

EAM BOMBER 17 FUSE INSTRUCTIONS

While the wing is drying and BEFORE you install the cap rib on the wing, cut out the pre defined holes in the fuse. Cut the fuse holes, the front hole is not critical that you match the size just yet, but the other two are important. You can cut it close and then file it out with a rat tail file or a round file.



Insert a 1 " tube (or the phenolic sleeve of a 7/8" wing tube) and the 7mm carbon fiber tube supplied. Slide the cap rib over and mark the holes that need to be cut into the fuse. Cut the fuse holes, the front hole it is not critical to match the size just yet, but the other two are important. You can cut it close and then file it out with a rat tale file or a round file.

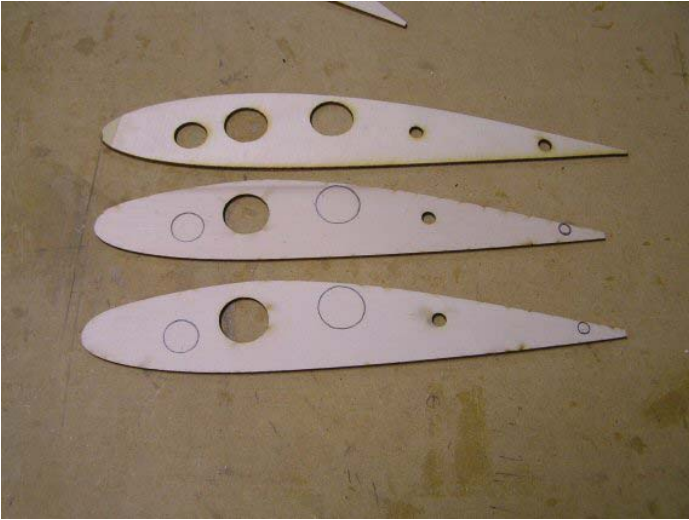


Once the holes are cut out, they should look like this.

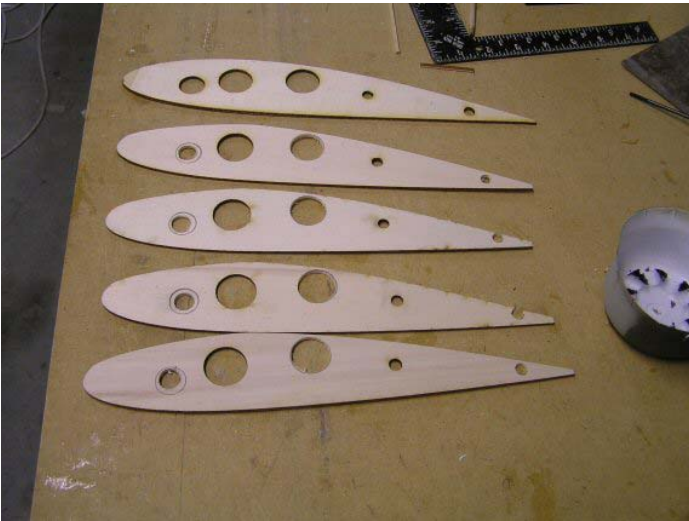


Inside view.

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Early versions of the inside supports were not cut for all the holes. It will be necessary to mark and cut them out. Line them up with the wing cap rib and mark. Cut to the inside of the line and increase the size as necessary to match either a 1" aluminum wing tube or a phenolic sleeve from a 7/8" wing tube.

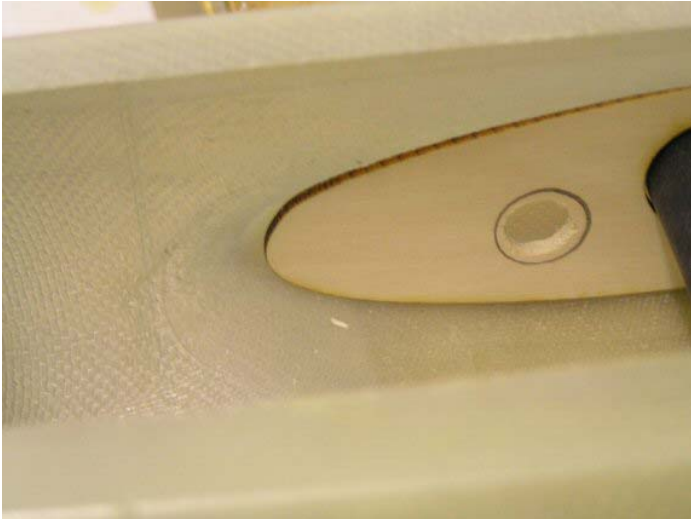


Cut outs should look like this. If the inside supports already have the holes, then this step is not necessary.

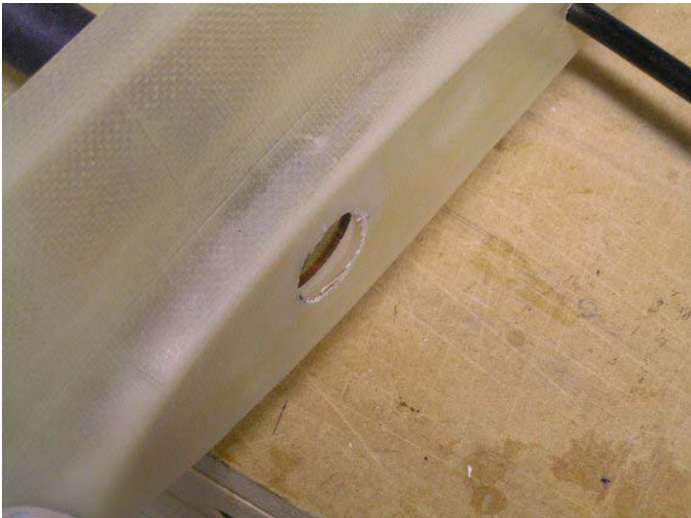


Next place the inside supports against the fuse as pictured. As cut they will not fit flush against the fuse, trimming will be required.

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You can see here that the brace is not flush with the fuse. Trim away as necessary to get the brace flat against the inside of the fuse. Repeat for both sides.



This shows how far the brace might be from being flush.



Once the braces are flush, cut the phenolic tube off with about $\frac{1}{4}$ " protruding from each side, be careful and don't cut it off to short. Put some Vasaline on the metal tube, or extra phenolic tube and the 7mm carbon tube. Put glue (Poly Urethane or Epoxy) on the side of the brace to attach to the fuse and around the area of the phenolic tube that was cut to fit (center tube in this picture), where it will contact the brace and fuse. Assemble as shown and use some hard wood or bamboo chop sticks to help push the brace against the fuse. Use as many as necessary to get a tight fit.

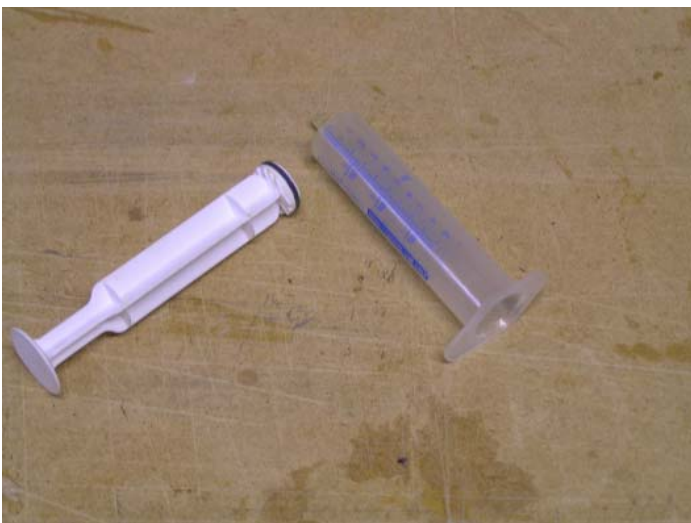
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The rear former is located just aft of the top hatch. The line indicates roughly where it is located.



Looking rearward the former should be installed like this. The servo tray and braces are included and should be glued to the former BEFORE installation.

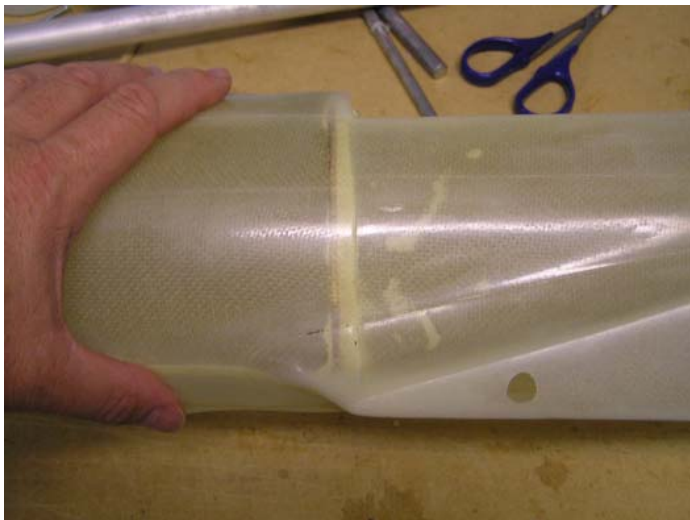


When working in a tight location I will use a child's medicine dispensing syringe. Set up your pieces and know how to get them in, work quickly.

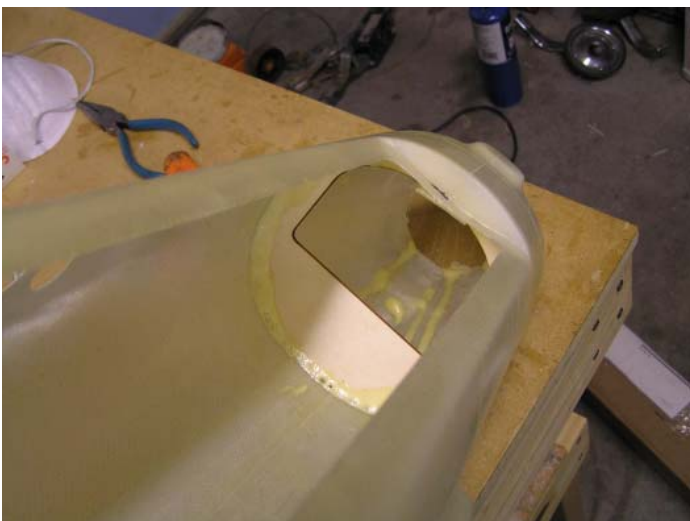
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Another view of the former, polyurethane glue will expand to fill the gaps and give a good strong joint.

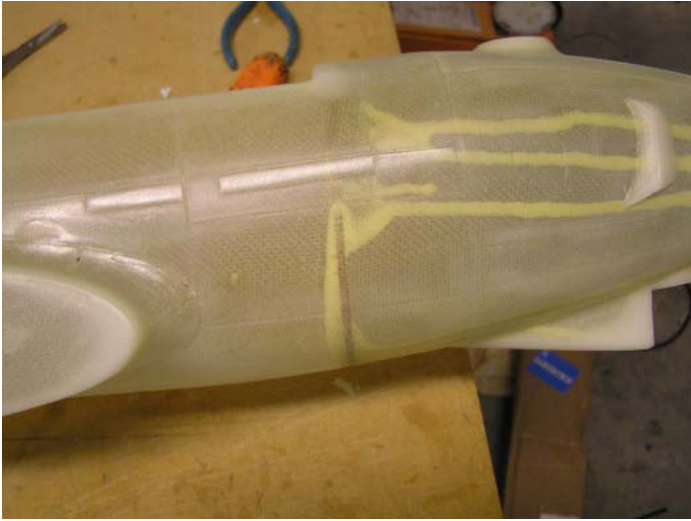


Rear former location.



The front former is located just ahead of the top hatch. There are no brackets to be mounted to this, currently.

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This shows the location of the front former. After applying the glue, wipe up the excess with a damp paper towel, so it doesn't run, like this!