

**Next Meeting:**  
**Computer Aided  
Design (CAD)  
for Woodworkers**

***Tuesday*** January 20<sup>th</sup>, 2008 7:00 PM  
The Woodworking Shop  
3141 Capital Boulevard  
Raleigh, NC

Several members meet at 6:00pm  
Buffalo Brothers Pizza & Wings  
for dinner prior to the meeting

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***Tuesday January 20<sup>th</sup>***  
7:00 PM

**Program:** Computer Aided Design (CAD) for Woodworkers  
**Speaker:** Doug Adams

While most woodworkers enjoy drawing plans by hand, many have embraced the benefits of designing projects on a computer using CAD software. Traditionally, shop drawings, or measured drawings, are two-dimensional and include two or three views, but often a three-dimensional drawing is desirable.

At the Tuesday night program, Doug Adams will discuss the usability and affordability of both 2-dimensional and 3-dimensional CAD software. There will be a review of the requisite knowledge and computer skills as well as basic drafting know-how. Doug will demonstrate the ease of use of one CAD program by producing a completed drawing from start to finish. Doug will also describe the various software programs available and provide information for downloading or purchasing. Some of the programs are free or inexpensive and include tutorials. It is not difficult to produce desirable results in as little as two hours.

We hope to have a projector and screen for this presentation to make it easier to view than on the TVs.

**Host: Mike Reddyhoff**

***Sunday January 25th***  
**WOOD TURNING FOR BEGINNERS**

***Hands on workshop***

This is a follow on of Terry Brown's demo at the October meeting and is intended for turning wannabees - ie. those who intend to acquire a lathe in the near future. Attendance is limited to 10 students and will be extended to include beginning turners to fill the class. The course will be under the tutelage of professor Alan Leland at his Leland Studios and Alan will be working with master turner Terry Brown who has all the answers. We expect that every participant will end the day in possession of a useful item that he/she has made such as a joiner's mallet or tool handle or whatever.

We will start at 9:30 am and continue until about 4:00 pm with breaks for refreshments and lunch. Cost is \$15 per entry and checks should be made to Triangle Woodworkers Assn. and mailed/given to Mike Reddyhoff or any board member.

Your check is your reservation.

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***Tuesday February 17<sup>th</sup>***

**Program:** Choosing the Right Finish for Your Project  
**Speaker:** Max Mahanki of Klingspor's

One of Klingspor's long time staff members Max has amassed a wealth of knowledge from his time spent at Klingspor's and from his own extensive work. Offering us the benefit of his years of experience he plans to take us on a apple to zebra wood tour of finishing.

He'll cover the benefits of finishing wood in general and preparing wood with routine sanding. He'll also cover some of the problem areas of sanding with tips and advice on the selection of the right abrasives for our masterpieces.

He will guide us through the identification and selection of suitable finishes from the vast array of those on the shelves and will educate us in deciphering and understanding the package label descriptions and instructions.

He'll go over the "what have you's", and "why for's" of the various types of finishes, their benefits, and using them. And of course, will wind up the presentation with some time to answer your questions, so bring them on the 17th of February for Max's session.

**Host: Ed Mastin**

## 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: Mike Reddyhoff, (919) 676-9180  
[miker@nc.rr.com](mailto:miker@nc.rr.com)

Vice President: Terry Tenhouse, (919) 545-9862  
[ttenhouse@nc.rr.com](mailto:ttenhouse@nc.rr.com)

Secretary: Bill Anderson, (919) 932-6050  
[willardanderson@bellsouth.net](mailto:willardanderson@bellsouth.net)

Treasurer: Hugh Fish (919) 467-5696  
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Members at Large: Mike Resar, Bob Whitney, Kay Baker

#### Committee Chairman

Program: Terry Tenhouse (919) 545-9862  
[ttenhouse@nc.rr.com](mailto:ttenhouse@nc.rr.com)

Nominating: Mike Reddyhoff, (919) 676-9180  
[miker@nc.rr.com](mailto:miker@nc.rr.com)

Toys for Tots: Fred Ford, (919) 469-9575

Newsletter: Diane Eckard, (919) 764-9266  
[irishrose2365@yahoo.com](mailto:irishrose2365@yahoo.com)

Library: Kay Baker, (919) 696-8504  
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Publicity: *{seeking applicant}*

Facilities: Chet Nedwidek,

Raffle: *{seeking applicant}*

Sponsor: Bill Anderson, (919) 932-6050  
[willardanderson@bellsouth.net](mailto:willardanderson@bellsouth.net)

Hospitality: Kay Baker, (919) 696-8504

Internet: Jim Kroeger, (919) 362-5741

Photographer: Ron Heidenreich, (919) 848-1134

Membership: Tom Ferone (919) 274-3508  
[tferone@nc.rr.com](mailto:tferone@nc.rr.com)

Audiovisual: 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@gmail.com](mailto:trianglewoodworkers@gmail.com)

**Deadline for submitting articles and classified ads for the next newsletter: January 28, 2008**

## By the Numbers

### Treasurer's Report

Beginning Bank Balance:	\$6,576.50
Income:	\$0.00
Expense:	\$378.32
Ending Bank Balance:	\$6,198.18

Note that these figures, as usual, exclude the petty cash fund, as well as the other "slush" funds.

**Submitted by: Hugh Fish**

## Membership

Total Members:	137
New Members:	0

New membership numbers were not available this month, updates will be posted in the next newsletter.

## THE PRESIDENTS CORNER

I'm sorry I missed the December meeting – from all accounts it was well attended with plenty of toys on display and a good Show & Tell section. Everything was of a high standard and we can all feel rightly proud of ourselves. Working in teams on these toys brings members together and apart from the social aspect we all learn something of benefit from each other. Perhaps we should do more collaborative projects and there may be opportunities to pursue this idea in the coming year.



Incidentally, you don't have to wait to be invited to bring something in for Show & Tell – bring anything in any club night and it will certainly be of interest to everyone.

We have a great program planned for 2009 with some excellent workshops and you can read about this elsewhere in the newsletter. At our meeting on January 20 we have our own Doug Adams talking about and demonstrating CAD for woodworkers and I look forward to seeing you all there.

**Mike Reddyhoff: President**

## Minutes from the TWA meeting December 16, 2008

The meeting was called to attention by Terry Tenhouse

Attendance: 48

Visitors: Carl Hopkins, Matthew LNU, Pat Soleta

### Announcements:

- ★ **Fred Ford** -- Tom Hurz, a 30 year member of TWA is recovering from surgery and Fred is circulating a get-well card.
- ★ **Terry Tenhouse** -- There is some confusion about the Woodturning for Beginners workshop scheduled for January. Terry will clarify details about scheduling, etc and contact those members who are currently signed up to participate.
- ★ **Cecil Raynor** -- Cecil is proposing to do a workshop on making a cutoff sled for the tablesaw in April. A show of hands for interest was requested and about 6 members expressed interest. Details to follow.
- ★ **Ed Karolak** -- Ed and his wife are volunteers at the Urban Ministries shelter in Durham. They will take some of the TFT toys made by the club, for distribution to children of the resident families.

### Show and Tell:

\* **Mike Payst** displayed a traditional jointer plane he had constructed in a workshop given by Edwards Mountain Woodworks.

\* **Hugh Fish** displayed a Chippendale style corner chair he had made from sapele wood.

\* **Rick Cornell** displayed piggybanks constructed from antique PO Box hardware.

\* **Bruce**

**Wren** showed a dust collection device that is used on conjunction with a garbage can to collect dust in the workshop. Bruce also displayed one of many high chairs he has made.

\* **Guy Albert** displayed a pepper-mill laminated from four woods (oak, walnut, dogwood and cherry) and turned on the lathe. He also described his construction method.



During the Show and Tell, the club has a special visitor—**SANTA CLAUS!** Santa entertained the membership with some very finely played jazz trumpet interpretations of popular Christmas songs.



### Toys for Tots Program:

Terry introduced Fred Ford, who has hosted the TFT program for many years. Fred introduced the two representatives of the US Marine Corps, Lance Corporals Oliver and Burwell, who were on hand to accept the toys from this years program.

✓ **Bill Anderson** - painted stick ponies. Jim Kroeger, Amy Dowden, Mike Payst and Elia Bizzarri helped to cut out and paint the ponies.

✓ **Wayne Baldwin** - Puzzle blocks.



✓ **Scott Miller** - Scroll sawn mice on wheels, made from oak and from pine.

✓ **Graham Brown** - Bi-planes made from walnut.

✓ **Jim Rhodes** - wooden cranes made from maple and a dark wood of unknown origins.



✓ **John Gribble** - Racecars.

✓ **Terry Tenhouse** - stepstools for children. Jim Kroeger, Jim MacNeil, Mike Payst and Joe Gorman participated.

## ***Toys for Tots 2008 Final Report***

✓ **RJ Felts** - Logging trucks and farm tractors. Made from church pew samples.

✓ **Fred Ford** - The annual Klingspor Woodworking Shop hosted the production of VW race cars. Pete Hodges participated as well as many others.

✓ **Cecil Raynor** - wagons with handles. Mike Reddyhoff, Mike Payst and George Mills participated.

✓ **Jim MacNeil** - race cars. Wayne Baldwin and Pete Hodges participated.

✓ **Alex Knittel** - Locomotives

✓ **Mark Keglars** - pick up trucks. Joe Gorman, Wayne Baldwin, Jim MacNeil, and Mike Reddyhoff participated.

✓ **Diane and Sue Eckard** - The "Girls Workshop" made painted VW race cars this year, as well as painted snails on wheels, and painted Pinocchios. A host of TWA members participated in 2 workshops held by the ladies. Family finished the toys in time for delivery.

**Respectfully submitted for Bill Anderson - secretary**



The year 2008 was a very good year for the TWA Toys for Tots program. It was the 23rd year that the TWA has supported the Marine Corp Reserves Toys for Tots program.

We had an expanded Toys for Tots Committee this year. Mike Reddyhoff coordinated all of the TWA workshops, of which there were at least 14. Scott Miller handled all the club purchased materials for Workshops and individuals needs.

Diane and Sue Eckard, Mark Keglars, Cecil Raynor, Terry Tenhouse, Bill Anderson, Dave Mackie, and the Klingspor Store all open their shops to the club to have very productive workshops.

There were more than forty members that produced 2,096 toys for the children in need. Many of the members attended multiple workshops as well as made toys in their own shops.

Many of the workshop host and individual toy makers presented their work at our September social. The social was entertained by Jeff Mills owner and operator of Mills Custom Sawing. Jeff sheared his knowledge of the sawing business. Adding more interest were members presenting their recent projects.

We concluded our year at the December meeting during which the Marine Corp accepted our contribution of 2,096 toys. The meeting was also a social which included many spouses and a significant show and tell items presented by various members. We even had a visit from a musical Santa Clause playing Jimmy Burns' trumpet.

I can not begin to cover all the efforts put forth in this short report. Please let these examples give testimony to a very successful effort. The real reward and recognition came Christmas morning when children, across the area, were made a little happier because of our efforts.

**Submitted by Fred Ford**



Below you will find a list of the many workshop efforts and the # of toys contributed. Please note the number, although easy to track, does not tell the whole story. Those of us that attended the December meeting can attest that this year's toys were a

<b>WORKSHOPS</b>	<b>DESCRIPTION</b>	<b># OF TOYS</b>
Bill Anderson	Hobby Horses	60
Klingspor: Fred Ford Host	Cars	598
Diane & Sue Eckard	Cars, Snails, and Pinocchio 100% painted or finished	902
<b>Numerous TWA workshops coordinated by Mike Reddyhoff presented by:</b>		
Cecil Raynor	Wagons	50
Joe Gorman	Large Pickup Trucks	200
Terry Tenhouse	Step Stools	24

cut above the average. Most of the toys this year were finished in striking color or wood finish. Many of the toys were in the exceptional category.

**Thanks members you done good!**

<b>Individual workshops</b>		
John Gribble	California Car	23
Jin Rhodes	Crane "class A"	14
RJ Felts	Logging Trucks	10
	Farm Tractors	10
	Carts	10
Scott Miller	Mice	49
Bruce Wrenn	VW's	107
Gram Brown	Air Planes	19
Alex Knittel	Train	20
<b>TOTAL</b>		<b>2,096</b>

## *Item of Interest*

### **Post Office Box Bank Information**

I had several folks express interest in doing something like this, and asked several questions. Here are the responses to the most common:

#### **Where did you get the doors?**

I had two sources - eBay and a lady in Greenville, SC. The most dependable of these is the woman in SC, as you can pretty much order as many or few as you wish. Her name is Jane Ingram, and her contact information is:

E-mail: [janeingram@bellsouth.net](mailto:janeingram@bellsouth.net)

Phone: 864-233-9931

WebSite: <http://hardwickprint.home.mindspring.com/brochurepix1.pdf> - this is the site for ordering HER banks. However, it does display some of the doors she has on hand and has contact information on it. It is best to email her so she can tell you what she has in stock. Seems like doors run \$8-\$10 plus shipping. They are uncleaned. Which leads me to the next question.

#### **How do you clean them?**

Thanks to Jane's sharing of her approach, I used the same. It is to mix a solution of 50% Pepsi/Coke and 50% Amonia. Remove the glass window, and soak the entire door assembly for about 10-15 minutes. Scrub with a soft brass bristled brush. (I found some at Harbor Freight for about \$2.) Repeat as necessary. Most of these will have baked on enamel paint. I ended up leaving it on my doors after spending hours trying to get it off. Rinse the doors in water and let dry. Squirt a little light weight oil in the combination mechanism to make it operate smoothly. WD-40 works well. I used some

of my Boshield and imagine some sewing machine oil would work well, too. After everything dries, spray the door with clear enamel to help prevent future corrosion.

#### **Where do you get the number decals?**

I opted to try and get some of the original style post office decals. Again, you can look for them on eBay, or in my case, I again ordered them from Jane. If you did not care about that particular style, I am sure local craft stores such as AC Moore and Michaels would have them.

#### **Where do you get the brass slots?**

Same story - eBay or Jane. However, I was told of another gentleman, Oscar Hubbert, who provides them as well. His website is: <http://www.postoffice-lockbox-fronts.com/SLOTS.htm> I opted for the plain style, however, there are fancier ones. Oscar lives in Fletcher, NC.

#### **Where did you get the plan?**

The particular plan I got may be found on the web at: [http://pages.suddenlink.net/boccie/Mail\\_Banks.jpg](http://pages.suddenlink.net/boccie/Mail_Banks.jpg) If you want a little more of a challenge, you can get Rockler's free mail truck plan here:

<http://www.rockler.com/logon/downloadableplans/mail-truck-bank-plan.pdf>

**Submitted by: Rick Cornell**



## The New Handtool Woodworking Workshop Schedule For 2009 Is Being Developed!

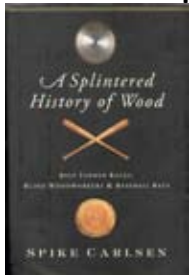
### EDWARDS MOUNTAIN WOODWORKS

*fine handtool woodworking: creating and teaching in wood*

Check out the website for the latest additions:  
<http://www.edwardsmountainwoodworks.com>

Please note: Members of TWA, WGNC, MWTCA and EAIA are eligible for a discount on workshop fees.

#### A Splintered History of Wood



Before Christmas, I was given the opportunity to review a book of short articles about wood and woodworking. Being a reader and a woodworker, I accepted the offer. After all with teaser information about using 50,000 year old wood, belt sander racing, blind woodworkers, chain saw carvers, and the Spruce Goose I didn't see how I could resist!

Admittedly, I was more interested in the "novelty" types of stories, and found those most enjoyable. For example, did you know there is no single pattern for the famous line of Stradivarius violins? How about the "open class" of belt sander racing where essentially any type of drive (belt, blade or wheel) is allowable? Can you just imagine watching a chainsaw, reconfigured for racing, go flying down a track? Ever seen a wood kite? Did you know the Spruce Goose, really wasn't? (Over 95% was made of another wood!).

The chapter titles provide a nice overview of what the book covers: Extraordinary Woods; The Wacky World of Woodworkers; The Tools That Work the Wood; Wood in the World of Music; Wood in the World of Sports; Wood as Shelter; Wood in Day-to-Day Life;

Wood, Weapons and War; Wood by Land, Air, and Sea and Wood in Unusual Uses and Peculiar Places.

As woodworkers, our libraries seem to collect a lot of "how to" and reference books. This is a nice, enjoyable read and with multiple articles within each chapter, it is a nice one to sit down and read over a lunch break or with just a few minutes to spare. The author, Spike Carlsen, is a woodworker and carpenter, having been in the world of wood for more than 30 years. You may recognize his name as the former executive editor of Family Handyman, and from articles he has written for Old House Journal, Fine Homebuilding and Workbench.

If you fooled Santa this year into believing you were good and got a little extra cash or gift card, you could spend it in worse ways than this book. An enjoyable read available for about \$25, though I am sure some careful online shopping might find you a better price.

Submitted by: **Rick Cornell**

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## *Sneak Peek*

### *Meeting Presentations*

**March 2009 -- Skills Demo**

**April or May 2009 -- Roy Underhill -- Welcome program-  
introduction to local woodworkers**

**April or May 2009 -- Cecil Raynor -- Adjustable cross cut  
sled - Features and construction**

**June or July -- Paul Rolfe -Decorative furniture carving**

**June or July -- Intarsia (Marquetry)**

## TWA Sponsors

<p><b>Ashcroft Saws and Tools</b> 876-3223 3216-G Wellington Ct, Raleigh, NC 25% off list on blades and 10% off on sharpening</p>	<p><b>Wurth Wood Group</b> 231-6620 4213 Poole Rd, exit 15 off 440 Raleigh, NC (10% discount all non-sale items) <a href="http://wurthwoodgroup.com">http://wurthwoodgroup.com</a></p>
<p><b>Capitol City Lumber Co.</b> 832-6492 4216 Beryl Road, Raleigh, NC 1-800-244-6492 Special prices to TWA members <a href="http://www.capitolcitylumber.com/">http://www.capitolcitylumber.com/</a></p>	<p><b>Raleigh Saw</b> 832-2248 5805 C Departure, Raleigh, NC 27616 (10% discounts on all new products)</p>
<p><b>The Hardwood Store</b> 1-888-445-7335 Gibsonville, NC Discount: 10 cents per board foot <a href="http://www.hardwoodstore.com">www.hardwoodstore.com</a></p>	<p><b>Stock Building Company</b> 828-7471 3000 Yonkers Rd Hwy. 64 &amp; Old US 1</p>
<p><b>Guy C. Lee Building Materials</b> 362-1444 900 N. Salem St., Apex, NC</p>	<p><b>Tarheel Wood Treating Co.</b> 467-9176 Highway 54, Morrisville, NC  <ul style="list-style-type: none"> <li>▶ Contractors prices on all wood products</li> <li>▶ Show TWA card before order is written</li> </ul> </p>
<p><b>Klingspor's Woodworking Shop</b> (919) 876-0707 3141 Capital Blvd. (.9 mile N of Beltline exit 11) (10% discount excluding lumber and power tools) <a href="http://www.woodworkingshop.com">www.woodworkingshop.com</a></p>	<p><b>Edwards Mountain Woodworks</b> fine handtool woodworking: creating and teaching in wood For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at <a href="mailto:bill@edwardsmountainwoodworks.com">bill@edwardsmountainwoodworks.com</a> or call 919-932-6050, evenings. <i>Tuition discount for club members.</i></p>
<p><b>Nice Figures Studio and Lumber Sales</b> (919)923-1433 1413 New Hope Trace Contact: Paula Labelle Chapel Hill, NC 27516 <a href="mailto:information@nicefigures.com">information@nicefigures.com</a> 10% discount, and contribute to the raffle</p>	<p><b>Woodworker's Supply of NC</b> Store (336) 578-0500 1125 Jay Lane, Graham, NC Mail order 1-800-645-9292 <a href="http://www.woodworker.com">www.woodworker.com</a></p>
<p><b>East Wake Hardwoods &amp; Gallery</b> (919)269-9455 113A West Gannon Avenue Fax:(919)269-7078 Zebulon, NC 27597 <a href="http://eastwakehardwoods.com/">http://eastwakehardwoods.com/</a> 10% Discount to club members</p>	<p><b>Yarnell-Hoffer Hardware</b> 942-3500 145 Rams Plaza, Chapel Hill, NC <a href="http://www.doitbest.com/yh">www.doitbest.com/yh</a> 10% discount except power tools &amp; sale items</p>

## 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@gmail.com](mailto:TriangleWoodworkers@gmail.com)

➤ 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)

**Tuesday** January 20th Caomputer Aided Design.....1  
**Saturday** Jan 25<sup>th</sup> Wood Turning for Beginners (workshop).....1  
**Tuesday** February 17<sup>th</sup> Choosing the Right Finish.....1

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# Attention Members

Regular club meetings  
begin at 7 PM!




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Triangle Woodworkers Association  
PO Box 4206  
Cary, NC 27519