



Handy Stand™

Model Rocket Assembly and Paint Stand
Designed by by Matt Steele and Dave Meyers

Parts List

Qty	Part #	Description
2	9519	Handy Stand Triangular Plates
3	9520	Handy Stand Side Plates
4	9521	Wood Dowels
2	9512	18mm Motor Cases
4	9545	Handy Stand Wood Disks
1	9803	Instruction Sheet

About the Handy Stand:

For years, I have been using a variety of aides for painting and holding model rockets during assembly. Finally, I realized I could do a little laser cut jig that would make things much easier. No longer would I have to look for a nook to place the paint stick in, or worry that the whole thing was going to fall over when bumped.

The Handy Stand™ can help you during the assembly and painting of model rockets. This set includes for use with 2 18mm and 2 13mm motor mounts. It can easily be adapted for 24mm motor mounts (adapter not included).

I now have two in my workshop for all my projects. If you need extra heft, you can clamp it to your work bench for added stability.

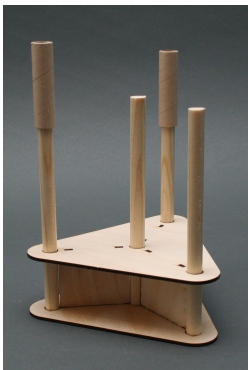
Before You Start:

Thank you for purchasing this North Coast Rocketry® product. We hope you have an enjoyable time constructing and using this tool. Please read all of these instructions to become familiar with them before starting construction.

The following materials are necessary for construction:
#220, #320 and #400 sandpaper, CA Adhesive or Wood Glue, Masking Tape (optional)

The following tools are required for construction:
Razor Saw

Check the kit for completeness, using the parts list and reference photograph. If parts are missing or damaged, or if for any reason you are dissatisfied with this product, please let us know at www.NorthCoastRocketry.com. We will gladly replace any item found to be defective. Our goal is for you to be satisfied with your purchase, and to have fun!

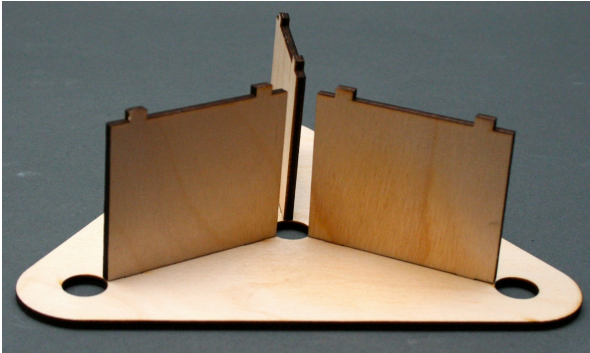


- This kit is recommended for adults(18 and older) only.
- North Coast Rocketry certifies that it has exercised reasonable care in the design and manufacture of its products. However, as we cannot control the use of our products once sold, we cannot assume any responsibility or liability for product usage.
- North Coast rocketry shall not be held responsible for personal injury or property damage resulting from the use of our product. The buyer assumes all risks and liabilities arising from the use of our product and uses our product on these conditions.
- North Coast Rocketry makes no warranty regarding our products, except for defects in materials or workmanship for a period of one year after purchase.
- If any of these terms are unacceptable, please return the item to the point of purchase.

Assembling the Handy Stand

□ Fine sand all the wood parts with #220, #320 and #400 sandpaper.

□ Test fit one of the side plates into one of the triangular plates. Sand as necessary to ensure a good fit. Using CA or wood glue, bond the side plate in place. Repeat for the other two side plates.



□ Test fit the remaining triangular plate on the assembly. Sand as necessary to ensure a good fit. Using CA or wood glue, bond the remaining triangular plate on to the assembly. Fillet the joints for additional strength.



□ Test fit the one of the 18mm Motor Casings on a wood dowel, sliding it down to the 1.5" mark. Sand as necessary to ensure a good fit. Using CA or wood glue, bond the 18mm Motor Casing to the wood dowel 1.5" from one end. Repeat for the remaining 18mm Motor Casing and one of the wood dowels.

□ Glue the four wood disks over the holes on one side of the stand. Flip the stand over, and it is ready to use.



□ Place on a flat surface. For extra stability, use a clamp (not included) to attach it to your work surface.

□ Place the motor casing in the motor mount for models with 18mm motor mounts, or the wood dowel in models with 13mm motor mounts. Glue, prime, paint, decal, or whatever else you want to do with the model, then place the wood dowel into the two holes. Leave the model to dry or until you are ready for the next operation.

□ You can use an 18mm to 24mm motor adapter (not included) for models with 24mm motor tubes.

