

THE SAWDUST

Volume 14, Issue 9

September 2007

Small Talk from a Tall Guy

I am starting to build a shop in the basement of my house. More precisely, I am starting to build a set of built-in bookcases in the office of our new house. But before I can build that I need to get my table saw up and running, but before I can do that I need to get 220 Volt power to my basement, but before I can do that I need to frame in the perimeter of my basement so I have someplace to hang a sub-panel and run the wiring. When I finally get the shop built I am going to hang a sign on the door and name the space "Pandora's Box".

My wife has resigned herself to the fact that the office is going to be a mess until 2009 and I am trying to not get overwhelmed by everything I need to do to bring the shop to fruition. My latest minor achievement was hanging fluorescent lights from the ceiling. It may have to be enough for this month. In November I am looking forward to getting inspired with Bill Golden's presentation on Shop Design. But before we get there we have September's Finishing forum, which should be fascinating, and Dan Durant's presentation of Festool's Domino system in October. Add in our Habitat for Humanity work-day and the last third of 2007 is going to be a great time to be part of the CWA!

Best regards,

Peter Stoffel
CWA Secretary

Meeting Time

Meetings of the Charlotte Woodworker's Association are held the third Tuesday of each month, except for December. Meetings are held at the Well of Hope Lutheran (formerly Incarnation Lutheran Church), 6400 Old Reid Road, Charlotte, NC (off Archdale Drive).

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

Freud Demonstration: Building Custom Doors



At the August meeting of the Charlotte Woodworkers Association Walter Kappleman gave a fabulous presentation on how to build an entry door using Freud's cope & stick router bit set. The bits are from set #99-267 and sell for \$199 at Klingspor's Woodoworking Shop and on Amazon.Com.

The unique feature of this bit set is that it allows you to make a full long-tenon to join the rails to the stiles (vs. stub tenons). The bits accomplish this task



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by having the ability to remove the top cutter off of the router bit and only cut the wood using the bottom part of the tool. The trick is to make a cut with the full router bit to get the bit centered in the material, then hog away most of the wood with a dado blade on the table saw to create the long tenon and lastly make the cope cut into the rail above and below the tenon only using the bottom half of the router bit.



Make the stick cuts with the Stile bit. Bit configuration shown is for a 1-3/4" thick stock.



Make the cope cuts with the Rail bit. Bit configuration shown is for a 1-3/4" thick stock.



Remove the top cutter assembly of the Rail bit without adjusting the height or removing the bit from the router.



Simply by adjusting the fence and making multiple passes, virtually any tenon length can be achieved.

Always unplug the router before adjusting the router, bit, or fence.

The router needs to be run at full speed, approximately 22,000 RPM when using this bit. At minimum the router should be 2-1/4 HP but 3-1/4 HP is even better. The door cutters are designed to compensate for tear-out.

The instructions that come with the router bit provide more detail than we can here. If possible, pick up the full-color 8-1/2 by 11" brochure too. It unfolds into a poster that breaks down the process into 16 illustrated steps. But even so, Walter had a few extra tips that you won't find in the literature:

- A trick for realigning the router bit is to touch the tip of the tenon with the cutter bit. Look for a "wafer" of wood above or below the work piece. If you are clean then you have the bit perfectly aligned.
- How to dull your cutters: This is especially true for planers –when the cutter isn't cutting it is rubbing. The rubbing will burnish the carbide over and dull the cutter.



CALENDAR OF EVENTS

- SEPT 6 CARVING BASICS: BALL IN A CAGE – WOODCRAFT
- SEPT 9 LATHE VII: NATURAL EDGE BOWL FROM A BURL – WOODCRAFT
- SEPT 13 BANDSAW 101 – WOODCRAFT
- SEPT 15 PICTURE FRAMING – WOODCRAFT
- SEPT 15 CABINET CASE CONSTRUCTION – WOODCRAFT
- SEPT 16 CARVE A COLLECTIBLE COUNTRY SWAN – WOODCRAFT
- SEPT 18 [CHARLOTTE WOODWORKERS MEETING](#)
- SEPT 20 RAISED PANEL DOOR CONSTRUCTION – WOODCRAFT
- SEPT 22 BASIC LATHE: PART I – WOODCRAFT
- SEPT 23 EMBELLISHED SURFACE TEXTURING ON TURNINGS – WOODCRAFT
- SEPT 27 PEN TURNING – WOODCRAFT
- SEPT 29 CARVE A FEATHER LAPEL PIN
- OCT 4 WOODBURNING: BURN A DETAILED FEATHER ON A WOODEN PLATE – WOODCRAFT
- OCT 6 ROUTER II: MAKE A HINGED BOX – WOODCRAFT
- OCT 7 LATHE III: LIDDED BOX – WOODCRAFT
- OCT 11 Introduction To Scroll Saw: Hummingbird Plaque – WoodCraft
- OCT 14 Power Carving – WoodCraft
- OCT 16 [Charlotte Woodworkers Meeting](#)
- OCT 18 Inlay Techniques – WoodCraft
- OCT 20 BASIC LATHE: PART I – WOODCRAFT
- OCT 21 LATHE VII: NATURAL EDGE BOWL FROM A BURL – WOODCRAFT
- OCT 25 CARVING BASICS: BALL IN A CAGE – WOODCRAFT
- OCT 26 HICKORY WOODWORKING SHOW OPENS
- OCT 27 HICKORY WOODWORKING SHOW CLOSES
- OCT 27 LATHE II: BOWLS – WOODCRAFT
- OCT 28 BASIC FINISHING – WOODCRAFT

One Special Christmas

Every year the CWA supports a fantastic local charity called One Special Christmas. Volunteers donate hand-made furniture, arts, crafts, and even a log cabin that are auctioned off every year. The money from the auction buys presents for needy children referred to the organization by local churches and agencies. The goal is to give these children at least one special Christmas in their lives.

Brendon Chapman, one of the organizers of One Special Christmas, has asked me to pass on their gratitude for all work in the past and to encourage CWA members to contribute to this year's auction scheduled for November 29th.

Fred and John's 18th Century Chest will be going up for auction this year and we hope to report on many more CWA member projects that make it to the auction.

More information can be found at:
<http://www.onespecialchristmas.org/>



Write a Book Review!

We haven't had any volunteers for writing an article for the Sawdust so I thought I would try for a book review. If you have a favorite woodworking book that has influenced you please consider writing a little review of it to encourage others to read it too.

Contact Peter Stoffel at PStoffel@Carolina.RR.Com or call 704-822-2425.

The Classified Section

Walnut Wood For Sale

Michael Gayk (at m_gayk@hotmail.com or 803-493-4241) recently contact the CWA to list his walnut for sale. Here is the story:

"I recently purchased a house in Rock Hill, SC, and along with a barn in the backyard came an attic full of various lengths and widths of air dried hardwoods. The previous owner made canoes, and the wood that was stored is mostly milled to 3/4 thick. There are a few boards that are 1" thick. Most of the walnut is no shorter than 5', the longest being 12', 4" to 7" wide. I have about 60 pieces."

No price was set. Contact Michael to negotiate for the wood.

WANTED – Cabinet Making Help

Don Hovis is remodeling his kitchen and is looking for someone with cabinet making experience that would either make, or help him make, chestnut faced kitchen cabinets. Contact Don at (704) 618-0076 or DLHovis@Duke-energy.com.

Machinery For Sale

NORTHSTATE MP-1



MULTIPURPOSE (5-in-1) TOOL

Serial Number: B000491

Mfg. Date: April, 1982

This tool was Imported & sold by LeNeave Supply Charlotte, NC. Manufactured by Fuso Industries Taiwan. It is a Shopsmith Clone, but much better constructed than a TotalShop.

This machine sat under a pile of other equipment at LeNeave, broken. I have cleaned & rebuilt the machine. The machine has blemishes on the outside but **THE INSIDE IS NEW**. This machine has **NEVER BEEN USED**. It is complete & includes the following items:

- Main Table with standard saw insert Extension Table,
- Miter Gauge with Safety Grip,
- Rip Fence,
- Upper & Lower Saw Guards,
- 1-1/4 in. Saw Arbor,
- 10 in. Combination Carbide Saw Blade,
- Arbor Wrench,
- Lathe Tail Stock,
- Tool Rest,
- Spur & Dead Centers,
- 12 in. Sanding Disc with Paper,
- 1/2 in. Drill Press Chuck & Key,
- 5/32 in. Master Allen Wrench,
- Goggles,
- Push Stick,
- Optional Casters and
- Operation Handbook
- A complete storage system is also available.

Price: \$ 650.00

Please contact: Bill Golden 704-519-6826 or 704-525-9691



You do not need to be a member to place a Classified Ad! If you have any items that you think would be of interest to our membership please contact PStoffel@Carolina.RR.Com to have your ad appear in the next issue of The Sawdust.

2007 CWA Officers

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Treasurer Report

	June	July	August
Deposits:	\$79.00	\$51.00	\$78.00
Disbursements:	\$38.66	\$21.43	\$26.75

Habitat for Humanity

At the August meeting of the CWA we signed up over a dozen members to take part in a day of service with Habitat for Humanity. We hope that this will be a great opportunity for our members to get to know one another outside of the meetings.

The Charlotte Habitat for Humanity chapter will be notifying us of the date they have scheduled us for the seek of September 17th. We are expecting it to be sometime in November or December. If you didn't sign up at the August meeting you can still add yourself to the list once we know the date of the event. Please join us in this worthy cause. Spouses and children over the age of 14 are also welcome to join us.

For more information please contact Phil Ashley at PhillipjAshley@aol.com or (704) 519-5662.



Hart Square – The 1840 Carolina Village

Hart Square began in 1967 with the purchase of a tract of land bought with the purpose of establishing a wildlife refuge and a retreat. On a portion of the 200 acre preserve a village has been reconstructed with original log buildings from the surrounding area. Each was disassembled, moved, and then restored exactly as it originally stood. In addition to the care taken in the restoration of each building, original boards, doors, hardware, windows and primitive furnishings have been used when possible to give the true appearance of the life of Catawba County settlers during the early 19th century.

Hart Square is only open to the public on the fourth Saturday of October each year. On that day, craftsmen and artisans demonstrate the way of life in the 1840's. Tickets are \$25.00 and are in limited supply. To receive tickets please contact Bob Fields at (704) 393-1282. ↗



Library Books and Videos

By Maurice Blackburn

Last month we used this space to publish a list of the DVD's available for rent by members of the CWA. This month we are publishing a *partial* list of print resources available to our members. Borrowing a DVD for a month cost \$1.00 but there is no fee to borrow books.

We are also looking for "Book Reports" written by our members that we can publish in The Sawdust. The goal is to have a monthly column that will highlight a different book each month. If you are interested in assisting please contact PStoffel@Carolina.RR.Com. ↗

ITEM	TITLE	AUTHOR	COMMENT
1050	400 Terrific Tech. Tips	<i>Woodworking Mag.</i>	Reference - 95 pages
1069	Airfoil Sections, Handbook of	<i>M.S. Rice</i>	
1086	Bending wood	<i>Fine Woodworking</i>	Instruction, photos & examples
1131	Better Homes & Gardens Handyman's Book	<i>Better Homes & Gardens</i>	Emphasis on woodworking
1136	Better Homes & Gardens Home Improvement Book	<i>Better Homes & Gardens</i>	Remodeling Ideas
1032	Cabinetmaker notebook	<i>Krenov, James</i>	Text, Photos, Project Details
1092	Cabinets, Building Traditional Kitchen	<i>Toplin, Jim</i>	Designing, construction, finishing
1062	Clock Makers, Shaker	<i>James Gibbs</i>	
1089	Clock, Designing and Building a Grandfather	<i>Gary Williams</i>	
1132	Complete Handyman Encyclopedia Vol. 1 - Abrasives — Automobile Engines	<i>Science & Mechanics</i>	Home Maintenance
1091	Contemporary Art with Wood	<i>Meilach, Dona C.</i>	Techniques & designs
1081	Decoration, Handbook of Early American	<i>Edith Cramer</i>	
1096	Decorative Woodworking	<i>Bridgewater, Alan & Gill</i>	Techniques, veneering, carving, finishing
1014	Design Book Two	<i>Fine Woodworking</i>	Illustration & 1150 photos
1130	Do It Yourself with Plastics	<i>Erich H. Heimann</i>	All types of plastics
1141	Eighteen Fascinating Ideas for Your Home	<i>Weyerhauser Co.</i>	Built-ins etc.
1155	Fine Furniture for the Cabinetmaker	<i>A. W. Marlow</i>	14 Projects - lots of detail
1051	Fine Woodworking Tech #2		
1084	Finishing - Gold Leaf Antiques, How to	<i>Donald Chambers</i>	
1083	Finishing - Gold Leaf Techniques	<i>Raymond LeBlanc</i>	
1076	Finishing - Guide to Furn. Refinish. & Antiqu.	<i>McGraw-Hill</i>	
1006	Finishing Techniques	<i>Fine Woodworking</i>	Comprehensive instruction
1009	Finishing Techniques	<i>Fine Woodworking</i>	Comprehensive instruction
1049	Finishing, Understanding Wood	<i>Bob Flexner</i>	Reference - 300 pages
1030	Finishing, Woodfinishing	<i>Dresdner, Michael</i>	Informational - many topics

The Books Videos and DVD's are stored in our two cabinets at the Well of Hope Lutheran Church, where we hold our monthly meetings and are available for inspection and borrowing at the meetings.

Any suggestion you may have for additions to the library would be very welcome. ↗

CHARLOTTE WOODWORKERS ASSOCIATION SPONSORS

Please thank them every time you use their services.

HORIZON FOREST PRODUCTS

Chad Mitchell, Manager
839 Exchange Street
Charlotte, NC 28208
704-369-0485

WOODCRAFT

Mr. David Boyuka
1725 Windsor Square Drive
Matthews, NC 28105
(704) 847-8300

THE WOODWORKING SHOP OF CHARLOTTE

Jim Rivers, Manager
4728 South Blvd.
Charlotte, NC 28217
(704) 521-8886

*Show your CWA membership card and receive benefits
(except power tools and wood)*

CWA MENTOR PROGRAM

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Bill Golden
Shopsmith & Accessories
704.525.9691
popstoyshop@yahoo.com

Wayne Manahan
Sharpening
704.786.0768
wmanahan@vnet.net

If you are willing to mentor new woodworkers please let us know and add yourself to the list. Thank you!

"Make sawdust, not War!"

-Unknown

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