



Louisville Area Woodturners

LAW Newsletter August 2014

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Notes from the August 14th meeting:

We had five guests at the demonstration. Ken Sill, Eric Martin, Keith Word, Bill Gunther and Ken Bourne.

If you do not have a name tag or do not receive e-mail notices please Contact Robin Costelle.

We need more Christmas ornaments for the Festival of Trees. It has been a slow start so don't wait until the last minute!

The Beads of Courage could use some more boxes. If you wish to make and donate some please contact David Weller.

Parker Curtis is looking for a few pens for the Pens for Vets.

You can either bring them to Parker or donate a pen directly to a service man or woman.

Joe Oberhausen has come across a deal for North Dust Masks from Craft Supply. They have replaceable filters.

From Joe:

I have acquired more dust masks. 20 medium and 7 small. There were several people who had asked but I sold out. Here is the deal, if you did not get one and would like one I want to give you first opportunity to get one. If you have a large and it does not fit bring it back and I can trade you a medium for it. Ladies or children I only have 7 small if you would like. I am going to order filters from craft supply and sell them for 5 for \$5 they cost \$24 for 20 plus shipping. Let me know if you are interested so I can order enough.

The Kentucky hospice organization (Hosparus) has a fund raiser the first week of November. I am asking for two more donations from club members.

The only requirements for the request are:

1. You must believe your donation is worth at least \$200.
2. Your donation must not be fragile. There is alcohol at the fund raiser with 500+ guests.
3. I need to pick up the donation from you by September 15th.

The five pieces donated to the 2013 Hosparus Gala fund raiser generated \$1,725! I wish to thank the club members so much for their help to this worthwhile cause. Please help again.

Please go to their web site www.hosparus.org for information about this outstanding organization that helps families prepare for and to grieve for the end of life for themselves or loved one.

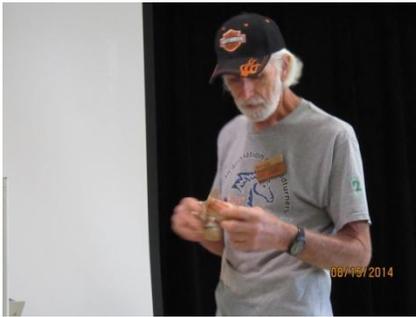
Also anyone interested in being on our club Board of Directors- we will be taking nominations for positions and may be taking a vote if necessary at the September meeting. Five positions will be up for renewal. You do not have to be present at the September meeting to be

voted on the board if you can't make it, but please let someone know if you are interested.

The September 11th demonstrator will be Craig Jackson from Easy Wood Tools.

August 14th Demo

The demonstrator for this meeting was Rob Roby. He would show how he makes Christmas ornaments and alternative ways of holding them.



Rob believes if you are making an ornament to hang or as a present it needs a bird. You can find these at Hobby Lobby in the miniatures department.

Your next consideration should be the choice of woods you are going to use. Woods with color or figure are more appealing. Any colored wood, box elder, spalted or even dyed and painted will help set it apart.

Rob chose a walnut body and a cherry top for the demo. Mix and match woods for your best combination.



Starting with chain saw cut offs about 2 x 2. Make them square on a jointer or table saw. If they are not square you may drill through the sides.



An 1 1/2 forstner bit used either on the drill press or the lathe be used to hollow out the center. You want about an 1 1/2 depth.

Use the cone center for alignment. Rotate the blank to see if it is aligned in the jaws.



1. Round the blank. You will have to eyeball it to a thickness of 1/8.
2. Bring the piece down to thickness of 2 inches. Plan your parting about mid ways.



3. Smooth the round with a gouge.
4. Clean up the top edge.
5. Measure 3 to 3 1/4 inches on your forstner bit. This will be the depth of cut.
6. Rough in the bottom. Rob preferred more of a point to his.



7. Sand.

8. Cut the part off the blank.
9. You can do 8, 10 or 12 quickly and just put them in a box for later.

The top:

The pieces for the top are made with a 4 inch slab. This is cut long ways with the tree to create face grain. End grain is more brittle.



A slab like this should yield 2 blanks.

1. Cut the slabs 4 x 4 x 9.
2. Rough turn the blank in between centers and add a dove tailed tenon.



3. Reverse the blank in to your chuck and true up the face.

4. True up the outside.



5. Smooth an area about 1/4 of an inch back.
6. Place your tool rest right at center.
7. Use a set of dividers to measure the recess for the body. Just touch the left point to the wood.
8. Use a caliper to check the sides to match the groove. You may have to adjust in or out.



9. Use a parting tool to make your recess 1/4 to 3/8 deep. Err on the side of being too small.
10. Check the fit. If it does not fit the question is whether the cut is

straight or the hole is too small.

11. Roll the piece and check for any wobble.
12. For the underside you want a curve with the edges deeper than the center. You will also core the top to reduce weight.



13. Glue in the base.
14. Allow the glue to set then sand the bottom.



15. Reverse your cone center and bring it up for support.

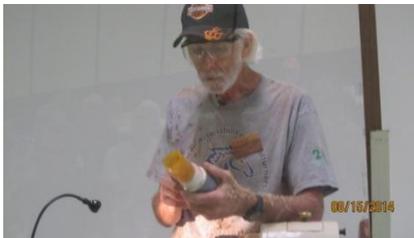


16. Use a parting tool to make ¼ inch steps down the top. Remember it has been hollowed.



17. Remove the steps with a parting tool or gouge. The underside of a spindle gouge can help you make smooth cuts. Use any tool you are comfortable with that fits in the space.

18. Sand and part it off.



For those of you with a vacuum chuck a large medicine bottle is a good fit for the bottom of the bird house. This makes finishing and sanding easier.

Drilling:

Rob uses three different drill bit sizes to finish the bird house. A 3/8 hole for the main opening. He uses a drill press and 2x 4 to make this. A brad point bit leaves the best cut but may leave a chunk inside you will have to sand.

A drill bit sized to fit the tooth pick perch. Ebony looks best for a perch. Be sure to drill this off to the side so the bird lines up with the hole. Cut the piece an inch long.

A small bit sized to fit your eye hook or wire for the top.

Bird:

The birds can be a little tricky since the feet are not a regular shape.

Using a 3 point file you can make a groove in the feet that you can rest the bird on the perch.

Use a very small bit of CA on the groove and some accelerator on the perch.

Be sure to align the bird up the right way.

To finish Rob uses sanding sealer and Deft spray lacquer. Two coats of sanding sealer to start, sanding between coats and semi gloss. Gloss will show any imperfections

After this has cured glue in the perch to the body.

Show and Tell



Recycled wood pens by Ken Daulgren.



Beads of courage boxes by Donald Holbert.



Stained hackberry by Donald Holbert.



Bottle stoppers and



a combination bottle stopper and shot glass by Stephen Ellis.



A carved cherry piece with legs and



a pierced humming bird bowl by Marvin Ewing.



Two piece ornaments by Bob Faletti.



Mandrel turned ornament kits and



fan pulls by B. J. Labate.



Bowl with a base by Rob Roby.

Bonus Turning

On August 6th Robin Costelle did a demonstration at the Louisville Nature Center. The subject was a laminated and segmented Christmas ornament.

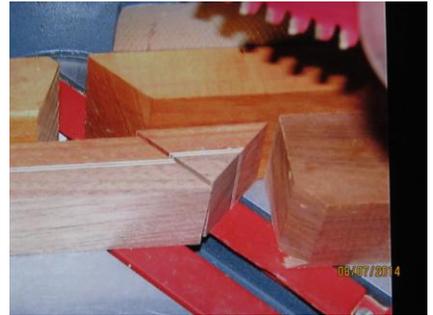


1. Start with $\frac{3}{4} \times \frac{3}{4} \times 1 \frac{1}{2}$ thick boards. You will laminate these together with veneer in between them.

You can darken the veneer with an ebonizing solution or dye.



2. Once the glue has dried you can cut these in pieces at a 45 degree angle. A 1/8 backer on the chop saw will help get a cleaner cut.



You can also cut these lie a segmented ring.



Your goal is to make 8 triangles for the ornament. Four per side.

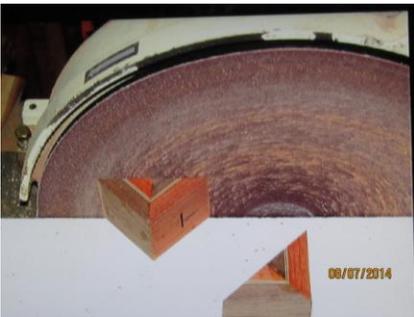
3. Sand one edge of the triangles.



4. Glue two of them together.

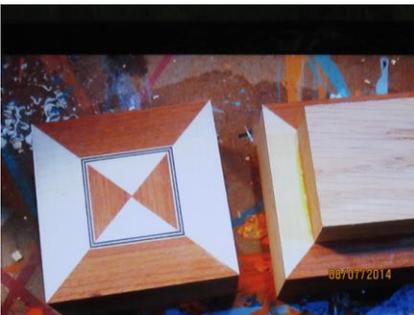


5. Sand the edge after the glue sets.



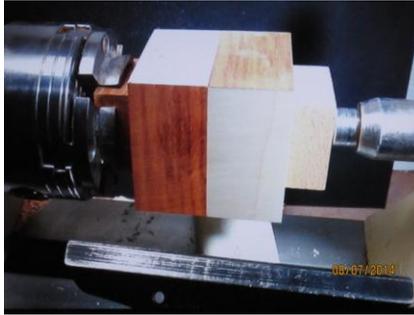
Be sure to sand the same side or the veneer will not line up.

6. Glue these up into a $1\frac{1}{2}$ x $1\frac{1}{2}$ and perfect square.

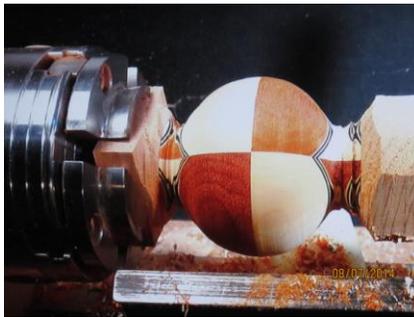


7. Place a glue block the good side of the veneer and line it up on both pieces.

You will jam these pieces together to turn it. No glue yet.



8. Turn the outside to rough shape.



9. Hollow each half to about $\frac{3}{16}$ to a $\frac{1}{4}$ inch wall thickness.



10. Once the walls are consistent flatten the face.



You can add a layer of veneer when gluing the halves together. Be sure to wait over night. If the veneer is wet it can curl.



11. Return the outside a little.

12. Bring up the tail stock to drill the hole with a $\frac{1}{16}$ drill bit for the hanger.

13. Part the piece off.

Robin then uses a vacuum chuck with a pvc tube and some tape to finish the piece using light cuts and then sand paper.

If you are adding a point to the bottom do this with sand paper and not with cuts.



14. Finish the ornament with spray lacquer.

A question was asked if there was anything else you could make with the lamination.

Turning a blank like a bowl produced a square bowl on a pedestal.



The next meeting will be on September 11th at the Walden School at 6:30. Craig Jackson of Easy Wood Tools will be the demonstrator. Hope to see you there and don't forget your show-n-tell and Christmas ornaments and Beads of Courage boxes.



The combinations for design are up to you. Some examples of the ornaments: