



The DoveTale

July 2017

Woodworkers of SouthEast Texas

Officers:

President Mark Underwood, 886-4283
President elect Red Dressel, 860-4817
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:	61	Present:	21	Visitors:	2
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Our Next Meeting will be Aug 28th

July 24th Meeting

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

- Waid Gauthier - about \$2,559
- Richard Hicks - 61 members
- Toys - Plenty of supplies in stock
- Web Site - Web site is up to date
- Library - If you have items checked out, please return them the next month. If you still need it, check it out again.

Next Meeting

Our next meeting will be on Monday, August 28th, 2017 at our regular meeting facility, 1685 Ashley in Beaumont. Kris Castle will present a program featuring the legendary woodworking of George Nakashima.

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.

Safety

Mark reminded us to check the expiration dates on our first aid kits (you do have one in your shop, don't you?).

Mark also related a story about a friend that didn't do his routine maintenance on his air compressor and the tank blew up. So, a reminder, make it a habit to drain the tank on a regular basis. The high humidity in our area makes this especially important.

Club Social

Several members of the committee that's planning our club social were absent so the discussion was postponed until the August meeting.

Show & Tell



Gerald Wheeler shows a segmented bowl he turned with over 900 pieces. Gerald was recently on a local TV station showing his woodworking and he gave our club some great publicity.



Jerry Shivers showed three small cutting boards made of walnut and maple. Since his wife quilts, he incorporated quilt block patterns in the board design. Jerry also brought a small turned box his wife bought while on a trip so he could tease



Mark into thinking he had started turning. It worked too!



Jim Thibaut, besides presenting the program this month, showed several nice pieces of African Blackwood. Jim has additional pieces for sale below market price.



Richard Hicks shows a box made from German Beech with a hummingbird intarsia pattern. He used suede mat board to line the box.



Richard Spinney shows his carved segmented cookie jar. He made the rings, cut them round on his bandsaw and scroll saw, carved the edges and glued the pieces together to make the jar. He doesn't waste scraps, so he glued them together and



made a bowl. He also had a box of items like bracelets and other items that he carved.



Don Lemp shows a lamp he made using plans from WOOD magazine published in 2005. Don has made numerous lamps out of different woods, but used walnut on this one. He 'frosted' the acrylic panels using 120 grit sandpaper.



Michael Newell showed pictures of a wall mounted box that cleverly hid a key storage area. The "top" of the box was mounted on drawer slides and he installed a lock on the side of the cabinet. Michael also showed a short video showing how the box worked.



Tommy Ellis showed a picture of a table he recently made of cedar. He used Miller Dowels to secure the legs to the table.

Michael Newell won the door prize, \$25 plus a \$25 gift card to Hartville Tool. Jim Thibaut and Mark Underwood won the Craft Supplies gift certificates.

Tool Reviews

Mark Underwood showed us the new MicroJig's Match Fit Dado Stop system. With the Dado Stop system, you don't need a dedicated dado blade and don't have to spend the time changing blades. The stop mounts on your table saw rip fence. After setting the stop to the width of your saw kerf and the thickness of your work piece, you can make a precisely fitting dado using an ordinary table saw blade.

Mark showed a short YouTube video showing how to setup and use the stop system.

Dale Clark mentioned that he was having issues with the accuracy of the cuts on his CNC machine. After investigation, he found that the problem was a Freud 3/8" spiral cut carbide router bit that was actually 1/32" undersized. He was surprised because he believed he could normally count on the quality and accuracy of Freud router bits. He suggests that you carefully measure your bits to be sure they are the right size.

Program

Jim Thibaut presented the program about the jigs and procedures he uses to make his



wooden bolt and nut sets. They are precise replicas of steel bolts and nuts. Jim generally uses exotic hardwoods like

cocobolo, purpleheart, or bloodwood because of their dense grain and machining qualities.

Jim uses a Beall Threading Kit for the specialized tooling (tap, router bit, threading inserts) and detailed drawings for the holders and handles. The kit for



making the 1 1/2" inch bolts and nuts is about \$100 and the link to the Beall Tool website is:

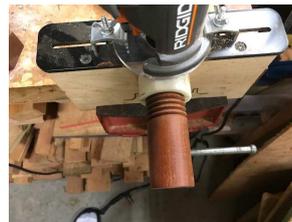
<http://www.bealltool.com/products/threading/threader.php>

Jim starts by making 1 1/2" dowels on his lathe using a homemade jig and router. He starts with 1 5/8" blanks that are 24 to 26 inches long. He mounts the blank



between centers on his lathe and uses a router with a 'bottom cutting' bit, riding on a homemade track, to machine and sand the dowels to 1 1/2" +/- .005" which is critical when cutting the threads. He cuts the dowels to about 6" long.

Next, he threads them using the Beall kit and a router with a 60 degree bit. The threading



insert guides and pulls the dowel as the router cuts the threads. Jim leaves the router running as he removes the dowel to help 'clean up' the threads.

Jim uses a template to cut the nuts and bolt heads. He uses a tap (included in the kit) to cut the threads to make the nut. He drills a hole in the bolt head and glues the bolt into the head. Jim uses his lathe with different chucks to turn chamfers and machine faces on the bolt heads and nuts. He wants the wooden parts to look exactly like the steel ones.



To make the washers, Jim takes a thick hole-saw and uses a 3 1/2" hole-saw to cut a round blank and uses a 1 5/8" forstner bit to

make the blank into a doughnut. Then he glues the doughnut to a board and uses his bandsaw to slice off washers.

Jim sands all the pieces and finishes them with Danish or Tung oil depending on the gloss he desires on the finished piece.

Thanks Jim for a very interesting and informative program. A video copy of Jim's presentation is available in our club library and a copy of his slides is available on our website.