



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 21 Issue 6

July 05

Guild Meetings:
Jacob's Well Church,
1617 W. 42nd St.,
KC Mo. 64111

**The Guild is looking
for new space. Can
you help?**

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Books
George Rexroad

Editor/Web:
Wayne Wainwright

July Raffle: Chris will have his usual assortment of fine tools!

Please thank sponsoring members; noted below for supporting our Guild.

Next Meeting Wed. July 20th, 7 PM

Program: Tim Boles Bob Settich - Choosing Hardware

Sawdust: The Presidents Corner

Wayne Wainwright



In May I asked the question; "what are you doing to expand your woodworking skills"?

I'm glad to see that many of you have taken that question seriously. Both the mentor program and the basic skills training class hosted by Ken Sokol were full this past month. 7 people will have a new Peg Shelf to proudly display in their homes, and in doing so, will have learned some good techniques on the use of the router, table saw, jointer, planer, spindle sander and finishing.

It is good to see woodworkers trying to improve their craft.

The CRP team had a review session on July 13th and another is being scheduled in late Septem-

ber so for those of you participating, get your work completed!

On a personal note, I am trying to "walk the talk" as well. I recently attended a training session with Kelly Mehler in Berea Kentucky. The task was to produce a Blanket Chest (mine will be used as a Toy Box for my niece).

The exercise however was not about the box. It was about learning the process for making hand cut dovetails (I cut 112 tails and pins in the class!). It was about design, about stock selection, repairing mistakes and much more.

I must say, before going to the class, I felt I understood the woodworking process quite well. Certainly not an expert, but a good handle on "how" things should be done.

I discovered there was a great deal I did not know about woodworking!

Novice or expert, training classes are always good to expand your knowledge and improve your skills.

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As I expected, I did not complete the box during the class, but I am confident I learned enough to do it some justice when all is said and done. I hope to share this work with you in August or September.

Attending this class was one of the best wood-working experiences I have had. I met some great people from around the country (CA, TX, MD, VA, WI, MI and FL), and was able to make a couple of new friends who will help "pull" me along in my woodworking.

This training compliments what I learn here at home quite well, and it gives me new ideas and a different way of looking at a problem. Kelly Mehler is an excellent instructor and the cost was definitely worth the learning! His school in Berea Kentucky is tucked away on 10 quiet acres and is set up for one thing only - and that is to enhance the learning experience.

He provided us with all the tools, technique and process and created a learning environment that allowed us to work together as a team to enhance our woodworking skills. I was very impressed and would highly recommend his classes to any of our members regardless of your skill level.

I want to thank the people who participated in our recent events. The trip to Belvue Kansas was wet, but eventful. We learned a lot about the Kansas Forest Products Association and about wood in Kansas. Yes, there is plenty of wood in Kansas.

Some of you also got some pretty good pricing on lumber from Tim Fairburn in Butler Mo. I think one person walked away with a few hundred board feet of Oak, Cherry and Cedar for about \$2 bf. I got 100bf of White Oak and Walnut for about \$1.75 bf overall!

Several members also participated in turning a large White Oak tree into lumber slabs that are now peacefully resting at our Sponsor Elmwood Reclaimed Timber. Several months from now, the Guild will be able to offer it for sale at "very"

reasonable prices.

For the women woodworkers in our club, I have subscribed to a new magazine called "Woodworking for Women" and will provide those issues to the Guild library starting in August. You can read more about them at:

<http://www.woodworkingforwomenmagazine.com/>

The American Association of Woodturners is having their annual Symposium in Kansas City at the Overland Park Convention Center July 22-24

This event is for people serious about wood turning. There will be 3 days of incredible demonstrations by national and international demonstrators, a Gallery of work and a complete Woodturners trade show.

Non-member costs are \$315 for the full event or \$160 per day (\$275 and \$125 for members).

Member **Anthony Harris** will be a demonstrator so if you have an interest, you should go and support him. Find out more at their website:

<http://www.woodturner.org/>

Wanted: Used smaller size table saw. Price is no object as long as it "very" reasonable

For Sale: 1994 Mercury Grand Marquis Excellent condition. 106,000 one owner miles, transmission fluid just changed, front end alignment, air conditioner gassed, great tires. Asking \$3500.00

Contact Jerry Jennings: 816 420-8213 for both

The Guild is looking for 1 person for the following responsibilities:

Web Master

If you have an interest, please contact our Communications Director Brian Kemp

Program: Tim Boles - Hilti Tools

David Roth

Hilti tool has been making tools since the 1930's. They started with nail guns then ventured to other tools and fasteners. Hilti always tries to improve on their tools and to make them better. Sometimes a customer will be frustrated because they bought a tool 5 years ago and the model number has changed. Hilti does not want to be stagnant in their market-place. If you want to be a global leader you have to do things to lead the market. If the model number does change on the product, Hilti is now trying to hold on to the parts for seven years so they can help the customer with their older model tools.

Most batteries are: NiCad - Nickel-cadmium or Nimh - Nickel-metal hydride. Battery Life- for any battery is what provides the energy to give top performance of a tool. The more energy available the longer you can work. This is determined by a combination of volts and capacity of amp hours.

Generally, the bigger the tool the more power you have - right? This is not necessarily true. Tim brought in an 18-volt, a 15.6-volt and a 12-volt drill. You have to look at the battery system that is in the tool. The 18volt and the 12volt tool had the same 36 watts of power. But each one had a different type of battery power.

Tim showed a slide of the tools that their company offers. Nickel-metal hydride is the newest technology on the market. Basically it gives you the capability to double the life cycle. When you put it in the charger the Nickel-metal hydride battery runs all the way to the back cell and charges it up to 100 percent and works its way backwards.

The Nickel cadmium battery charges the first cell and then moves onto the next cell until it is complete. Another key component of these batteries is the charger technology. Hilti manufactures their chargers to be easy to use and to maintain the batteries. There is a temperature sensor on the charger. It will know if the battery is too hot or too cold to cycle the battery charge.

When you get a new drill you pull the trigger and it runs. It has to for manufacturing purposes. On that nickel cadmium battery, you have already started your first step on eliminating a cycle and establishing a memory on that battery. Be patient when you get your drill. Put the battery in the charger and allow it to charge for 12 to 24 hours before to use it.

How long a battery should be charged? When you recognize a drop in performance. As often as necessary. Every drill has some type of dialing system around the chuck for torque. It also affects battery life. You don't want it at the highest level of torque. Drive a screw and determine the right torque setting for that drill. By doing this you're maximizing the performance of the battery.

NiCad Battery

1. Value for the money.
2. Broad operating, temperature ranges unaffected by temperatures between 10 degrees Celsius – 60 degree Celsius.

Nimh Battery

1. Higher capacity and thus a greater range.
2. Only limited suitability at very low temperatures below -5 degrees Celsius.

A trickle effect on a battery will not hurt the battery. Listen to your manufacture representatives. But to leave it on for a very long time like a month might damage the cells. Most of the brands and technology in the industry and for people who use their tools every day on the job site these tools only last for about a one to two years.

But for the average woodworker it will last for eight to ten years. The technology will change fairly rapidly. Nobody wants to stay stagnant and left behind. The Nickel-metal hydride is getting hot right now. Tim bets in the next five years it will be replaced with something new and something better. That's the way it works with computers, TV, and everything.

Also with using an electric power tool you'll always get more power and better performance out of a corded tool than you'll ever get out of a battery tool. The battery tool is a necessity for convenience. Especially at a jobsite. OSHA is strict about cut extension cords that are on the ground and exposed. They get damaged by forklifts and Scissor lifts running over them and then being dragged around the job site, walked on etc. The court cost is out the roof. That is why contractors have gone with the convenience of the cordless tool. Because the contractors are tired of replacing extension cords all of the time. And also the extension cord creates downtime on the jobsite if they can't find an extension cord. And down time cost contractor money.

Thanks for an excellent presentation Tim

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Shop Safety

Planer



So you think the planer is a pretty benign tool that could not cause much harm?

Accident Description

I was using my 12" planer to surface some 18" long boards to

1/4". I was feeding one of the boards into the planer, holding it with one hand on the end, when the board kicked back. It dislocated the thumb of the hand feeding the board and hurt like crazy. I reset my thumb and finished planing the lumber before calling it a night.

Advice to other Woodworkers

When planing short thin boards, hold the board with two hands, one on each side---not on the end. If the board kicks back your hands will already be clear.

Accident Description

I was preparing some lumber for my technology education class by running it through the surfacer. As part of the instructions for the classes, I tell the students to run only one piece of wood through the surfacer at a time.

This particular time, I was working in the lab area by myself. I had quite a few boards that needed to be surfaced to 3/4". (The average thickness was about 1".) To save some time, I was running 2 - 3 boards through the surfacer at a time. I wasn't paying much attention to the boards as they went through the surfacer, looking around, standing behind the boards, and stuff.

Yes, it happened. One of the boards was not quite as thick as the others. A kickback occurred! The board came back and hit me in the lower abdomen, just missing a part of me that would really hurt. I was in intense pain for a few minutes, but no permanent damage was done.

Advice to other Woodworkers

Pay attention to what is going on. Know the safety rules and follow them.

Accident Description

This happened about a year ago. I had just purchased a new thickness planer to replace my old one. As I unpacked it everything was going fine. The plenum or work surface was covered in a protective plastic. I started to peel it off by hand and as I peeled my hand slipped up into the cutter. I received a nasty gash which should have been stitched but being the idiot that I am - wasn't. The wound took a long time to heal but is OK now.

Advice to other Woodworkers

Prior to assembling the machine, make sure the blades are out and the machine is unplugged. Also use the proper tools for setup.

Accident Description

Technically, this needed medical attention, but I wound up not getting it. I was changing the cutter knives of my planer. I had been wearing heavy leather gloves, but had trouble seating the knives, starting the nuts, and leveling so I took the gloves off.

After carefully tightening three of the nuts on one knife the wrench slipped and my hand pounded and rolled across the exposed knife. Well, blood - and more blood. The bone-deep cut started on the outside of my right-hand pinky, went almost completely around it, across the ring finger, and stopped in the middle of the index finger.

More blood. Not having a first aid kit handy, I bound the wounds with Kleenex, securing it with baling wire. Bizarrely, I finished setting the knives (now with a protective towel and gloves) drove over an hour to the house and presented the damage to my wife. After much discussion we discovered that our insurance was changing from one company to another that very night. Knowing what a PITA it was last time I hurt myself, we taped up the wounds with surgical tape and let them heal on their own.

Advice to other Woodworkers

1 - wear protective gloves 2 - cover exposed knives with a heavy towel or leather 3 - ALWAYS have a first aid kit 4 - look for reliable insurance 5 - marry a medical professional 6 - as soon as you think "O, this could hurt me!" STOP and figure out how to keep it from doing so.

Shop Tip

Mortising on a Router Table

You can make mortises with a fixed-base router mounted in a router table. To make a mortise this way, you have to lower a work piece onto a spinning bit. It

takes a little bit of setup to do this safely and correctly.



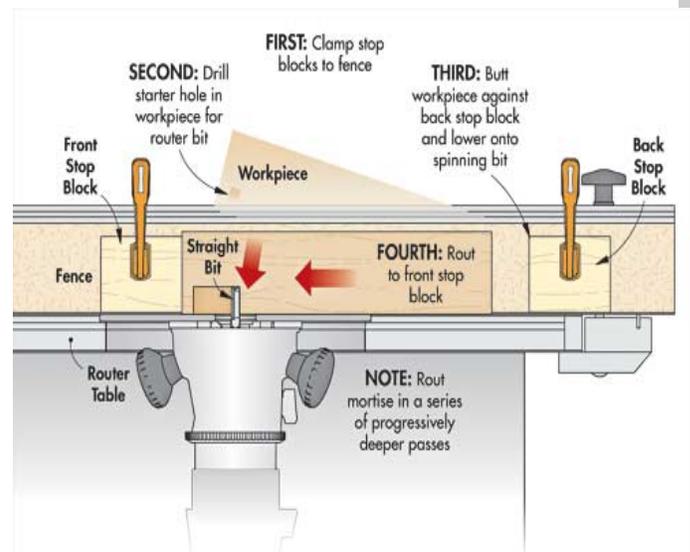
You'll need three things for the tech-

nique: two stop blocks clamped to the router table fence, and a guide rail to keep the work piece from kicking out from the fence.

Stop Blocks — The location of the stop blocks is important, so take some time to position them correctly. The idea is to clamp them in place so that when the work piece is butted against them, the bit is aligned with one end of the mortise or the other (see Illustration).

Guide Rail — As for the guide rail, it's just a scrap 2×4 glued or screwed to a plywood clamp pad (Main Photo). Position the clamp pad so that the work piece can slide smoothly between the rail and router table fence, and clamp it firmly in place.

Rout Mortise — Before routing, drill a starter hole at the front of the mortise (Inset Photo). This creates a pocket that fits down over the router bit. Then, cutting the mortise is as simple as butting the work



piece against the back stop block, lowering it onto the spinning bit, and pushing it forward until it hits the front stop block. Rout the mortise in a series of progressively deeper passes until reaching the desired depth.

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Want to help cut guild monthly costs? Consider receiving the newsletter via email. It is faster and comes in color. If you are interested, please send an email to Wayne Wainwright at: wwrig@kc.rr.com, or add your email to the Attendance list at the monthly meetings.

Newsletter Deadline: 1st of the month:

Please send all submissions for articles, tips, want ads announcements and anything else to Wayne Wainwright: 816 453-1073 email: wwrig@kc.rr.com
4214 N Brighton Ave KC. MO. 64117

Member of the Month

Brian Kemp

Mac Dressler



Mac was born and raised in Kingman Ks. He has always enjoyed woodworking and has pursued it as a profession after moving to Kansas City in 1985. His business involves antique furniture restoration/repair and custom built furniture. He is married to a wonderful woman named Diane and they have eight children and three

grandchildren (with two more on the way). They currently live in Liberty Mo.

Traditional methods of restoration work requires you to reproduce work that has a particular form and appearance specific to the time period in which it was made. Utilizing the original methods allows you to duplicate the work accurately.

I started my business about 15 years ago. My grandfather had me helping him with home carpentry projects when I was fairly young.

The hand tool I use the most day to day is a 1" paring chisel. The tools I enjoy using the most are carving tools. I have favorite tools in all the groups (planes, chisels, saws, scrapers, rasps, measuring and marking) because they perform their jobs so well.

The power tool I use the most day to day is the band-saw. The table saw runs a close second. Both bring stock to rough size in a hurry and that is their primary function in the shop.

My favorite wood is Mahogany (genuine). It has a great combination of qualities. Decay resistance, moderate density, stability, excellent working characteristics, broad choice of grains and beautiful patina over time. Black Walnut, Rosewood and Quarter-sawn White Oak are close seconds.

I am currently working n a Chippendale-influenced

Mahogany foot stool. I may never finish it because it is too much fun to keep adding carved elements that I have to figure out how to execute. My favorite completed work is a Queen Anne style quilt rack in Mahogany. I never found a picture of an original, so I cobbled together the appropriate elements and it came out alright.

My best tool deal was \$75 for a #6 Bedrock plane in fairly good shape. This plane is in constant service! I have shown pieces at the Crown Center shows and I have done a few toy boxes. I have also done some programs when the real guys couldn't mane it.

What was my favorite Guild activity? The Guild brought in Mack Headly for a one day seminar several years ago. That was the most educational program I have ever attended.

My tip is to keep your tools sharp and your eyes on your work.

**Thanks for allowing us
to feature you this month.**



Entertainment Center



Picture Frame



Jewelry Box



Quilt Rack



Mission Style Bench

Show & Tell - Show Pictures



Brian Kemp: Walnut, and Red Oak Gun cases and a Walnut display box



Erl Poulin: Fence Gate made from popular, fir and wrought iron and weighs 250lbs



Russ Amos: Trivets made from scrap picture frames. He used scrap from miters on picture frames.



Bill Fitzgibbons: Box with chip carving

Jerry Jennings: Sofa Table - part of the Craftsmen's Recognition Program. It is made from red oak





P.O. Box 413922
Kansas City, MO. 64141

Meeting Minutes

New Members / Visitors: Bill Webb / Vince Pedrillo, Bridgette Henry

News:

David Roth class on the fleur-de-lis. On July 23, 2,005 there are two spots still open for this class. Class is held at woodcraft from 9:30 to 2:30.

Ken Sokol Wayne Wainwright and Wayne Suter will conduct a basic wood-working program building a peg shelf at Woodcraft on July 9th and 16th. Bring your own supplies (wood, pegs and finish) or get them at Woodcraft.

The Guild was given an award from Jackson County for their support of community.

Tool Talk:

Wayne Wainwright bought an Akeda dovetail jig and says it works very well. Better than the Leigh Jig in that it has a much lower "learning" curve.

Based on what he has learned at the Guild on using hand tools, Bill Webb used a 24" hand plane to repair a burn on a Mahogany table for a friend of his daughter.

Russ Amos has a cyclone lid 9-inch attachment to a grinder and a drill press mortise tool, sling table for a uni-saw for anyone interested.

Someone mentioned his craftsmen's table saw motor went out and wanted to know what is the best way to fixit. Someone said talk to John Freeland.

Someone loves an adjustable trim gauge that his bother-in-law gave him. It fits in his apron pocket and it is good for setting up the height for your table saw and router bits among other things.

Name Tag Raffle:

John Johnson won small pair of clamps, George Dixon won the WD 40, Bill Schreier won the screwdriver bits, David Roth wins the tarps.

Toy Raffle:

Pete Colman wins the utility grinder, Kara Parris won the chisels, John Johnson wins 2 pairs of clamps, Krista Graham wins 2 pairs of clamps and router bench mate, Halina Beal wins 2 pairs of clamps, Bill Kuhlman wins the KCWG apron, Ken Sokol wins the vex bits, Aaron Menning wins the duck tape.

Show and Tell:

Erl Poulin brought in a picture of a fence gate made from popular, fir and wrought iron. It has a high gloss black lacquer finish. The points of interest are it weighs 250 plus pounds and it took four people to lift and move it.

Brian Kemp brought in a gun box made of red oak and red oak plywood. It has a golden oak water base wipe on poly. The points of interest are the half blind dovetails. The size is 10 x 20 x 3 1/2.

Calendar

Executive Meetings, 7:00pm Kansas City Public Library 1410 W 10th St. KC MO 64105

Guild meetings, 7:00 p.m., Jacob's Well Church, 1617 W. 42nd St., To reach us "during the meetings, call: KCMO. (816) 561-8177

Executive Meetings

Guild Meetings

2005

January 12th
February 9th
March 9th
April 13th
May 12th
June 8th
July 13th
August 10th
September 14th
October 12th
November 9th
December 14th

January 19th
February 16th
March 16th
April 20th
May 18th
June 15th
July 20th
August 17th
September 21st
October 19th
November 16th
December 21st

All members are welcome at any board meeting. A call to one of the Officers is all that is necessary.

Brian also brought in a picture of a car display case made of walnut, and walnut plywood. It has a poly. finish and the points of interest are the sliding dove tails for the shelf and 45 degree hidden cleat. The size is 40 x 40 x 6 1/4.

Brian also brought in a gun display box made of walnut, and walnut plywood, maple trim and splines. The finish had 3 coats of lacquer and the points of interest are it is for a 1917 colt model 1911.

Russ Amos brought in trivets made from scrap picture frames. They have shellac and wax finish. The points of interest are the use of scrap from miters on picture frames.

Jerry Jennings brought in a sofa table, which is part of the Craftsmen's Recognition Program. It is made from red oak and has a Minwax filler and poly finish.

Bill Fitzgibbons brought in a box with chip carving on it.