

January, 2001

Meeting Notice:

- Our January meeting will be Tuesday, January 16th at 5:00 in the Main plant cafeteria.
- Jim Retting will be speaking to us about his recent Wine Cabinet project.
- Please bring a box that you have built. Any kind of box.

Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

Doug Lee's Clock

Joel Gillett



One of the things I really like about an organization like ours is that you get to talk with a lot of very talented people. Sometimes



its almost intimidating.
Doug Lee built this clock and it

looks great. He used plans and a video that he got from New Yankee Workshop. (www.newyankee.com)

It's made from Cherry that was harvested by a family member 25 years ago. The works came from Klockit (www.klockit.com/)

The finish is interesting. First Doug washed it down first with a 1/2 lb cut of blonde shellac, followed by a mixture of watco dark walnut and cherry. The topcoat is a mixture of blonde and amber shellac,



had rubbed to a glossy finish using pumice and rottenstone with felt blocks

There are a couple of really surprising aspects to this clock. First is that he completed it in about 2.5 months despite the fact that he and his wife are working and

going to school and they have small children. Lets face, Doug works a lot faster than I do.

Every piece in the clock has had a hand tool touch it in somehow, whether that be trimming tenons, shoulders, scraping/planing joints, etc. He used a table saw to cut the crown moldings.

Perhaps the most interesting



thing about the clock is the unexpected "Old Woman Who Lives in a Clock". There is a distinct old woman in the grain found in a side panel. You never know what lies in the grain.

November Meeting

This November, following our long standing tradition we completed the toy build. We have two dozen crayon trucks and another two dozen doll beds following the same



design that we used for the last several years.

Several members started the build at Marion High School Industrial Technology shop a few weeks before the meeting.

This time we did something different. We ordered all of our wheels at the same time and

Toy build completion

bought a drill bit that is designed to fit the axles we bought. This took some of the suspense out to the assembly process. The idea of actually using the tools designed for the job is foreign to me but it seems to work pretty well.



Project: January meeting

This is a reminder for the January meeting to bring a box. Any box as long as you made it. It can be as simple or complex as you like.

We just want to see what the rest of the members are doing.

Call for boxes



Next meeting

Our project for the February meeting will be to bring in an object that you would use in a kitchen.



Years ago I noticed that our family spends a lot of time in the kitchen. It's more than a place to prepare food. It's where the kids do homework and science projects. It's where we play cards and just about any other kind of entertain-

ing. The kitchen is also a place that many woodworking projects end up. That is a good thing. Almost all of us have made a cutting board. Some of us have built cabinets and at least a couple have built the entire room. That might be a little difficult to bring in so take some pictures.

I got frustrated one time and carved out a wooden spoon. It's functional if not beautiful and we use it every day.

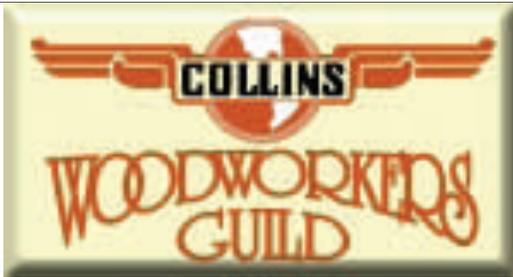
So bring in a cutting board or a

turned bowl. Is there a wet-cooper in the



group? Bring in a cask. A spoon. A spice rack. Salt shaker?





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WOODWORKERS

KNOT KNEWS

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- Social Activities
- Workshops
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- Educational and Informative Presentations
- Open Houses
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February, 2007

Knot News

COLLINS WOODDOEKERS GUILD NEWSLETTER

Meeting Notice:

- Our February meeting will be Tuesday the 20th at 5:00 in the new Fine Woodworker's Store.
- Rick Reeves will be speaking about turning
- Please bring a kitchen utensil that you have built. Any Kitchen item.

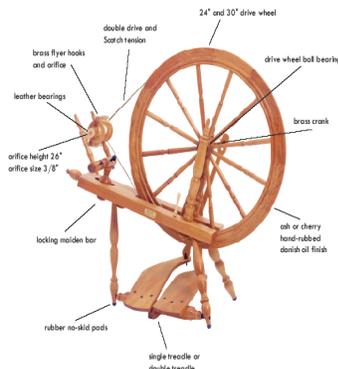
Rick Reeves, turning

Joel Gillett

A great many years ago, actually more years ago than I care to think about, I saw Rick Reeves at a woodworking show. He had his lathe running full time. Rick pulled a blank from a box and mounted it on a small spur center while it was spinning. He brought up a live center on the back of the now spinning blank.

Over the next few minutes a small bell emerged along with the shavings and conversation with a kid standing on the back side of the lathe. When he parted off the bell he handed it to the kid and loaded another blank. The lathe never went off. Neither did the conversation.

It looked to me like the pieces were free to a cute kid and maybe a couple of bucks to an adult. Bells, small wooden chalices, little odds and ends that people asked for as long as he could turn it out of a four inch blank. He drew and maintained a small crowd and it was the most entertaining



part of the show.

The other really impressive part was a spinning wheel on a table next to the lathe. It was birds eye maple.

The balance was perfect. The wheel didn't wobble at all and the rim was centered about the axis. Even the back side of the rim. I had tried to build a couple of flywheels by then and it's not easy.

Most spinning wheels are functional machines whose esthetics are a secondary thought. Some of them are really ugly. Not this one. It looked to me like it be-

longed in an art museum.

I'm a woodworker and I don't spin. I know people who do spin and I understand that these work as nicely as they look. If you check the internet Rick's wheels are commanding real money even though he retired several years



ago. There are even counterfeits out there. There is at least one in New York that has been stolen and there is a reward out for it's return.

Rick retired a number of years ago and no longer makes spinning wheels. My local Amana contact thinks that maybe it's been ten years. It will be good to see him again.

Meeting Location change:

We will be meeting at the Fine Woodworkers Store, 1810 Blairs Ferry Rd. NE.



January Meeting

Jim brought a wine cabinet that he made based on an article in



January Projects

We asked for boxes and we got them. From practical boxes to contain a sharpening stone to boxes that fly apart when you drop in a coin (the secret is a mouse trap).

Woodsmith. This is the second cabinet like this that Jim has made for his kids.

Jim explained his method and jig for using the diagonal measurement to get the box square. He also discussed the changes that he made to the plan and between the two cabinets.

Jim Retting's Wine Cabinet



Project: February meeting

We all build projects that are used around the house. A lot of times we use things that we have made in the kitchen. Sometimes they are really large and time consuming projects. A kitchen island or a set of cabinets. Other times we don't think much about it. I have made a number of cutting boards that almost don't count as projects. Do they? ?



When I look around my kitchen I see a lot of things that I have made and don't generally pay them much attention. All of the cabinets. A couple of serving trays. A wooden spoon. Knife handles. A couple of shelves.

Kitchen Utensil

Cabinets are a major project that take a lot of room in the shop and cost real money. There are other things that are much simpler and within the budget and capability of most of us. I think I will turn a toothpick next!

The web has a ton of information about these. Here is an interesting place to start.

<http://www.spoonlady.com>



Next meeting

It's definitely a sign of Spring! Yesterday I saw a flock of Canadian geese flying North! Ok, I think they are crazy. It's about eight degrees outside and it got below zero last night. The nearest open water is 200 miles South of there.

Birds are a part of Spring so our project for the March will be bird

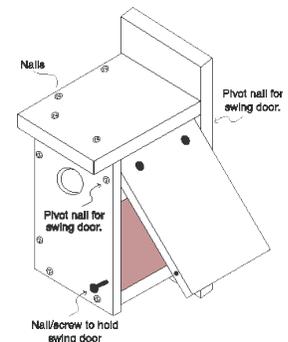


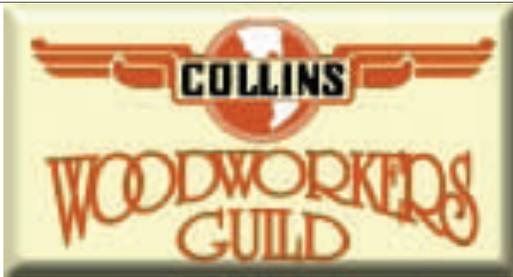
houses. They can be functional, decorative or anything else that

Bird House

you like. Just bring in a bird house. Build a wren house. Make a condo for Martins. A nest box for an owl. A swallow shelf. Let your imagination take flight!

I know people who have elaborate bird houses for accent pieces indoors. I have even seen one used to hide a horn antenna.





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March, 2007

Meeting Notice:

- **Our March meeting will be Tuesday the 20th at 5:00 in the Main Plant Cafeteria.**
- **Bill Barvinek will be discussing a router table that he has added to the wing of his table saw.**
- **Please bring a bird house.**
- **Door Prizes!! We are bringing back door prizes! Gift cards to a couple of our favorite shops. One random drawing and one for anyone bringing in a bird house!!**

Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

Bill Barvinek,

There is no shortage of ways to cut a profile along the edge of a board. A router certainly works but so does a shaper, molding cutter in a table saw, scratch stock and molding planes. A router can do a lot more than that though.

Lots of us use it to cut joints...Dovetails, through, half blind, or sliding are all pretty easy with a router and the right jig. Mortise and tenon joints are easy too and you can use a router for both parts.

I wonder if there is a easier way to but a bead down the middle of a panel.

You can freehand shapes and writing in a panel but you might want to use a pattern.

Try to field a carved panel some other way. You might want to finish it off with a slow gouge but always hog out the bulk with a router. Unless you have a lot of time to kill.

If you mount the router in a table you can do even more things. Of course it makes edging easier but it makes raising panels possible. There have to be at least a dozen ways to make rail and stile joints if you use a router table.

Everyone has their own idea

Router tables

what the ultimate table should look like. Every woodworking magazine has a published plan and they are all different.

You can buy dozens of systems but most of us make our own. It can be as simple as a router mounted under a sheet of plywood or a free standing design with lots of options and storage.

What I can see of Bill Barvinek design looks pretty good. I'm really interesting in hearing what he has to say about it. He built his into the wing of his table saw. That makes a lot of sense because a router table can take advantage of the saw's fence and miter gauge. A free standing table takes room in the shop that could be used other ways.

Bills looks like it has dust extraction, a removable inserts, and a couple of different feather boards. This should be a good presentation.



February Meeting

This February Rick Reeves came to speak to us at the Fine Woodworkers Store. It's always interesting to listen to Rick. He covered a lot of ground in the meeting and he had lots of really good information.

He has an interesting technique for joining the base onto a turned bowl. He turns it in two pieces with a ring and socket arrangement that fits together when you remove it from



the lathe.

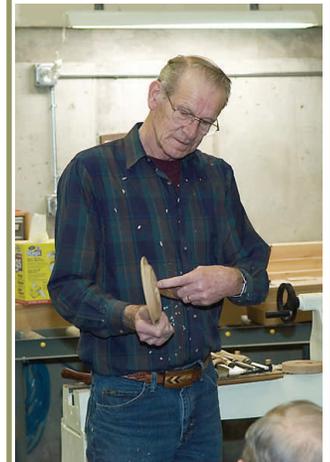
When he is turning spindles he runs the lathe much faster than I'm used

Rick Reeves, Turning

to. I tried it and it works but it's something to get used to.

Rick uses brass sleeves on his spur centers. That has to save a lot of work taking nicks out of tools.

The one thing that sounded like it might save time but isn't a good idea is letting the lathe run while he loads and unloads spindles. He still has all ten fingers after a thirty year



February Project:

February we asked for kitchen utensils. That left it open to anything you can use in a kitchen and that's what we got. Some of them were pretty creative. Everything from mug racks and wooden spoons to a banana hanger.



A couple of people asked for a list of upcoming projects so they could prepare. The planning com-

Kitchen utensil.

mittee is just making this up as we go but we did throw down a proposed list. I am including it at the bottom of this page.



Project: March meeting

It's Spring. At least the ice broke up on the reservoir last week and the Vernal Equinox is the day after our meeting this week. The birds are starting to return and the weather a lot warmer.

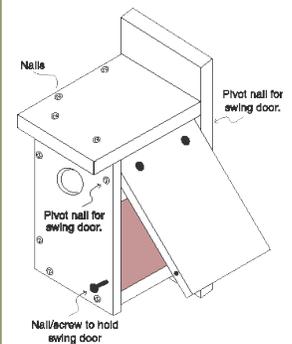
That means that it's time to put out bird houses. Before you do though bring one to the meeting

Tuesday. You can even bring decorative bird houses that were never intended to house real birds.

There are tons of designs on the internet. Barnes & Noble has several books and Wildlife Habitat (1000 Old Marion Rd.) has information and supplies. Let your

Bird House

imagination run, birds are pretty forgiving for unusual taste.



Upcoming projects

Ok, some of us need time to build a project to bring to the meeting.



April: Anything that you made using a router

In April we want you to bring a project where you used a router. It can be just about any project because most of us use routers a lot.

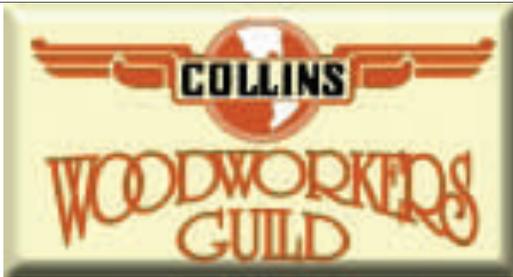
Upcoming projects:

May: Something that you made using hand tools. Considering that a pencil is a hand tool that should be pretty easy.

June: Bring in a frame. Any frame. Maybe a picture frame, door frame?

July: We will hold our annual picnic in July so bring anything that you would use at a picnic. Remember Dave's camp kitchen from last year?





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April, 2007

Knot News

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- Bill Barvinek will make a second attempt to discuss his router table that he has added to the wing of his table saw.
- Please bring anything that you used a router to make.
- Door Prizes!! We are bringing back door prizes! Gift cards to a couple of our favorite shops. One random drawing and one for anyone bringing in a project!!



Bill Barvinek,

The Perfect Router Table v 2.0

Ain't technology great? There was a time when you needed to break the tripod holding your flip charts. Later a slide projector bulb could undo a great presentation. Today all you need is a CD that won't read.

Bill made a good attempt. He had his presentation prepared

and brought in the fence. We had to scramble to find him a projector and a laptop but when it was all set his CD with his presentation wouldn't work.

We are going to give Bill another shot at this one. Maybe one (or maybe several) of us can forget to bring the projec-

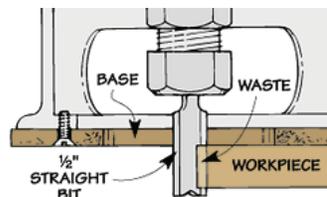
tor and laptop this time.

I still want to see what he has to say because it looks like a really nice design.



April Project:

Almost all of us have at least one router. They aren't all that expensive and they can be used in lots



May Project

Next meeting it's time to pull the plug. We have a couple of hand-tool aficionados in the group so it's time to let them show off a little. We won't invite Norm.

There is very little that you can do with a power tool that you can't also do with a hand tool, and there are a lot of things that are easier with a hand tools. Lots of people have tried using a hand plane or panel saw and given up assuming that they need to

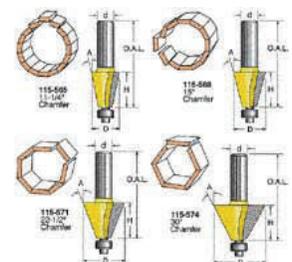
Anything that you made using a router

of situations.

We really have only three hard limits: The money you spend on tooling, your imagination, and the possibly rational fear of sharp metal rotating at 25,000 RPM.

So bring in anything that you have used a router to build. Edge treat-

ments, joinery, inlay, Whatever you have.



Hand tools

So break out your hand tools, turn off the electricity and get to work. Bring the results to the meeting in May!!

Here are a couple of links to make you drool....

<http://www.bridgcitytools.com>

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

<http://www.lie-nielsen.com/>

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

March Meeting: Bill Barvinek,

Well Bill's presentation in March was kind of a bust so he has agreed to try again. Technical failures have always been with us but they are especially frustrating in situations like this.

Upcoming projects

Upcoming projects:

May: Something that you made using hand tools.

A Trip to A Woodworker's Candy Store

When I was a kid I always liked to go to the candy store with my weekly allowance and gaze at all the candy trying to decide what to buy.

Now that I am older I still like to take trips to the candy store but the



drooling is now over bigger things. I recently had an opportunity to visit the Grizzly tools showroom in Springfield, Missouri. But then I'm getting ahead of my story.

After thirty years my old Rockwell Delta table saw gave up the ghost and I set about to repair it. My problem was a bad bearing in the blade arbor which is part of a sealed assembly. After searching locally

The Perfect Router Table

Other than the presentation that didn't go, members brought a lot of bird houses. I was impressed by the variety of designs. There is still time to build and hang bird houses this spring.

April: Anything that you made using a router

June: Bring in a frame. Any frame. Maybe a picture frame, door frame?

July: We will hold our annual pic-

nic in July so bring anything that you would use at a picnic. Remember Dave's camp kitchen from last year?

and on the internet I was unable to find a replacement part. The part is no longer made. After telling my wife that it appeared I would be unable to repair it she suggested that I look for a new table saw. You can imagine how hard she had to twist

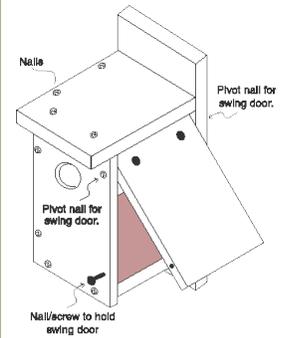
my arm to get me to agree. After spending considerable time looking at magazines, reading reviews and surfing the internet I settled on the newest 10 inch contractors table saw that Grizzly had to offer. But

before buying one I wanted to see what they looked like and if they were well built.

A friend of mine had been talking about taking a trip down to Grizzly some weekend to pick up a few things and so with a little bit of prodding he said let's

do it. We packed up the wives, hooked up his trailer and were off on Friday night after they got off work. We drove as far as Lebanon, Missouri that night and then on to Springfield on Saturday morning. We were there before the doors to the showroom opened. While waiting for them to open we could see all the tools that were on display in the showroom through the windows and started to drool just like "kids" in a candy store. As you can see from the pictures they have almost anything in the way of power tools that any woodworker, or metal worker for that matter, could want.

When the doors opened we hurried inside and I looked for the model



drool just like “kids” in a candy store. As you can see from the pictures they have almost anything in the way of power tools that any woodworker, or metal worker for that matter, could want.



When the doors opened we hurried inside and I looked for the model table saw that I wanted. I couldn't find it, but that wasn't surprising because they must have had two dozen of them set up on the floor. We then cornered a sales person and asked where we might find it. After consulting the computer he informed me that it had been back ordered and that they were not getting any in until February. That was disappointing in that I still had several Christmas



present projects to finish before the holidays. Our salesman was very helpful and after several minutes of consulting the computer he said that he had a demo model of the top of the line earlier model that he might be able to make me a deal on. The saw was never powered up and was used for a looking model only. He took me into the back room where the saw was and showed me all the things about it comparing them to the one that I was interested in. It had all the features I was interested in and then some. After several minutes of discussion and a couple of trips to talk to the manager we settled on a price. I must say I felt they made me a good deal.

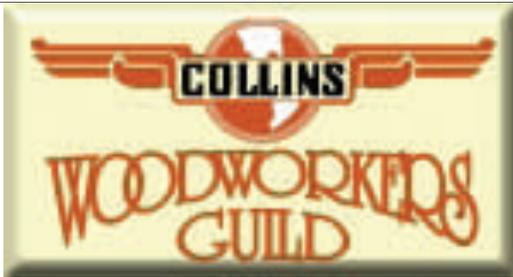
Our salesman then set about helping my friend who was in the market for an oscillating drum sander. Our salesman spent several minutes understanding what my friend was going to use it for and then suggested some of the ones they had that he thought would work well for him. He invited us into their shop adjacent to the showroom where they build various types of woodworking projects so my friend could try out the sander that he recommended. He also spent time showing us the latest project that they were working on. They were making a dozen display cabinets out of an exotic orange wood (I don't remember the name of it) for the



owner of the company who collects and builds guitars. They were really doing a nice job, but then who wouldn't with all of the neat tools they had to work with.

Now the next problem was figuring out how to get my new saw home. As it was all put together and the weather was drizzly we had to think a little bit about how to get it home. The Grizzly people wrapped the saw in several layers of shrink wrap and loaded it's 350 pounds on our trailer with a fork lift. We covered it with a large tarp and tied it down to the trailer very securely. The saw made it back to Iowa in one piece and in spite of the drizzly weather didn't have a drop of water on it.

Was the trip worth it? I sure felt so and I also enjoyed drooling in one of the neatest woodworkers “candy stores” that I've ever visited. The saw is working great for me and I can't say enough about the polite and un-hurried way we were treated while we were there. I think the salesman we had spent at least two hours with us answering questions and showing us around. If you ever get to Springfield be sure you visit their showroom and shop area. But be sure and bring lots of your allowance money.



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June, 2007

Meeting Notice:

- **Our June meeting will be Tuesday the 15th at 5:00. We will get to tour Spur Millwork. Spur is located at 225 K Ave NW**
- **Please bring a frame, any frame as long as you made it.**
- **Door Prizes!! There will be door prizes! Gift cards to a couple of our favorite shops. One random drawing and one for anyone bringing in a frame!!**

Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

Spur Millwork

Tour

Most of the time we think of millwork as an architectural thing. That's probably the real sweet spot in the market. My house is not elaborate but I have more than a mile of moldings and almost two dozen doors.

Spur makes custom millwork. They have a CNC router so they can make fretwork and custom doors out of solid stock very quickly.

These picture are examples of the work that Spur completed for Dave Huovinen's son. It is made up out of parts that were

assembled on site. It's more than a little cool.

I suspect that I should stick with less elaborate projects. Besides the obvious expense of these projects I doubt that I could lift some of these parts.

Mist of us occasionally use wanes coating and moldings.



Once in awhile it's interesting to build up complex moldings from smaller parts. Fire place mantels are generally made by stacking moldings. Sometimes mop boards and shelves are laid up that way too.

I'm going to be interested in seeing what they have.



May Meeting

In May Tom Potter from The Fine Woodworkers Store demonstrated how to make Dovetail joints using the Leigh jig.

Tom stressed that set up was very



Dove Tails, The Fine Woodworkers Store

important. Small errors and mistakes in set up make the joint either not work or look bad. He advised to follow the directions to the letter in the instruction book for the best results.

His results the first time he used his jig were perfect. When he did another job later and thought he knew how to do things he had a problem because he missed a step in the set up.

He stressed the need for square flat boards of the same thickness for best results. His demo was on half blind dovetails and he went through the set up and cutting nice fitting joint.

He also indicated that if you were going to be using dovetails very often a dedicated router was a very good idea because once set they will be able to be used without a lot of time for set up.



May Project:

Jim Rettig won the door prize for the all hand tool project, a manger for a Christmas figurine display.

Ray Collins won the other door prize.

Hand Tool Project

June Project:

Bring a frame that you have made. That leaves the field wide open. Most of us have needed to build at least one frame. Maybe a mirrors, photographs or your grandmother's needle work.

You have lots of ways to build a frame. What you use depends on what the frame will hold and what the surrounding environment looks like.

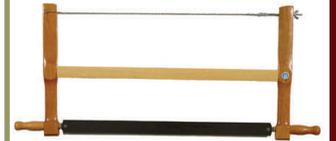
Aside from the obvious esthetic

considerations we have some structural requirements. A door frame is built much differently than a picture frame.

The design needs to deal with the weight of any artwork, matting, and glass. It also needs to attach to a wall or cabinet in the case of a door.



Framing



Upcoming projects

Ok, some of us need time to build a project to bring to the meeting. In April we want you to bring a project where you used a router. It can be just about any project because most of us use routers a lot.

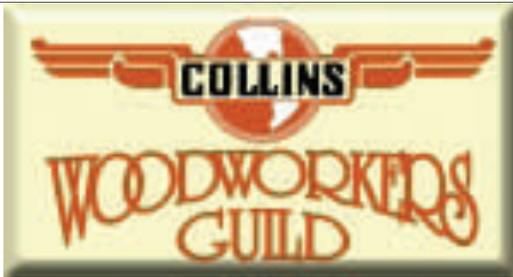
Upcoming projects:

April: Anything that you made using a router

June: Bring in a frame. Any frame. Maybe a picture frame, door frame?

July: We will hold our annual picnic in July so bring anything that you would use at a picnic. Remember Dave's camp kitchen from last year?

We need to update this list and would love to hear any suggestions that you may have.



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KNOT KNEWS

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July, 2007

Meeting Notice:

- Our July meeting will be Tuesday the 17th at 5:00. We will be holding our annual picnic in Noelridge park
- Please bring anything that you would use at a picnic
- If you haven't responded yet please contact John Cox at jlc73z@mcleodusa.net so we can get a head count.
- Door Prizes!! There will be door prizes! Gift cards to a couple of our favorite shops. One random drawing and one for anyone bringing a project that you would use at a picnic!!



Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

Picnic



Last year's picnic was a lot of fun. The weather was perfect and everyone had a good time.

This year we expect great weather again and a good group.

For our monthly project please bring anything that you would use at a



picnic. Last year Dave Huovinen brought his camp kitchen. He made

Noelridge park

it several years ago and it has room for just about everything that you might want to cook while you are camping. Have you made a serving utensil? A knock down picnic table? Maybe a picnic basket? Bring it and you will be eligible for one of the door prizes.

The guild will supply burgers and brats, potato salad, beans and pop. For some reason we thought



that keeping potato salad in the car until the picnic started sounded like a bad

idea.

Bring anything that you might want to share. Last year there were brownies and a couple of different salads that were pretty good.

The Noelridge pavilion is right next to tennis courts that belong to the school. Bring your racquet (a wooden racquet of course) and we will see if we can get a game going.

It's been a while since I've used my wooden racquet but I still have it. I used to blame the problems with my game on that racquet. Now I have a much better racquet but the problems remain. I wonder if the fact that I'm slow and uncoordinated may be part of the problem.

June Meeting



Have you ever tried to build a door? I don't mean a small one that fits a jewelry box. These guys build doors that are 12 feet high and have a couple of hundred parts that all fit together perfectly. Scallops, moldings, structural parts, panels, the works.

When you come in the shop you see dozens of patterns hanging on the wall. All of them are necessary to build one door. When you look closer you see that they have a layer of dust. Not unusual in my shop but these people are reasonably clean and well organized. Not a lot

June Project:

Brian Wesner won the door prize for bringing in a frame. We had several picture frames. I was a little

July Project:

Have you ever gone camping and seen the guy at the campsite next door with everything in order? Generally we just have a box with all the stuff in it. There are better ways. Some of us have made the

Upcoming projects

Ok, some of us need time to build a project to bring to the meeting.

Here is the list so far. We need would love to hear any suggestions that you may have for future projects.

of dust around. These patterns aren't used much any more. They have a numerically controlled machining center from Biesse called the Rover A3. Everything is in the software that controls it. The wood is held by pneumatic clamps and a large 'router' does the work. It can pick up a couple of dozen different tools including saw blades, profile



cutters and drill bits. It pretty much runs itself once it's set up.

If you get close to the machine when it's running it shuts down. Other-

surprised that nobody brought in a framed door.

process easier using our woodworking skills. Maybe an organization scheme or a knock down picnic table?

Bring anything that you have made

Upcoming projects:

August: Jig or fixture for your shop

September: Toys for tots project. This would include Puzzles, Banks, Toys or anything else that would

Tour of Spur Millwork



wise there is a risk that it would run into you.

They have the general assortment of machines and hand tools that everyone uses. A couple of table saws, a shaper, some more sophisticated industrial type molding machines. They even have a few tools that were made in the days when iron was cheap.

Besides doors and moldings they have some pretty cool products that they make during slack time. In the office they have a shuffle board table that you would normally find in a bar.

Frames

Dave Huovinen won the other door prize

Picnic Utensil

that can be used at a picnic. There is a door prize in it...

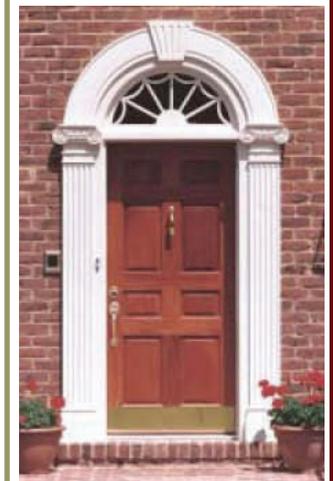
Firewood doesn't count!

interest a child.

October: Trivet

November: Cutting board

January: A project using recycled Lumber.



Habitat For Humanity ReStore

Habitat For Humanity has a store in Hiawatha that most of don't know about. When you donate building material and tools they use what they can for existing projects.

Stuff that they can't use they sell to support the rest of their efforts. They call it the ReStore. It's at 735 N Center Point Road. That's a couple blocks north of our HR building on the same side of the

road.

Looking for a door? How about cabinets? A globe for a light fixture? They have all of it.

Check their web page here :

<http://www.cvhabitat.org/restore/index.php>

A lot of it is brand new. Other things are taken from houses that are being renovated.

If you want to match a molding for your 80 year old house it's a great place to look. Need a door? They have hundreds. Everything including a number of kitchen sinks.

They have tools too.

Prices are very reasonable and the money supports an organization that is doing some real good in the community.



Woodworking Challenge

A couple of us have been talking about throwing out a challenge to the local woodworking community.

It's still in the planning phase but in general for a nominal contribution to Habitat you would get some wood. You would use that wood as part of a project. They will define a theme and the project should try to be consistent with that theme.

During Habitat's annual fund raiser they would hold a juried show of the completed projects.

Prizes would be awarded for winning entries.

Following the show the projects would be auctioned and the proceeds support Habitat for Humanity.

Look here for details. The only

thing firmly established is the date of the fund raiser is January 18.

The theme will likely involve recycling so a substantial part of the project will need to use recycled or possibly salvaged wood.

Let me know if you have any ideas or would like to help get this going. It's open to anybody that is interested in participating.



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July Meeting



some fine blueberries and I think it was Bill's wife that brought a great pasta salad.

Sounds like nobody was up for playing wooden racquet tennis.

The July meeting was a picnic held at Noelridge park. We had a reasonably good turnout and the weather was good.

We didn't collect the money because our treasurer wasn't there. Everybody saved a buck.

Ray Collins and wife brought



July Project:

Loras made a fold up camp stool that was in the prototype. He took the door prize for bringing a project

Paul Gibbs had a 1 plywood sheet picnic table complete with seats.

Dave Huovenin had his camp kitchen which was put to good use with some of the items that he

keeps in it like a can opener. Bill Barvinek brought a box of wood for making a fire. He said it was something made out of wood to use at a picnic.

I'm really not sure about Bill's "project". A simple project that is well executed is generally better

August Project:

This month we are talking about toys. The annual Christmas toy build is about to start. Those who have been with us for a while understand that we have a standard set of toys that we have been making for a

long time. We are always looking for new ideas. Please bring any toy that you have made. We are especially interested in things that can be made in

Upcoming projects

Most of us need time to build a project to bring to the meeting.

Here is the list so far. We need would love to hear any suggestions that you may have for future projects.

Upcoming projects:

September: Jig or fixture for your shop.

October: Trivet

November: Cutting board

Guild Picnic



Their back

Picnic Utensil

than a complicated project that is screwed up. But even a complex mistake makes good firewood. Does firewood count as a utensil when it hasn't been screwed up yet?

Toys

large numbers by volunteers.

Think of toys, banks, and puzzles that your kids and grandkids like

January: A project using recycled Lumber.

February: ??

Acme Tool

Pucketts – Tool Crib – Acme, the long time tool store in the area is moving. They have been down town across the street from St. Pat's for two decades. Darrel Puckett has been looking for a little larger building for the last several years and now they've found it. Their new location is across the street from another of eve-

rybody's favorite store, The Fine Woodworkers Store. It's in the old Drug Town building next to Welter Storage.

The new address is 1943 Blares Ferry Rd NE. The phone number isn't changing.

They say that they are open for business on Monday August 20th in the new location. It

sounds like a lot of chaos right now.





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October, 2007

Meeting Notice:

- Our October meeting will be Tuesday the 16th at 5:00 in the Main plant cafeteria
- We will elect officers
- Food!
- Door Prizes!! Good door prizes!
- Project of the month: Bring a trivet.

Knot News

COLLINS WOODDOEKERS GUILD NEWSLETTER

Membership Meeting and Officer Election

It's that time of year again.....

We need to elect new officers.

John has done a great job this year. So have Larry Lacy and Larry Tjaden but Article 2 and the 22nd amendment say that we have to need to hold an election.

Ok, So it's not a constitutional crisis. Article 2 doesn't directly address our organization but we still need to hold an election and it's a good excuse to send out for pizza.

For those who own a calendar.... Yes, it's a month late. If it weren't

Rockwell Collins Woodworking Guild
Membership Drive Meeting
5:00 PM Oct 16, Main Plant Cafeteria
Election of Officers
Pizza and Soft Drinks
Door Prizes
\$15.00 2008 dues must be paid to win

4-31 inch Jet clamps 10 inch Freud Combination saw blade
 Wixey digital angle gauge Gripper system push block
 Fractional calculator Vix bit and plug cutter set
 Gift certificates

Membership Benefits

Large library of books and magazines
 Speciality tools Member knowledge base Demonstrations
 Discounts at Acme Tools and The Fine Woodworkers Store
 Web site [www. Rockwellcollinsclubs.com/clubs-ia/woodworkers](http://www.Rockwellcollinsclubs.com/clubs-ia/woodworkers)

we would have missed to Freud demonstration at ACME last month.

Do you have a use for some clamps? A good

combination blade? A VIX bit? Check out the door prizes.

September Meeting

ACME Tool



bits. One to cut the end grain on the rails (the cope) and a second cutter along the length of the grain on both the rails and stiles. If you cut the cope first and use a

bits or vertical. If your router has variable speed and plenty of horse power you can use a horizontal bit and lay the panel face down on the table. Otherwise use a vertical bit. Vertical bits can't be used to make arch top doors. For some reason they also all use 3/4 inch without a back cut so the panel surface will hang out further than a panel made with the equivalent horizontal bit.



ACME Tool, formerly Puckett's, are now moved into their new and much larger location. They played host for our September meeting.

backer board any blowout where the bit exits is minimal and will be cut away when you cut the stick.

Make the panel slightly smaller than the interior of the frame so the frame won't break when the humidity changes.

The Freud representative demonstrated how make frame and panel doors and put in a plug for Freud tools in general.

You can make the top of the doors straight as demonstrated or you can make arch tops. The club owns a set of templates to make arch top doors. They can be borrowed from the library.

You can also raise panels with a shaper, table saw, hand plane, and carving tools. Fake panels are easy with a plywood back and what ever you like glued on for a "panel".

Frame and panel doors, with the central panel captivated in a frame, are very popular because they let the panel shrink and swell when the

Once the frame is made you have a lot of choices for the panel. Flat panels can be made from plywood. Glass can be used. You can also

When you've made the panel finish it before gluing up the door. Also finish the "Stick" surfaces of the frame. Mask off the spots where the "Cope" will fit. Pre-finishing prevents an unfinished stripe around the edge of the door when the weather changes. It also keeps the panel from splitting when glue sticks the panel to the frame in the corners.



Besides the door demonstration we got a chance to look at some of the rest of the Freud product line. They make other cutting tools (saw blades, shaper cutters and lots more). They also have a nice portable router table, a router that's ok but not great and the nicest fence system that I've ever seen (for \$100). Besides

humidity changes. The technique has been used for centuries because it works. If the panel isn't free to move the door will warp and break itself apart.

make a raised panel. We have lots of choices when you make raised panels. One of the more popular methods was demonstrated using a router table.

some appreciation for what goes into carbide cutting tools I came away with a really nice saw blade for my chop saw.

The approach that was demonstrated requires using two router

We have two choices when we raise panels on a router table, horizontal



Upcoming projects

Most of us need time to build a project to bring to the meeting.

January: A project using recycled Lumber.

Here is the list so far. We need would love to hear any suggestions that you may have for future projects.

February: ??

Upcoming projects:

October: Trivet

November: Cutting board

Upcoming events

We have a couple of things coming up that you need to know about.

First, our **annual toy build**. We will have more information out as soon as it's final

Second, **The Cedar Valley Habitat For Humanity ReStore** is having a Woodworking contest. We are all invited (encouraged) to participate. More details will be

sent out when they become available. Set aside some shop time this fall for this contest. It's going to be fun and support one of the more worthwhile organizations in the area.

Here is a link to the ReStore.
<http://www.cvhabitat.org/restore/index.php>



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November, 2007

Meeting Notice:

- Our November meeting will be Tuesday the 20th at 5:00 in the Main plant cafeteria
- Christmas Toy Build
- Door Prizes!!
- Project of the month: Bring a cutting board.



Knot News

COLLINS WOODDOEKERS GUILD NEWSLETTER

Christmas Toy Build

Several of our members have devoted two evenings this last month to building toys for Christmas. We have dozens of toys ready to be completed. Wheels to glue, logos to burn in and lots of other little tasks that will finish the job.

Our Doll cribs are always popular and we have bunches. There are never enough crayon trucks so this year we made three dozen. Anyone remember that flipper game that we made a few years ago? We have bunches.

Some of our members are also working on projects independently. Wayne is making his cell phones again this year. They are always popular. If anyone else is doing

that please bring anything that you would like help wrapping up to the meeting.

We did our work at Marion High School again this year. There are a few changes. The school bought a pair of new SawStop Cabinet saws. They replaced a pair of Unisaws that were nice too. SawStop saws are a great idea for a school shop where the students consider themselves indestructible. These seem easy enough to use once you figure out



how to turn them on. Hint: there are three switches and they have to be turned on in the right order.

They also bought a new scroll saw and a hollow chisel mortise machine. We didn't have the opportunity to use them but they look pretty nice.



October Meeting

Last month we elected officers. The biggest change is that Larry Lacy bowed out as treasurer and Wayne Hanson has agreed to fill that roll. John Cox will be leading the group again this year as President and Joel Gillett will be Vice President.

Elected may not be the right word. Maybe Dragooned or possibly Railroaded would better describe the process. It's a little like the Mafia. They let you know when they no longer require your services.

The project for the month was a trivet. That seems to be a popular project and there were a lot of different designs. We seem to have a problem keeping a ceramic tile attached to a wooden frame. That is surprising because these tiles are made to attach to wooden floors with mastic. A little grout is generally used to fill the space between tiles but it generally doesn't add support. We had several people describing problems getting them to stay.

One project was a Dutch oven system that included a trivet and a wooden box. I would like to see it in use.

This is the meeting where we have the good door prizes. Dan Herr took home the Freud saw blade. Jim Rettig, Steve Gerts and Larry Scott all got gift certificated to ACME or

Membership Drive and Election of Officers



The Fine Woodworkers Store. Shawn Goudy won the calculator, Bill Barvinek and Ken Bodensteiner got some pretty nice clamps. Ed Kalos went home with a digital Angle gauge, Duane Webber has a set of VIX bits, and Lance Zook got a Gripper Push block. Did I miss anything?

Most of the door prizes seemed to go to people sitting along the east wall. No idea why.

Following the election and door prizes we put away ten pizzas and a cooler full of pop.



Upcoming projects

Most of us need time to build a project to bring to the meeting.

Here is the list so far. We need would love to hear any suggestions that you may have for future projects.

Upcoming projects:

November: Cutting board

January: A project using recycled Lumber.

February: ??

November Project

We all use cutting boards in the kitchen. It's what keeps working on the counter and not into it. Sometimes they are humble utensils that we don't think much about.

Cutting boards are a really nice addition when you take bread, muffins or even cookies to the bake-sale at the church. Ignore the fact that you generally don't cut cookies on a cutting board. It just makes a nice presentation tray.

We have a lot of possibilities. They are an opportunity to use woods that we generally don't use but watch it because lots of woods are really toxic. No Oleander for mine! It would be a good use for

that odd piece of birds eye maple.

Of course any finish that you add will be in contact with food. Mineral oil is a good option. Most conventional oil based wood finishes use metallic dryers and are quite poisonous. Look for something that can be used in contact with food.

You can really go crazy with design. Shape can be anything you can dream up. Animals can be popular if you are trying to enlist the help of kids in the kitchen. They can be end grain or flat grain, one species or laid up like a checker board.

Ever hear of a "Bread Board End"? This is where they're used. The

principal use is to keep the board flat. Cut a tongue and groove joint in the end and tie it down in the middle. If you glue the ends the board will split. They offer other opportunities too. Contrasting woods can be interesting. You can cut through tennons in the middle and those can be shaped any way you like.

Maintenance is easy if you apply the even the smallest judgment. Clean the cutting board with soap and water. And let it dry completely. Don't cut things you are going to eat directly (Tomatoes, cheese, bread...) after you cut up the chicken. Sand it flat if it gets too beat up.



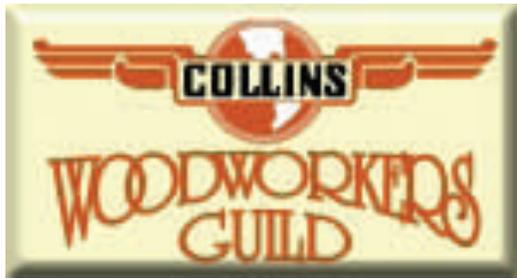
Upcoming events

The Cedar Valley Habitat For Humanity ReStore is having a Woodworking contest. We are all invited (encouraged) to participate. The deadline for entry has been extended. You still have an opportunity to participate.

This doesn't have to be a large, time consuming project. They are receiving at least one large carved bowl that will take about a week's worth of evenings.

Turn a mug, make a picture

frame, or maybe make a bread board....



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Is published monthly by the Collins
Woodworkers Guild

The Collins Woodworkers Guild is a club dedicated to preserving the age old practice of creation using the medium of wood. CWG members gather monthly to share tips, ideas and experience to further the knowledge of all members. From creating heirlooms for their families to Toys-For-Tots, members help each other get the most out of their woodworking experience.

Membership in the Collins Woodworkers Guild is open to ALL Rockwell Collins, Inc. Employees, Spouses, Retirees, and Contract Employees, AT ALL ROCKWELL COLLINS LOCATIONS!! Everyone is welcome at our meetings and yearly dues, renewed each September, are \$15.00

GUILD BENEFITS

- Access to our EXTENSIVE library of books, magazines and Tool Collection
- Open exchange of ideas, from project help to house building; and a hand when needed
- Social Activities
- Workshops
- Toys-For-Tots and other Programs to help our Community
- Educational and Informative Presentations
- Open Houses
- Tours

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