

# SCROLLSAW WORKSHOP

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## Digital Patterns

Designed by Steve Good



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Note to commercial print employees: I give my permission to print as many of this pattern book as your customer requires.

steve@stevedgood.com

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# General Pattern Information



You may use this pattern to make as many of the project as you like. You are free to use any technique including mass production to build the project. The pattern may be copied and given to others provided the entire book is kept intact. You may not sell the pattern or include it in another commercial package of any type.

Steve Good retains the right to the pattern. If you have any questions about the use of this pattern please contact me at [steve@stevedgood.com](mailto:steve@stevedgood.com)

When printing this pattern it is important to print it full size. When you bring up the print dialog box look in the “Page Sizing & Handling” section. Make sure the “Actual Size” is selected before you hit print.

You also only need to print the page/s you need. After the print dialog opens look for the “Pages to Print” section. You can print the current page or a range of pages. This will help save ink by not printing the title/instruction pages.

# Printing Instructions



## Page Sizing & Handling

Size

Poster

Multiple

Booklet

Fit

Actual size

Shrink oversized pages

Custom Scale:  %

Choose paper source by PDF page size

## Pages to Print

All

Current page

Pages

▶ More Options

Tube Box

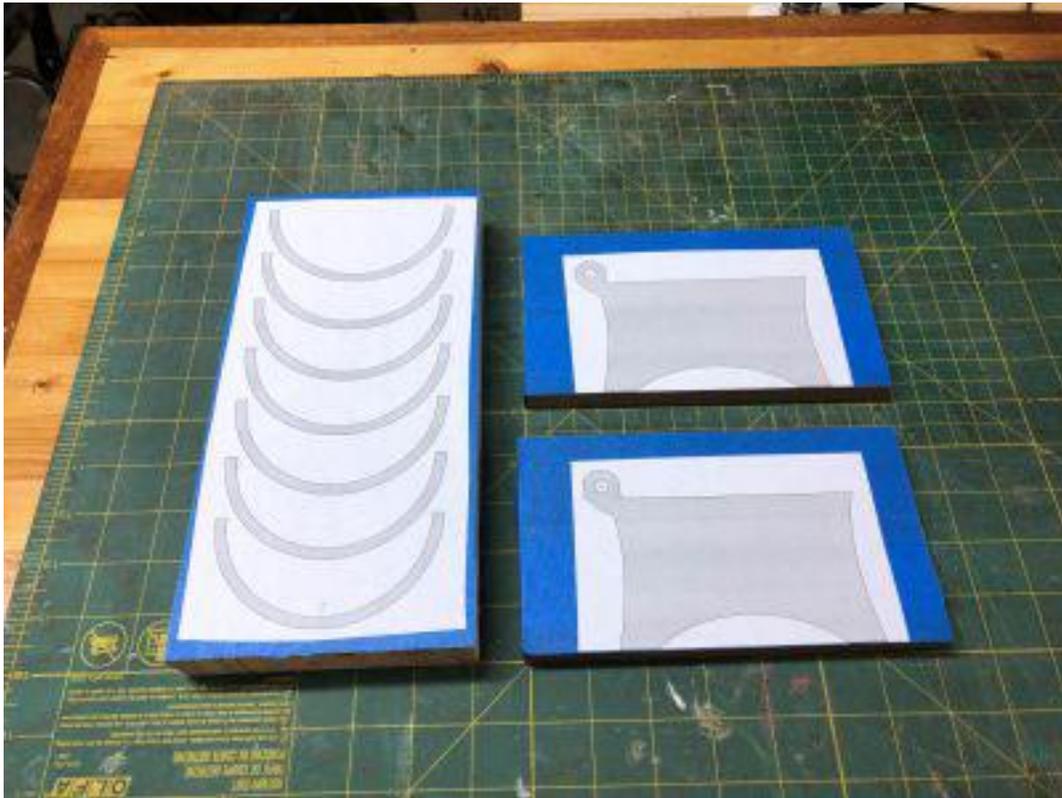


Round over the front three sides of the lid.



Sand a finger divot.





We will cut the box wall and the box sides first. The lid will be cut once we know the length of the tube.

Cut the number of wall segments that give you an approximate length of 5 1/2". The length will depend on the thickness of the wall segments.





I ended up using five of the wall segments. That gave me a wall length of 5 1/2". My board was a little more than one inch thick.

Glue the wall segments together and sand, sand, sand. Make sure all the wall segments are smoothly sanded.





The length of the lid is determined by the length of the box walls. Take an accurate measurement of the wall length and subtract  $1/8$ ". That will be the length of the lid.





You can see in this picture that the lid is captured between the two side walls and pivots on a 1/4" diameter dowel.

Line up and drill the holes in the lid for the pivot dowels. The holes in the lid are 1/4" diameter. The holes in the walls are 17/64" diameter. The wall holes are larger so the lid will smoothly pivot.





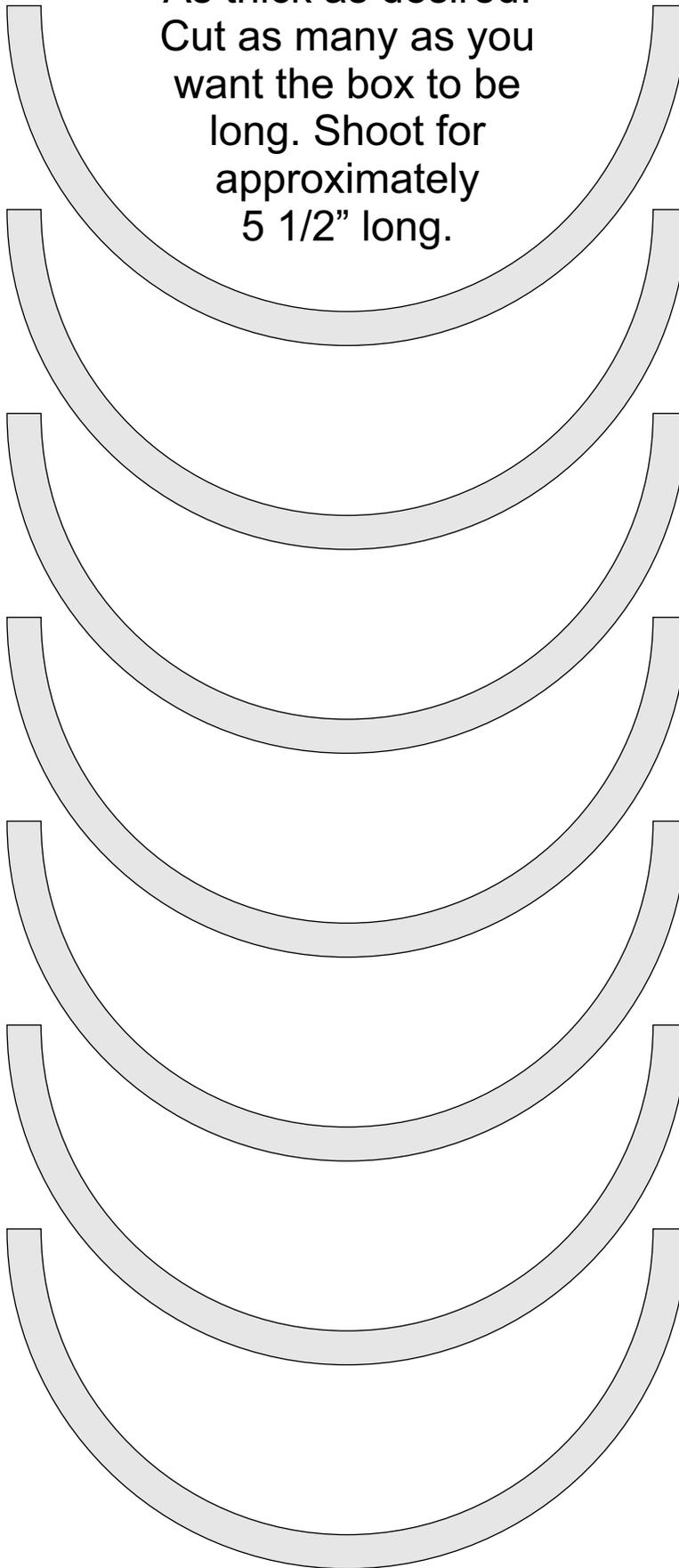
The lid is attached to the box at the very end. Apply a small amount of glue in the holes of the lid.

Place the lid in position on the box.

Insert the dowels through the walls and into the lid being careful not to let the glue squeeze out.

Clean any glue that does squeeze out.

As thick as desired.  
Cut as many as you  
want the box to be  
long. Shoot for  
approximately  
5 1/2" long.





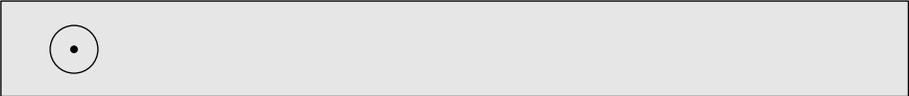
Cut the pivot dowels over length. After they are inserted trim them to length.

17/64" Hole for dowel



Lid

Side View  
1/4" Hole for pivot dowel.



Cut lid to the length of the tube.

4 3/4"