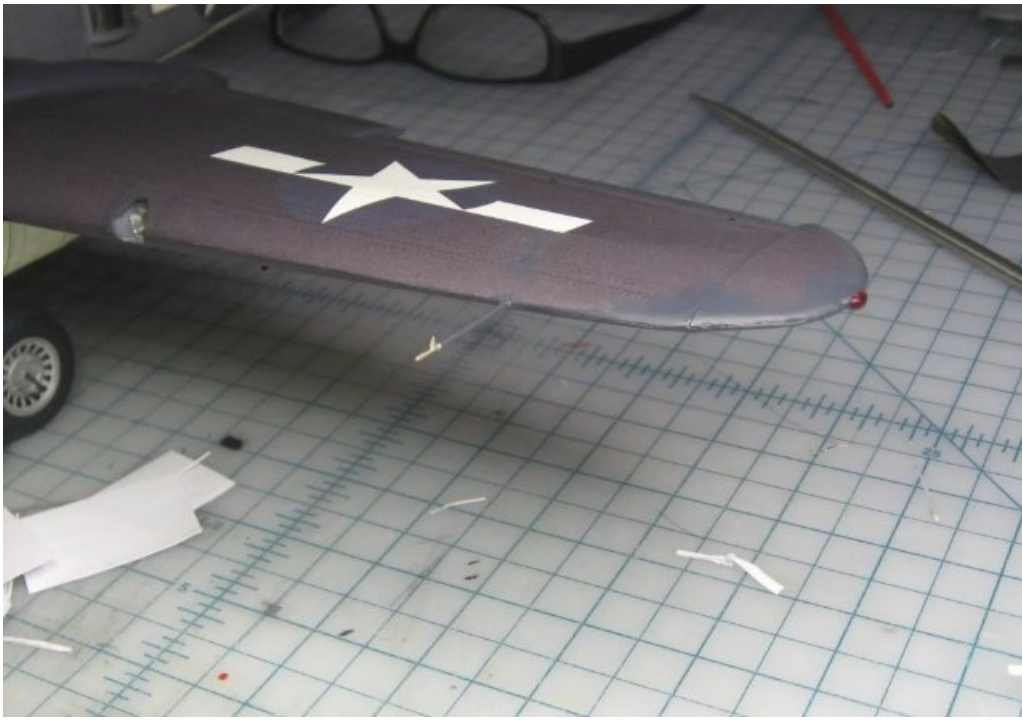
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x767.




Well, I would have laid even money that wouldn't have worked. Might have to remember that for next time.

The last little things. Pitot tube:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x712.



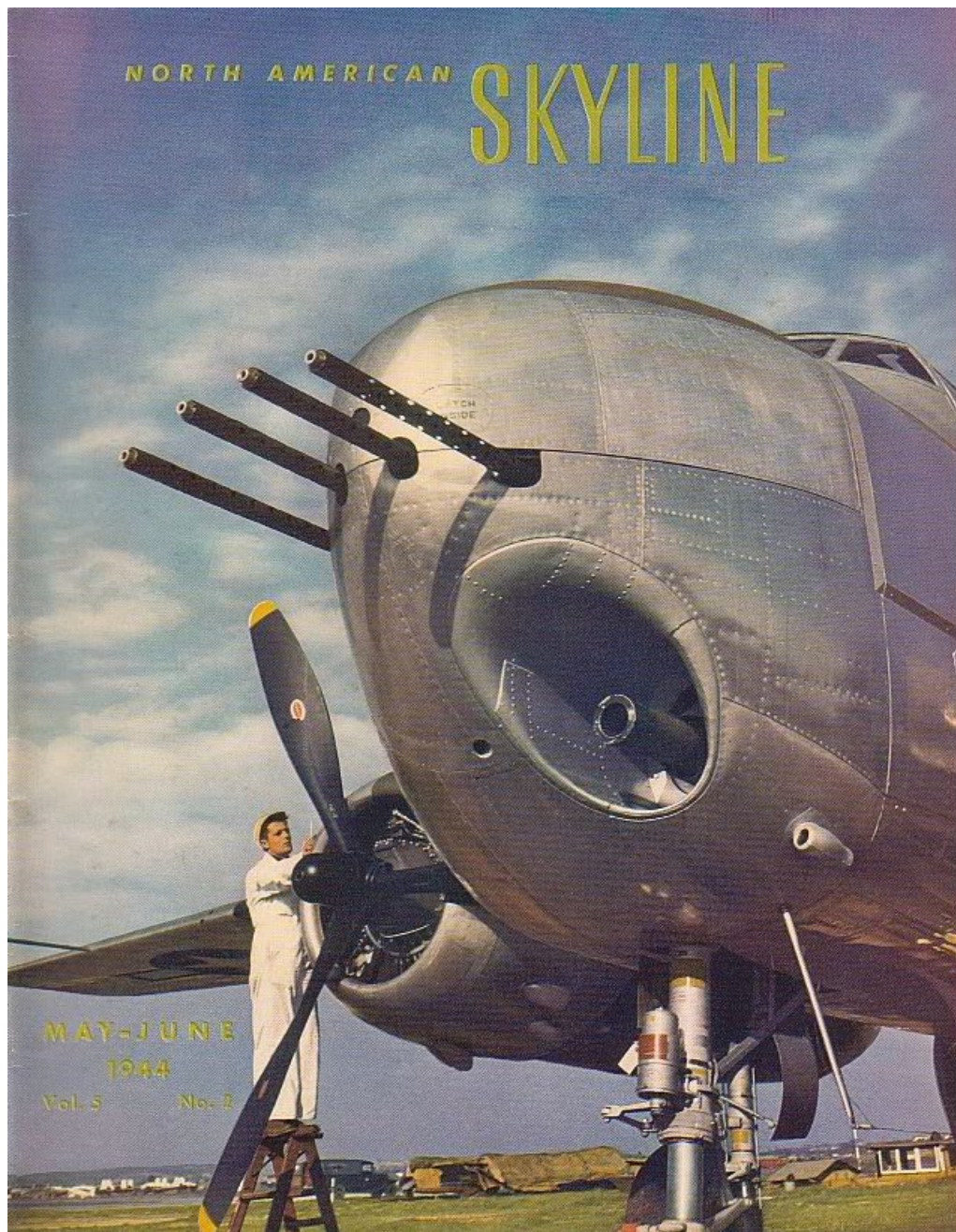
I also had some last bits to add to the engines that I never got around to. Remember these two?

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x652.




Added the propeller governors on top of the crankcases (hard to see, they're black). Also added a manufacturers data plate to the side of each crankcase for that extra touch.

Last was the little venturi thing that's on the side of the nose. The real deal, lower right:




It sucks the smoke out of the nose compartment when the guns/cannon are fired. I carved it out of two chunks of superglued mat board:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x710.




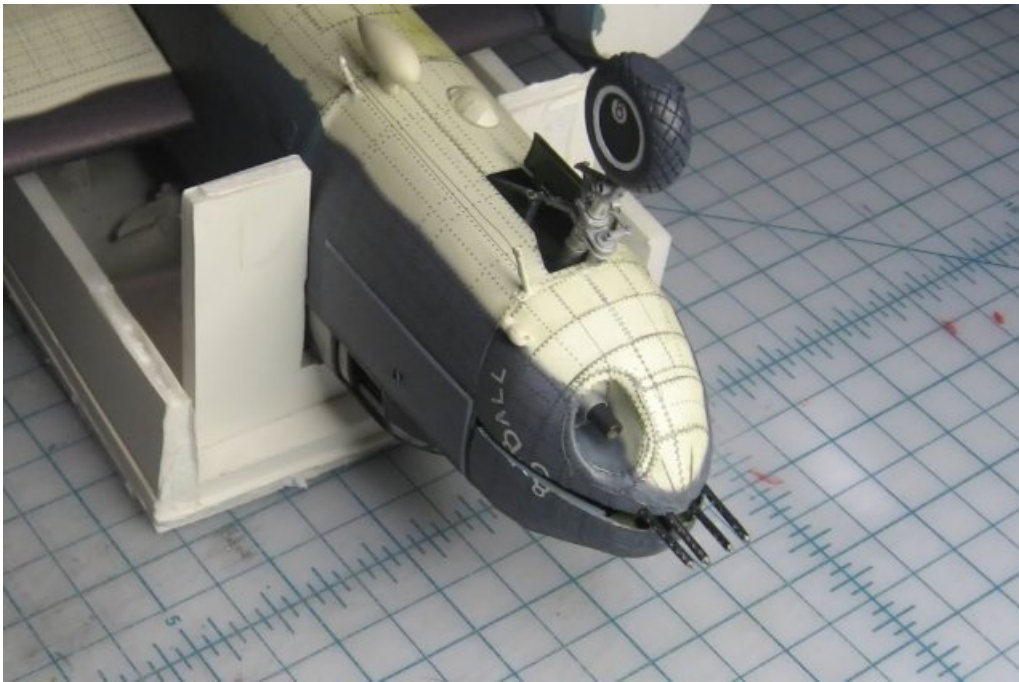
While the paint was drying on that, I added a little handle that I forgot last night on the ladder:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x698.



Then added the venturi:

 This image has been resized. Click this bar to view the full image. The original image is sized 1023x677.



All that's left is the attachment of the engines/propeller, and I'm essentially done. There's one tube like thing that sits on top of the gun nose that seems unique to the Marine PBJ's, but I don't have any good details on it (Orlik just has a tube). It looks like it has wires coming out of it, maybe some kind of sighting device? I can add it on later when I know more. Frankly, it kind of ruins the lines of the airplane. If "8-Ball" lost hers in a taxi accident of some sort, well.....😬

Next post(s) from me should be some glamour shots, hopefully tonight.

Stick around, the best part is just around the corner.....

Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)



05-02-2010, 12:58 PM

[#1258 \(permalink\)](#)



Don Boose
Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,726

Fantastic right up to the end, Mike!



05-02-2010, 01:06 PM

[#1259 \(permalink\)](#)



willygoat
Member

Join Date: Jul 2007
Location: Papillion, Nebraska
Posts: 1,489

You got that access hatch ladder dead on Mike! I've used one many times at the museum. They are an interesting piece of engineering. I like how the release mechanism is blended in with the skin. 🍷



05-02-2010, 02:23 PM

[#1260 \(permalink\)](#)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 774

Quote:

Originally Posted by **Bomarc**
There's one tube like thing that sits on top of the gun nose that seems unique to the Marine PBJ's, but I don't have any good details on it (Orlik just has a tube). It looks like it has wires coming out of it, maybe some kind of sighting

device?
Mike

Well, I thought it might be the gun camera, but that appears to have been internally mounted. Searching...

Ray

Don't squat with yer spurs on.....It's gonna hurt

Last edited by Texman; 05-02-2010 at 02:36 PM.



<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules



You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacs](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 03:35 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 127 of 130 << First < 27 77 117 125 126 **127** 128 129 > Last >> ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

05-02-2010, 03:03 PM



Retired for now

Member

#1261 ([permalink](#))

Join Date: Jun 2009
Location: NW Florida
Posts: 1,406

There's one tube like thing that sits on top of the gun nose that seems unique to the Marine PBJ's, but I don't have any good details on it (Orlik just has a tube). It looks like it has wires coming out of it, maybe some kind of sighting device?

Mike, check the first picture back on this reference page [PBJ-1H: Technical Drawings](#) .

You are correct, it is part of the sighting system. Appears to be a post on the hood, one just aft of the hood in front of the windscreen, and the crosshairs inside.

Gun camera location is also well illustrated further down the page.

Yogi

[Quote](#)

05-02-2010, 05:26 PM



Bomarc

Member

#1262 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792


Victory Roll

Thanks guys. I'll probably add the sight later, but I started snapping away before I saw your posts, so without any further ado:


I present the North American PBJ-1H Mitchell in 1/33rd scale. Kit by Orlik, "enhancements" by me. Enjoy:

This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x706.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x698.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x727.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x734.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x719.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x701.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x776.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x755.






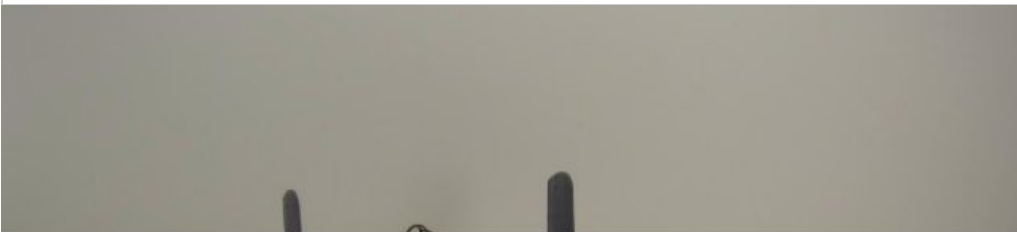
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x732.





 This image has been resized. Click this bar to view the full image. The original image is sized 1023x716.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x693.



To be continued.....

Mike

"Please to continue"

Completed ! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)

05-02-2010, 05:27 PM

#1263 (permalink)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

(cont.)

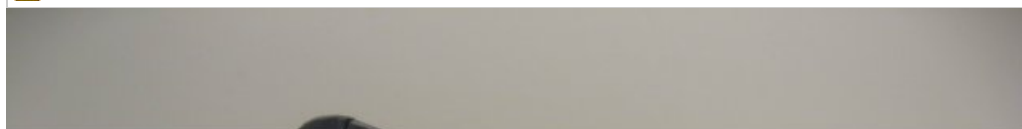
This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

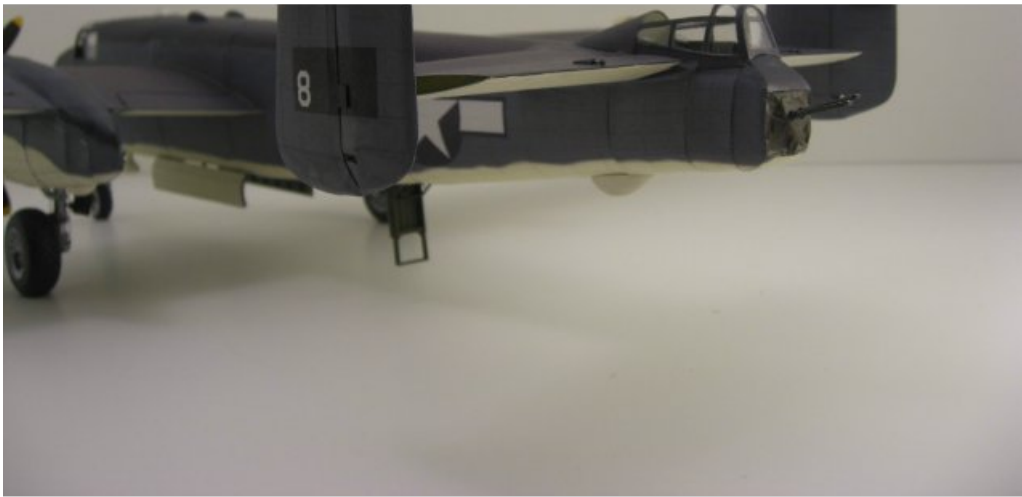


This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x761.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x727.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x736.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.

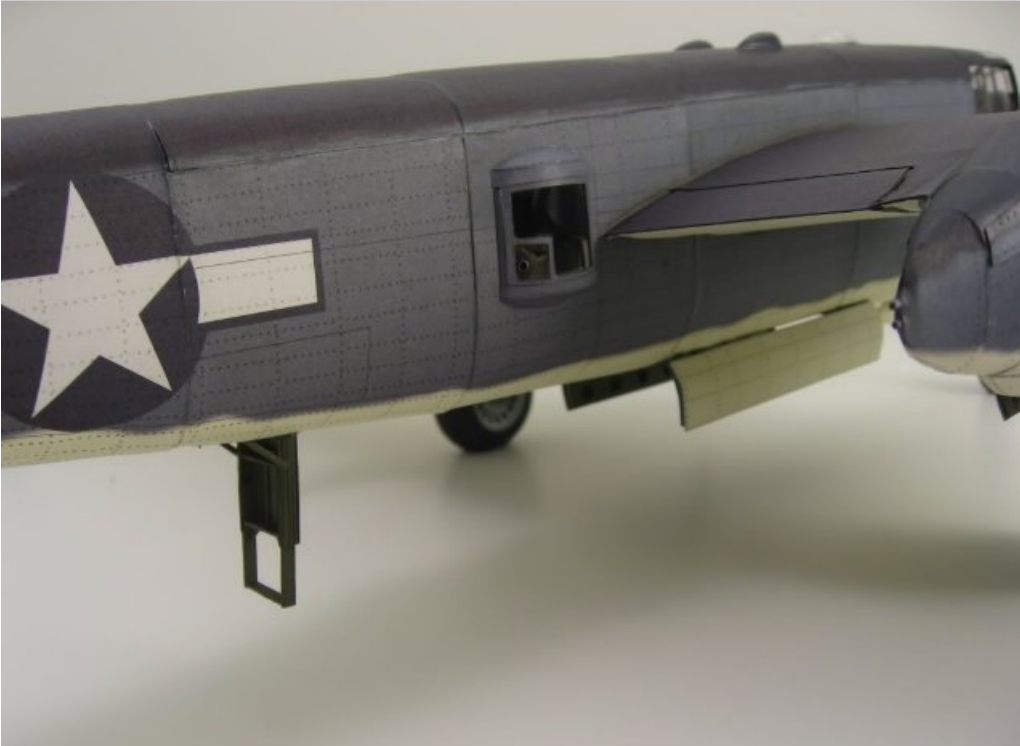



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






 This image has been resized. Click this bar to view the full image. The original image is sized 1023x746.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x758.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x766.



One behind the scenes shot:

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x723.



If there are any other views I missed or you want to see, let me know, I'll try to take them. Final observations and comments later, I'm taking a break! 😊

Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)



05-02-2010, 05:35 PM

#1264 ([permalink](#))



Ron0909

Member

Join Date: Aug 2008
Location: Ottawa, Ontario, Canada
Posts: 431

Mike,
Thank you so much for taking all of us along on your journey! I've learned so, so much and enjoyed myself immensely as you showed us in intricate detail your methods and your madness 😊 What a fantastic model!

Ron

Now Building Halinski's 1:25 Bergepanther
<http://www.papermodelers.com/forum/a...estions-2.html>
Last Build...Marek's Albatros CXII in 1:33



05-02-2010, 05:41 PM

#1265 ([permalink](#))



barry

Member

Join Date: Jul 2007
Posts: 1,594

A wonderful build thread from start to finish

barry

[Shipcard Models](#)



05-02-2010, 05:43 PM

#1266 ([permalink](#))



Royaloakmin

Member

Join Date: Oct 2007
Location: Windsor ON
Posts: 486

Yes, thank you! Much new thought about using jigs.

Fred Bultman



05-02-2010, 05:55 PM

#1267 ([permalink](#))



solo67

Member

Join Date: Nov 2007
Location: hadera israel
Posts: 174

She is a beauty no doubt about it.this build was an inspiration and a fantastic learning for me on how to go the extra mile...
😊.thanks mike.
loking forward to the next one.

Moshe O

Current Build: [IAF B-17 \(1:44\) Repaint](#)



05-02-2010, 06:12 PM

#1268 (permalink)



dhanners
Member

Join Date: Jul 2007
Location: Roseville, MN
Posts: 115

Words fail. Superlatives fail.

I, for one, would like to thank you for taking us through a wonderful project, showing us one great technique after another and, quite simply, setting the gold standard for what a card model can be. It goes beyond "modeling" and is squarely in the realm of "craftsman," and it was an honor to watch you work.



05-02-2010, 06:47 PM

#1269 (permalink)



KCStephens
Member

Join Date: Dec 2007
Location: York, PA
Posts: 608

Here's the 1st of many....

It's made out of what....? That can't be PAPER?



Kevin Stephens



05-02-2010, 07:12 PM

#1270 (permalink)



birder
Member

Join Date: Jul 2007
Location: Liberty lake, wa
Posts: 2,105

Congratulations on completing this project!!!! 😊😊 Woohoo!

Glen



Page 127 of 130 < First < 27 77 117 125 126 **127** 128 129 > Last > ▾

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 03:36 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 128 of 130 << First < 28 78 118 126 127 **128** 129 130 > ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

05-02-2010, 07:30 PM

[#1271 \(permalink\)](#)

kenlwest 

Member

Join Date: Jun 2008
Location: Lake Orion, MI
Posts: 451

Mike,

This has been quite a journey - for all of us!!! Your work has shown a level of excellence that most hope to achieve, but few will actually attain. The model turned out GREAT! I hope you place it under glass so that it doesn't get dirty, or worse, damaged.

The only problem as I see it; what will you decide to do for an encore???

THUMBS UP!!!!!!

Ken

[Quote](#)

05-02-2010, 07:43 PM

[#1272 \(permalink\)](#)



3Turner 

Member

Join Date: Jun 2009
Location: In a pile of cardstock clippings
Posts: 357

Gorgeous!

I am still astounded at the detail you put into her.

You'll be hard pressed to out do this build. 😊

Robert

Current build: [Beta build Will Aldridge's XP-72](#)
With a little filler work here and there: [XP-59 Airacomet](#)

[Quote](#)

05-02-2010, 07:47 PM

[#1273 \(permalink\)](#)



B-Manic 

Nautica Moderator

Join Date: Jul 2007
Location: Vancouver Island, BC, CA
Posts: 2,575

Its been a great ride - one where there journey was as enjoyable as the destination. Thanks for sharing.

The proceeds from sales at www.hobbyfactory.com support this forum!!

[Quote](#)

05-02-2010, 07:50 PM

[#1274 \(permalink\)](#)




peter taft 

Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,500

Quote:


Originally Posted by **peter taft** 
*Like the words of the song "Dedication's what you need", well you certainly have this in abundance here my friend...
Nice work on a VERY nice AIRCRAFT - I'll be watching this marvellous build 😊*

Quote:

Originally Posted by **peter taft** 

Are you going to be putting the pistons and con-rods inside each one....🤪 JOKE.... i know it wouldn't be possible 🤔 you wouldn't be able to turn the gudgeon pin TOO TINY 🤖 This is brilliant work here, and like i said before, i will be keeping a close eye on this build my friend 😊

Quote:

Originally Posted by **peter taft** 
This build will be like your favourite soap opera... you will always wait in eager anticipation for the next episode, keep coming back for more...😊

Well Mike, the very first quote above was made 08/08/2009 and so many more that followed... the second one shows just how close to this became the truth NO JOKE, you detailed to the MAX - and the third... umm, i did just that, but sadly this soap opera is on it's final script 😞.

Mike, you are the guy with the build that made my day EVERY DAY ! 😊 Thank you soooo much for this wonderful flight - it's been a pleasure being on board BOMARC AIRWAYS. Be proud, indeed be VERY proud of yourself... the Mitch is BEAUTIFUL 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS



05-02-2010, 09:14 PM

#1275 (permalink)



willygoat 
Member

Join Date: Jul 2007
Location : Papillion ,Nebraska
Posts: 1,489

I can think of just a few words. Wow!!!! and Thank You 🤖🤖🤖🤖🤖



05-02-2010, 09:25 PM

#1276 (permalink)



DJStratoArt 
Member

Join Date: Apr 2010
Location : California
Posts: 34

Good grief!!! That is a beautiful model! 🤖

<http://stratoart.blogspot.com/>
<http://www.youtube.com/user/DJsStratoArt>
<http://stratoart.com/>



05-02-2010, 10:27 PM

#1277 (permalink)



Tapcho 
Member

Join Date: Nov 2009
Location : Vantaa, Finland
Posts: 219

Many modelers battle with the aim of trying to create a meticulous impression of a true down scaled version of the original subject. I always felt that was the wrong way to go. As Mike earlier said (somewhere along here) his ambition is more to create consistency into the build and to the model - as I interpret this it is when everything you see in the model is in perfect balance within itself and that the overall impression is convincing and true to the original. This model is a perfect example of that philosophy. This build has taught me a lot, lot more to be listed here and I must say that mentors like Mike are what makes this forum rock! Thank's Mike for sharing your tips, tricks and modelling magic with us.

Tappi



05-03-2010, 12:50 AM

#1278 (permalink)



pahorace 
Member

Join Date: Apr 2008
Location : Italy (Sicily)
Posts: 388

Thanks Mike,
for this very detailed thread, full of ideas and information modeling.
Was a great tutorial.
The model..... the best!

Ciao, the next.

Orazio



05-03-2010, 12:58 AM

#1279 ([permalink](#))



Gil
Member

Join Date: Jun 2007
Location: Northern Bear Flag Republic (Known as Water World in L.A.)
Posts: 805

It's Over?.....

Mike,

What do you mean it's over? I need some entertainment here! What's next?

Congratulations on what's got to be the best build this site has ever seen! You've given more instruction in one build than the entire tutorial section of this site. That's a great contribution to the art...

Best regards,
+Gil



05-03-2010, 06:17 AM

#1280 ([permalink](#))



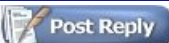
DavidESP
Member

Join Date: Feb 2008
Location: Southern Spain
Posts: 55

Fantastic build. The tricks and parts design are super detailed. I have learned a lot from the build.

Good day

Retired... Southern coast of Spain....
Doesn't get much better than that!!!!



Page 128 of 130 << First < 28 78 118 126 127 **128** 129 130 > ▾

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 03:37 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
Orlik PBJ-1H Mitchell

User Name Remember Me?
Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 129 of 130 << First < 29 79 119 127 128 **129** 130 > ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

05-03-2010, 06:53 AM



legion
Member

#1281 ([permalink](#))

Join Date: Jun 2009
Posts: 254

Checks pulse

Nope, still dead from the awesome work!

print, cut, score, fold, glue, gloat.

[www.n15.nl](#) Total Annihilation paper models.

Current wip: [Heinkel He100 D-1](#) [Airbus A340-300](#)

[Quote](#)

05-03-2010, 06:56 AM



Don Boose
Member

#1282 ([permalink](#))

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,726

I woke up to your walk around photo shoot, Mike. It's a fitting culmination of one of the greatest model building projects, build threads, and narratives ever. We are all very lucky to have been along for this incredible journey. Many thanks for making us all part of the adventure. And best wishes for your future endeavors.

Don

[Quote](#)

05-03-2010, 07:12 AM



rickstef
Administrator

#1283 ([permalink](#))

Join Date: Jun 2007
Location: Bear, Delaware
Posts: 2,242



Umm Mike,

I don't know how to tell you this, but did this aircraft have a convertible option on the Tail Gunner position?

Just asking, you know

"Rock is Dead, Long Live Paper and Scissors"

[International Paper Model Convention Blog](#)

<http://paperdakar.blogspot.com/>

<http://picasaweb.google.com/rickstef>

"The weak point of the modern car is the squidgy organic bit behind the wheel." Jeremy Clarkson, Top Gear's Race to Oslo

[Quote](#)

05-03-2010, 07:34 AM



Bomarc
Member

#1284 ([permalink](#))

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

Quote:


Originally Posted by [rickstef](#)

....but did this aircraft have a convertible option on the Tail Gunner position?


sigh There's always one joker in the bunch.....Well Rick, truth be told (looks around to be sure no one else is listening) *I lost the original part of the canopy that was cut off.* I was going to lay it on the stabilizer for the pics, but it was nowhere to be found. I have lots off spares, so will cut out the require portion from one of those in time for it's public debut at the Army Heritage event.

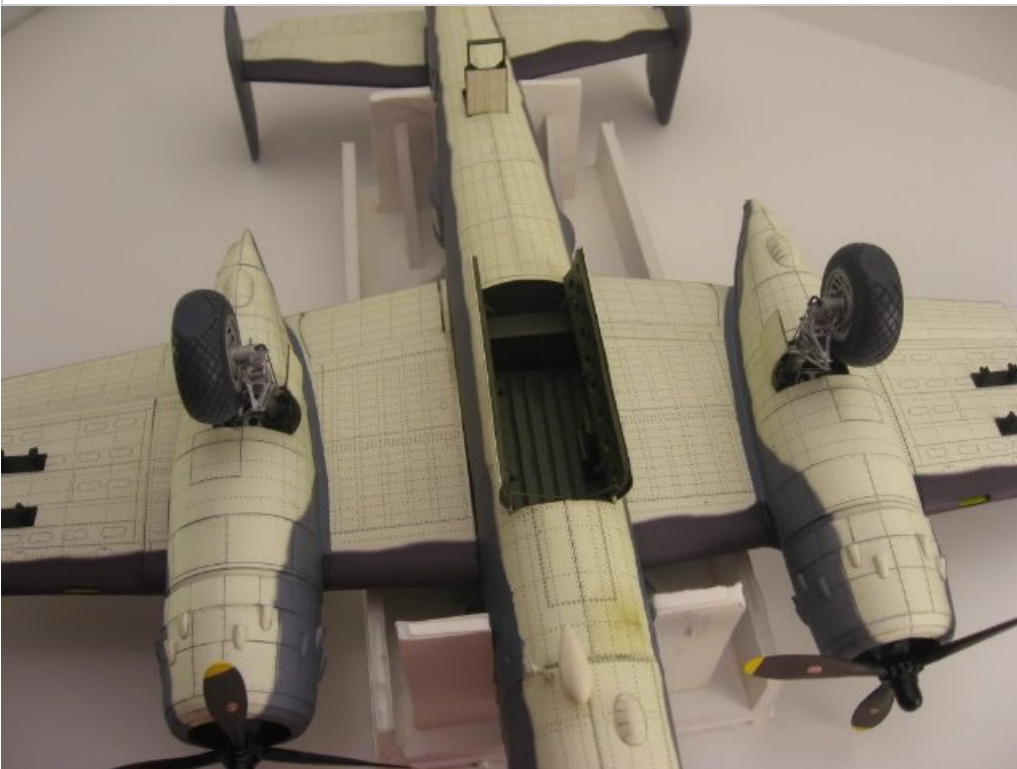
Thank you all for the kind words and well wishes. I feel kind of lost at the moment. I don't think it's sunk in yet that the model is (ahem) *mostly* done* (see above...).


I'll post a final commentary later tonight or tomorrow after I had a chance to collect my thoughts. In the meantime some last pics before I took down my makeshift photo shoot area:

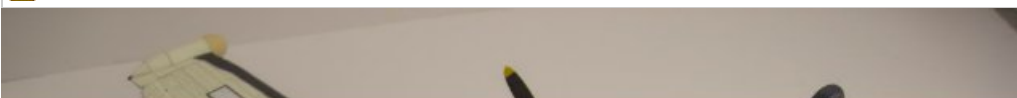
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x718.

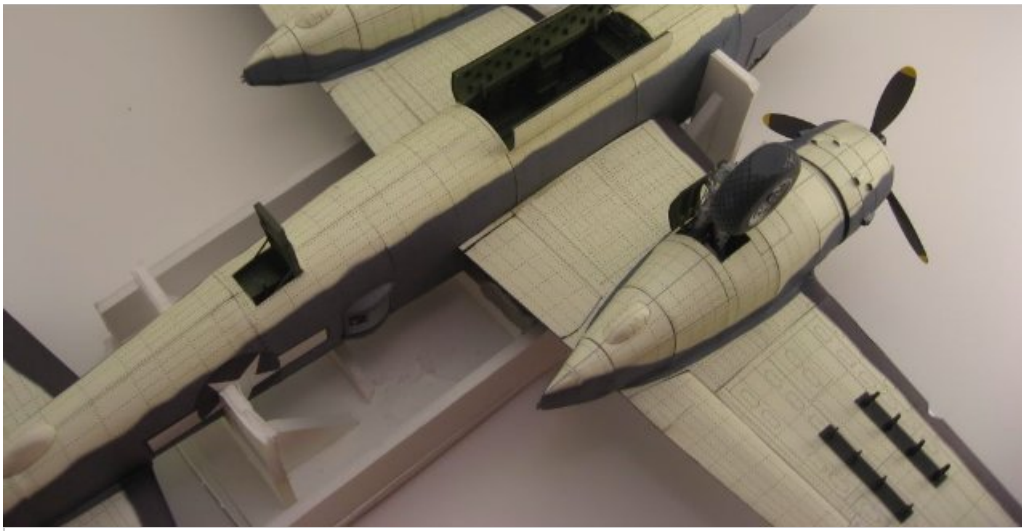



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.






 This image has been resized. Click this bar to view the full image. The original image is sized 1023x752.




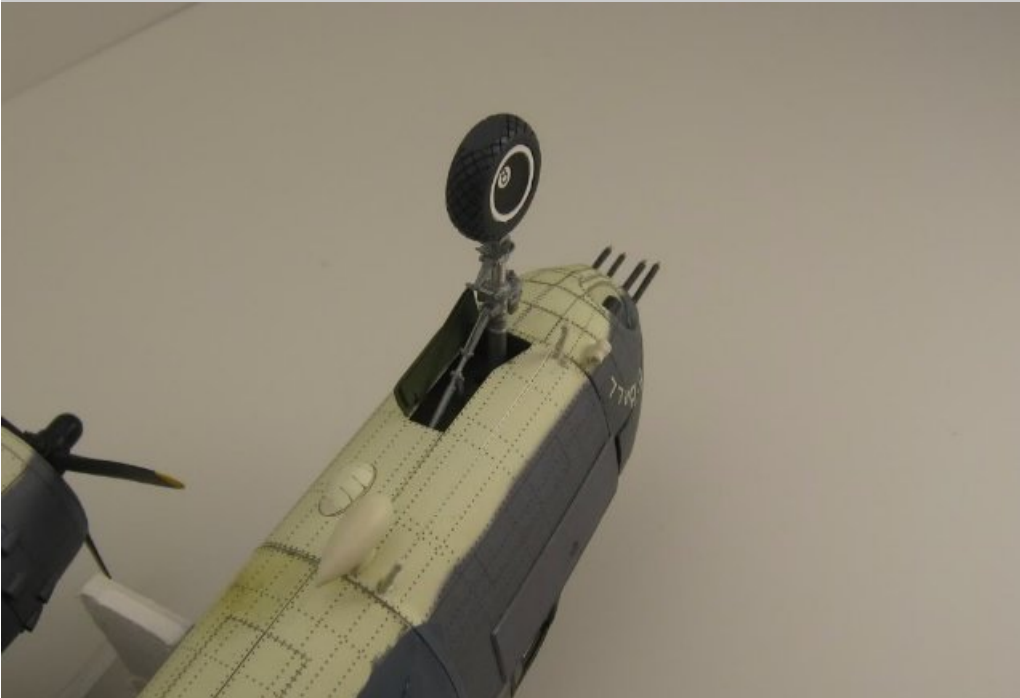
 This image has been resized. Click this bar to view the full image. The original image is sized 1023x699.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x692.




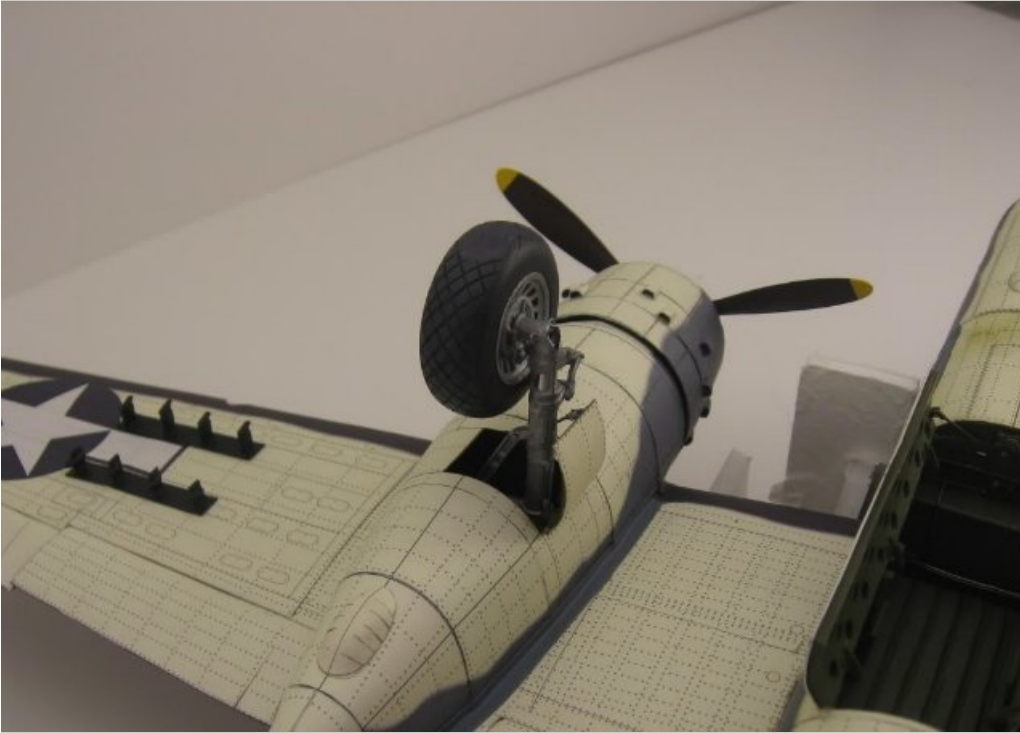
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x698.




 This image has been resized. Click this bar to view the full image. The original image is sized 1024x728.




 This image has been resized. Click this bar to view the full image. The original image is sized 1023x729.



 This image has been resized. Click this bar to view the full image. The original image is sized 1023x797.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x768.





 This image has been resized. Click this bar to view the full image. The original image is sized 1024x777.



Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)



05-03-2010, 11:47 AM



[billy.leiveld](#)

Member

#1285 ([permalink](#))

Join Date: Oct 2007
Location: Rotterdam, Holland
Posts: 1,123

I'm going to miss this one everytime I open my my mail;

Reply to thread 'Orlik PBJ-1H Mitchell' 😊

Thanks Mike for keeping us drooling for almost a year..
But we know there's a museum waiting for this one 🇳🇱

Cheers, Billy

<http://maps.google.com/maps/ms?ie=UT...,76.728516&z=4>



05-03-2010, 07:46 PM

[cmdr199212](#)

Member

#1286 ([permalink](#))

Join Date: Jul 2008
Posts: 207

:bows: Mike, I'll have to say I think that is the most accurate reproduction I have ever seen, certainly in paper, none better!



05-03-2010, 09:31 PM

#1287 ([permalink](#))



John Bowden
Member

Join Date: Jul 2007
Location: Madison, MS USA
Posts: 856

Damn..... sure wish I could see this one in person. I envy all those that will get to see it at the Amry Heritage Days!!!

Maybe I'll get luck one day!

Oh..... Congratulations on such a great build and thread. Like Gil, I too look forward to the next one!

john

www.dgapapermodels.com

[My Drawings](#)



05-04-2010, 06:02 AM

[#1288 \(permlink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

Parting Shot

Well, here we are.

Frankly, I never thought I get to this post, at least not this soon. I figured one thing or another would stop production, the pieces would sit, collecting dust. Then one day I'd find the time to blow off the dust and fiddle with this or that, maybe make a new part, glue something.....

But it didn't happen that way did it? Dodged a bullet on that one!! So, what can be learned from all this?

"That Mike needs to get a life"

Exact....hey...!! Well, that may be very much true, BUT I also would hope that what one takes away from this mess is: Set a path for your project (and they're all projects from the tiniest FG biplane to a massive aircraft carrier in 1/24th scale) and stick to that path to the bitter end. In architectural design, we call it "Parti" (no, not Party, this isn't a frat house). It's French, and I believe its literal translation is "make a decision", but we always knew it as "the big idea". So next model you start, come up with a *parti*, and see it through. I think your model will be all the better. Tappi summed it up pretty well:

Quote:

Originally Posted by **Tapcho**

Many modelers battle with the aim of trying to create a meticulous impression of a true down scaled version of the original subject. I always felt that was the wrong way to go. As Mike earlier said (somewhere along here) his ambition is more to create consistency into the build and to the model - as I interpret this it is when everything you see in the model is in perfect balance within itself and that the overall impression is convincing and true to the original. This model is a perfect example of that philosophy. This build has taught me a lot, lot more to be listed here and I must say that mentors like Mike are what makes this forum rock! Thank's Mike for sharing your tips, tricks and modelling magic with us.


Thanks Tappi. But regardless of what Tappi or I say, just keep building. Make your next build better than your last. And post lots of pictures when you do.

Here's something I've learned. The greatest satisfaction one can get from this (or any) hobby is when you can share your progress and ultimate finished work with great folks. I've enjoyed enormously the give and take that has gone on in this thread, and this build would not have been half as fun without you guys here. You know who you are. You don't? Well I do:

3Turner, alfadoc, Amazyah, AndrewO, barry, batidores, billy.leliveld, birder, Blackronin, B-Manic, buffalowings, coyle, cdavenport, cdwheatley, chanovx, CharlieC, chiawatkom, Clashster, cmags, cmdr199212, CMDRTED, dansls1, DavidESP, descartes, dhanners, DJStratoArt, Don Boose, dovbear, eatcrow2, felixalv, flying rasta, Foxbat, Gharbad, Gil, Golden Bear, GreMir, jagolden01, Jim Nunn, jmueller, John Bowden, KCStephens, kenlwest, kinshipp, legion, lemuel, Itla9000311, mark, medved, milenio3, NYC Irishman, OldTroll, Padre, pahorace, Papercut, Pavel, Peter A. Zorn, peter taft, redhorse, Retired_for_now, rickstef, rman, Ron0909, Ron40, Royaloakmin, Sakrison, shawnr5, shrike, sidewinder81777, SJPONeill, smyfe, solo67, spencermitchellmusic, Stev0, Tapcho, Texman, tg1968, the hermit, William (bill) Amos, Willja67, willygoat, Wily, WVA, Wyvern, Yale, yang4978, YuG, Zathros

Give yourself a hand gentleman! Whether you only posted one "gee, nice" post, or several "Get it right!!" posts (*Mr. Taft*), I appreciate them all. Thanks to all the good intel and advice this model is most definitely the better for it. Thank you all. And to those who have than thanked me, it was entirely my pleasure.

So I guess that's it. Oh look, my NAA girl has stopped by to say goodbye (I think she knows her days are numbered as I look for a new mascot for the next "great" build):

 This image has been resized. Click this bar to view the full image. The original image is sized 928x807.



What's that? Yes, yes I do believe there *is* quite a market for girls who specialize in modeling cannon shells. You should have no trouble finding a new job.....(poor girl, she hasn't a clue).

Anyway, I had thought to end this with "class dismissed", but this wasn't a class so much as an exchange of ideas. So, instead, given that the very subject of this model helped to achieve the victory that ultimately allowed General Douglas MacArthur to end WWII with four words, I use those four words here:

"These Proceedings Are Closed"



Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)





milenio3
Member

Join Date: Jul 2007
Location: Monterrey, Mexico
Posts: 856

What...? Is it over...? I mean... is it complete then? Not that I don't drool...

I chime in with Rick... how about different kind of bombs, or a ladder, or...?

Oh well... Everything has a beginning and an end.

Such a great building report, Mike... lots and lots of lessons in this thread... **Thank You!!!**

- Gerardo

Paper Modeling in Mexico

Visit my [Blog](#) and [Forum in Spanish](#) on Paper Modeling



05-04-2010, 08:02 AM

#1290 (permalink)

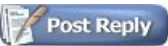


peter taft
Member

Join Date: Jun 2009
Location: Nottinghamshire
Posts: 1,500

Mike..... you tinker, you finally made me cry - Sad that it's all over 😞 but happy at the thought of being BOMARC'd again 🇺🇸
Enjoy your rest... but not toooo long hey 😊

A member of the: RAMBLINGS OF PEOPLE WHO REFUSE TO GROW UP THREAD by: GIXERGS



Page 129 of 130 << First < 29 79 119 127 128 **129** 130 > ▾

<< [Previous Thread](#) | [Next Thread](#) >>

Posting Rules

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 03:38 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2

[PaperModelers.com](#) > [Card Models](#) > [Model Builds](#) > [Aviation](#)
[Orlik PBJ-1H Mitchell](#)

User Name Remember Me?

Password

[Register](#)[FAQ](#)[Community](#) ▾[Calendar](#)[Today's Posts](#)[Search](#)[Post Reply](#)

Page 130 of 130 << First < 30 80 120 128 129 **130** ▾

[LinkBack](#) ▾ [Thread Tools](#) ▾ [Display Modes](#) ▾

05-04-2010, 10:46 AM

[#1291 \(permalink\)](#)



smyfe
Member

Join Date: Mar 2008
Location: West midlands, UK
Posts: 239

Well Mike, all i can say is you have well and truly smacked my gob 🙄🙄🙄 many times along this masterpiece of a thread, but the end result is something from another dimension, as i could only ever fantasize about building models of this quality, roll on the next one, more engines by any chance? 🙄🙄🙄

Best wishes
Mick

A member of: The Ramblings of people who refuse to grow up thread by: GIXERGS

[Quote](#)

05-04-2010, 11:22 AM

[#1292 \(permalink\)](#)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 774

Mick, I don't know if I would publicly admit Mike smacked my gob!

Ray

Don't squat with yer spurs on.....It's gonna hurt

[Quote](#)

Yesterday, 06:21 AM

[#1293 \(permalink\)](#)



Bomarc
Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

Ray....I think we all know what Mick meant (funny though).

Thanks Mick!

Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)

[Quote](#)

Yesterday, 06:42 AM

[#1294 \(permalink\)](#)



Texman
Lilliput Transportation

Join Date: Jul 2007
Posts: 774

Well of course we knew what he meant! I spent two fun years in the UK, and picked up alot of expressions that make the others do a double take!

Ray

Don't squat with yer spurs on.....It's gonna hurt



Yesterday, 07:03 AM

#1295 ([permalink](#))



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

A gentleman I work with is from the UK, and he sent this link to everyone in the office in the hopes we could understand his "English" better:

[The Best of British - The American's guide to speaking British...](#)

I'm still working on "tinker" though, Peter used it in a post above.

Mike

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)



Yesterday, 07:09 AM

#1296 ([permalink](#))



Don Boose

Member

Join Date: Jul 2007
Location: Carlisle, Pennsylvania
Posts: 4,726

Pukka gen!



Yesterday, 01:27 PM

#1297 ([permalink](#))

felixalv

Member

Join Date: Mar 2009
Posts: 9

Felicidades Mike, sin duda es uno de los mejores trabajos que he visto hasta ahora realizados en papel, eres todo un maestro, la cantidad de trucos que has utilizado para tu construccion también será una muy buena referencia para los que estamos comenzando con este hobby.

Gracias por mostrar como se hace un modelo en papel ;-)



Yesterday, 04:06 PM

#1298 ([permalink](#))



Bomarc

Member

Join Date: Jul 2007
Location: Burke, Virginia
Posts: 792

Gracias a mi amigo! Me alegro de que finalmente llegó a ver a mi Mitchell completado!

Mike

Who's glad there's Google Translate...

"Please to continue"

Completed! [PBJ-1H Mitchell](#), Review [here](#)
Moderator [here](#)



Yesterday, 07:16 PM

#1299 ([permalink](#))

CMDRTED

Member

Join Date: Oct 2007
Location: Avondale, Pa.
Posts: 407

Congrats, if I live another thousand years I'll never come close to this masterpiece. I don't know what you drink but right now I'm having a shot of 10 yearold Island of Islay to your honour Sir!!! HUZZAAHH!!!





cMags
Member

Join Date: Jan 2009
Location: Marietta, GA
Posts: 727



Quote:

Originally Posted by **CMDRTED**

Congrats, if I live another thousand years I'll never come close to this masterpiece. I don't know what you drink but right now I'm having a shot of 10 yearold Island of Islay to your honour Sir!!! HUZZAAHH!!!

I'll drink to that. My whiskey on hand is a bourbon, the purchase of which was prompted by a recent build (and yes, according to Bud himself, the plane was christened in honor the whiskey).



Here's to the closure of an excellent chapter in PM history, a contribution to the community that sets the bar to which all detailed builds will be compared, a reference for those who will try, a lesson in dedication, and one in humility, but most of all an example of passion and fun. Well done Mike. Cheers!

Current build: [Marek Albatros D.III \(Oeffag\) - 1:72](#)
Previous builds: [cMags' Card Model Builds](#)



Post Reply

Posting Rules 

You **may not** post new threads
You **may not** post replies
You **may not** post attachments
You **may not** edit your posts

[BB code](#) is **On**
[Smilies](#) are **On**
[\[IMG\]](#) code is **On**
HTML code is **Off**
[Trackbacks](#) are **On**
[Pingbacks](#) are **On**
[Refbacks](#) are **On**

[Forum Rules](#)

All times are GMT -6. The time now is 03:39 AM.

[Contact Us](#) - [Paper Modelers](#) - [Archive](#) - [Top](#)

Powered by vBulletin®
Copyright ©2000 - 2010, Jelsoft Enterprises Ltd.
Search Engine Friendly URLs by [vBSEO](#) 3.3.2