



Mid-Century Modern Themed Plant Stand

Leg Jig Instructions

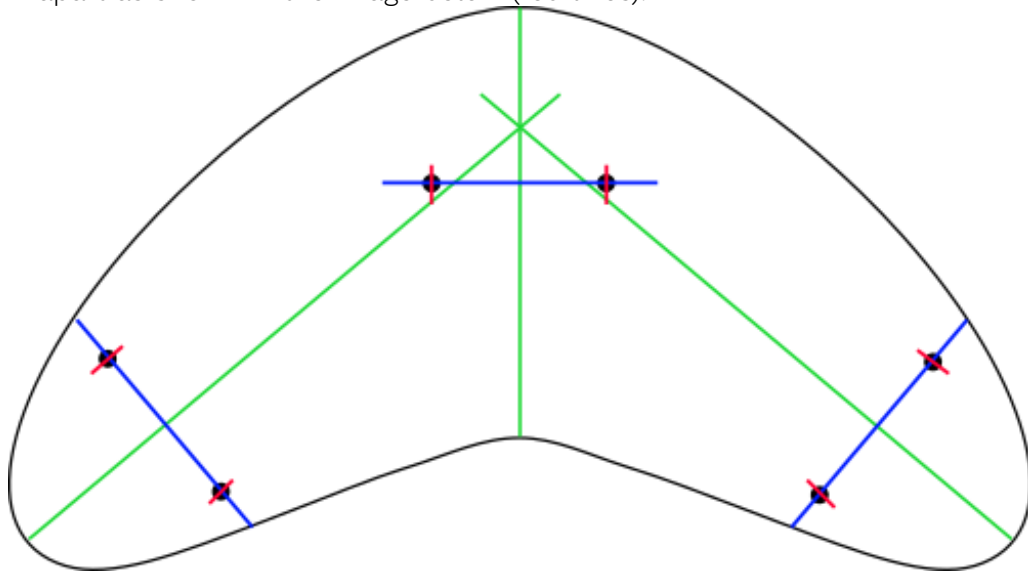


See the complete build at ambientwares.com

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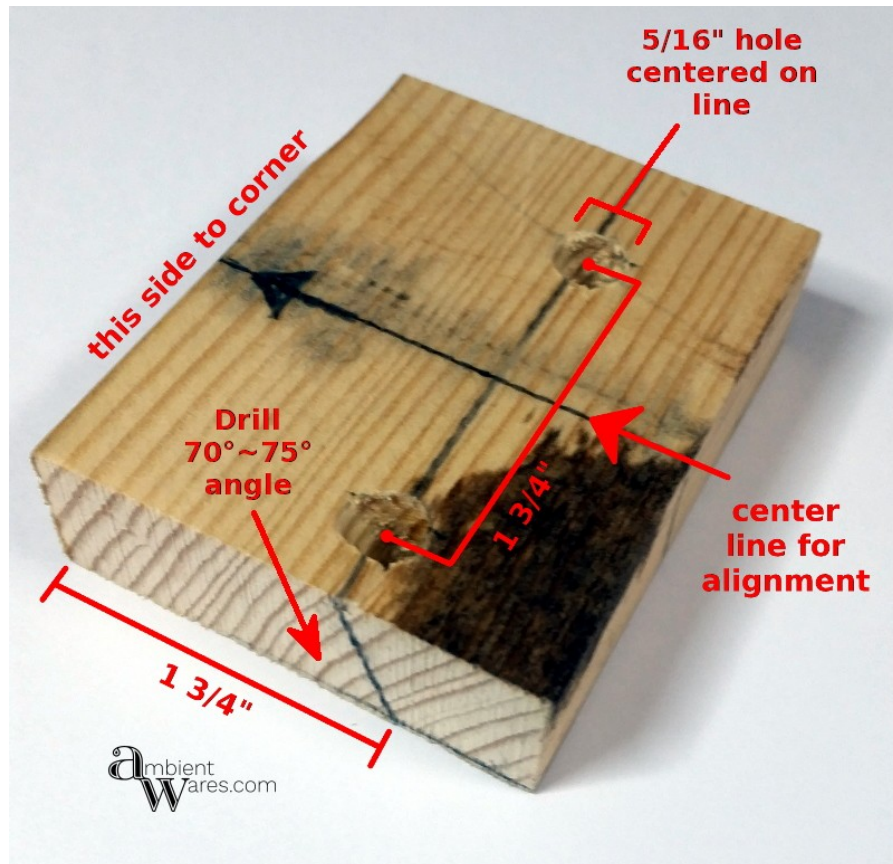
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I first determined the center of each corner and drew lines that intersect near the middle/wide corner (green lines). Then, I decided a good placement for the legs would be $1\frac{3}{4}$ " in from each corner and drew a line perpendicular to those center lines (blue lines). The holes for each leg are spaced $1\frac{3}{4}$ " apart as shown in the image below (red lines).



The jig measures $2\frac{1}{4}$ " x 3" x $\frac{3}{4}$ " (a piece of 1 x 3 should work). First, I chose a side that would face the outside corners (labeled 'this side to corner' in the diagram below). On the bottom side I measured in $1\frac{3}{4}$ " from 'this side to corner'.

From that $1\frac{3}{4}$ " point I drew a (roughly) 73 degree angle on the side, towards 'this side to corner'. I used a square to draw a straight line across the top. I marked the center for alignment at $1\frac{1}{2}$ " and drew a line. From the center I measured $\frac{7}{8}$ " on both sides marking the holes to be drilled which are spaced $1\frac{3}{4}$ " apart (on center).



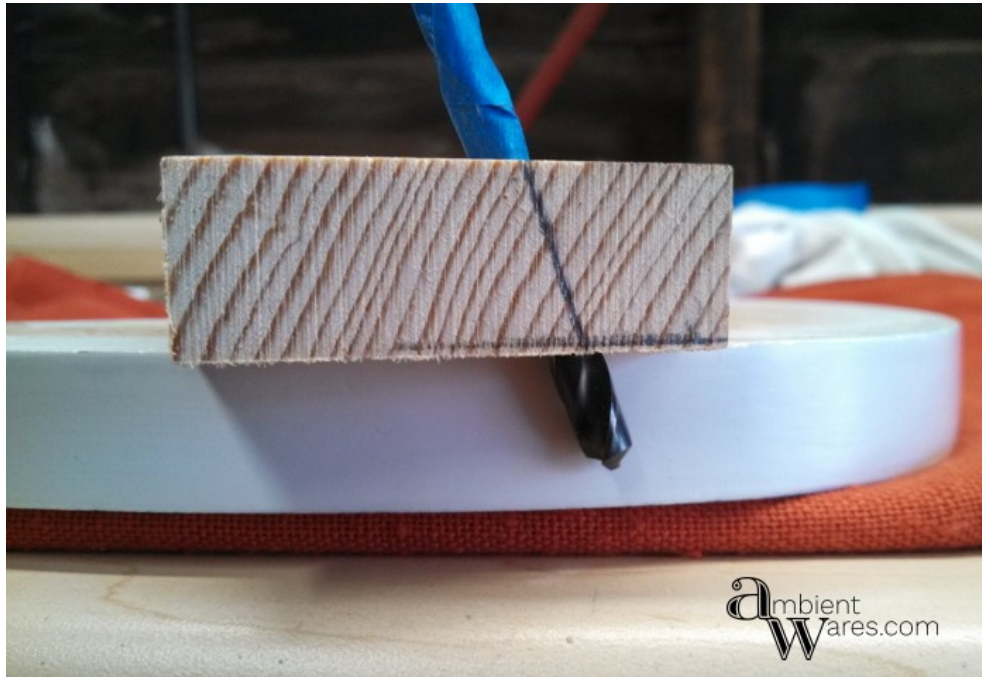
To drill the holes in the jig, I clamped it to a piece of wood and to the workbench. Then I used my 5/16" bit and drilled straight down about 1/8" to create an indent where each hole was marked. This indent helps to keep the drill bit steady when starting the angle.



Next, I angled the drill to match my 73 degree line as close as possible and drilled each hole.



Now that the jig is done, I placed it on top of the plant stand. I slid the drill bit into the jig leaving ½” of the bit exposed. Then I taped the drill bit which marks when to stop.



The center line on the jig is matched up with the center lines on the plant stand. One clamp secures the jig to the plant stand, another secures the plant stand to the work bench.



The holes at each corner of the plant stand were drilled and turned out great!



The rest of the MCM Plant Stand process can be viewed at ambientwares.com