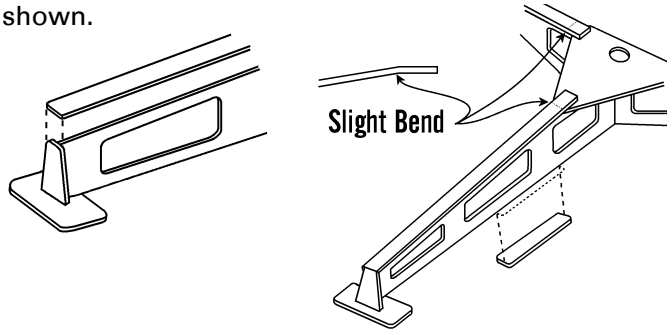
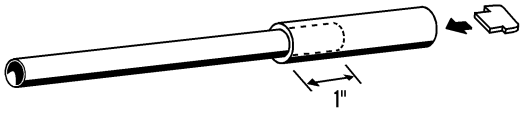
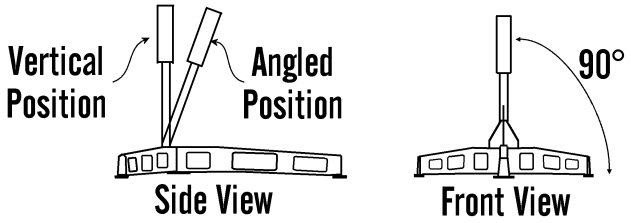
❑ **9.** Apply the strips to the top of the legs overlapping the slots on the hub. Bend the strips slightly where they join the hub. Attach the bottom strip as shown.



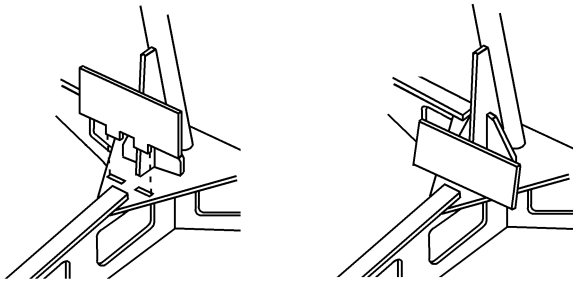
❑ **10.** Glue the support tube about 1 inch into the engine mount tube. **Leave the engine mount tube off if using with mini engine kits.** Glue the T-plate into the top of the engine mount tube.



❑ **11.** Decide whether to assemble as a vertical mount or 20° angle mount. Insert the support tube just barely through the hole in the hub. Align the brace assembly and glue in place. Glue the support tube assembly to the brace and run a bead of glue around the hole-tube joint. Check for alignment from the front and side. Make sure the angle from the front is a right angle or the rocket may tip the stand over.



❑ **12.** Attach the name plate in the hub. Bend back at a slight angle and glue in place.



FINISHING

❑ **13.** Check that each joint has a glue fillet. Smooth any rough edges lightly with fine sandpaper. Spray your Rocket-Rack with your favorite color. Attach your Semroc Specification decal to the name plate.

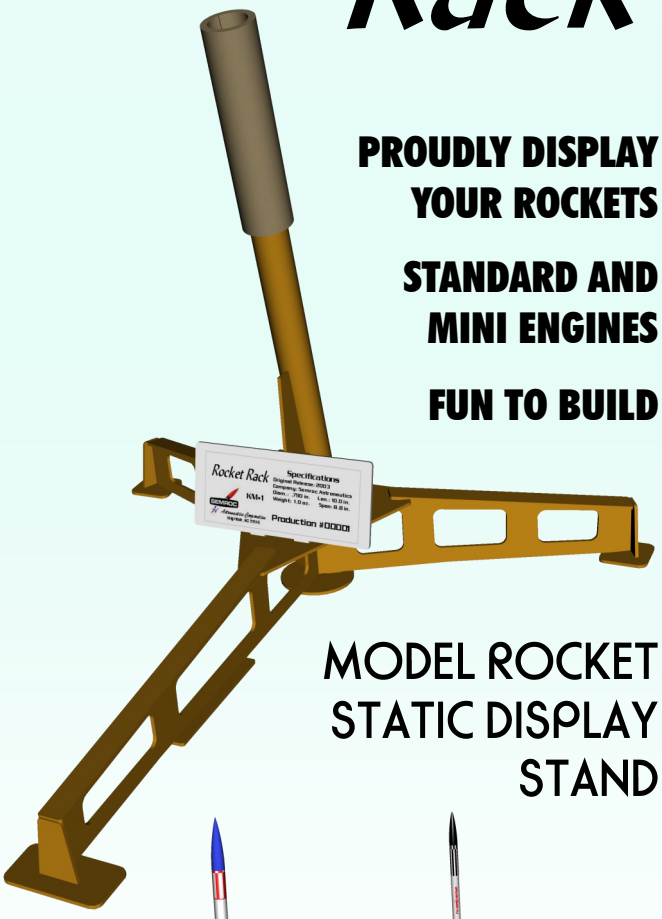
SEMROC

Rocket Rack

PROUDLY DISPLAY YOUR ROCKETS

STANDARD AND MINI ENGINES

FUN TO BUILD



MODEL ROCKET STATIC DISPLAY STAND



Rockets not included.

Made in the U.S.A by Semroc Astronautics Corporation - Knightdale, N.C. 27545

ROCKET-RACK
Kit No. KM-1

Specifications

Engine Diameter	.690" (1.8 cm)
Length	10.0" (25.4 cm)
Width	8.8" (22.4 cm)
Net Weight	1.0 oz. (28.4 g)

LASER-CUT FIBERBOARD

BEFORE YOU START!

Read the entire instructions before beginning to assemble your Rocket-Rack. When you are thoroughly familiar with these instructions, begin construction. Read each step and study the accompanying drawings. Check off each step as it is completed. In each step, test-fit the parts together before applying any glue. It is sometimes necessary to sand lightly or build-up some parts to obtain a precision fit. It is important that you always ensure that you have adequate glue joints.

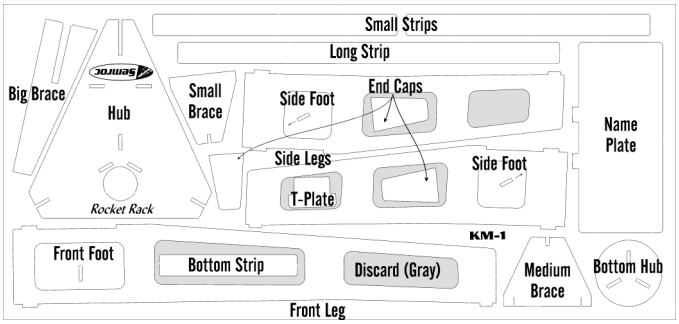
TOOLS: In addition to the parts supplied, you will need the following tools to assemble and finish this kit.



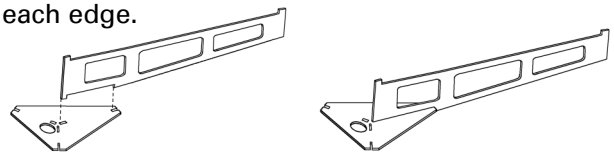
ASSEMBLY

❑ **1.** These instructions are presented in a logical order to help you put your Rocket Rack together quickly and efficiently. Check off each step as you complete it and enjoy putting this kit together.

❑ **2.** Remove all parts from the laser-cut sheet very carefully to avoid bending parts. Sand any hold-on tabs lightly. Refer to the guide below to identify the parts that are called out in these instructions.



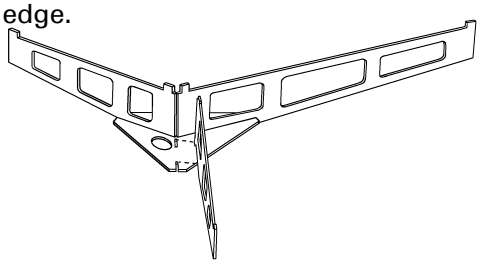
❑ **3.** Insert both tabs on the top of the front leg into the slots on the bottom of the hub. Make sure it is seated, then apply a bead of white glue along each edge.



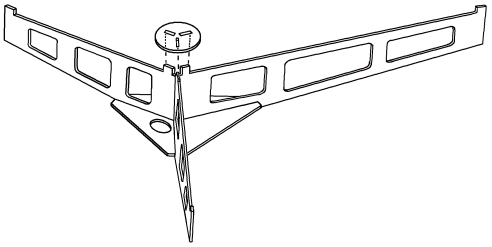
December 20, 2003

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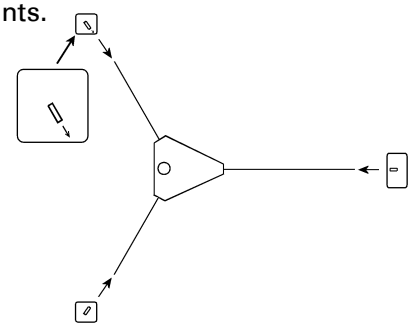
❑ **4.** Insert both the side legs into their respective slots in the hub and apply a bead of white glue along each edge.



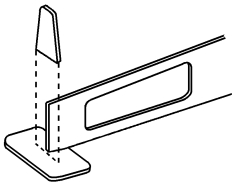
❑ **5.** Line up all three legs where they meet and inset all three into the slots in the bottom hub. Apply a bead of glue where all the legs join the hub.



❑ **6.** Place each foot pad onto the leg tips as shown. Make sure the small arrow on the side pads is pointing toward the hub. The front pad should have the slot positioned closest to the hub. Apply glue to all the joints.



❑ **7.** Glue an end cap on the end of each leg with its base on the foot pad.



❑ **8.** Glue the medium and small braces together as shown, lining up the notches and centering marks. Slide this assembly into the big brace and apply glue to all joints. Set aside to dry.

