

Meeting Presentation: Making a Maloof-style Rocking Chair

Kevin Bosley and Jim Garrett gave a wonderful presentation on making a Maloof-style rocking chair. It takes them approx. 100 hours to make one chair, and as you can see, their time is well spent! One chair takes about 40-50 bf of 8/4 wood. They explained that they don't surface their stock before starting on a chair because they need to maintain the thickness of the stock.

Hal Taylor in VA has a book/class on these types of chairs. You can check it out at: <http://www.haltaylor.com>



The chair always starts with the seat
We keep it flat/square for as long as possible
Lay out the best of the grain for the seat

The back and rear legs (which are one long piece). They require so much material and are unwieldy to deal with.

Have a special tapering jig that only cuts at 6 degrees.

Take very very small cuts on the table saw. A precision press fit.

It will 3-4 hours to fit front and back legs (4 legs) with both of us working...

The accuracy of the initial cuts really matter. Your table must be perfectly square.



Front Leg:

Keep it big and flat as long as possible.

First you cut the notch on the blank that fits into the seat.

Fit it to the notch on the front of the seat.

Two templates are used, one to cut/shape the front-back of the legs and the other to cut/shape the sides.



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Membership

117

Raffle Prizes

Irwin Saw Blade - Phil DeBerry

Irwin 3 piece chisel set - Gregory Holt

Rigid stand - Marc Greene

Ryobi tool set - Bob Meunier

Woodcraft gift certificate - Fred Miller

The CWA raffle could benefit from your donation. If you have any tools (old or new) or shop supplies you would like to donate to be raffled, please bring them to the meeting.

Back slats -

The biggest jig we were concerned about was for the back slats.

Cut from one piece of wood, not steam bent

Starts as a 2" thick block that we bring down to 1-1/2 inches

When it is still a square, mount it into a jig to cut the round tennon that will fit into the seat base.

The back of the slat is just cut on the bandsaw.

The tip that goes into the chair's seat is shaped after the round tennon is cut..

Always make one extra backslat in case one breaks!



Headrest:

Made from six boards

Try very hard to book match. Spend time making sure the grain blends.

The key to gluing it up is sequence. You have to glue all six pieces at once anyway.

Glue up 2, 2 and 2. Then glue up the three bigger pieces.

We cut slowly with a Diamond Sterling Bandsaw blade that is only 3/8 thick. It

takes about 3-1/2 minutes to make one cut. Very slow!

Final thickness 1-1/4".

Only 3 or 4 teeth per inch.

The headrest is oversize in length.



Carving, shaping and blending is done outside the shop.

Because this creates a tremendous amount of dust.

There are plenty of seams that you have to smooth out.

The grinder takes practice and finesse but is also easy to use.

Runners:

The size of the arc is correlated to the seat height of the chair. But the right arc means that it doesn't "walk" when you rock.

<http://www.rockingchairuniversity.com/rocker-radius.html>

Laminated 4-1-4. four strips of walnut, on strip of contrast (maple) and four more strips of walnut.

About 1/8" thick. Cold bent. One runner at a time. Blanks are marked sequentially.

Add risers to the legs. 2-1-4. Two walnut, one contrast, four walnut.

The runners are also attached with a 4 inch screw to the leg of the chair. Drilled at a 6 degree angle with a jig.



Sanding:

Take it all the way to 1,000 grit.

Practically polish the wood before we even put our first coat of finish on.

Linseed oil; thinner; spar varnish.

"Aberlon" sanding disk. Helps you see any sanding mistakes.

How much does one cost?

We sell our chairs for about \$3,000 depending on the size and the wood you choose.

That is expensive but consider:

It will be in your family for generations

A 'small' Hal Taylor rocking chair costs \$5,000. His large is \$6,000.

A small rocker from Sarasota Rockers is \$5,800.

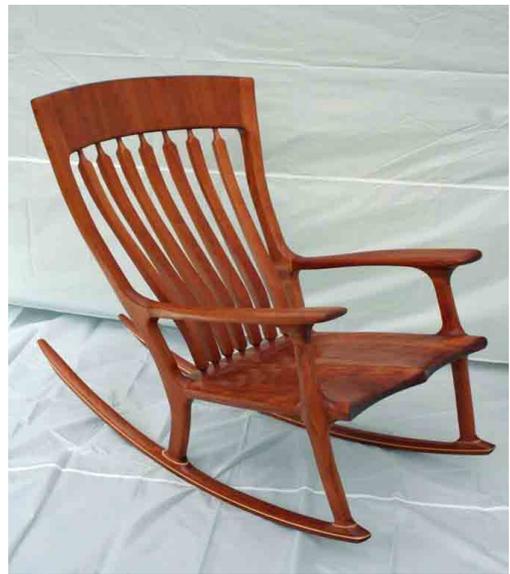
<http://www.sarasotarockers.com/available-inventory.html>

For more information check out the blog written by a student of Hal Taylor at:

<http://www.woodworkersguide.com/2008/11/24/rocking-chair-university-week-day-1/>

Also Check out:

<http://www.lindauwoodworks.com/index.html>



McAlister Award:

-Due by the first week of November

-Must have the nominations before the November meeting...

-Need to know who and why.

-Would like to see who is nominated before we put the committee together so that they will not have to recues themselves.

- Please see the emails sent out by Rob Andrews. You can download and submission form and email it back to Rob!

Safety Moment

Before you start working, think about what you are going to do, how you are going to do it, then go ahead and start working.

You don't want to improvise because you aren't ready or have the right tools/bits/blades on hand.

Another shop tip from Bob McElfresh: Unmessy Blade Cleaning

I've read various ways to clean built up pitch from blades, including oven cleaner and soaking in gasoline or kerosene. Each should involve rubber gloves and the latter two would involve disposing of hazardous materials. I've also read that oven cleaner isn't good for carbide tipped blades but I don't remember why. They all make a nasty and smelly mess,

I've found that simply soaking a blade in hot water for a few minutes and then wiping the teeth with a brass or other stiff brush (probably not wise to use a wire brush unless you're pretty gentle) works just fine. No fuss, no muss.

Wood Identification: - There were eight entries, seven had at least one of the woods ID'd correctly.

Black Walnut: Eastern US wood, not very far north. Janka Hardness: 1,010. Rich dark color, stability and workability. Once proposed as our national tree.

Butternut "Juglans conerea" or "White walnut": Eastern US wood as well. Janka Harness 490. Hard to come by. A disease has damaged a lot of butternut in the Midwest.

Show & Tell

Unfortunately we don't have pictures of this month's Show & Tell items, but here is a list and description of what was presented:

Offset Leg for a table by Bruce Boghust. He will demonstrate on a Monday night if anyone wants to learn how to do it. It is an option for the learn & build leg.

Dog Lamp by Roger Callahan. Made for a niece who is a Veterinarian. Mostly bandsaw and sanding drum project.

Dulcimer by Marc Willingham. Sycamore and walnut top. A bit more inlay on the back. Marc is starting a dulcimer class at the end of September on Monday nights at JPM.

Scrap Art project by Bob McElfresh. Done with cedar offcuts

Festival in the Park easels: Fred Miller organized the rehabilitation of the easels for the children's art display. Thanks to everyone who pitched in and helped with this project.



Matthews Alive 2015



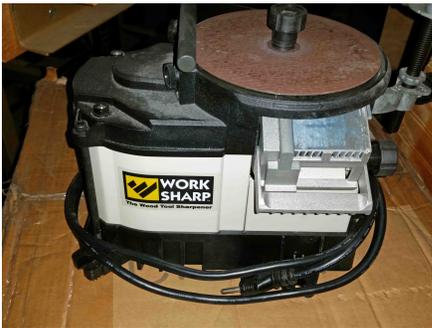
OTHER CLUB NEWS

Did you know that the club has items that you can rent instead of buying?



Drill Doctor for sharpening regular and spade bits

Magnetic Planer Knife Setting Jig



Work Sharp 3000 (you will need to supply your own sandpaper)

Each item rents for \$5.00 a month - see any board member if you are interested.



CWA Google

Groups

Communicate with other CWA colleagues on Google

With a single email you can let others know what's happening, share some information or get an answer to a question.

Note: You Can Join This Group on Your Own!

To join:

- Create a Google account, if necessary (requires name, email and password).
- Please save your password in a secure place for future use.
- Paste the entire line below in your web browser's address bar
- <http://groups.google.com/group/charlotte-woodworkers>
- "Sign in" Click the link "Join this Group" (on the right).
- Once "signed in" select the radio button "Email" at the bottom and enter a nickname.
- Send an email out to the group to introduce yourself!
- Use "charlotte woodworkers@googlegroups.com" as the "send to" in an email to send a communication to all members of the group.

Find CWA Online @



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



<https://www.facebook.com/pages/Charlotte-Woodworkers/24482148888300>



<https://groups.google.com/forum/?hl=en#!forum/charlotte-woodworkers>

Help Wanted

Shop Tours Coordinator - Responsible for coordinating one to two shop tours each year. Mike Smith currently holds this position and is looking to have somebody completely take it over.

Snack Team Person - A shared responsibility. Once every several months, this person responsible for purchasing and setting up the snacks for our meeting. The club reimburses for the snacks and you only have to do this once every three to four months depending on the number of persons we have participating for this. Please contact Greg Smith (elgrego7@yahoo.com) if you can help .

Registration - Look at the CWA website to register interest and sign up for the projects; as information details appear on the website.
<http://www.charlottewoodworkers.org/>

From John Bregan:

As an benefit of my company, you can access to a nurse advice line. There is no charge, no one will try to sell you anything or place you on a mailing list.

To use the service, call 210-595-2273. The company is Carenet Healthcare Services. Tell them you are a friend of mine (I am a Care Advisor).

Safety Waivers:
Must be filled out and on file for all CWA Members!
You can download the waiver on our web site, scan it and e-mail to John Bregan at jrnurse2005@yahoo.com.
We also have blank ones available at the monthly meeting.

Monroe CWA Satellite Location
Fully heated and Air conditioned
Going to host a Learn & Build class in the spring
Probably building a shaker table.
We will host an all-day class (9-4) so that people that have to travel to get there will get a full day

Learn & Build Classes
We try to choose skill sets that the project will develop.
Everybody sets up the machines for their project each time. We don't gang-rip the parts. You will learn how to do it yourself.
A Shaker table build started October 10th
Dulcimer class also has started
Steve Wall Lumber will put together a lumber package for the project. He even ships it to you!



**NEWSLETTER
PICTURES AND NOTES:**
Thank you!
Pete Stoffel, who takes notes
Mike Smith, for the pictures



Currently Mike Smith organizes club membership shop tours periodically.

However, Mike would REALLY like for someone else to pick up coordinating the tours.

If you are interested please contact Mike.

The goal is to have shop tours scheduled in the same geographic area to reduce distances traveled between shops and permit adequate time to tour several shops in a day.

To put your shop on the shop tour list, contact Mike at: mikececilsmith@gmail.com

Note: Shop tours are for active CWA members only—no guests

CWA MEETING PRESENTATIONS

All members are asked to keep an eye out for anyone that might make be a suitable program presenter for our CWA club meetings. *Who knows, it might even be you!*

Recent presentations have included:

- Spoon Carving
- Fitting a Drawer
- Power Carving
- Bandsaw Boxes
- Hide Glue
- Tuning up a Wide Board
- Workbenches
- Intarsia Lidded Wood Boxes
- Turning a Peppermill
- Using SketchUp
- Log Cabin Building
- Cutting Ogee Style Feet on a Bandsaw
- Building a Mantle Clock
- Tools and Changes in the Industry
- Workshop Design
- Dust Collection 101
- Saw Blades 101, Freud Blades and Router Bits
- "Easy Wood Tools" for Woodturning
- Small Shops
- Finishing
- Product Development Presentation (by Stanley Black & Decker)
- Thomas Day Furniture Presentation
- Tool Sharpening
- Marquetry
- Wooden Flute Making
- Spoke Shavers
- All About Wood
- Inlay Stringing
- Fixing Your Mistakes (Parts 1 and 2)
- Cutting and Drying Lumber
- Making Banding Inlay
- Jigs & Fixtures
- Chairs
- Mortise & Tenons
- Project Planning

Monday Night Open JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so. CWA members are there on Monday nights at 5:30 pm if you need any advice or assistance with a project.

Ensure you have completed the CWA 'waiver form' before you use any of the tools and equipment and follow the "Shop Foreman's" directions and safety procedures.

Please share your woodworking knowledge, interesting experience and/or a useful tip with your CWA colleagues by writing an article for the CWA Newsletter.

Send your article to

jrnurse2005@yahoo.com

If you know of someone with a woodworking skill that would be of interest to CWA members please contact Warren Johnson @ warren-jo46@gmail.com.

CWA FRIENDS AND SPONSORS

Please thank them every time you use their services.

Woodcraft

1725 Windsor Square Drive
Matthews, NC 28105
(704) 847-8300
[Charlotte Store](#)

West Penn Hardwoods

1405 Deborah Herman Road
Conover, NC 28613
828-322-2265
www.westpennhardwoods.com

Klingspor's Woodworking Shop

www.woodworkingshop.com
800-288-0000

Irwin Tools

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

Farris Belt & Saw

235 Foster Ave.
Charlotte, NC 28203
www.farrisbelt.com
704-527-6166
Complete sharpening services and abrasives

Horizon Forest Products

Greenville, S.C.
<http://www.horizonforest.com/>
Local Charlotte Salesman Chad Mitchell, 704-401-6426

The Woodworking Source

184 Azalea Road
 Mooresville, NC
<http://www.thewoodworkingsource.com>
Phone: 704-662-9663

Whiteside Machine Company

4506 Shook Road
Claremont, NC
<http://www.whitesiderouterbits.com>
Phone: 828-459-2141

Direct Tools Factory Outlet

5648 E. Independence Blvd. Suite E
Charlotte, NC 28212
704-537-2002

Woodworking Suppliers & Resources

Below is a list of various "local area" businesses that sell woodworking supplies that CWA members have used.

- **A&M**
3300 Woodpark Blvd
Charlotte, NC 282056
704-598-7272
- **Advantage Trim & Lumber**
2520 Blacksburg Rd
Grover, NC 28073
704-471-9991
- **Asheville Hardware**
10 Buxton Ave
Asheville, NC 28801
828-252-8088
sales@ashevillehardware.com
- **Blume Supply**
3316 South Blvd
Charlotte, NC 28209
704-523-7811
- **Buddy Aultman (CWA Member)**
www.aultmansawmill.com
704-242-4849
- **Hardwood Store**
106 V East Railroad Ave
Gibsonville, NC 27249
336-449-9627
- **Klingspur Abrasives, Inc**
2555 Tate Blvd SE
Hickory, NC 28602
800-645-5555
- **Queen City Lumber**
2501 Weddington Ave
Charlotte, NC 28204
704-333-3939
- **The Sawmill (Kyle Edwards)**
5048 Reinhardt Cir
Iron Station, NC 28080
704-258-8985
- **Steve Wall Lumber Co.**
PO Box 287
Mayodan, NC 27027
800-633-4062
woodsales@walllumber.com

- **TCI Supply**
1442 Castle Court
Gastonia, NC 28052
704-917-0490
- **Woodcraft**
1725 Windsor Square Dr
Matthews, NC 28105
704-847-8300
Charlotte-retail@woodcraft.com
- **Woodworking Source**
184 Azalea Rd
 Mooresville, NC 28115
704-662-9663
- **Wurth Wood Group**
4250 Golf Acres Dr
Charlotte, NC 28208
704-394-9479

From Woodworkers Supply concerning Club Discount Procedures

Please also note that any members who are also a "for profit" business should let us know this and supply their business name & type.

The quickest, most efficient way to get them all setup is if they will do the following:

1. Those who are NOT new to Woodworker's Supply & have received catalogs from us in the past should contact me for setup so I can make sure we don't inadvertently create a duplicate customer file. It's not the end of the world if we do but I can convert folks over much more easily than they can themselves.
 2. Those who are NEW to Woodworker's Supply can visit www.pro.woodworker.com and signup as a New customer.
 - a. They will be including their email address & a password
 - b. In Business Name field – enter "Charlotte Woodworking Club Member"
 - c. In Business Type field - choose "Woodworking Club"
 - d. Fill in the rest of the required information
 3. Have them give me a call or email me and I'll double check / verify that their setup is complete.
- Any of the folks who are intimidated by the above steps can call me and I'll do the setup for them & send them an email.

Buddy Warner's contact info is:

Local NC: 336-578-0500 ext. 3054

Toll Free: 800-352-0182 ext. 3054

buddyw@woodworker.com

Directions to Jackson Park Ministries



From the intersection of I-85 and Billy Graham Parkway:

Take Billy Graham Parkway South.

Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)

Turn Right on Airport Drive.

First left on Sentry Post Drive.

At the end of Sentry Post Drive there is driveway on the left. Enter here. Using the photo above, drive down the driveway and around to the warehouse with the “x” on the top.

From the intersection of South Tryon Street and Billy Graham Parkway (where Woodlawn turns in to Billy Graham). Also exit 6 from I-77.):

Take Billy Graham Parkway North.

Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)

Follow from Step 3 above...

CLASSIFIEDS

Buy—Sell—Trade—Look For

FOR SALE:

Skechers steel toe work boots. mens size 10. Worn 1 week. \$75 Call John Bregan at 803-417-1006 or email: jrnurse2005@yahoo.com

Craftsman radial arm saw, 220 volt. The picture shown is not the actual saw, but it is close. Asking \$75. Contact any of the board members if you are interested.



Do you have some woodworking related items to sell or items you are looking to obtain? Send an email to the CWA Google Group at: charlotte-woodworkers@googlegroups.com or just email me at jrnurse2005@yahoo.com

Regular CWA Meeting Time and Place

Meetings of the Charlotte Woodworkers Association, Inc are held the third Tuesday of each month, **except for December**. Meetings are held at Jackson Park Ministries Woodshop at Sentry Post Drive, Charlotte, NC.

A social and refreshment time starts at 5:30pm; our meeting starts at 6:15pm. Come to the meeting early and get to know your fellow woodworking enthusiasts! See map on previous page.

SHOP CALENDAR

OCTOBER:

Monday 5th - Open Shop
Monday 12th - Open Shop and Board Meeting
Monday 19th - Open Shop
Tuesday 20th - Meeting
Monday 26th - Open Shop

NOVEMBER:

Monday 2nd - Open Shop
Monday 9th - Open Shop and Board Meeting
Monday 16th - Open Shop
Tuesday 17th - Meeting
Monday 23rd - Open Shop
Monday 30th - Open Shop

DECEMBER:

Saturday 5th - One Special Christmas Auction
Monday 7th - Open Shop
Monday 14th - Open Shop
Tuesday 15th - Christmas Dinner
Monday 21st - Open Shop
Monday 28th - Open Shop

2015 CWA Board Members



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