

**Next Meeting:**  
**July 19, 2005 7:30 PM**  
**The Woodworking Shop**  
**3141 Capital Blvd**

## July 19th Meeting

Jim Smith, Paul Rolfe & Kevin Pearce presenting sharpening

During the general meeting Jim will describe the various tools that go into sharpening chisels and planes in the traditional Japanese way. Although not well known in the handyman market, water stones, the basic Japanese sharpening tool, are probably used by 90% of professional cabinetmakers.



Paul Rolfe will discuss and demonstrate sharpening the Tormek sharpening system. He will show and explain various jigs used to sharpen tools. The jigs bring accuracy and repeatability to the sharpening process.

Kevin Pearce will demonstrate how to get a razor sharp edge on your scraper. The scraper is a simple but versatile tool and is used many professional cabinetmakers. If you do not have a scraper in your shop, you should!

## Workshop July 23rd, July 30th and August 6<sup>th</sup>

Three workshops ;conducted by Jim Smith will be scheduled, if interest is shown. Each will accommodate five people. All three workshops will be the same and will focus on preparation of wet stones for use on sharpening chisels and sharpening chisels. These workshops will be very much hands on. The workshops are now set for July 23rd, July 30th and August 6<sup>th</sup> and will go from 9 AM to 4 PM. Fee \$30 Host: Fred Ford

## Toys for Tots

This year is going to be hard. Without Hal Liberty, a one man army, and his extensive workshop we have a big hole to fill.

The children of the area remain in need of love and support. A hand made toy has been shown to be a big plus on Christmas day to show both love and support.

I am calling on all TWA members to step up and enjoy some fellowship as we make toys for the most needy.

We will begin with private workshops in August and finish with Home Depot Day in November. Please call me 469-9575 or email me [fredford@nc.rr.com](mailto:fredford@nc.rr.com) to offer your support. All I am asking is a few hours out of one of your days to make many children happier on Christmas day.

Fred Ford, Chairman Toys for Tots

## Volunteers Wanted!

Remember at last month's meeting when we announced openings for the Executive Board? Several years ago, the club leadership decided to modify the way in which executive board members were selected, and the amount of time they served. This was a conscious decision to provide opportunities for other club members to "make it their club". Oftentimes organizations get caught into a trap where the same people step up over and over again to take opportunities. Whether it be a concern they "don't know enough" or are waiting to be asked - many members will let it happen. While this ensures the club continues to roll on as it always has, it introduces the situation in which the club - rolls on as it always has. We currently have several people who have come forward to offer their services to fill some vacancies. This is a good thing. However, we still have an "at large" board member vacancy open. If you don't want the responsibility of president, vice president or treasurer, but think you can help, this is your chance. You will not only help fill a leadership position, but you will find yourself working much closer with a very good bunch of people - your fellow TWA members. Please contact Fred Ford today! 469-9575 or email [fredford@nc.rr.com](mailto:fredford@nc.rr.com)

## About the Triangle Woodworkers Association

The Triangle Woodworkers Association (TWA) is a nonprofit educational corporation. The TWA is dedicated to teaching woodworking techniques through seminars, classes, and workshops; participants are required to sign waivers absolving liability for TWA or its designated representatives. The TWA promotes woodworking education and community interest in woodworking and in general sharing a love for wood.

### Club Officers and Committee Chairmen

#### Executive Board

President: Rick Cornell or 919-270-0650  
Trianglewoodworkers@yahoo.com  
Vice President: {vacant}  
Secretary: Bill Anderson, (919) 932-6050  
willarda@mindspring.com  
Treasurer: Robert Foss, (919) 782-6472 or  
fossrg@hotmail.com  
Members at Large:  
Dick Courtney, Sig Johnson, {vacant}

#### Committee Chairman

Program: Cecil Raynor, (919) 870-0508 or  
raynorc@bellsouth.net  
Nominating: Fred Ford, 919-469-9575 or  
fwford@bellsouth.net  
Toys for Tots: Bob Gabor (919) 542-5951  
Fred Ford, 919-469-9575  
Newsletter: Rick Cornell, 919-270-0650 or  
trianglewoodworkers@yahoo.com  
Library: Kay Baker, 919-662-8504  
Publicity: Ron Johnson, 919-544-2021  
Sponsor: Ed Karolak, 919-383-4233  
Hospitality: Kay Baker, 919-662-8504  
Internet: Jim Kroeger, (919) 362-5741  
Mentor: Dave Mackie, 919-859-2600 or  
mackieevad@aol.com  
Photograph: Ron Heidenreich, 919-848-1134  
Membership: Rick Cornell or 919-270-0650  
Trianglewoodworkers@yahoo.com  
Audio: Tom Revelle, 919-387-8286

TWA News is published monthly by the TWA and is mailed to members, sponsors, and associates. If you are interested in contributing articles, please send to:

Triangle Woodworkers Association  
P.O. Box 4206  
Cary, North Carolina 27519-4206  
or trianglewoodworkers@yahoo.com

Articles and classified ads to the next newsletter must be received by:

August 1, 2005

### Treasurer's Report

TWA Treasurer's Report			
01SEP04 - 27JUN05			
	JUN05	Fiscal YTD	FY2005
	Actual	Actual	BUDGET
<b>Beginning Balance</b>	<b>5801.20</b>	<b>5887.20</b>	
<b>INCOME</b>			
Dues	429.00	3,945.00	6,000
Misc. Income Souces			
<b>TOTAL INCOME</b>	<b>429.00</b>	<b>3945.00</b>	<b>6000.00</b>
<b>EXPENSE</b>			
Workshops/Programs		3,268.73	4,450
Income	-75.00		
Auction		300.00	300
Web Hosting			0
Newsletter	67.30	652.25	825
Membership	37.00	65.77	175
Administrative & Board		127.34	200
Meeting Equipment			100
Meeting Supplies	6.42	11.56	100
Library		359.43	650
Toys for Tots			200
<b>TOTAL EXPENSES</b>	<b>35.72</b>	<b>4785.08</b>	<b>7,000</b>
<b>Ending Balance</b>	<b>6194.48</b>	<b>6280.48</b>	<b>-1000</b>
<i>Respectfully submitted, Robert Foss</i>			
<b>Notes:</b>			
1. Workshop Income, APR05 Chip-Carving: \$75.00 => final receipts			



Have a Happy 4th of July!

**Triangle Woodworker's Club Meeting Minutes  
The Woodworking Shop  
June 21, 2005**

Rick Cornell called the June 21 TWA meeting to order at 7:30 pm. Rick passed out information regarding how to determine when a membership has expired.

Fred Ford, on behalf of Kay Baker who was not present, announced that TWA is looking for a volunteer librarian assistant for Kay. He made a plea for new members to get involved.

Cecil Raynor passed out a list of potential program topics derived from last month's 2006 program survey and requested that those present prioritize their desires for the 2006 program. From the membership response Cecil will establish a priority for topics to be used for planning the 2006 program.

Fred Ford announced plans for Toys For Tots and solicited feedback from those present regarding their desires for individual workshops vs. Home Depot sponsored workshops. The majority of those present preferred to attend individual workshops. Fred passed out a sign up sheet to determine interest in participating in the Toys For Tots workshops.

Fred Ford announced that next month's program will be on Sharpening to be presented by Jim Smith. He also passed out a sign up sheet to get a feel for interest.

Rick Cornell announced that with the upcoming elections there were opportunities for members to become more involved in the management of the TWA Club by volunteering for an open position for a board member at large.

For show-and-tell Bernie Bogden showed a relief carving he had recently done for new kitchen cabinets he had recently had built. The grape and vine carving was done in butternut with a black walnut shell centerpiece.

George Holmes was scheduled to present the evening program but recently passed away. Bruce Wrenn stepped up to the plate and presented a program titled Gadgets, Gizmo's and other Garbage. It was an excellent program on a number of jigs, fixtures and other tricks. It included jigs for the table saw including how to saw a straight line on a crooked board, how to set up for dados as well as

how to prepare the surface of your table saw. Bruce covered a number of safety issues and included a number of economical tips on a variety of subjects.

The meeting adjourned at approximately at 9:00 pm.

Submitted,

Cecil D. Raynor

***Did You Like That Fraction/Decimal Conversion Chart***

Bruce showed at the last meeting? Well your ever lovin' editor found one that even includes metric values, and has put it on the club website. Just use this link to get the entire chart:

[http://www.ibiblio.org/twa/info/fraction\\_conversion\\_chart.pdf](http://www.ibiblio.org/twa/info/fraction_conversion_chart.pdf)

Here is a sample of what you will find. The chart on the web is in PDF format, and goes to 3". Hope you enjoy it!

fraction	decimal	mm
1/64	0.0156	0.3969
1/32	0.0313	0.7938
3/64	0.0469	1.1906
1/16	0.0625	1.5875
5/64	0.0781	1.9844
3/32	0.0938	2.3813
7/64	0.1094	2.7781
<b>1/8</b>	<b>0.125</b>	<b>3.175</b>
9/64	0.1406	3.5719
5/32	0.1563	3.9688
11/64	0.1719	4.3656
3/16	0.1875	4.7625
13/64	0.2031	5.1594
7/32	0.2188	5.5563
15/64	0.2344	5.9531
<b>1/4</b>	<b>0.25</b>	<b>6.35</b>
17/64	0.2656	6.7469
9/32	0.2813	7.1438
19/64	0.2969	7.5406
5/16	0.3125	7.9375
21/64	0.3281	8.3344
11/32	0.3438	8.7313
23/64	0.3594	9.1281
<b>3/8</b>	<b>0.375</b>	<b>9.525</b>

## President's Corner

I don't figure I have enough experience to do real product evaluations, but thought this month for the President's Corner, I would share a recent experience. Dovetails – through and half blind, router or hand cut. From what I have heard and observed, seems like most woodworkers are fascinated with this joint and look to use it in their own projects.

"No wasted scraps." "Easy set up". "Eliminate practice cuts". Sounded too good to be true. I have wanted to utilize through dovetails on several projects. As I was considering the various options, I noticed an ad submitted in this month's newsletter for a Leigh dovetail jig. I started doing some research to see if the price was reasonable, and found a website that compared several dovetail jigs. Being somewhat concerned I would be faced with another jig that required more time doing adjustments than it took to assemble the rest of the project, I opted for the good ole "KISS" principle and ordered a Keller Dovetail system from Amazon.

The "system" consists of a heavy duty plastic template with the pattern for pins on one side, and tails on the other. Two router bits were included. I opted to go with 3 pieces of plywood to form the backing board, to allow me the option of easily replacing any pieces that might get chewed up after my (hopefully) many uses. Then, I decided to put their claims to the test.

I looked over the instructions and carefully put together the backing board, and decided to try the approach using my router table. The width of my stock was at the minimum side for the bits that came with the set. I ran the jig with stock attached as instructed. The joints were very loose. Bluntly put – I felt the first pangs of "buyer's remorse"!

I went back and double checked the instructions and tweaked my set up. This time, I decided to use my vise to hold the stock and jig. (See photo). and switched to my hand held PC router and cut the pins. Next step was to scribe where the tails would go. Upon finishing, I put the stock and jig, aligned the tabs of the jig with the scribe marks. I adjusted the bit depth by looking at the scribe marks, and then made the cuts. This time I ran them through and had MUCH better results. The second photo is of those results. (No editing, just as they came out.) If you look carefully, you can see the depth is off just a bit – less than 1/16<sup>th</sup>, but just enough to show. This is something I can handle by adjusting the depth of my router bit, or depending upon the project, sanding.

The drawbacks to the jig are that the size of the dovetails are determined by the jig. You can use them to

create randomly spaced joints, but this is not what it is designed for, and you could probably find a better solution. I am concerned about the bits in as much as they seem to be specially made for the jig. However, they are readily available. (I think some of you could put together a similar one, if given the challenge!) The other the two bits that come with the jig are sized to handle stock 3/8" – 3/4" thick. To work with smaller stock, you need another set of bits. To do box joints, another bit is needed. However, the design of the jig, lets you effectively cut dovetails in boards of any width. It took me less than 3 hours to create the backing board, adjust it, cut my first "unsuccessful" dovetails, and reconfigured to create the ones you see below.

All said, it looks like I might have a winner, giving me what I need - an easy, efficient way to cut through dovetails without a lot of set up time. (At least until I join the rest of you purists and start cutting my dovetails by hand) I think the ease of use, minimal set up time and relatively low cost makes this a good alternative.

I bought my Keller 1500 Journeyman from Amazon.com. Taking advantage of a special offer, I received a credit for \$30 So the \$129 price became \$99. Continuing my "fiscal prudence" I elected to take advantage of their free shipping as well. The unit arrived 3 days after they shipped, beating their estimate of 5 – 9 days, and giving me this month's article subject matter. Maybe this will help someone out there.

See you at the meeting!

*Rick Cornell*



Jig set up



Resulting joint

## Annual Midwest Tool Collectors Association (MWTCA) Meeting

The annual joint Midwest Tool Collectors Association (MWTCA) and Early American Industry Association (EAIA) meeting will be held at Ed Hobbs' Farm in Raleigh on Saturday July 23 2005. As in the past, all TWA members that are not MWTCA and/or EAIA members are invited to attend. Over 250 people attended in 2004.

For those of you who may not be aware, MWTCA is for more than just tool collectors. M-WTCA offers everyone who is interested in antique/traditional hand tools an opportunity to learn more about tools, to buy and sell tools and to interact with others that share this interest.

This year's meeting will begin officially, rain or shine, at 8 AM (some early birds will get here at daybreak) with tool buying/selling/trading. We will have about 45 dealer tables set up under a tent as well as another 30 or so people tailgating under the shade trees. You will be able to find a wide variety of antique and traditional tools for sale at reasonable prices. Coffee, donuts, water and soft drinks will be served.

The program at 10 AM will be by Jim Leamy from Pennsylvania. Jim is a very talented individual that makes planes of both his design and reproductions of originals as well as restoring tools. You can visit his website at <http://www.jimleamyplanes.com/default.htm> for a look at what he makes.

Following the program, there will be a good old catered pig picken (included) with all the fixings.

After lunch, there will be a tool auction open to everyone. There is no buyer's premium. This auction typically has a wide selection of collectable as well as "user grade" antique and traditional tools.

Our policy for guests is to allow them to attend for \$15 for one time to see what goes on and to find out about the benefits of belonging to MWTCA and/or EAIA. If you have attended as a guest before and wish to attend again as a guest you are welcome, however, you will be charged the full meeting cost of \$20.

To ensure we have adequate food, beverages and facilities, we are again requiring pre-registration. Please complete the form below and send it in so it is received by July 18. To get to the farm, take Exit 299 (Lake Wheeler Rd) off of I-40/440 in Raleigh. Go out of town. You will go about 2 miles and cross over Tryon Rd. Continue on Lake Wheeler Rd for ¾ mile then turn left on Inwood Rd. Go ¾ mile and farm is on left. Please park on the road. Ed Hobbs, 4417 Inwood Rd, Raleigh, NC 27603-3315 Tele 828-2754 E-mail hobbsed@portbridge.com

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Return this form with your check made out to MWTCA Area Q to the address above **by July 18. If this is your first time attending, enclose \$15 for each person. If you have been here before, please enclose \$20 for each person.**

Name of TWA member(s) \_\_\_\_\_

TOTAL ENCLOSED: \_\_\_\_\_

**Candid Shots from the May Meeting**  
*-courtesy of Ron Heidenreich*



**June Meeting photos courtesy of Ron Heidenreich -clockwise from upper left: presenter Bruce Wrenn discussing panel cutting jig; demonstrating shelf pin hole jig; Bernie Bogdon showing carving he did for kitchen cabinets; acting President Rick Cornell and lastly, Bruce extolling the virtues of dial calipers.**



## TWA Sponsors

Ashcroft Saws and Tools 876-3223  
3216-G Wellington Ct, Raleigh, NC  
25% off list on blades and 10% off on sharpening

Capitol City Lumber Co. 832-6492  
4216 Beryl Road, Raleigh, NC 1-800-244-6492  
Special prices to TWA members  
<http://www.capitolcitylumber.com/>

Stock Building Company 828-7471  
3000 Yonkers Rd  
Hwy. 64 & Old US 1

Klingspor's Woodworking Shop  
(919) 876-0707  
3141 Capital Blvd. (.9 mile N of Beltline exit 11)  
(10% discount excluding lumber and power tools)  
[www.woodworkingshop.com](http://www.woodworkingshop.com)

Raleigh Hardwood Center 231-6620  
4213 Poole Rd, exit 15 off 440 Raleigh, NC  
(10% discount all non-sale items)  
[www.hardwoodgroup.com](http://www.hardwoodgroup.com)

Raleigh Saw 832-2248  
5805 C Departure, Raleigh, NC 27616  
(10% discounts on all new products)

Yarnell-Hoffer Hardware 942-3500  
145 Rams Plaza, Chapel Hill, NC  
[www.doitbest.com/yh](http://www.doitbest.com/yh)  
10% discount except power tools and sale items

Tarheel Wood Treating Co. 467-9176  
Highway 54, Morrisville, NC  
(Contractors prices on all wood products)  
Show TWA card before order is written

The Hardwood Store 1-888-445-7335  
Gibsonville, NC  
Discount: 10 cents per board foot  
[www.hardwoodstore.com](http://www.hardwoodstore.com)

Woodworker's Supply of NC  
1125 Jay Lane, Graham, NC  
(Wholesale prices)  
store (336) 578-0500  
mail order 1-800-645-9292  
[www.woodworker.com](http://www.woodworker.com)

Professional Tool Manufacturing  
[www.drilldoctor.com](http://www.drilldoctor.com)  
25% Discount for online purchase of any Drill Doctor. Must use coupon code: TWAi  
Contact [wms@protoolmfg.com](mailto:wms@protoolmfg.com) with any questions.

Guy C. Lee Building Materials 362-1444  
900 N. Salem St., Apex, NC

Home Depot does not provide discounts, due to company policy, but they support our Toys For Tots program by providing space and materials. They deserve our support.

### \$Classified Ads\$

Classified ads are free to all current members. Ads will run for two issues. If you would like something listed, please send a note to the editor at: [TriangleWoodworkers@yahoo.com](mailto:TriangleWoodworkers@yahoo.com)

**For Sale:** 10 pair new Fulterer 14.5 inch drawer slides. I am told the Amish use this type of slide in their furniture. \$50.  
Charles Heatherly 859-6995 email [heath7@bellsouth.net](mailto:heath7@bellsouth.net) (8/05)

**For Sale:** One single very flat (not glued up) piece of walnut 26 in x 86 in x 1 inch just waiting for that special project. Ed Hobbs 828-2754. Price is negotiable. (8/05)

**For sale or swap** for other equipment ,wood or cash. This equipment is in excellent condition and well maintained. I have changed my style of woodworking and no longer have a need for the equipment.

Makita Sliding Compound Miter Saw 10" Model S1011 - \$200;

Leigh Dovetail Jig 24" Includes video and Bits - \$200;

Delta Two Stage Dust Collector Drum Style (45 Gallon) ¾ Horse 110 or 220 14.5 amps - \$100

HTC Table saw, Out feed Rollers Model HOS 1040 (Folds down when not in use) - \$100

Ryobi 10" Surface Planner 2 Sets of blades - \$200

Wanted:

Wood 8/4 –plus Hard wood Shaper cutters Lathe 6" Belt/12" Disk Sander 1-1 2/2 hp

Call Doug 919-559-5956 (9/05)

**For Sale:** I am trying to sell my two DW788 Scroll Saws with stands, plans, and assorted materials used in fretwork. I want to sell the entire collection (including both saws) for \$575.00 -negotiable. Penny Smith, Wendell, NC. [swesson1@aol.com](mailto:swesson1@aol.com); H) 919 365-9116, C) 919-630-2000 (9/05)

**Interested in antique/traditional woodworking tools?** To find out about Mid-West Tool Collectors Association, contact Ed Hobbs at 828-2754 or [hobbsed@portbridge.com](mailto:hobbsed@portbridge.com) (99/99)

**TWA**

**Membership Application**

Complete and mail to:

Triangle Woodworkers Association  
P.O. Box 4206  
Cary, North Carolina 27519-4206

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Spouse's name, if joining (fee is \$1.00): \_\_\_\_\_

Skill level:      Beginner [ ]      Intermediate [ ]      Advanced [ ]      Professional [ ]

**New member- email newsletter \$30.00 [ ]**

**New Member – hard copy newsletter \$35.00 [ ]**

**Renewal – email newsletter \$25.00 [ ]**

**Renewal – hard copy newsletter \$30.00 [ ]**

**Check #** \_\_\_\_\_

**Cash** Amount \_\_\_\_\_ (Do not send cash through mail!)

**Privacy Opt-Outs:** Please Do NOT Publish My [ ] Phone Number [ ] Email Address on Membership lists. (Note: This means your phone and email information will be used only for club correspondence by club officers and committee chairman)

**MEMBERSHIP EXPIRED?**

*Check the mailing label, for the expiration date of your membership. If it says EXPIRED, please contact our membership coordinator to renew. You may receive several newsletters past your expiration date and then no more. If you have a question about your membership, please contact Rick Cornell (919-319-9980).*

Triangle Woodworkers Association  
P.O. Box 4206  
Cary, North Carolina 27519-4206