



The DoveTale

June 2016

Woodworkers of SouthEast Texas

Officers:

President Paul Magee, 658-8321
President elect Mark Underwood, 886-4283
Secretary Richard Hicks, 553-6157
Treasurer Waid Gauthier, 735-8392

Committees:

Newsletter Richard Hicks, 553-6157
Librarian Mark Underwood, 886-4283
Purchases Jerry Shivers, 794-2274
Membership Richard Hicks, 553-6157
Web Master Rob Emanuel, 729-9315
Programs Richard Hicks, 553-6157
Toy Project Richard Hicks, 553-6157

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|----------|----|----------|----|-----------|---|
| Members: | 54 | Present: | 21 | Visitors: | 1 |
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Our Next Meeting will be Jul 25th

June 27th Meeting

We held the June meeting at our regular meeting location, 1685 Ashley in Beaumont.

Business items included:

- Waid Gauthier - about \$1,980
- Richard Hicks - 54 members
- Toys - See Sam Tobey or Richard Hicks for toy patterns or parts
- Web Site - Rob Emanuel - Web site is up to date
- Library - Check out the new additions to the library donated by Jim Meadows

Next Meeting

Our next meeting will be on Monday, July 25th, 2016 at our regular meeting facility, 1685 Ashley in Beaumont. Mark Underwood will present the second part of his program about turning bowls.

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.

Shop Visits

Ronnie Webb has planned the club shop visits for Saturday, September 24. The itinerary is:

9AM to 11AM - Ronnie Webb's shop
7054 Johnson Rd, Mauriceville

11AM to 12 Noon - Lunch (on your own)
Dairy Queen and Sonic in Mauriceville

12 Noon to 2 PM - Dale Clark's shop
1075 West Village RD, Vidor

2:15 PM to 4 PM - Troy Gallier's shop
815 Warwick, Vidor

I'll publish maps and details later.

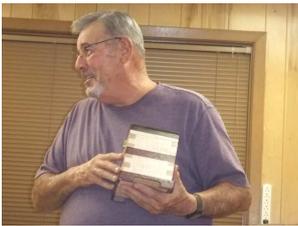
Magazine Swap Table

Reminder, we have the magazine swap table setup and operational. Bring your "no longer needed" magazines and swap them for some you haven't read.

How it works:

- You DON'T have to bring magazines to take magazines
- The magazines you bring DON'T have to be about woodworking
- We will routinely dispose of magazines that remain for more than a few months

Show & Tell



Bob Arceneaux showed two jewelry boxes - one is a unique, double-decker box with contrasting woods.



The other one had equally unique, steeply angled sides and a removable lid. Bob is one of our newest members.



Terry Turney made a walking stick out of an old crepe myrtle limb.



Richard Spinney shows a basket he cut with his scroll saw.



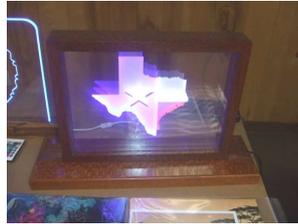
It starts as a flat board and as each ring is cut, it's rotated 90 degrees and glued to the previous ring to form a basket.



Troy Gallier shows a simple piece of scrap wood with a slot that makes a handy 'knob' for squeezing tubes from the bottom.



Jim Meadows shows a Texas flag he carved with his CNC machine. It has three panels of cast acrylic material with a different color LED light source that made it appear three-dimensional.



Jim also showed a cast acrylic panel, carved with the club logo and variable color LED lighting. Jim donated it to the club to use at public events like the Winnie Rice Festival.



Jerry Shivers showed pictures of a fish cleaning station and cabinet he built from cypress and stainless steel.



Ronnie Webb showed pictures of a pair of "washer tossing" game boards he built for his grandkids.



Mark Underwood showed pictures of several bowls he recently turned from spalted pecan, oak and mesquite.

Waid Gauthier won the door prize, \$25 since he didn't have a woodworking show and tell item.

Tool Reviews



Rob Emanuel showed some Old Masters Pickling White stain he uses to make light colored wood whiter for his intarsia work. Rob also showed a can of Locktite 77 spray adhesive he's recently started using for his intarsia patterns. He got it at Lowes.



Richard Hicks shows a new 'fractional caliper' he ordered from Craft Supplies. It's made of stainless steel, displays in

fractions of inches and decimals and it doesn't require batteries.



Waid Gauthier shows an "inside/outside" caliper that helps him measure items when he can't get to it with a conventional ruler.



Waid also showed a "saddle square" that helps you draw a straight line a fixed distance from the edge of a board.



Ronnie Webb showed pictures of the completed installation of his 6" dust collection system going to his table saw and jointer. Ronnie had to fabricate special ports for the tools to accommodate the 6" pipe connections.



Program

Mark Underwood presented the program, Let's Turn a Bowl, Part One - The basics.



While Mark's presentation was primarily for folks that just got a lathe and wanted to know how to turn a bowl, he

included additional information useful to more experienced wood turners.

Mark discussed turning safety, emphasizing the use of a face shield and dust mask as a minimum. He uses a positive airflow mask that provides both respiratory and impact protection. Mark also wears a turning smock and "fingerless gloves" for protection from the rotating equipment and wood.

Next, he covered wood selection and sources of wood from "side of the road" trimmings to purchased bowl blanks. The wood will often influence the design of the bowl.

Then he discussed the various ways that you can mount the blank on the lathe; the simplest being a worm screw chuck or a faceplate with glue blocks. He also discussed the various four jaw chucks that are available and he brought examples of most of them.

Mark showed us a selection of conventional, high-speed steel, turning tools such as bowl gouges and scrapers, but he prefers to use the Easy Wood carbide tools. The carbide is tough and stays sharp much longer than the high-speed steel tools. When the edge dulls, you just turn the carbide to expose a new edge.



Mark provided a simple calculation to come up with a safe turning speed range (assumes the blank is uniform in thickness and density):
 $6,000 / \text{blank diameter in inches} = \text{lower rpm}$
 $9,000 / \text{blank diameter in inches} = \text{upper rpm}$

Example: for an 8" diameter blank
 $6,000 / 8 = 750 \text{ rpm}$
 $9,000 / 8 = 1,125 \text{ rpm}$

A safe speed range for an 8" blank is 750 to 1,125 rpm

Always start the lathe at the slowest speed and gradually increase the speed until you get to the target speed.

After turning, Mark sands the bowl to 600 grit. He stacks the various grits of sandpaper strips and staples them together so he doesn't get confused and skip grits. He normally runs his lathe at 200 to 300 rpm while sanding and reverses the direction occasionally to give a smoother finish.

The sanded bowl can be finished with a number of different materials, such as:

- Waxes
- Lacquer
- Polyurethane
- Tung Oil

Each material has its own characteristics and they all require different methods of

application. The intended use of the finished bowl often dictates the type of finish that's needed. Finishes must be "food safe" on bowls that will be used for food.

Part two of Mark's presentation (at the July meeting) will actually be demonstrating the various steps in turning and finishing a bowl. A video of both parts will be available for checkout in our club library.