John’s Jaunt

Welcome to the September edition of R.I.P.S.A.W. First up, an update on my table project that you saw at the July meeting. I have finished the top and cut to size all of the base pieces. Next up is to cut the joinery for the legs. I am hoping to have the table done in time to put it away for the winter!

As we enter the later part of the year, it is time to start thinking about Christmas projects and toy making. Jay Pilling has made arrangements with Woodcraft to use their facilities on Mondays starting in September. Look for more details on the following pages. One thing to keep in mind as you make your own toy making plans is your choice of wood. It is recommended that any sort of spalted wood should be avoided.

As I mentioned last month, we have two open positions, one of which is a board position. We need someone to coordinate our Publicity activities as Publicity Chair, primarily the Woodworker Show coming up in February. We need to start making contact with the show personnel to ensure that we have a successful show again this year. Also, we still need someone to coordinate the facility setup and take down. If you think you can help or have questions, please ask a board member for more details.

Thanks and happy woodworking!

John

Workshop Noise Reduction

by Leila Crandall-Frink

Guild member Mike Miller was our speaker for the August meeting. He presented his information on reducing the noise between the workshop and the house. Mike and his family live in a ranch style home and his workshop is in the basement. Because he wanted to actually work in the workshop after his children went to bed at night, he needed to do something to confine the noise to the basement workshop.

Mike said sound is expressed in decibels, which is a ratio of the ambient sound pressure compared to the reference sound pressure. Its comparison usually starts with comparing the sound of a mosquito flying about 3 meters away, which Mike says is considered the threshold of human hearing. (Usually I don’t hear mosquitoes until they get MUCH closer.).

Mike said sound proofing is to do something to reduce or eliminate the source of the sound, or do something to the pressure waves to affect how we perceive the sound. Mike introduced us to the six principles of sound proofing. They are sealing, mass, isolation, resonance, conduction and finally creating distance from the source of the sound.

First Mike said it is important to seal anywhere sound waves can escape the workshop. The best way to do that is to seal all air holes. He says that electrical outlets and switches are major sound holes. So he said to seal anywhere sound can escape. The sealing can be done much the way you weather seal a home. Use caulk, especially silicone caulk, use door seal and window seal, use thermal insulating principles, and he said use an acoustical sealant if possible.
Next Mike talked about the principle of mass to help with soundproofing. Sound has a more difficult time shaking something heavy. People add drywall to help deaden the sound escaping from a room. Mike said adding drywall to drywall is not an effective way to reduce sound transmission. You can add a layer of mass loaded vinyl to the drywall and it will reduce the sound.

Next Mike talked about isolation to help with soundproofing. He said that you can mechanically isolate the source of the sound by creating barriers that will not allow the sound to move from one place to another. This is the principle he used on his ceiling joists between the basement and the floor of the home. He made his joists staggered and then added a clip to them and then installed the drywall to the clip. This eliminated the source of sound moving from one space to another through the joists. He showed a system where you can add a second layer of drywall using something called green glue that puts a space between the layers that does not allow the sound through.

The next principle he discussed was resonance. He said resonance is like when an airplane takes off and homes nearby have their windows rattle from the sound waves. It is something you want to avoid between the walls or ceilings or floors of where your shop is. Any vibration of walls etc. will translate to sound movement on the other side of the surface. The green glue would help in this area too.

The principle of conduction is that sound carries through the floor and joists to adjoining areas. Using the green glue to attach a second layer of flooring material would assist in lessening the impact of sound through the floor. Also Mike talked about a product usually used in automobiles to reduce noise that can be purchased and used in cabinets in your machines and other spaces that carry sound. They are called Q-pads.

Mike talked about the types of machines and the sound they produce in the workshop. Skill saws are noisy because they have universal motors. Equipment, such as a vacuum cleaner, circular saw, router and electric drill, also have universal motors and will be noisier. Universal motors are built to run on AC or DC power. They have brushes that rub on an armature and some have gear train noise also.

The air cleaning system in a workshop creates a lot of noise. You can install a muffler to reduce the noise produced by this equipment. See websites www.billpentz.com or www.shopnotes.com and look up their articles on mufflers and how to construct them.

And finally Mike said it is best to have some protection than none at all. Use ear plugs or better yet a muffler type ear protection. It will be better than having hearing problems as you get older. Thank you to Mike for an informative program.

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Board Briefs:

Jerry Tackes

Attendees: John Johnson, Dick Yezek, Jay Pilling, Tom Schuppe, Bill Smeaton, Bill Godfrey, Leila Crandall-Frink, and Jerry Tackes

Membership: 128

Treasury Balance: $12,985.01

Open Committee Position: Publicity mainly with the February Woodworkers Show

Meeting Schedules: All meetings thru February 2008 are planned

Other: The board authorized Jerry Tackes to spend up to $100 per month for a 6 month trial period on library material.

Jay Pilling and Jerry Tackes will pick toy projects to be built at Woodcraft beginning Monday September 11 at 9:00AM.

Dick Yezek provided a computer presentation on all workshops and special presentations going back to 1997 for use in planning future programs.

September 19 Learning Session

A sign up sheet and maps will be available at the September meeting for a learning session on wood preparation. This will be an interactive event where various techniques will be demonstrated. Come prepared to participate.

Jerry Tackes 414-431-4242 brewwood@wi.rr.com
Tool Review

Jerry Tackes

Wixey Digital Angle Gauge is used to measure angles to a 0.1 degree accuracy. It has only two buttons “On/Off” and “Zero” and is about 2x2x1 inches. The unit has a magnetic base so that it can be attached to a tablesaw blade while the blade is moved.

It can be used to align a chop saw, radial arm saw, bandsaw, jointer fence, drill press and the list goes on. To use it: Turn it on. Set it on the table and press the zero button. Attach it to the blade and move the blade to the desired angle as read on the display.

I just finished a special table saw sled where I wanted a 30 degree ramp when finished. I could build the sled using a 30/60 triangle, but there was no other way that I could check that the finished unit was at 30 degrees. In fact I had to add a paper shim to move the 29.7 degree reading to exactly 30 degrees. Even using a square to check perpendicularity of a saw blade will not yield the accuracy this little $40 device does.

Know Your Fellow Woodworker - Klaus Zunker

by Jerry Tackes

Meet Klaus Zunker one of the most prolific woodworkers in our Guild, for seldom a meeting goes by without Klaus displaying his latest creation. We usually see a carving or turning or a combination of the two, but there is more to his woodworking, but more on that later.

Klaus was born in Germany and came to the US at 18 in 1954. He is married to wife Jane for 49 years, and they have two grown sons who have blessed them with 6 grandchildren. Klaus attended several local advance schools to better his English and apprentice as a machinist. His machinist career was rather short for he found his niche in Quality Assurance at Chain Belt then renamed Rexnord and now Invirex. He still works 4 days a week to earn travel money, for he and Jane enjoy world travel with recent trips to Peru and Egypt. When not woodworking they are doing extensive remodeling of their new home including installing new kitchen cabinets, a garage revamp and of course a new shop. Klaus is also working on building his second car a 55 jeep.

Give an 8 year old a pocket knife and he becomes a life long carver—this is Klaus’ story, for as a kid he carved replica war planes and models of the Santa Maria which he sailed with friends. His many accomplishments includes 4 carved cedar chests, wall units, end tables, mission tables, stackable tables, bed room furniture, vanities and much more. While visiting a local woodworker supply store the owner invited him to try turning and he’s been hooked ever since.

After working 4 days a week, remodeling his home, building a car, woodworking, and belonging to two woodworking groups, Klaus and Jane find time to enjoy a retreat cottage on the Wisconsin River. WOW what energy!

September Raffle Column

Wally Hue was the winner of the Freud Box Joint Cutter Kit in August. The September raffle prize has been donated by Paul Meisel who is our guest September speaker. Paul started Meisel Hardware Specialties in 1978. Since inception Paul’s company has been providing the woodworking community with detailed project plans and project supplies. Meisel located in Minnesota may be reached at 800-441-9870 or on-line at http://www.meisel-woodhobby.com/.

Year End Raffle

by Alan Clapp

We have several raffle prizes planned for the Year End Party. The Milwaukee Woodcraft Store has donated an air compressor that will be accompanied by a brad nailer for the grand prize. A second brad nailer will be given away to another winning ticket holder and Chris Kraemer has donated a $50 gift certificate and two $25 gift certificates as well. Come to the September Guild meeting to learn more and have your first chance to purchase a year end raffle ticket. These tickets will be offered for $5 each at the Fall Guild meetings and at the Holiday Party. Stay tuned for more details.
A few of Klaus Zunker’s works

Friends of the Wisconsin Woodworkers Guild

A. Fillinger, Inc. 6750 N. 43rd ST, Milwaukee 414/353-8433
Alpine Plywood 12210 W. Silver Spring Road, Milwaukee, 414/438-8400
Custom Service Hardware 1170 Wauwatosa Rd, Cedarburg, 262/375-7960 or 800/882-0009
Neu’s Building Center, Inc. River Court, Hwy 41 & Q, Germantown, 262/251-6550
Rockler’s (The Woodworker’s Store) 845 N. Mayfair Road, Wauwatosa, 414/774-1882
WoodCraft, 1725 So. 108th St., West Allis, 414/607-6164
Woodline USA, can be reached at 800-472-6950, www.woodbits.com

About Paul Meisel

Paul Meisel to speak at the September meeting
Our September speaker will be talking on the subject of how to get children involved in woodworking. All of us got involved in the hobby in some way. Have you ever wondered what it would be like if you never had that certain someone or that school industrial arts class that got you started on such a wonderful lifelong hobby? Do you feel any desire or perhaps an obligation to return the favor? Perhaps you have a child or grandchild or even a neighbor who you could take into your shop.

But how would you even start? Paul will explain the simple and effective approach he uses at our upcoming meeting. Paul currently teaches on a volunteer part-time basis at Flagship Academy in Minneapolis. His has developed a foolproof program that is so practical and easy to teach that anyone can do it. And the kids he teaches (age 9 - 13) love it!

Paul is a certified industrial arts teacher with ten years of experience teaching woodworking in the public schools. It was while teaching school in the 1970’s that other industrial arts teachers recognized the quality and practicality of the woodworking projects he was having his students build. Soon he was providing plans to other teachers. In 1978 he started a project plan
design company. This company, Meisel Hardware Specialties, has become a leader in innovative project plans for the home hobbyist woodworker. Paul and his staff have designed and produced over 3,000 project plans since he started his company.

Woodcraft Schedule of Classes

**Basic Cabinet Construction** 6 Week Session, w. Chris Kraemer, Wed, Aug 29, Sept. 5, 12, 19, 26, Thu Oct 4, 6 PM - 9 PM

**Carve a Red Bellied Woodpecker**, w. Roger Wilson, Tue, Sept. 4, 11, 18, 25, Oct 2, 9, 6 PM - 9 PM

**Basic Router Techniques**, w. Jason Swanson, Thu, Sept. 6, 6 PM - 9 PM

**Sharpening Lathe Tools** on grinder systems with jig, w. Ron Nelson, Sun, Sept. 09, 11 AM - 4:30 PM

**Learn to Make a Sackback Windsor Chair**, w. Keith Thompson, Fri, Sept. 14, 9:30 AM - 5 PM, Sat, Sept. 15, 9:30 AM - 5 PM, Sun, Sept. 16, 9:30 AM - 5 PM

**Woodworking For Women**, w. Jason Swanson, Mon, Sept. 17, 6 PM - 9 PM

**Raised Panel Doors On A Router Table**, w. Jason Swanson, Thu, Sept. 20, 6 PM - 9 PM, Fri, Sept. 21, 6 PM - 9 PM

**Woodworking for Women - Build a Clock with Greene and Greene Flair**, w. Jason Swanson, Sun, Sept. 23,& 30, 9:30 AM - 1 PM

**Wood Preparation Using The Planer, Jointer & Table**, w. Jason Swanson, Mon, Sept. 24, 6 PM - 9 PM

**Turn a Natural Edge Bowl**, w. Hank Bardenhagen, Thu, Sept. 27, 6 PM - 9 PM

**Turn A Euro Pen**, w. Melanie Wegner, Fri, Sept. 28, 6 PM - 9 PM

**Toy Workshop**

*by Jay Pilling*

Toy workshops will be held at Woodcraft Store in West Allis at 1725 S 108th St. We will start Monday Sept. 10th and each Monday thereafter until the toys are complete. We will start at 9 AM and finish at 3:30 PM each Monday. Sign up at the next guild meeting.

**Upcoming Programs**

Wednesday September 5th, 2007
Hardware Specialties
Presented by Paul Meisel

Wednesday October 3rd, 2007
Bending Wood
Presented by Dave Gillis

Wednesday November 7th, 2007
Health Issues for the Woodworker
Presented by Scott Stanwick

Wednesday December 5th, 2007
Annual Holiday Party

**Upcoming Workshops**

Wednesday September 19th, 2007
Stock Preparation
Presented by Jerry Tackes

Mondays beginning Sept. 10
Making Toys for Women’s Shelters
Held at Woodcraft

Wednesday October 17th, 2007
Topic to be determined by Participants
2nd in a Series of Woodworking Learning Sessions
Presented by Jerry Tackes

November, 2007
Hands on Spraying
Pick a date for spraying demonstration
Presented by Matt Bohlmann
September Program
Wednesday, September 5, 2007, 6:15 till 9:30 PM
Faith United Church of Christ
Fellowship Hall
4240 N. 78th Street
Milwaukee, WI 53225

Hardware Specialties

Presented by
Paul Meisel
First Time Guest are Welcome

First Class Mail