The DoveTale

October 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:

Newsletter	Richard Hicks, 553-6157
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:	55	Present:	25	Visitors:	1

Our Next Meeting will be Nov 25th

October 28th Meeting

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

- Waid Gauthier – about $1,834
- Richard Hicks – 55 members
- Web Site – Rob Emanuel - Web site is up to date
- Library – New books suggested by John Olson are now available in the club library. We will renew our subscriptions to ShopNotes and Woodsmith magazines.

Next Meeting

Our next meeting will be on Monday, November 25th, 2013 at our regular meeting facility, 1685 Ashley in Beaumont. Larry Sonnier will present a program about finishing items turned on a lathe.

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.

Club Elections

The nominating committee presented the slate of officers for 2014.

- Troy Gallier 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 winners will officially take office following the election.

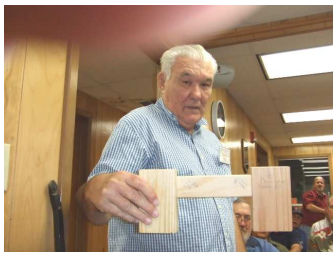
Renewals

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 2014 – a real bargain.

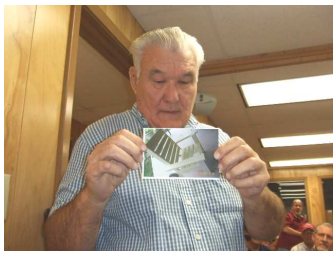
When you renew your membership, please take a few moments to share your thoughts about ways to improve our club. We have many very knowledgeable woodworkers in the club that are willing to present programs, so I need your input and ideas for next year's programs.

Show & Tell

Richard Spinney shows a carved apple with arrow through it and a 'staved construc-tion' lampshade he carved.



Tommy Ellis shows mortise & tenon joints he made using a jig he constructed.



Tommy Ellis also shows an Adirondack chair he recently constructed.

Larry Sonnier shows a buckeye burl bowl he recently turned. It has a VERY thin bottom.

Mark Underwood shows a tool he recently purchased that measures the wall thickness on turned items.

Tod Braquet won the door prize, $25 since he didn't have a show & tell item. David Mayer and Jerry Shivers won the Craft Supplies gift certificates.

Program

Four club members presented our program this month about making homemade woodworking tools. Earl Rutherford, Steve Brady and Richard Hicks talked about tools they made for turning wood on their lathes and Mark Underwood shared the construction details of his new drum sander.

Richard Hicks started by explaining how he and Earl, Steve and Pete made the boring bars they saw during a turning program presentation by Lyman Frugia. Boring bars are used to hollow out deep vessels on wood lathes.

The group pooled their talents; gathering materials, cutting the parts, welding the pieces together and sharpening the cutters. They estimate the hollowing bars cost each member less than $50 vs. $500 for a purchased deep boring tool set.

Richard also showed the original 'steady rest' they made based on a magazine article. Steady rests are used to support items on the lathe while they are being hollowed out. They made them out of MDF, plywood, and used in-line skate wheels. The steady rests cost each member about $5 vs. $400 for purchased ones.

They also made wall thickness indicators that use a laser to measure the thickness of the wall as they are hollowing out the interior of the vessel.

While these original tools served them well, Steve and Earl made some improvements to the originals.

Earl Rutherford and Steve Brady felt like the boring bars would be easier to control if they were heavier. They also wanted a narrower profile on the back section so they could maneuver the boring bar to a greater angle when hollowing out the neck of a vessel. They made new boring bar sets out of solid stainless steel and made the cage narrower. This really helped reduce the vibration and chatter of the tool.

After using the steady rests for several

projects, they discovered a need for a more substantial steady rest because the MDF was not strong enough. They made several improvements including using steel instead of MDF for the frame and using better wheels and hardware. To make the steady rest lighter and easier to handle, they plan to make new ones using aluminum instead of steel.

When turning a bowl, as a final step you need to finish turning the bottom of the bowl after it's removed from its mounting block or chuck. There are several scroll chuck attachments available, but they are expensive and they

don't fit some bowl sizes. They found diagrams for a homemade Longworth chuck that uses a scrolling action to provide an infinite range of diameter adjustment sizes to hold almost any size bowl. The rubber covered holding feet are moved in unison by turning the wheels sections. This allows adjustment to fit almost any size bowl. The holding feet can grip the interior or exterior edge of the bowl.

Earl also showed many of the specialized turning tools he's constructed to solve various turning problems that commercially available tools can't handle.

Mark Underwood needed a drum sander to make some segmented bowls. The commercially available sanders were very expensive and limited in size. He found the plans for his homemade drum sander on the internet (http://woodgears.ca).

Mark explained how he made the most time consuming part, the drum. He had a machine shop make the shaft and he made the drum from MDF discs. After truing the drum, he applied hook and loop material to the drum and uses various grit hook and loop sanding belt material. Changing grits is easy with the hook and loop material. He made the table from a piece of Formica covered MDF left over from a cabinet job. Mark's sander does not have a power feed mechanism, so Mark pushes the material through the sander three times at each thickness setting.

Plans for all of the homemade tools will be posted on our website and a video of the presentation is available in our club library.