



Contains September 2010 Minutes

October 2010



Bill Seabolt Provided one of four demonstrations at the September meeting. Bills demo was on one piece bird houses.

Bill Seabolt Demo

1. Project = One Piece Bird House with added Finial
2. 2" X 2" X 4.25" Green Cherry Wood - 1" X 1" X 1 1/2 - 2" dry Walnut.
3. Tools for Demo = Chucks (one with #2 Jaws and one with pin jaws), 1/2" Spindle roughing gouge, 3/8" Spindle gouge, Sorby star wheel texturing tool, 1/2" drill bit, 3/16" drill bit, #5 drill bit, Jacobs chuck w/Morse taper, Drill, Hollowing tools (will show bent

angle tool, home made 1/4" Bedan and home made 1/4" round nose scraper), Narrow parting tool (1/8" or smaller), Needle nose pliers, small nail, wire for screw eyes, CA, Sandpaper and straw for blowing out inside of ornament.

4. Find the ctr. on one end of the 2x2 cherry blank and create a dimple on the tail ctr. end with either an awl or spring loaded punch. Next chuck up in chuck with # 2 jaws and tighten slightly. Bring up the tail stock and position blank so that dimple created earlier will line up with point of tail ctr. bring tail center up against blank and firmly tighten your chuck make sure tail center is securing the other end.

Note: It is important that your blank is square in order for the chuck to securely hold the piece. Also, do not bottom the blank out in the chuck. Keep at least 1/16" clearance.

Now we can round out our blank and start to define the shape with the roughing gouge. Be careful to not get too close to the chuck jaws. Now continue shaping with a 3/8" spindle gouge. You want to start tapering the top of the body in about 1 1/2" to 2" from the bottom. As you are forming the top of the body you will start leave an over hang which will become the cap for your acorn. Be careful not to let the wing of your gouge get caught on this. For now, leave about one inch diameter at the bottom of your bird house. You

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will see the need for this later. You can also form the rudimentary shape of the cap (roof) now.

With the lathe turned off, place the 1/2" bit on the body and make a mark on the bit where it would penetrate from the bottom to about 1/4" into the cap portion. You can use a fine line marker, tape or whatever for this. I prefer a fine line marker. The marks can easily be removed from the bit with most solvents.

Remove the tail center and insert the Jacobs chuck with 1/2" bit in the tail stock. This would be a good time to make sure that the chuck is still tight to the piece! Now at a slower speed - drill to the depth of your mark. You should remove the drill from the piece several times during the process to clear chips. Using a hand drill locate and drill 3/16" entrance hole in the side of the body about 1/8" deep. Location depends on what pleases your eye.

Now hollow the ornament using the hollowing tool of your choice. The technique will depend on the tool you use. You will have to blow out the shavings frequently and a straw and your lungs will have to substitute for a compressor set up. Once you have hollowed to the point where the inside wall exposes an opening at the entrance hole, you have approximately a 1/8" thick ornament. You can continue to hollow if you wish to really lighten the ornament. Just keep a close eye on the entrance hole on the side or you may suddenly end up with two pcs. or so I'm told. You can now remove the chuck (with piece still in it) and set it aside.

Chuck up the finial piece in a chuck with pin jaws. All we really want to do here is to turn a 1/8" long by 1/2" diameter tenon to fit the opening in the bottom of the ornament. You can use a drill guide template, calipers or the ornament body to check the diameter for fit. I prefer the template for this. It's lighter than the chucked up piece. Remove from the

lathe.

Install chuck with body back on the lathe and recheck to make sure it is tight to the piece.

Make sure the bottom of the acorn is square so that you will have a good fit with the finial. Use a light pull cut to square up. Remember this is green wood so it probably will need a little fine tuning. Glue finial to body using CA and accelerator.

Carefully round out the finial and blend it with the body. Using a spindle gouge, start shaping your finial at the very bottom so that you have maximum mass to support it as you work your way up. The type of finial design is entirely up to you. You can make anything from a teardrop icicle design to beads to upside down triangles to just a simple taper. Your skills and experience should determine the complexity. You are almost done - you don't want to ruin it now. You can always just practice spindle shaping on scarp wood later at home.

You will probably need to true up the main body slightly due to fact that the green wood probably changed shape already. Also, you can finalize your shape with the Spindle gouge and under cut the top at this time. I undercut with a little 1/16" Parting tool that is ground at an angle to provide clearance. You can now sand to your hearts delight. I prefer Abranet for green wood.

Now we need to form the cap. We can remove a lot of the bulk using a 1/8" Parting tool. You can sort of stagger it, removing a little more each step to the left. Just don't get to thin. At the top. We need at least 1/4" to stabilize enough to texture with the star wheel tool. Starting at the rim roll the edge toward the top of the cap. Proceed to shape with the spindle gouge. You will want to use a scooping motion as you get to depth as you would in forming a cove. Once you are happy with the shape we will proceed to tex-

turing the top. The lathe should be running at approximately 1800 RPM. With the tool rest far enough a way and angled for clearance hold the tool wheel at about a 60 degree angle to the spinning piece just touch the wheel to the inside portion of the cap and slide along the tool rest to the outer diameter. Be careful not to go all the way out or you will damage the edge.

Now we can finish tapering the top to about 1/8" - 3/16". Part it off being careful to cradle it in your hand. Now clean up the top with a knife and carefully indent in the the center with an awl. We will drill for the screw eye using a #55 bit mounted in the Jacobs chuck with Morse taper. The #55 bit is what fits my home made screw eyes. Which are made from a gold colored wire that is twisted around a wire nail.



Hoby uses instant glue to assemble his 4 piece blank



Hoby Horn – Ornament

Inside – Outside Christmas Ornament

1. Cut blanks that are $\frac{3}{4}$ x $\frac{3}{4}$ x 7 inches long. The pieces should be longer than the finished product.
2. Use a small amount of glue on the ends of each blank. Group the 4 pieces together so that they are bundled and allow the glue to dry over night.
3. Place in a 4 jawed chuck or between centers.
4. Use a spindle gouge to turn the shape of the glued up pieces.
5. Use your imagination to turn the outside diameter and shapes. Keep in mind what the project will look like when it is reversed and glued up in the final stage.
6. After the desired shape has been turned, then cut off the glued ends and reverse the pieces. The grouped pieces should have a very nice turned effect on the interior of the globe.
7. Glue the pieces together and allow to dry overnight.
8. Turn the exterior of the glued up bundle to

- provide a very nice stretched oval shape.
9. One may turn a small top finial to hold the eyelet.
 10. One may turn a lengthened finial for the bottom of the ornament.
 11. Finish the ornament on the interior and exterior of the piece.
 12. Hang ornaments on the Christmas tree.



Larry McCardel – Christmas Tree Ornament

Type of wood blank...

Any species of wood will do as long as it is free of any knots or splits. A close grain wood is preferable, such as maple or cherry. The blank should be around 2"x 2"x 5", but it is not critical. If other sizes are used, then one may have to alter the tree design a little. The tree can be shorter, taller, wider, or thinner in design.

Tools used

A 4 jaw chuck is used to hold the wood in place while turning. One can use a roughing gouge, spindle gouge, a thin parting tool with

a 1/16" width and a regular parting tool for segmenting off from the waste area.. A pin vise with a small drill bit is needed to drill the hole for the screw eye to hang the ornament. A dividers can be used for measuring the segments.

Turning process.....

Chuck the 2x2 in the 4jaw chuck and bring up the live center tail stock for stability. With the roughing gouge, turn the Christmas tree shape with the top of the tree towards the tailstock. A slight curve looks good. With the spindle gouge, turn a ball or what ever you like for the top of the tree. Sand the surfaces of the wood with 220 grit sandpaper. With your dividers, set the width of your parting tool. Mark off from the top of the tree to the bottom in equal segment spacing. With the thin parting tool, cut into the tree from the top to the bottom and skip every other section. Cut straight into the trunk at 90 deg. to the bed ways. Taper the trunk of the tree so that it is smaller at the top to a little larger diameter at the bottom of the trunk. Sand everything with 220 grit if it is needed. Drill a small hole in the top of the tree for an eyelet or screw eye. Use the pin chuck for this procedure. Using the parting tool, cut into the bottom of trunk diameter, and then part off leaving a small stand at the bottom.

Finishing procedure....

Use a lacquer spray and spray 4 or 5 thin coats on the tree. This will also stiffen the end grain fibers a little. One may sand between coats to get a smooth final finish.

Jerry Schaible – Hollow Ornaments

Hollow Globe Ornaments

1. This project consists of making a hollow globe that will be fitted later with a very small top finial and a much longer bottom finial. The wood blanks used for the globe are usually a round branch material approximately 2 1/2" to 3" in diameter. A square blank of 3x3

material can also be used but then there is more turning required to make it round. The cut segment is usually 3 1/2 inches long or maybe a little longer in order to be held in the scroll chuck effectively. The finial blank is usually 3/4 x 3/4 by 7 inches in length. This blank is of contrasting wood to the species used for the globe.



Jerry is turning the outside of a hollow ornament

2. The tools used for this project are the scroll chuck, parting tool, 3/8" spindle gouge, 1/4" spindle gouge, roughing gouge, 1/4" square bedan, skew, drill chuck, 3/8" drill bit, sandpaper of various grits, and spray lacquer finish.

3. Insert the globe blank between centers and rough turn the cylinder to remove the bark and balance the blank. Turn a tenon on one end so that it will be accepted by the scroll chuck of preference. Insert the globe

into the scroll chuck and mark off the dimensions that one intends the finished globe to be. Bring up the tailstock with the ball bearing center for support. You will want to make the globe somewhat oval or squashed in its final appearance. Therefore, one can aim for a globe to be about 2 1/2" in diameter and 1 3/4" to 2" from top to bottom. These are easier to make since you are not trying to make a perfectly round object. Mark one line approximately 1 inch up from the tailstock end and a second line 2" up from the end. The first line will be the middle of the globe and the second line will be the top of the globe. Complete the outside of the turning first in order to get the shape desired. At the two inch marking or where the top of the globe will be, use a parting tool and turn down a tenon to approximately 1 inch in diameter. Sand completely through the grits in order to get the desired smooth finish. Remove the tailstock and allow the chuck to hold the blank in place. Insert the drill chuck in the tailstock end and use a 3/8" drill bit for the next operation. Drill a hole from the tailstock end so that it is deep enough to come within 1/4" of the top of the globe. This hole depth will be what you will "feel" with the end of your turning tool to determine the depth of the hollowing procedure. Use the 1/4" bedan or the tool made from the tool steel sold by our club and insert it into the hole at the bottom of the globe. Make a small sweeping cut with the end of the bedan or the corner of the bedan to remove some of the wood from the interior. Blow out the chips to clear a pathway for the next cut. Make a deeper cut and work towards the outer limits of the interior to match the shape of the exterior of the globe. You should work toward a 1/8" thick wall. This is done to provide a light weight globe that will not bend the tree branch down when it is hanging. Smooth out the interior of the globe with sweeping cuts until the desired surface is complete. Insert the drill into the hollow center and drill about another 3/4 inch into the waste block area at the top of the ornament. Take the parting tool and re-

duce the 1" tenon that was at the top of the globe to about ½" thickness leaving the drill in position at the bottom of the hole. Sand the cut at the top of the globe until desired surface is accomplished. Use the parting tool or a skew that is turned long point down and cut through to the drill bit. Both the drill bit and the tool are in a stationary position with only the wood spinning. The globe should pop off onto the drill bit and not hit the floor or the back wall.

The finials are turned between centers on the lathe. Insert the ¾ x ¾ x 7 inch blank of contrasting color to the globe. Turn the blank round with a gouge or roughing gouge. Mark off a top finial that would be about 1" long. Cut a tenon on the tailstock end that will match what you have determined is the top of the globe. Make sure that you have tried to fit it to the globe with the tailstock removed so that you will get a very close fit to the globe. You may have to under cut the flange on the finial to get a good fit. Using the skew or small gouge, turn a few beads of choice for the top finial. Sand the finial to desired finish and part from the remaining spindle. Use the drill press or hand drill to drill a 1/16" hole into the top of the finial for an eyelet to hang onto the tree. Now remount the remaining spindle on the tailstock end and turn a tenon on the tailstock end to match the bottom hole in the globe. Check to see that you get a good fit with the flange on the globe. You may have to under cut the flange to get a desired fit. Turn a few beads down the bottom finial and work toward a slender shape. The finial should be smaller at the bottom than at the top near the tenon. Sand through the grits until the desired surface finish is achieved. Part the finial off the lathe. Glue both finials onto the globe as well as the small eyelet into the top finial. I make my eyelets from small 22 gauge wire that can be purchased at JoAnn Fabrics in their craft center or at Michaels, Hobby Lobby, or Pat Cataans. I cut a 1 ½" length of wire and twist it over an 8 penny nail for a very delicate eyelet. Glue

this into the small hole in the top finial.

4. To finish, I usually hang the completed ornament over a cut out top and side of a cardboard box. I use a long cut off stick to over hang the box opening and then make a hanger from a copper wire to hold the ornament for spraying. I use spray lacquer to finish the ornament. Use light coats of spray so that there will not be any runs in the finish. Spray about 5 or 6 coats of lacquer on the piece. Wait for two days to make sure that the finish is dry. Then buff on the Beall buffing system until a desired finish appears.

5. Stand back and admire.....



Above, Jerry is hollowing his ornament

BUCKEYE WOODWORKERS
AND WOODTURNERS
Sept. 18, 2010

The regular meeting of BWWT was called to order by Pres. Bill Stone. He welcomed all the visitors and members of the club. His first order of business was to state that Bill Blasic of the Erie Pa. Woodturners was going to have Al Stirt, demonstrate to their club on Oct. 2, & 3rd. He stated that they had one opening left that could be used by somebody from BWWT. The cost is \$75 per day and that will include lunch. Anyone interested should contact Bill Stone for further information.

Michael Kehs, a woodturner of national prominence will be featured at the BWWT meeting in October. He will demonstrate the carving of rims on platters and bowls. He will have some Dremel tools available but those who are coming to the Hands On activity could bring their own, if they so choose. There will be some cutters available to the Hands On activity but probably not enough to go around for the whole days activity. Members can bring their own cutters also to help the demonstration move forward in a timely manner. If individuals wished to purchase their own cutters, they can contact Gordon Seto. He intends to place an order in the coming days. This demo will be an all day affair as well as the Hands On sessions. Therefore it will be necessary for members to bring their own lunch for this series of events.

The President mentioned that we will need some help on the AV equipment and set up during some of our demonstrations. We are a large club where our interests are quite diversified and if it were possible for two people with audio / visual interests could volunteer, it would greatly serve our needs. These people will be used as backup for Mark Rinehart when he is unable to attend the meetings.

There will be some help needed on the demo

committee which is responsible for organizing the demonstrations each month and then procure the individuals needed for the demonstration. We need two people to acquire woodturners from outside the club and two people to set up the local turning demos.

The President mentioned that we will be selling two lathes today that have not been used in several years. The cost will be \$200 and a drawing of names will be completed during the meeting to see if they wish to make a purchase. Howard Lorson and Carrina de Vera were the two people who wished to purchase the lathes for their personal use. The lathes will provide a lot of personal enjoyment to these individuals.

Bill Stone mentioned that there will be 5 demonstrations performed today. They will all be going on at the same time for members to see. The lathes will be set up around the room and members are free to wander to their locations to view the demonstrations. The members who will be conducting these demonstrations are Larry McCardel, Hoby Horn, Bill Seabold, Ben Fix, and Jerry Schaible. In the afternoon we will have a Hands On activity to further demonstrate the turning of these projects. Members wish to sign up for this should contact Bill Seabolt.

The nominating committee of our club will be making recommendations in Oct. for the 2011 calendar year for offices in our executive committee. If members wish to nominate an individual for an office, they are to contact that individual and ask his permission to be nominated.

There will be a few members of our club demonstrating large platters and bowls at the Paul Bunyan Equipment Show in Cambridge Ohio. It will be located at their fair grounds and it is one of the largest equipment shows of its kind for loggers and sawmill operators. It was stated by Jim Doll that he intends to make the attendees aware that there are

other things that can be made out of logs other than boards and firewood. This show will be held on Oct. 1, 2 & 3. Jim Doll Lumber, has always provided us with turning blocks at reasonable prices for individual purchases as well as donations for our club auctions.

Please note that this is a sanctioned AAW event and all those members that are participating must be a member of AAW.

On Sat. Oct. 9, there will be a club demonstration at the Figero Farms located in Green, Ohio. Andy Figley has invited a few of our club members to demonstrate woodturning at his Octoberfest, where members can display their turned pieces. We did this even last year and everyone had a good time. If you are interested you should see Pres. Bill Stone for further information. Please note that this is a sanctioned AAW event and all those participating must be a member of AAW and BWWT.

The Hartville Tool Show will be held on Nov. 19, and 20th at the Hartville Hardware store in Hartville, Ohio. We will need demonstrators during this event. An AAW membership will be needed to participate in this event. Lunch will be provided by the store in appreciation for our efforts. Hartville Hardware makes donations each month to our club raffle table. The Hartville Tool division has provided us a rebate back on our tool purchases by the club members. This past 2 years it has amounted to over \$200.

The Wooster Art Show has concluded and the pieces have been returned to their owners. Larry McCardel has brought back all the original boxes. Participants are to look in their boxes and determine if all their pieces have been returned to the proper owners. A total of 17 pieces have been sold at the event. Checks are to have been sent. Members who have sold items can look for the checks in the coming days.

Jerry Berlyoung has a truckload of wood that

he is willing to give away. He said that he had some cherry, walnut and maple. He will be available after the meeting to open his truck for the members wishing to replenish their inventory of turning material.

The membership drive for BWWT will begin in Oct., however, due to the heightened activities at the Oct. meeting with Michael Kehs, the drive will begin in Nov. Membership cards will not be issued this year since there is a huge supply left over from previous years. The treasurers report was given.

Howard Lorson stated that he will be purchasing a large quantity of peppermills and would like to extend the group purchase prices to the membership. Anyone interested in purchasing the interior parts of peppermills should see Howard for a 25% discount.

Respectfully submitted
Jerry Schaible, Sec.

Calendar of Events

The October meeting will be in our regular meeting place at Camp Y-NOAH on Saturday October 16th. Meeting begins at 9:30

The October demo will highlight **Mike Kehs** from Pennsylvania. He is a woodturner / carver and his topic will be to show carved enhancements to our woodturned bowls and vases. He will have an all day discussion on Oct. 16, 2010 and then a hands on session on Oct. 17, with 8 participants in the class. If there is a further interest, he might be able to hold a second hands on session on Monday. The Sat. session will be free but there will be a \$50 fee for each hands on session.

Parking for this meeting

Once again, the camp will be full of campers the weekend of our meeting and you will have Tom Johnson as your personal chauffeur from the horse pasture off Christman rd to Kastner Hall. The bus will continue to run between the pasture and our meeting hall until the start of the meeting. If the bus is not there when you arrive please be patient and wait for it. **Do not drive back.** Some, for whatever reason chose to drive back at the last meeting and this compromises the safety of the kids and our standing at Y-Noah.

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