

## Rutledge Flyer

Please read the instructions before starting construction.

When opening the kit, you will notice the smell of burned wood. This is because the parts are laser-cut, which literally means a very tight light beam burns through the material. You may also notice some soot at the cut edges. The amount of soot depends on the material used. You can considerably reduce it by gently wiping at least the bigger and easy to reach edges with a soft cloth or household tissue.

PVA or equivalent glue will be required to glue parts together. Give glue enough time to dry. Wipe away any excess glue immediately using a fine cloth or the tip of a toothpick. A sharp hobby knife is needed to remove parts from the sheet. Be careful and always cut away from your body. Fine sandpaper may be useful to clean these areas or any tight-fitting joints. Clamps, pegs and elastic bands may help during the construction of the kit. Make sure that the parts are aligned correctly before applying any of these tools.

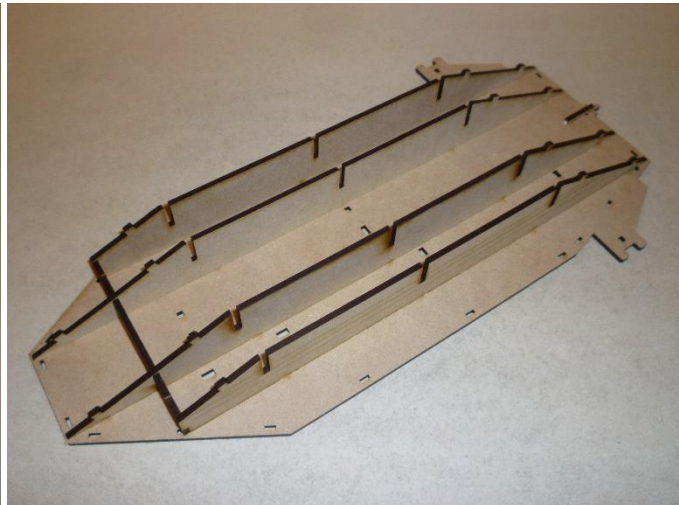
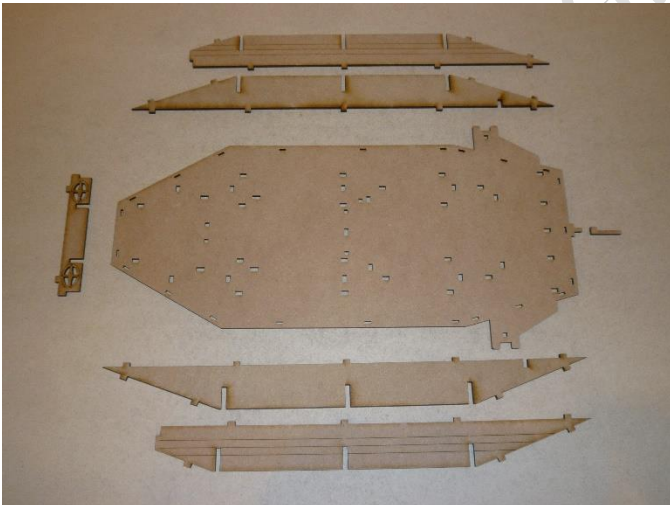
### General pre-assembly preparations

You will achieve the best results in finishing this kit when you follow the steps listed below. Always double check with the provided pictures before gluing parts together and moving on to the next step.

Please keep in mind that - in general - engraved sides of parts are considered “outside”; not engraved sides are “inside” or positioned less visible once the kit is finished.

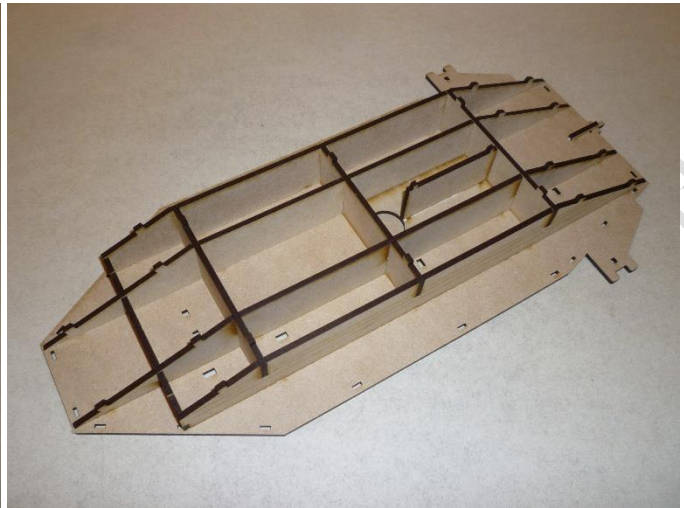
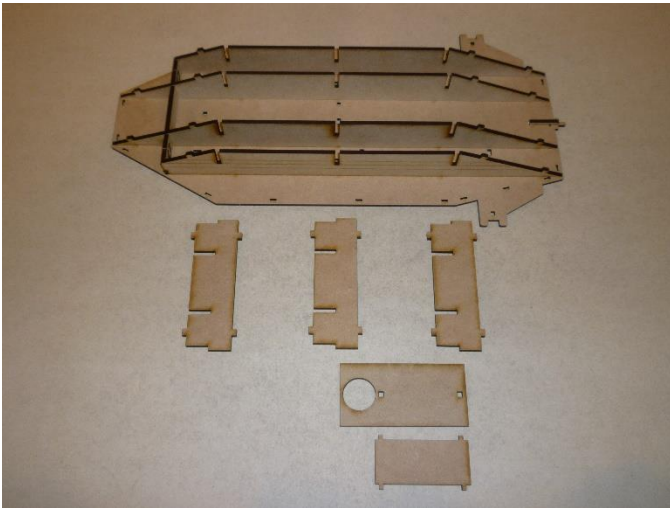
### Assembly

1.

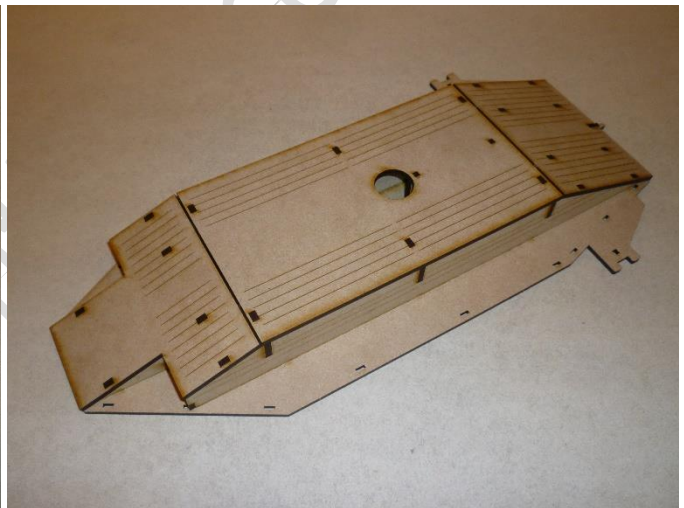
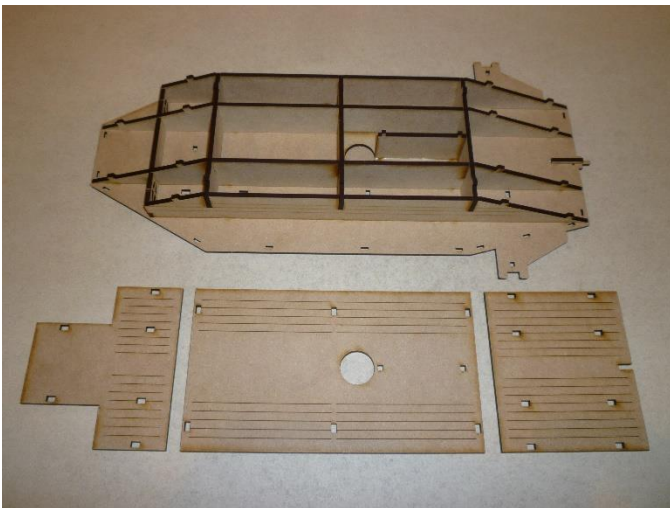


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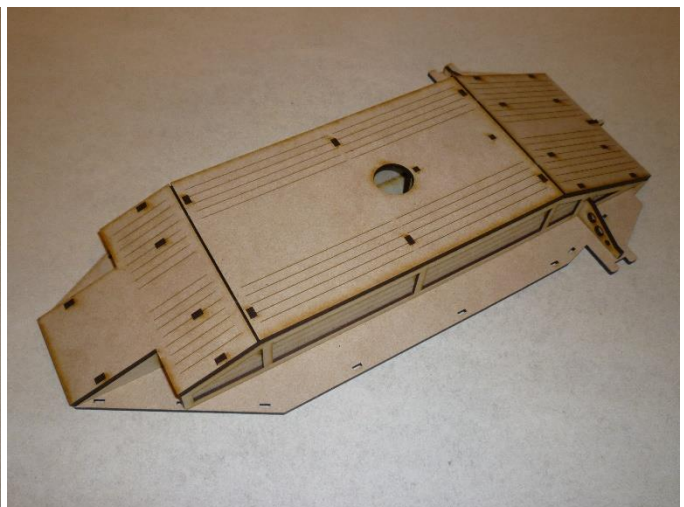
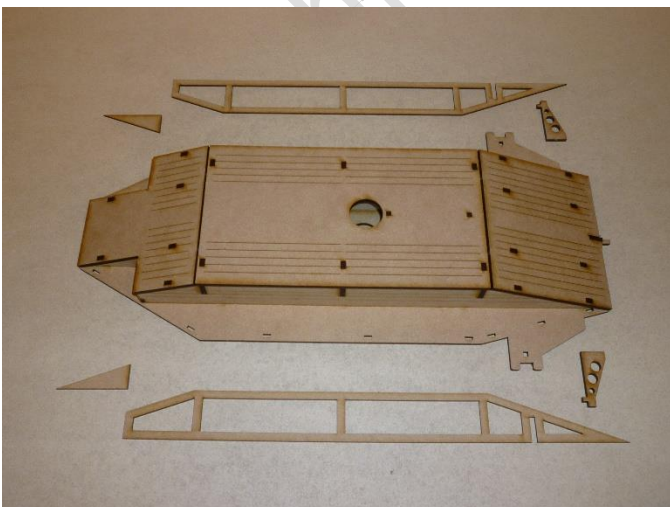
2.



3. Let dry thoroughly!



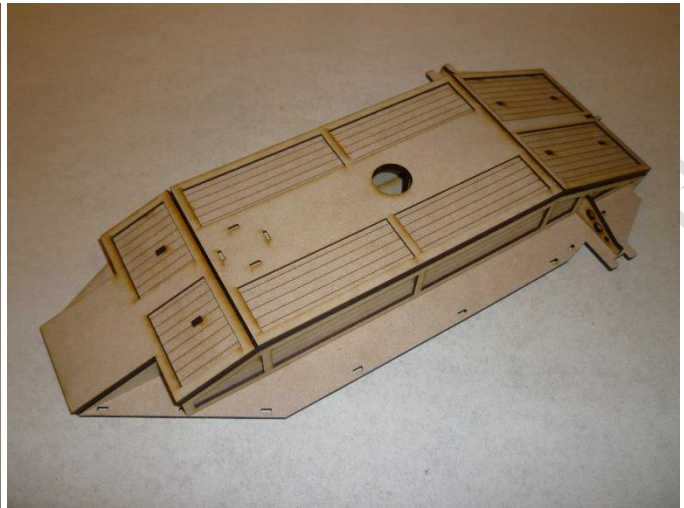
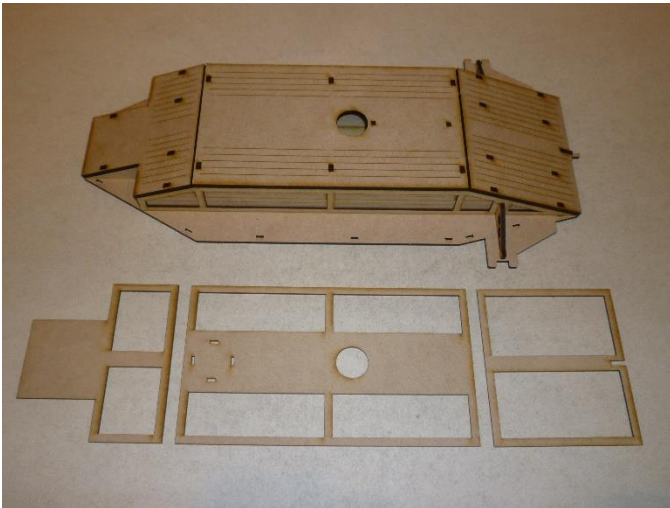
4.



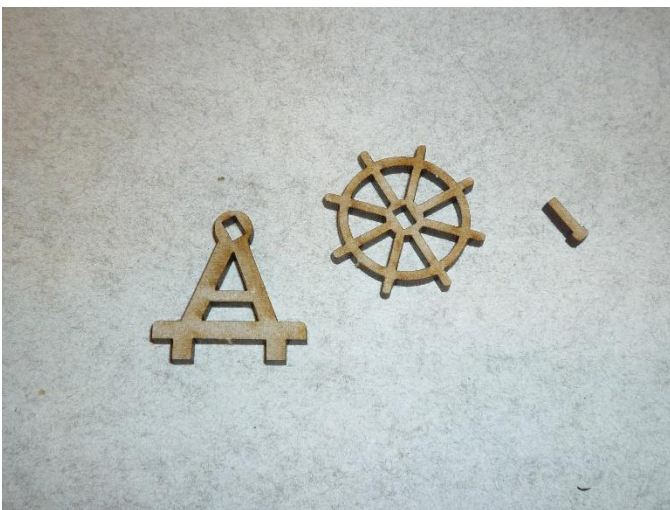


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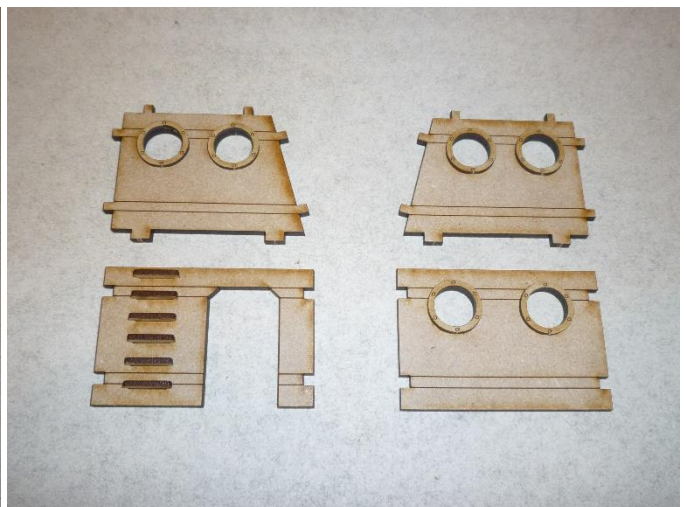
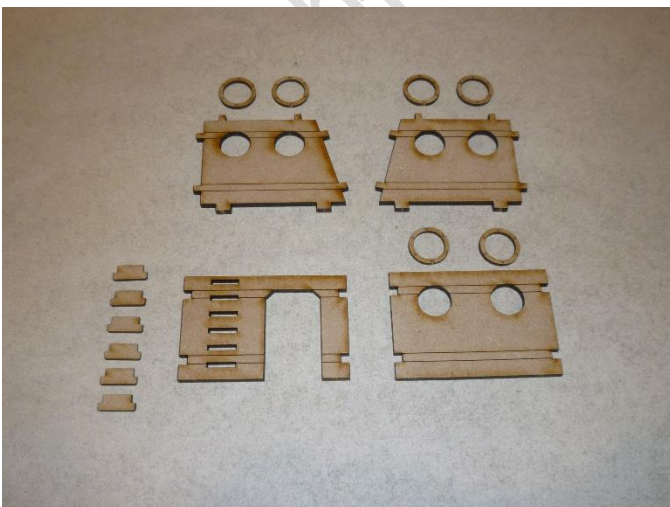
5.



6.



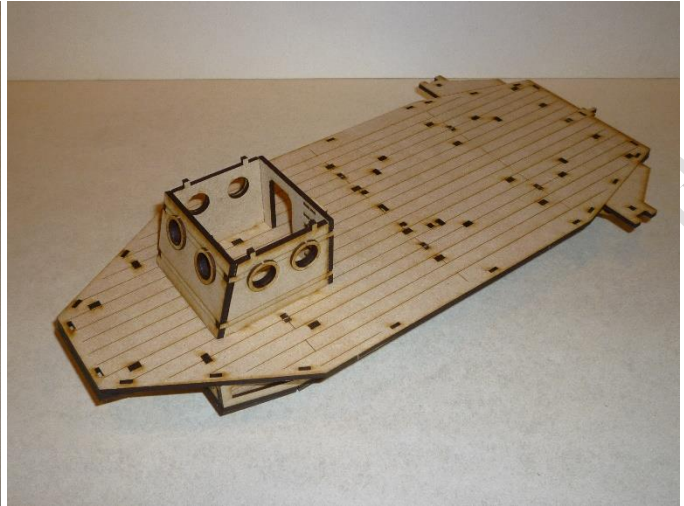
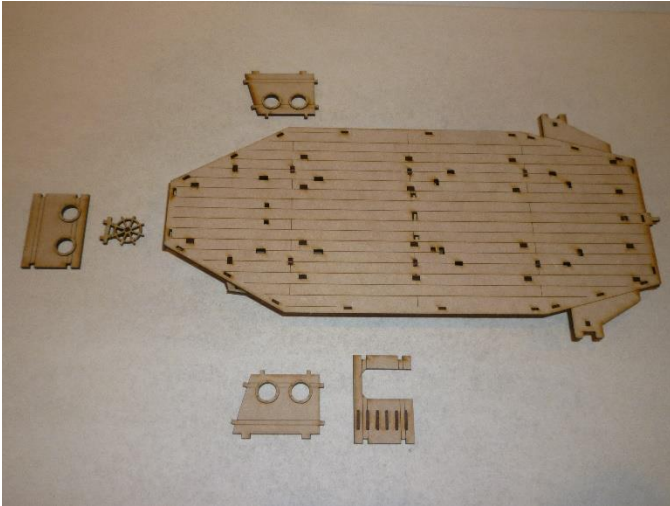
7.



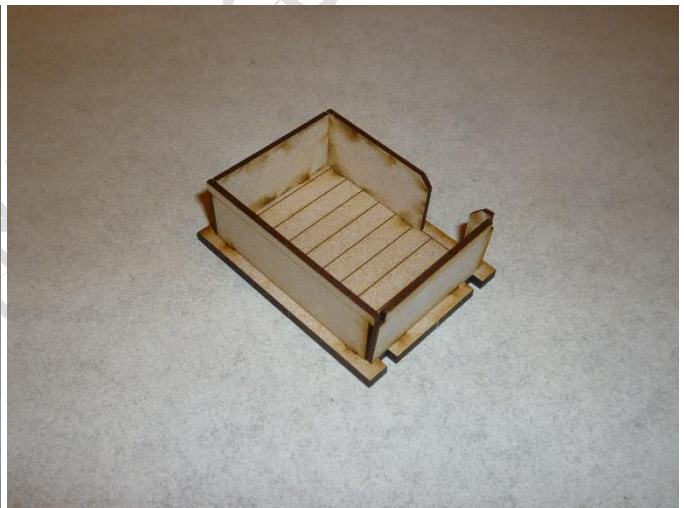
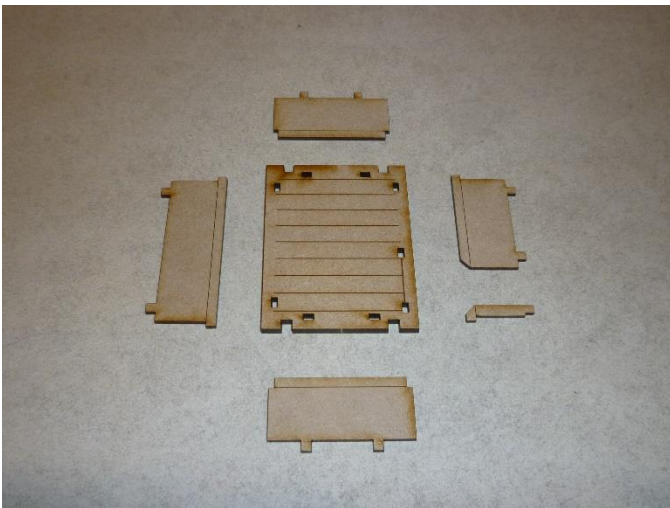


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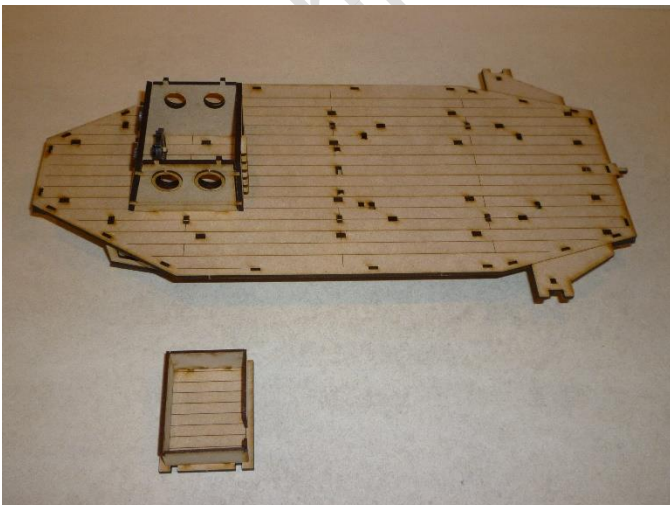
8.



9.



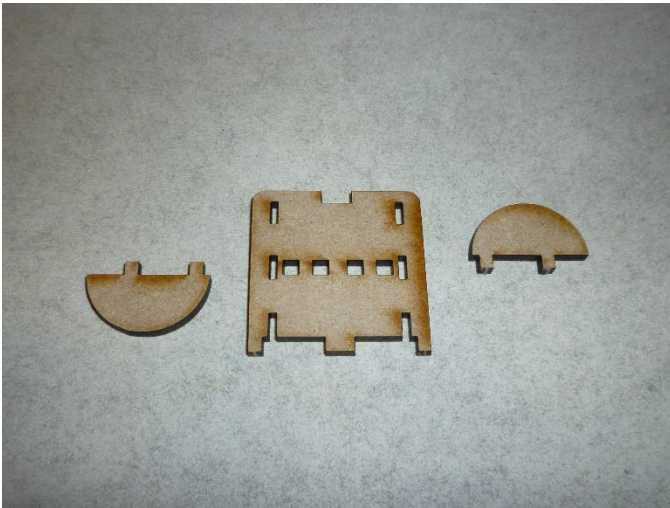
10. Do NOT glue roof in place!



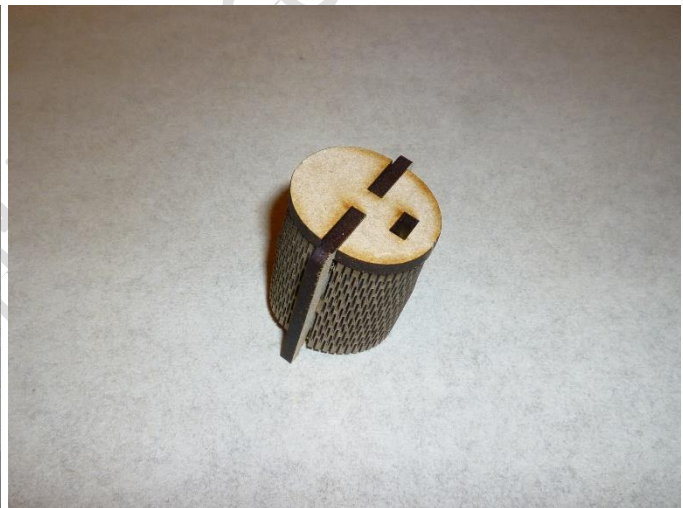
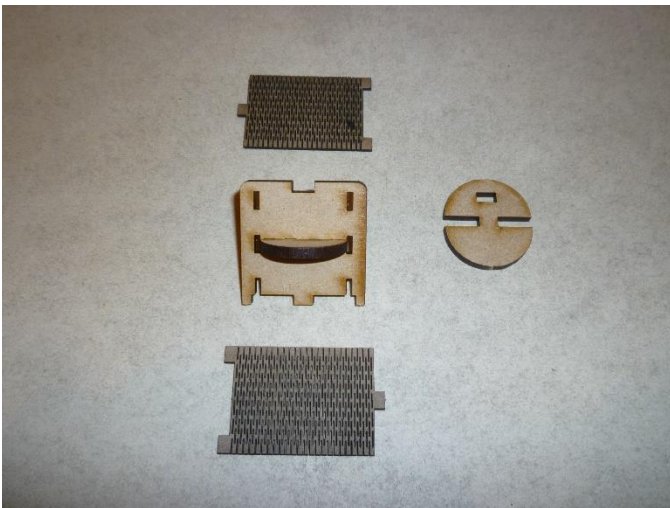


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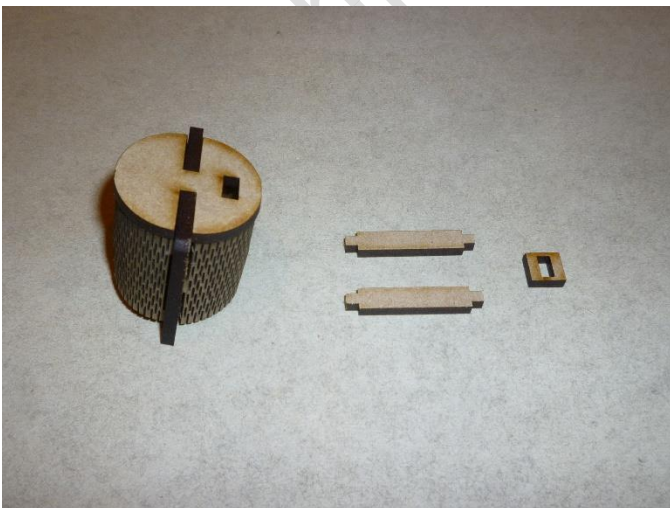
11.



12. Carefully bend boiler parts into shape!



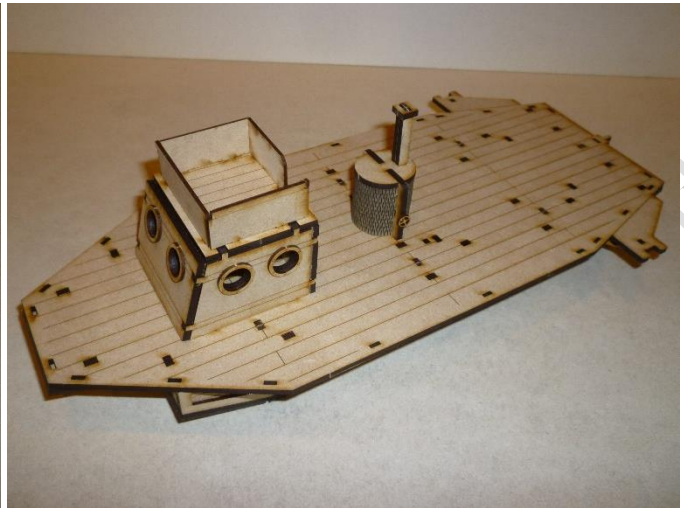
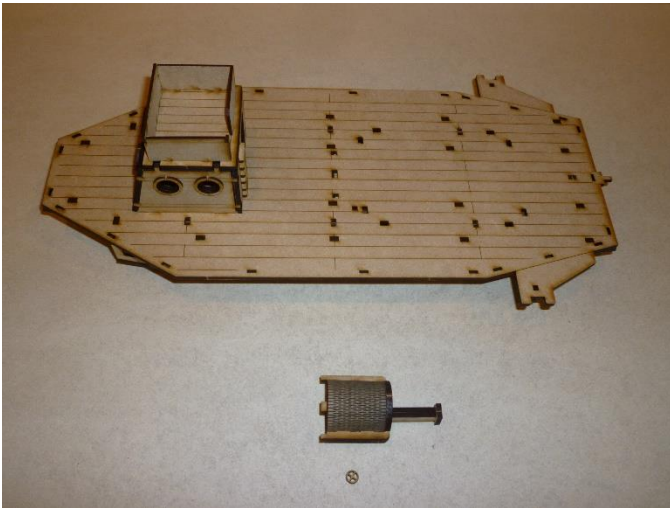
13.



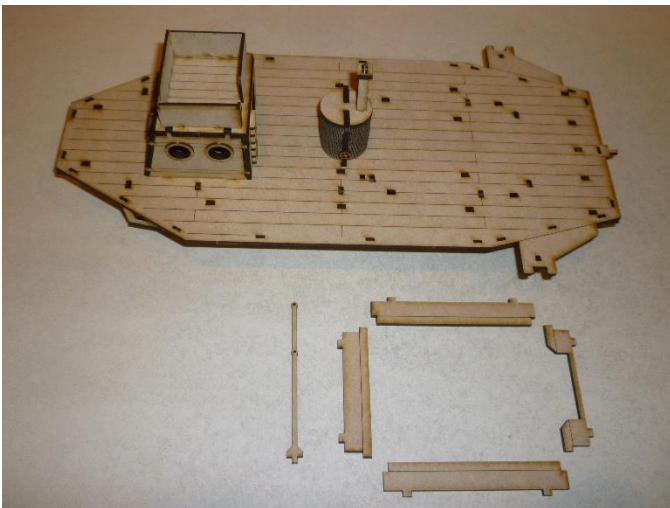


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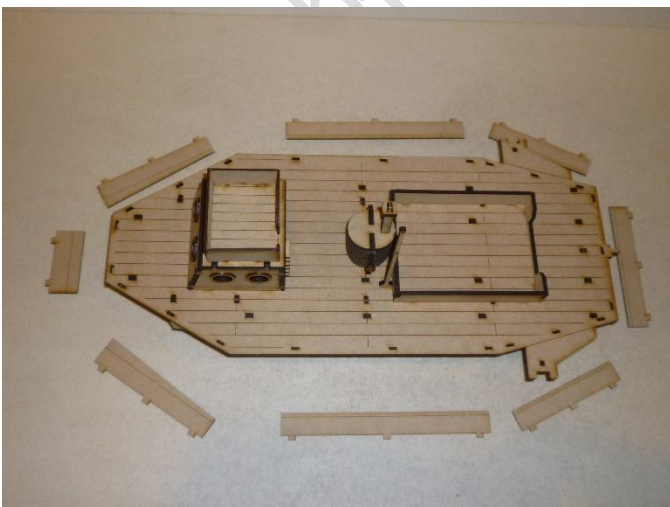
14.



15.



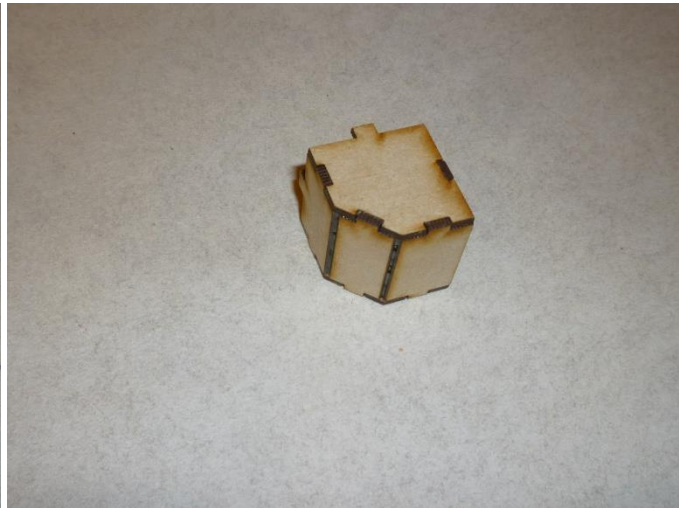
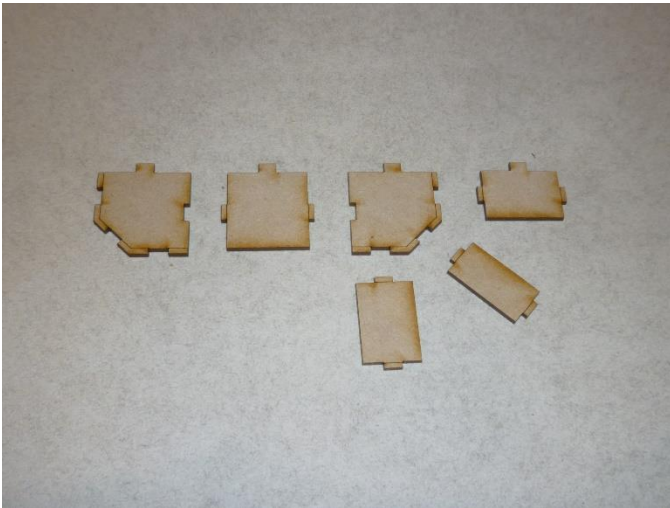
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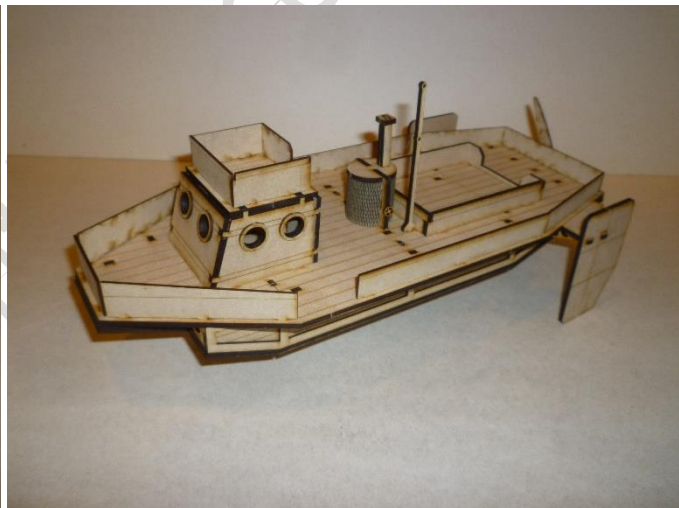
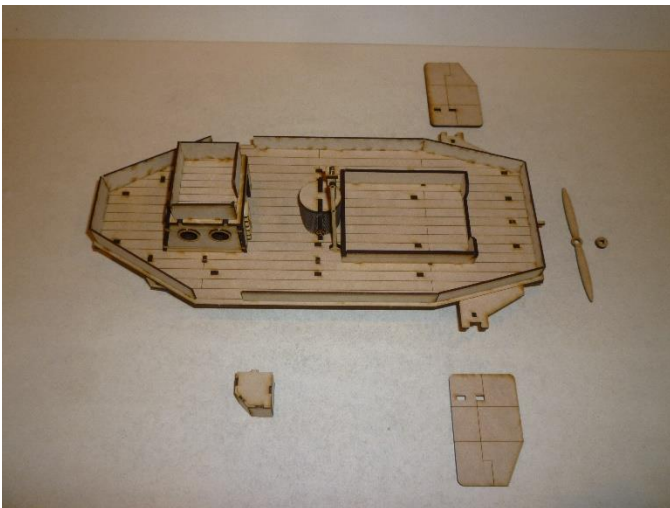


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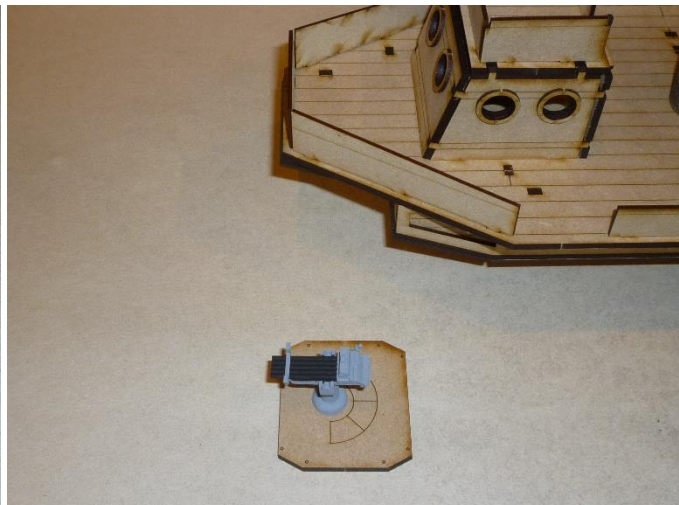
17.



18. Do NOT glue propeller!



19. Magnetize gun. Make sure that it is aligned correctly so that the gun is fixed to the deck section!

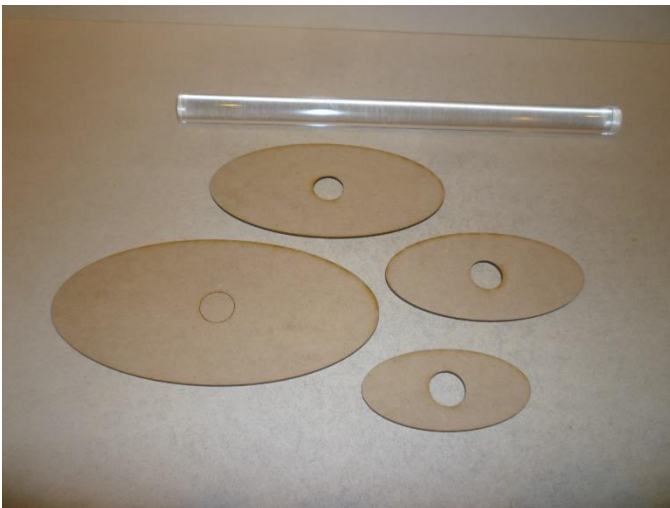


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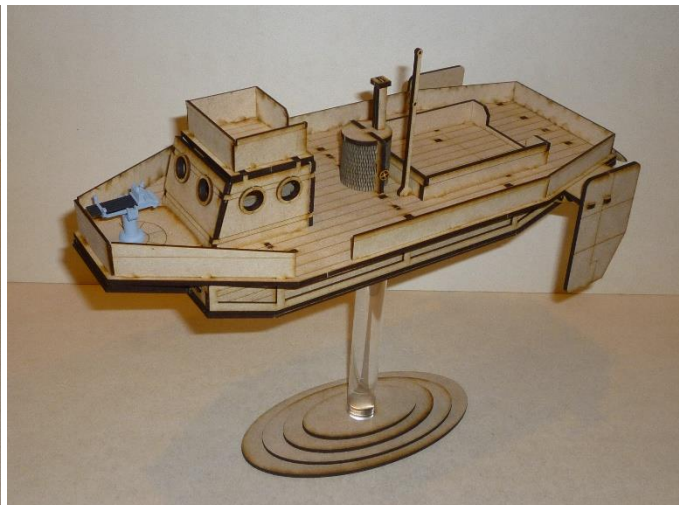
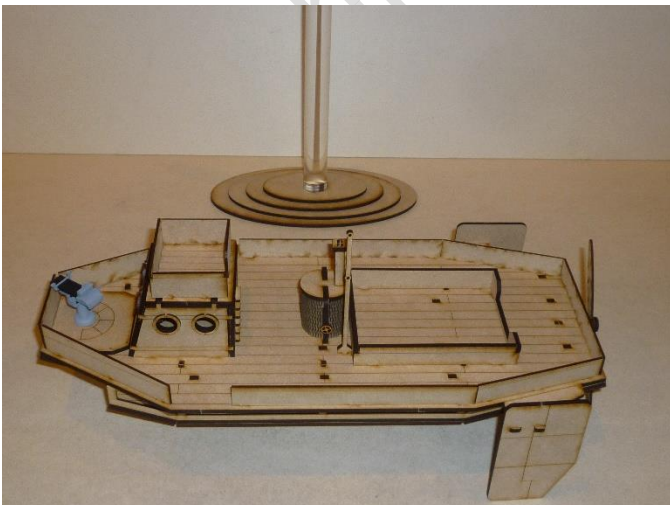
20. Use of gun is optional. Do NOT glue on main deck!



21.



22. Insert acrylic rod into underside of the ship's hull.





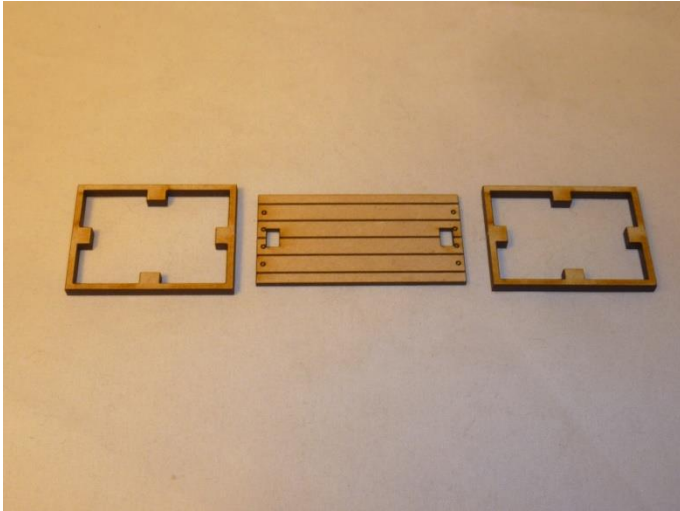
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## Big Crates (only applicable when you purchased the Rutledge Flyer with Cargo kit)

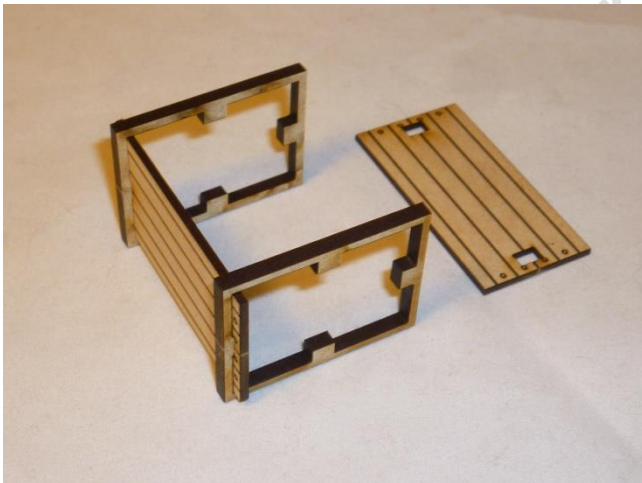
**Tip:** Construction of the crates follows the same principle, no matter if the crate is square or rectangle in form, with two or three supports!

Glue one wall into the two supports. You may choose if you prefer the engraved sides on the inside or outside.

**Make sure to use the wall that is as wide as inside of the supports!**

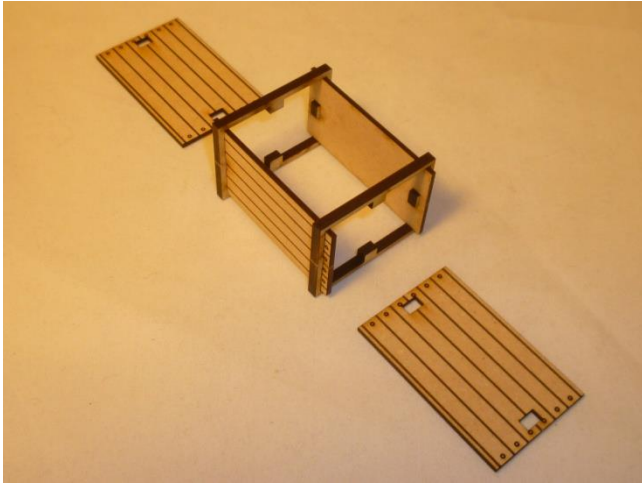


Now add the second wall on the opposite side.

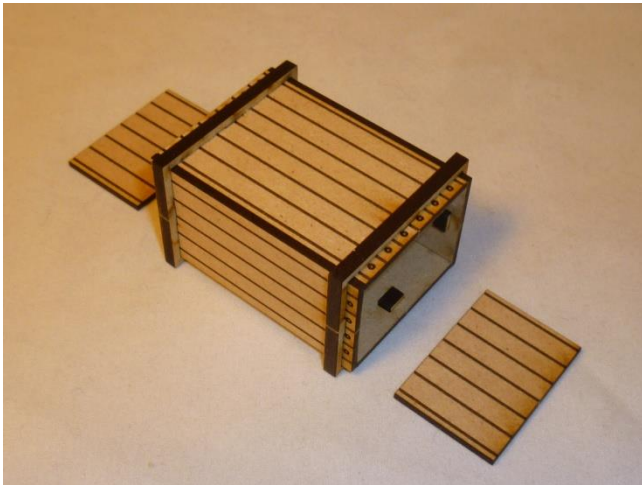


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Next add the two other walls by sliding them into the structure and fitting in place.



Finish the crate by gluing the two end pieces in place.

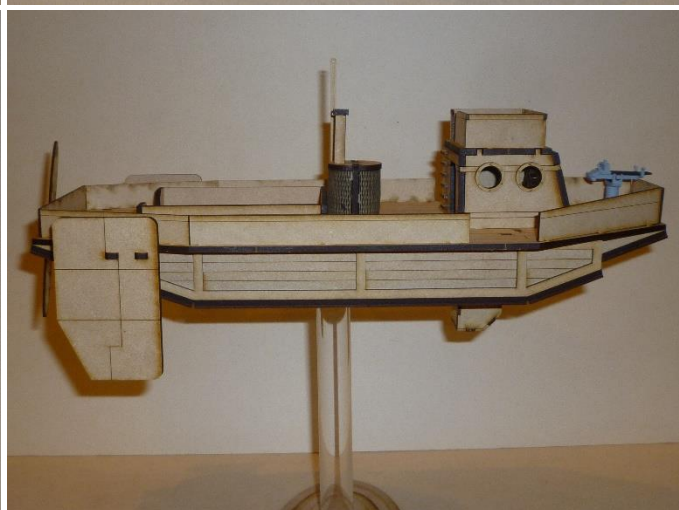
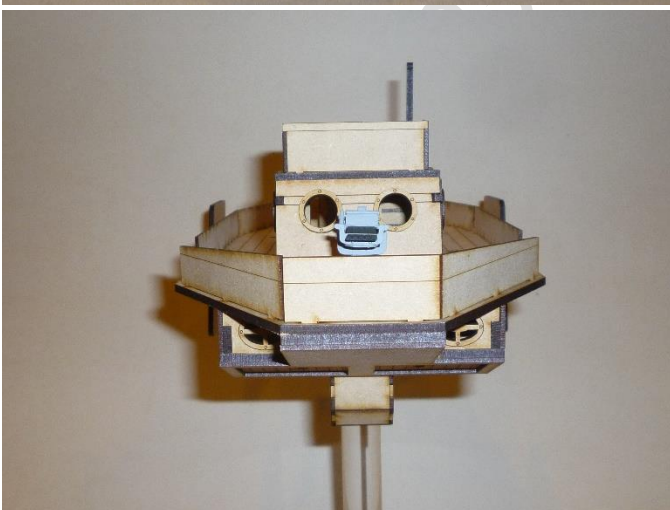
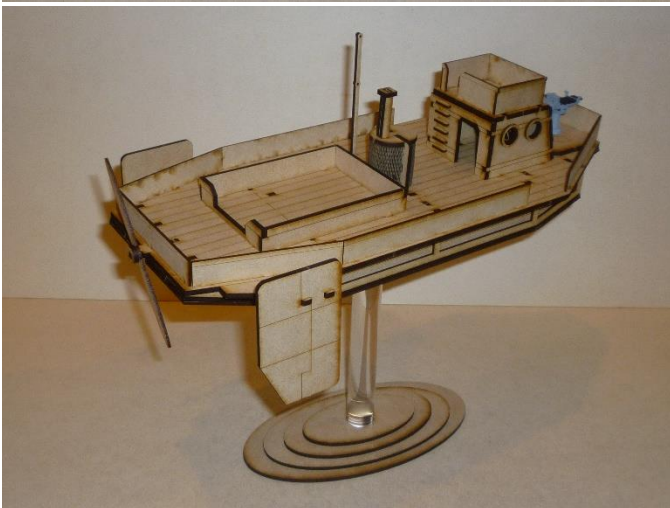
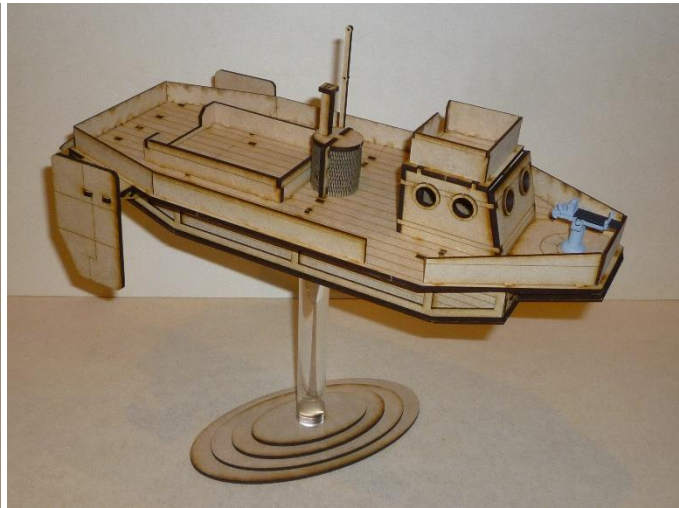
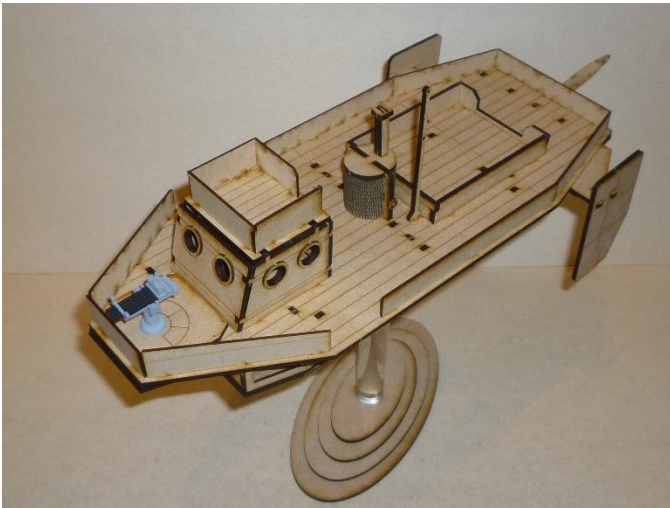


If you ever experience problems or difficulties in finishing this kit do not become desperate! Just send me an email at [thingsfromthebasement@gmail.com](mailto:thingsfromthebasement@gmail.com) and I will help you get it done. Having designed the kit and then providing an instruction for everyone to understand is probably the hardest part of the whole project. I am ready for every kind of feedback to improve kit and instructions. I just need to know!



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Photos of finished kit:



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