



The DoveTale

October 2019

Woodworkers of SouthEast Texas

Officers:

President Mark Underwood, 886-4283
President elect Wayne Whitehead, 626-2078
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

Members:	56	Present:	20	Visitors:	2
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Club Elections

Our Next Meeting will be Nov 25th

October 28th Meeting

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

- Waid Gauthier - about \$2,237.84
- Richard Hicks - 56 Members
- Toys - Plenty of supplies in stock - 620 toys completed so far and a fresh supply of wood is available
- Web Site - Web site is up to date
- Library - Several new books are available for checkout

Next Meeting

Our next meeting will be on Monday, November 25th, 2019 at our regular meeting facility, 1685 Ashley in Beaumont. Mark Underwood will present the program "Adding leather embellishment to a turned bowl"

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.

Steve Brady reported that the nominating committee met and they proposed the following slate of officers for 2020.

- Rob Emanuel for president-elect
- Waid Gauthier for treasurer
- Richard Hicks for secretary

We will accept nominations from the floor and vote on the officers at the November 25th meeting. The newly elected officers will take office immediately following the election.

Renewals

It's membership renewal time again. The renewal notices are in the mail and they include a return envelope. An even better idea - save a stamp and bring your renewal to the meeting. Our dues will remain at \$24 for 2020 - a real bargain. Reminder, you can also use a club gift certificate to pay your dues.

When you renew your membership, please take a few moments to verify your contact information on the front of the renewal card. Also please take a few moments to fill out the back of the card to share any ideas you have to make our club better and make program suggestions for 2020.

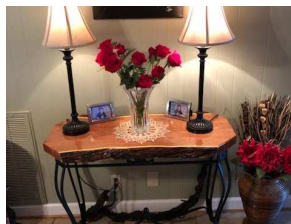
Show & Tells



Todd Barker showed a knife he made while visiting a Rockler store in Houston. He shaped and glued the wood scales to the sides of the knife.



Mark Underwood showed an aspen bowl that he turned. Then he added leather lacing around the edge of the rim. Mark plans to do a short presentation about the lacing at the November meeting.



Bob Arceneaux showed pictures of a table he made using a slab of mesquite and a wrought iron frame.



Red Dressel showed two new toys he designed for the toy project. We plan to make them for the 2020 toy project.



Richard Hicks showed pictures of 10 small candle boxes he made for the toy project. They were also designed by Red.



Tommy Frank shared pictures of a large boat he is building in his warehouse shop.



J Goodwin showed pictures of a night stand he made using red oak and ambrosia maple. He added a cell phone charging station and finished it with shellac.

Waid Gauthier won the door prize, \$25 since he didn't have a woodworking show & tell item. Rob Emanuel and George Barnes won the Craft Supplies Gift Certificates.

Tool Reviews



Steve Brady made a batch of wood finishing material he learned about on YouTube and gave out several samples to members.



Bob Arceneaux showed pictures of a machine mobile base he bought for his new Jet bandsaw. It is easy to assemble and adjust to fit the saw.



Rob Emanuel showed an adjustable miter slot bar he used to make a sled for his table saw. It's made by MicroJig and he got it from Rockler.



Richard Hicks showed a router gauge designed to measure the distance from a router bit to the fence or the height of the bit. It's available from Rockler for \$20.

Program

Rob Emanuel presented the program "Torsion Boxes and Kerf Bending". He used both techniques for a project he recently did for a high school band. They needed a portable stage and a mockup of a baby grand piano for a half time presentation.

Using torsion box construction allows you to build large, flat items that are light weight but exceptionally strong. The items are typically made with an upper and lower layer of plywood or MDF and a 'honeycomb' internal grid of interlocked vertical panels joined by half-lapping through dados.

Rob started with the overall shape and dimensions of the piano. He used $\frac{1}{2}$ ' plywood for the upper and lower layers and the internal honeycomb structure. He laid out the honeycomb to provide the best



combination of strength and light weight. He cut half-lap dados at the intersections and added glue to joints

and glued the honeycomb in place. He also added reinforced sockets to the structure to hold the legs of the piano.

Rob's next challenge was to cover the curved sides of the piano. He elected to use plywood for the sides and used a 'kerf bending' technique to bend the plywood around the



curves. Kerf bending involves making a number of properly spaced saw kerfs almost through the thickness of the wood

that allow the outer layer to bend (but not break) and follow the curves. There is no 'secret calculation' for the proper number or depth for the kerfs, you just have to

experiment to get the right combination that will allow the material to bend, not break and



make a smooth curve. As evidenced by the picture, Rob got the combination correct and was able to make a smooth side panel

around the entire piano.



This is a picture of the finished piano. The band plans to install a full size synthesizer where the keys would normally

be. The 'piano' is light enough that it can be easily moved by several students but strong enough for a student to sit on it. It will probably be used by the band for many years.

Thanks Rob for an excellent program. A video copy of Rob's presentation is available in our library and a copy of his presentation slides is on our website www.wwset.org.