

The month of July brought us a warm, but informative meeting. Our regularly scheduled speaker was unable to present so Bruce Bogust kindly stepped forward and presented how he makes shaker boxes.

In addition, the club gathered to support a the Little Sugar Creek Urban Garden in Charlotte. When we learned that this wonderful community garden was in need of a vegetable wash stand and produce display stand, club members gathered together and finished the build in a couple of hours.

Little Sugar Creek Community Garden is a communal food-share garden with the belief that everyone should have access to fresh food regardless of income. This garden is an active Friendship Gardens network member, donating over 10% of its produce to Friendship Trays, the areas meals-on-wheels program. They're dedicated to helping the public and it was our pleasure to help where we could.



The Little Sugar Creek Community Garden also has a tiny library book exchange and our club members will be building a new one for them.

Kudos to Jessica Palmer for organizing this and coordinating with the our members and the community to get it done! Jessica is currently working on another club project to supply urns for veterans without family, friends or funding for proper burials. Please contact her if would like to help out on either of these projects.



Volume 50
July 2017

Membership
151

August Raffle Prizes

- Klingspor 5 Lb. box sandpaper
- Ryobi 5" Reconditioned Random Orbit Sander
- Irwin Marathon 12" 80T Blade
- Irwin 30 Pc. Router Bit Set
- Irwin XP24" Bar Clamp - Pair
- Ryobi 145 Pc. Driver Set

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.



Shaker Boxes

Presented By Bruce Bogust

Shaker boxes are thin walled boxes made in many different shapes and sizes. These are generally made of maple or birch on the top and sides with pine bottoms. There is a great article by Jim Wilson on making these oval boxes in the [October 1993 edition of Fine Woodworking Magazine](#). There are also more recent articles in both Fine Woodworking and American Woodworking magazines.

To work on these style of boxes there are a number of investments that will be needed up front. These include:

- Pan that holds water and can be used to heat wood to 180 degrees.
- Hotplate
- Anvil - 3 inch pipe (2 inch pipe will work).
- For Tacking
- Tacks - Copper (different lengths).
- Toothpicks - Square
- Form - you will need to make a form.
- Drying form inserts - (tapered on bottom or top)
- Patterns for fingers (finger per inch) (side and top)



Begin by preparing the wood.

Resaw on bandsaw to $\frac{1}{8}$ " in thickness. Plane to thickness desired, but $\frac{3}{16}$ " seems to work. The thickness of the wood depends on the radius of the bend. The smaller boxes have a much more aggressive bend and thicker stocks will break or splinter. To plane the veneer flat, it can be taped to MDF and go through planer to get a smoothly planed surface. It is also possible to feather the veneer this way by raising the fingered ends of the band slightly so they are planed thinner.

The fingers must now be shaped and the tack and pin locations aligned. See the [Fine Woodworking article](#) for recommendations on finger sizes and shapes.

Soak the wood 15-20 min to roughly 180 degrees Fahrenheit. Air dried wood works better than kiln dried. Match line on top with line on bottom and apply wood banded onto form and hold in place with some tape. Maintain pressure on the joint for 15 to 20 minutes while the wood fibers adjust to the bend..

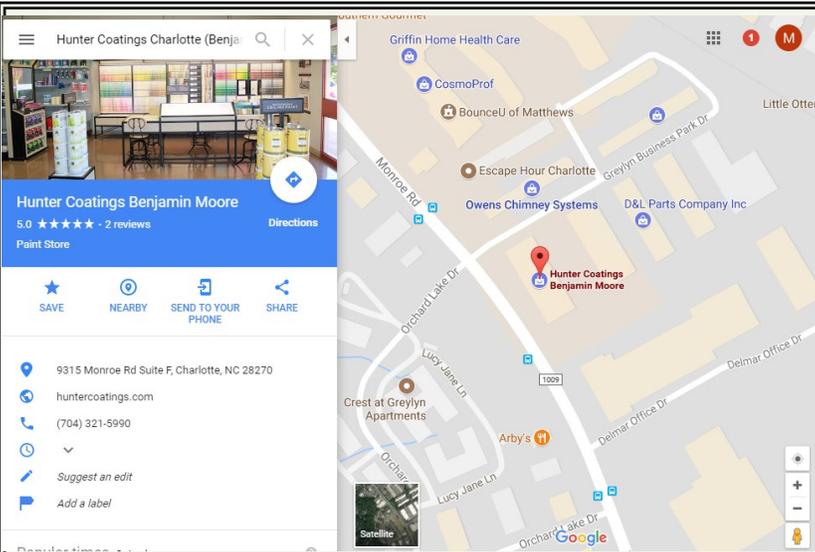
Wrap the band around the form and tape the line centered on the form. Be sure to draw a mark to indicate the overlap section on the top with the bottom of the box. These lines allow you to realign the box after it is removed from the form and tacked together on the anvil. Hammer the copper tacks and clinch them by nailing over the pipe anvil. This will secure the fingers. File the nails and dry overnight.

Complete the box by drilling and pinning the tops and bottoms onto the ovals. Boxes may be painted, varnished or oiled.

MEETING LOCATION CHANGE

The August meeting of the CWA will be held at Hunter Coatings Charlotte at the normal time.

Hunter Coatings Charlotte
(Benjamin Moore)
9315 Monroe Road, Suite F
Charlotte, NC 28270



Matthews Alive

There is a sign-up sheet going around for Matthews Alive. Please contact Bruce Bogust to sign up. Parking passes will be handed out at the August meeting. Setup is the Friday before Matthews Alive and we would like you to bring in items that will go in the show. There will be door prizes given out

Bruce Bogust
704-763-2065
bbogust@windstream.net



2017 53rd Festival in the Park

Friday September 22, 2017, The Charlotte Woodworkers Association will have a booth at the 2017 53rd Festival in the Park. If you would like to help man the booth, set-up or tear down, please see Bob (Coordination, displays, etc.) and/or Dan (Tent Set-up/tear Down)

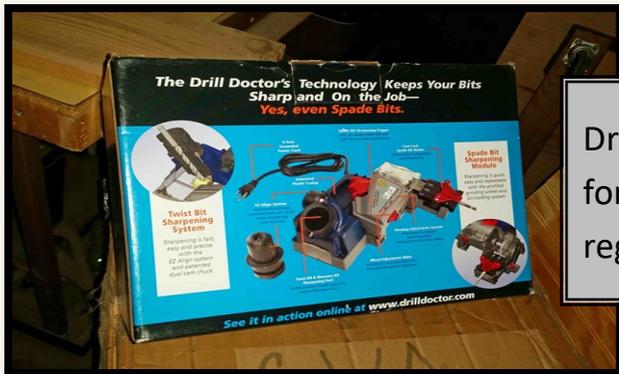
Bob Fields
robertmfields@gmail.com
704.393.1282

OR

Dan Holt
holt39934@gmail.com
704.763.7667

OTHER CLUB NEWS

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



Drill Doctor for sharpening regular and

Magnetic Planer Knife Setting Jig



Communicate with other CWA Members using Google Groups!



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

To Join on Your Own:

Create a [Google account](#), if necessary (requires name, email and password).

Save your password in a secure place for future use.

Paste the entire line below in your web browser's address bar

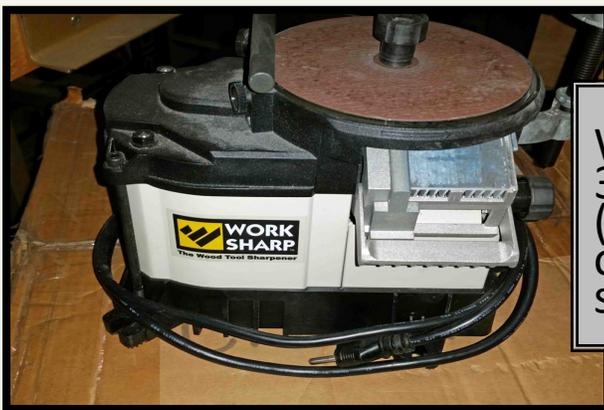
<https://groups.google.com/forum/#!forum/charlotte-woodworkers>

“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 nick- name.

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.



WorkSharp 3000 (use your own sandpaper)

Find CWA Online @



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



<https://www.facebook.com/pages/Charlotte-Woodworkers/244821488888300>



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

Help Wanted

Photography - We are still looking for someone to assist with taking photos during meetings and club events. Please contact any of the board members if you are interested.

Web Site Management - We are also in need of someone to help with the web-site. The site is currently undergoing an overhaul to make it more user friendly, searchable, and easier to use.

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 Mark Boyer, MarkTBoyer@hotmail.com.

We also have blank ones available at the monthly meeting.

Learn & Build Classes

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>



A special thank you to Pete Stoffel for taking notes for this edition of the Sawdust! You're invaluable Pete!

Shop Tours!



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

If you know of someone with a woodworking skill that would be of interest to CWA members, please contact Bill Blackett at: billblackett@yahoo.com.

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.

Call for Articles!

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

Send your article to
MarkTBoyer@hotmail.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

Farris Belt & Saw
235 Foster Ave.
Charlotte, NC 28203
(704) 527-6166
www.farrisbelt.com
Complete sharpening services and abrasives

The Woodworking Source
184 Azalea Road Mooresville, NC
(704) 662-9663
<http://www.thewoodworkingsource.com>

West Penn Hardwoods
1405 Deborah Herman Road
Conover, NC 28613
(828) 322-2265
www.westpennhardwoods.com

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

Whiteside Machine Company
4506 Shook Road Claremont, NC
(828) 459-2141
<http://www.whitesiderouterbits.com>

Klingspor's Woodworking Shop
(800) 288-0000
www.woodworkingshop.com

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

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

Irwin Tools

8936 Northpointe Executive Dr. Suite 200
Huntersville, NC 28078
800-464-7946

Klingspor 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

West Penn Hardwoods

1405 Deborah Herman Road
Conover, NC 28613
828-322-9663

Open: M-F 8 a.m. - 5 p.m. Saturday: 9 a.m. - 1 p.m.

Woodcraft

1725 Windsor Square Drive
Matthews, NC 28105
704-847-8300

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

Items for Sale:

Stuff moves so fast through our group, it's not staying around long enough to publish in our monthly newsletter! Members send an email to the group if you've got stuff to sell!

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 MarkTBoyer@hotmail.com.

SHOP CALENDAR

August:

Monday 7th - Open Shop & Board Meeting

Monday 14th - Open Shop

Tuesday 15th - Meeting

Monday 21nd - Open Shop

Monday 28th - Open Shop

September:

Monday 4st - Labor Day

Monday 4^h - Open Shop & Board Meeting (subject to change)

Monday 11th - Open Shop

Tuesday 12th - Meeting

Monday 18th - Open Shop

Monday 25th - Open Shop

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.

2017 CWA Board Members/Committee



David Powles

President

704-506-0403

dpowles42@gmail.com



Bill Blackett

Vice-President / Program Director

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