



The DoveTale

April 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:	57	Present:	24	Visitors:	3
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Safety

Our Next Meeting will be May 22nd

April 24th Meeting

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

- Waid Gauthier - about \$2,632
- Richard Hicks - Renewals complete with 57 renewals
- 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, May 22nd, 2017 at our regular meeting facility, 1685 Ashley in Beaumont. Waid Gauthier will present the program - Finishing Using an HVLP Spraying System.

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.

Mark reminded everyone that it's a good practice to clear your mind and focus on safe woodworking when you start working on a project.

He also reminded folks to make it a practice to completely lower your table saw blade when you're not using it. It will prevent damaging the blade, another workpiece or maybe even your hands.

December Social

Mark reminded us that we don't have a meeting in December due to scheduling conflicts with Christmas, but he wondered if the membership might like to have a 'family oriented' social meeting during the first or second week in December.

He suggested either a meeting at the club house where the club furnished the meat and members brought a 'covered dish' or possibly meet at a local restaurant for a meal.

Mark would like some feedback so we can make plans or 'take it off the list' if no one is interested.

Show & Tell



Wayne Whitehead shows two bowls he turned from a pecan burl.



Richard Spinney shows a wooden spatula and a bowl he carved from a left over lamination and plywood.



Earl Rutherford shows two knives he made using 52100 ball bearing steel. He added a walnut handle to one of them.



Jerry Shivers shows a tambour door bread box he made using birds eye maple.

Jerry also showed several pictures of recently completed pantry cabinets he made using quarter-sawn white oak plywood for the panels.



Mark Underwood showed pictures of a bowl he made from a left over lamination of maple, mahogany and zebra wood.



Bob Arceneaux showed several cutting boards, some examples of his father's carvings and some pictures of a recently completed pergola.



David Mayer showed several of his sea urchin ornaments with turned maple finials.



Don Lemp shows a desk clock he made using mahogany, maple and zebra wood.



Terry Turney showed pictures of a cherry gate-leg table he's building. He has the three panels done and he's adding the 'rule joints' to the panels.



Ray Kebodeaux, a visitor from the Lake Charles club, shows an expensive bench vice he made rather than having to buy one.



Joe Comeaux, also visiting from the Lake Charles club, shows an 'end-grain' cutting board with an intricate pattern.

Dale Clark won the door prize of \$25 plus a \$25 Hartville Tool gift certificate since he had a woodworking show and tell item. Bob Arceneaux and Jerry Shivers won the Craft Supplies gift certificates.

Tool Reviews

Richard Hicks brought a Leecraft Zero Clearance Table Saw insert he ordered from Hartville Tool. The heavy weight insert has a molded slot on the bottom that makes installing the insert easy and safe. The insert also has side and end adjusting screws and an anti-lift pin so it fits securely in the saw.

John Phelps brought a new Lie-Nielsen plane. It is a beautifully made plane. He also brought a Super Scraper with a carbide blade. Even though it's primarily made to scrape gaskets off of metal automotive parts, it works equally well for woodworking tasks. The carbide edge should last a lifetime.

Donation

David Mayer donated a video projector to the club. The new projector should eliminate the 'rainbow effect' on the videos we make of our program presentations. The new projector also supports HDMI inputs for better resolution. Thanks David for your generous support of our club.

Program



Dale Clark presented a program about using a CNC machine for woodworking.

Dale built his CNC machine using plans he ordered on the internet. The plans provided details about building the machine and sources for the

required hardware and software. The bed of Dale's machine is about 4' x 4' and uses a 3.5 HP Bosch variable speed router (the router speed is manually controlled).

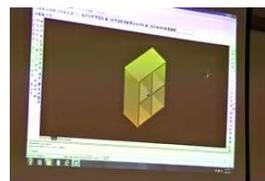
Dale listed the CNC advantages as:

- Precision (typically +/- .005)
- Repeatability (typically +/- .002)
- Safety (hands and fingers are not near the cutting tools)
- Physically easier to use than moving the work through the cutting device
- Intrigued by the technical aspects it added to his woodworking projects

But, the disadvantages are:

- Cost (his 4 x 4 unit was \$6,000 (Dale purchased a fully assembled controller unit)
- The equipment is large and takes up a lot of room
- Complexity - lots of computer and technical stuff to master

His system uses V-Carve Pro software to 'describe' the parts (like a CAD program) that then translates the object into movement commands that the controller software (Mach3) uses to actually move the router to cut the parts. Dale showed his project in the



the plywood part.

Dale demonstrated the precision of the cuts by bringing cut pieces and showing how precisely they fit (especially hard to do since plywood is not made to precise thicknesses). Dale believes that it would take him longer to



setup and properly size his dado set, set and reset his fences and make all of the cuts on his table saw than it took

him to program and cut the pieces on his CNC machine. The spiral router bit was a lot less expensive than even the cheapest dado blade set. Dale says the CNC machine work was more interesting and required a lot less effort since he didn't have to physically move the pieces to make the cuts. The rabbets and dados were perfectly aligned and the pieces fit together with the right tolerances.

Dale also brought a small raised panel he cut on his CNC machine using a standard raised panel bit with the pilot bearing removed. He showed how the mitered edges were perfectly formed which is hard to do when you manually move the panel through a table mounted router setup. The CNC operation was also much safer since you aren't holding the workpiece while making the cut.

Thanks Dale for a very interesting and informative program. A video copy of Dale's presentation is available in our club library.