



The DoveTale

June 2013

Woodworkers of SouthEast Texas

Officers:

President Dean Partridge, 722-7647
President elect David Mayer, 242-0674
Secretary Richard Hicks, 553-6157
Treasurer Waid Gauthier, 735-8392

Committees:

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Librarian Larry Trahan, 866-3075
Purchases Jerry Shivers, 794-2274
Membership Richard Hicks, 553-6157
Web Master Rob Emanuel, 729-9315
Programs Richard Hicks, 553-6157
Toy Project Dean Partridge, 722-7647

Members:	52	Present:	20	Visitors:	2
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Our Next Meeting will be Jul 22nd

June 24th Meeting

We held the June meeting at our regular meeting location, 1685 Ashley in Beaumont. Business items included:

- Waid Gauthier - about \$2,256
- Richard Hicks - 52 members
- Web Site - Rob Emanuel will investigate adding our program videos to the site
- Library - The Kreg videos are ready to check out

Next Meeting

Our next meeting will be on Monday, July 22nd, 2013 at our regular meeting facility, 1685 Ashley in Beaumont. Richard Hicks will present a program about building a storage cart that fits under his drill press.

Directions: Take the MLK exit on IH-10, go South on MLK and then turn West on Ashley. Go two blocks and you're there. The business meeting will start at 6:30 and the regular meeting starts at 7:00.

Show & Tell



Larry Sonnier shows the buckeye burl he turned as part of his "Hole-ly Bowl" program presentation.



Earl Rutherford turned his goblets from wood he found on the side of the road.



Dale Clark shows some cherry veneer he made by resawing thicker boards on his bandsaw.



Dale used this stacked magnetic feather board and fence along with a "Wood Slicer" bandsaw blade to cut his veneer.



Jim Dunaway brought an old wooden 'dough bowl' that was used to make biscuit dough.



Raymond Fontenote show his 'Celtic Cross' router bowl he made from maple and walnut.

Raymond won the door prize, \$35 since he had a show and tell item.

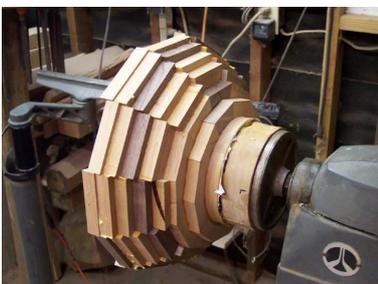
Special Saturday Meeting

Greg Koehler will present a program on segmented turning to our club starting at 11am on Saturday, July 27.

Segmented turning involves cutting and gluing



many pieces of wood together to make a blank that is turned on a lathe to make vase or bowl.



Greg has developed his own unique method for "zero thickness glue lines" and sizing the individual pieces

so they use a minimum amount of wood.

The meeting will be at our regular meeting facility, 1685 Ashley in Beaumont.

Program, Part One

Brad Tinkley from Batteries + Bulbs, a new business in Beaumont, presented a program about power tool batteries.

Most of our older power tool batteries are Ni-Cad batteries while the newer ones use Lithium Ion technology. There are major differences in the use and care of these batteries.

Ni-Cad batteries provide a lot of power and the output drops as the battery discharges until the tool slowly stops working. Recharge generally takes several hours. Ni-Cads are rated in number of cycles (discharge and charge is a cycle). Once they are charged, they should be removed from the charger. If they are left on the charger, they will slowly discharge and then the charger will sense the lower voltage and recharge them. This counts as a cycle and it will eventually ruin the battery.

Lithium Ion batteries have a small computer chip embedded in them that provides a steady flow of voltage to the tool and when it reaches a set voltage, it stops sending power. That's the reason most Lithium Ion powered tools run at full speed and then stop instead of slowing down and stopping. This keeps the battery cells from completely discharging which can cause them to reverse polarity. It's OK to leave the Lithium Ion batteries on the charger after the charging cycle is complete.

Batteries + Bulbs can rebuild most of the Ni-Cad battery packs - and at a much lower cost than a new battery. For example, the 14.4v DeWalt battery for my drill cost \$42.95 to rebuild vs. \$79 for a new battery at Lowes. If you mention that you're a member of WWSET, they'll even give you a small discount on your battery rebuild.

Program, Part Two

Larry Sonnier and Lyman Frugia presented the second part of our program about turning a "Hole-ly" bowl.

Larry used a piece of buckeye burl that had a lot of bark, dirt, rock inclusions and some rather large voids. Larry used a variety of tools to remove the inclusions and he said it took several hours to get the blank ready to turn.

Larry likes the Easy Wood line of carbide turning tools and he used them exclusively to turn this bowl.



The first step is to get the blank ready to turn by cutting it round on a band saw and gluing a waste

block to blank on the side that will be the bottom of the bowl. He likes to use CA glue because it sets fast and it's strong.

Mount the blank on the lathe and position the tool rest as close to the blank as possible.



Start the lathe at the slowest speed in case the blank isn't balanced. Establish the outside profile

of the bowl first.



Then reposition the tool rest and start hollowing out the interior of the bowl. Keep the tool rest as

close to the bowl as possible. Continue to remove the interior of the bowl following the profile of the exterior of the bowl. Periodically check the depth to be sure you don't turn through the bottom.

Sand the exterior of the bowl. Larry uses a Festool random orbit sander with the lathe



turning in reverse. He uses a succession of grits and finishes with 220 or 320

grit. Be very careful that you don't 'hang up' the sanding disc in one of the holes.

Then start sanding the interior of the bowl.



Larry uses a power sander with a 'hook and loop' abrasive attachment. Again, be very

careful not to 'hang up' the abrasive disc in one of the holes.



And here's the finished bowl that Larry brought for show and tell. He finished the bowl with several coats

of hand rubbed lacquer.

Thanks Larry and Lyman for an excellent program!