Making the Winged Bowl

1. Determine the shape of your bowl, and turn shape. Make sure you leave a min. ½” wall thickness. You’re going to have to make bowl blank at least ¾” taller and 2-1/2” longer
2. The top edge of your bowl. You’re going to make a recess (tenion) to allow for a band clamp.
3. On the bottom, you’re going to create a tenion for your chuck jaws, a ledge so that your jaws will bottom out, and another recess for another band clamp. Make sure that the clamp will fit. Turn your recess a little larger so that the screw clamp will fit into recess.
4. Make sure that you sand your bowl for your finish. If you want to, apply your finish, it will be easier to remove the glue.
5. Make a template for your wings. I’ve done mine at 30 degrees. Now that you’ve turned your shape, layout the bowl on your cutting template. Mark the location of where you’re going to cut to install your wings. On your template, mark at one point the centerline between your angles. You’ll need this for centering your bowl for drawing your bowl and creating your wings.
6. At this point in time, you’ve made your sleds for the cuts.
7. Now you’re going to cut the bowl. Use a 5/8” or larger band saw blade. If you use a smaller size, when you get down to the bottom part of the bowl, your blade will DRIFT.
8. After cutting the bowl, lay it on your template and mark the center point of your bowl. Using poster board (from the Dollar Tree-$0.50@), draw a line for your centerline so that you will draw the shape of the bowl on center. Draw the entire shape of the bowl (from top to bottom). You will also scribe the inside of your bowl.
9. Now you will draw your wing shape, but only on one side.
10. Draw another centerline so that you will be able to create your wings for both sides. Know determine where the bottom of you bowl will be. This will let you know where to stop your wing layout. After doing one side, flip and draw the other. If you notice on your winged template, that I have cut notches out to alien with the centerline.
11. Cut the type of wood you want to use for your wings. I make mine 1/8”. You’re going to make 4 pieces of wood for your wings. Use contact glue to adhere your pattern for your cutout. Make sure that you use double stick tape, so that when you’re cutting your wings that they will be supported, thin and wide areas.
12. When I cut the inside part of the bowl wing, I made it a little less for turning purposes.
13. Figure out where the bottom of your bowl will be. At this point, I didn’t do all the small cuts on the bottom. Just go straight down to your tenion.
14. Make sure that you do your fine tuning of your wing before separation.
15. Now that you’re satisfied with your wing, separate and start sanding, it’s much easier on the flat then on the bowl.
16. Glue one wing and install your band clamps. Wipe your glue up (I used white).
17. After set, redo the cutting and gluing.
18. When finished installing the wings, start turning.
19. You’ll need the jig for cutting the top and bottom.
20. Sand and finish, and you’re done.