



# South Metro Woodturners Newnan, GA



Chapter 215 of the American Association of Woodturners

<http://www.southmetrowoodturners.org>

August 15, 2017

Editor: Mike Raftis    [mikeraftis@yahoo.com](mailto:mikeraftis@yahoo.com)

## President's Message

Summer is winding down, labor day will have come and gone by the time this gets out. Expecting a good turnout of vendors for the **Art Walk on the Square** and great expectation that in the next newsletter we will be talking about its great success.

A reminder that the **Georgia National Fair** is coming up in October. I forwarded an email of the docent sign up sheet last week. Look it over and sign up for a day or two. I plan to do a day or two myself. If you did not get the signup sheet, let me know and I will get it to you. Also, think about entering that turning you are particularly proud of into the fair competition.

We have some excellent turners in our club. I encourage you to enter.

We had to bow out of the Outdoor Day event in October. We did not have enough interest/volunteers to make it happen. Its disappointing to miss that opportunity, but life goes on. Maybe next year.

I guess the next Club activity has to do with Christmas. Christmas ornaments – snowmen and trees for the children's home and Joey's Toy Box so don't wait to the last minute. Christmas will be on us soon. Ho, Ho, Ho!  
Thanks,  
Wayne

## Meeting Notes

A sign-up sheet was passed for those wishing

to work the club's booth at the **Labor Day Craft Fair**. If you missed your chance to sign up, contact Wayne or John Von.

## Next Meeting

Our next meeting will be **September 19, 2017** at John Beatty's shop. Demonstrator will be: **Glenn Lucas**  
[glennlucaswoodturning.com/](http://glennlucaswoodturning.com/)  
If you have an interest in a particular demonstration topic, or you have a skill or special technique you could share with the club contact **Wayne Morris**. Members will be compensated \$50 for demonstrating.

## Newsletter Contents

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Use the newsletter to communicate with your fellow members. Share your shop photos, 'sale' items, tool tips or anything else you would like to with our club members.

<p>The Wounded Warrior Program project is coming up. More on that soon.</p> <p>John Beaty has obtained new chairs for our meetings, and the old ones</p>	<p>were offered to anyone wanting them.</p> <p>When Roger Hendrickson moved, he left a corded DeWalt recip saw. It will be for sale at the next meeting.</p>	<p>Also coming up is the Georgia National Fair. More information to follow.</p>
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### Members' Work for August



Box Elder vase by **Ron Britton**.



Box Elder bowl by **Ron Britton**.



Walnut platter by **George Daughtry**.



Small cherry vases with glass tube inserts by **George Daughtry**.

Small maple Calabash bowl by **Mike Raftis**.







Natural edge cherry crotch bowl  
by **Mel Salzman**.

## Demonstrator for August: Eric Lofstrom

[ericlofstrom.com](http://ericlofstrom.com)

*"What? No! I'm just analyzing her gait pattern."*



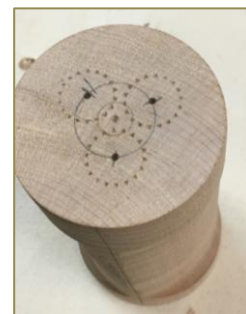
Eric's demonstration was on multi-axis turning. His project for the night was 'Raindrop' turnings. He also had for display some of his 'exhale' boxes. These are boxes on which the top is a very precise fit. If you set the top on the box and release it, it will slowly settle down to the closed position.

In addition to being a woodturner, Eric is a physical education teacher. He gave us a short discussion of the importance of balance in woodturning. When Eric turns the tool is usually held very close, and all of the control comes from his legs. You will see this in some of the videos and photos. He gave us one exercise to develop balance by balancing on one foot.



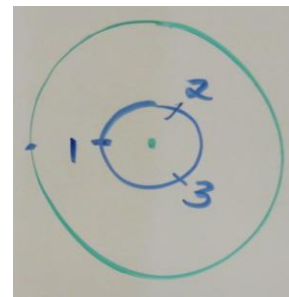
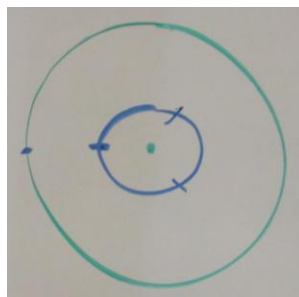
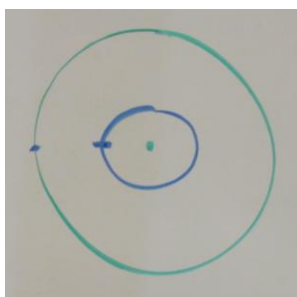
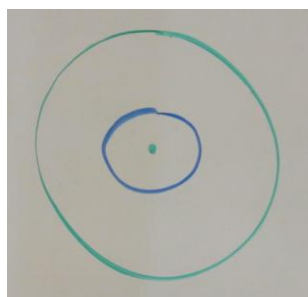
Eric also has a background in wood carving. Carvers become very good at putting scalpel sharp edges on their tools. Eric emphasized that tools directly off the grinder aren't nearly as sharp as they can be, and that a little honing can greatly improve the surface produced by the tool. The surfaces Eric produced were extremely smooth. Most of his work is done with a skew chisel with a bit of a curved face.

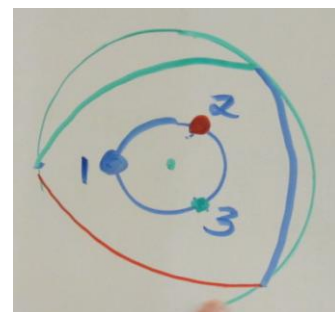
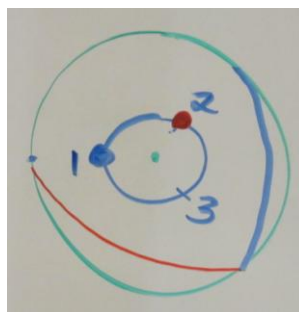
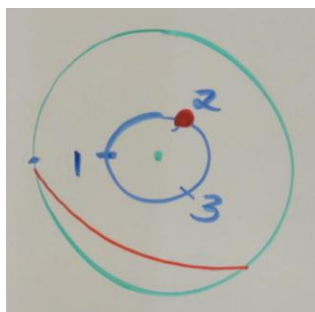
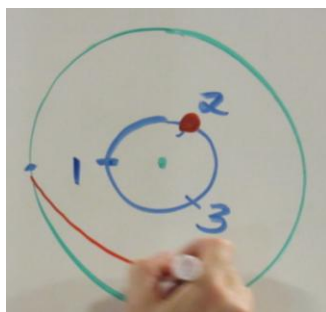
To turn the 'Raindrop' pictured at above, Eric started with a piece of stock about 3" x 8", turned to about a 2-1/2" cylinder. He marked out a center point on each end as well as three additional centers with about a 1" radius. The axes are aligned. All of the turning was done using corresponding centers, i.e., offset center #1 to offset center #1. The diameter of the 'center' ring affects the shape of the raindrop. A small ring will produce a relatively round shape, larger diameters produce a more angular shape. For the tool junkies, note that he uses a Sorby steb drive and a Starrett spring punch.



Eric noted that he usually aligns his work by eye. He believes that it is worth the effort to train yourself to be able to do this.

The photos below show how the basic 'triangle' shape is formed.

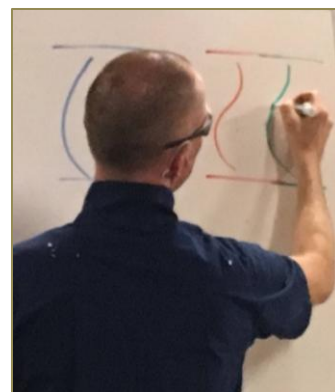




The raindrop shape is formed with three profiles: a bead, an centered ogee, and a second ogee that is either high or low. When turning on a given center you will be cutting on the opposite face of the cylinder. Also note that if the radius of the center points is different on one end of the cylinder than the other, it will give you a bit of a pyramid shape.



Eric uses the skew chisel for his turning, but noted that the spindle gouge can be used as well, and he demonstrated this. The spindle gouge, however, isn't able to get into the deep recesses that the skew can. Also note that this turning sometimes requires a lot of 'overhang' for the tool so you should use a fairly hefty tool. A 3/8" spindle gouge is too light.



To form the tip of the drop Eric twisted the axis.

Bandsaw off the ends. Most of us know that bandsawing round objects can lead to exciting experiences. Sawing a flat on the end portion will supply stability, and do the big end first. (Editor's note: I've had a PFE doing this, so I'm still going to use a handsaw for this part.)



Sanding is done with a disk mounted on the lathe. Use a foam pad that is available at automotive paint stores. The sanding disk is also used to do the final shaping of the tip of the drop.



On the top, carry the curves on through to the tip.

You can add weight inside the base, or use magnets to make the finished pieces a little more stable for display.



Eric dyes his raindrops. His process is to complete your sanding, seal the surface and remove any raised grain. Spray the surface with alcohol (he's using alcohol based dyes), and then spray on the alcohol mix. Recommended to use a thin mixture as it is much easier to darken the final product by applying additional coats than it is to lighten it by removing dye.

Plastic spray bottles are available from U.S. Plastics, hair spray bottles work well, too.

Wet the piece with alcohol before applying the dye. Doing this will allow the color coat to flow down the piece to give a color gradient. This also works when using more than one color to get a blending of the colors.

Always let each coat of dye dry before applying additional coats. The drying can be accelerated with a heat gun or hair dryer.



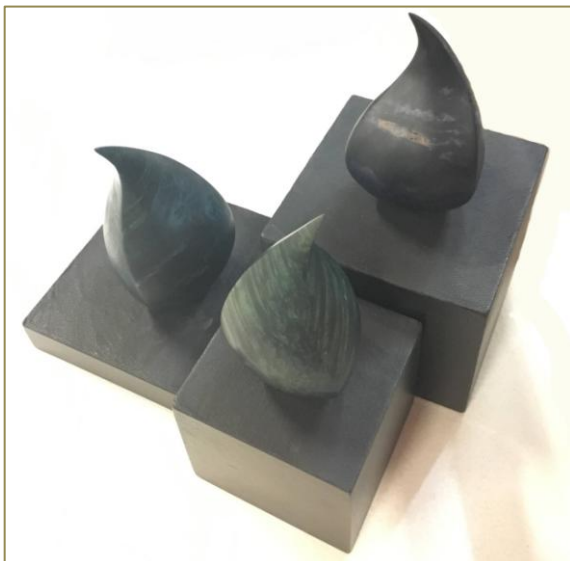
Videos associated with this demonstration:

**Editor's Note:** As of publication for the newsletter I have not yet received authorization from Eric to publish the videos. When we get the authorization, it will be put up on our web site.

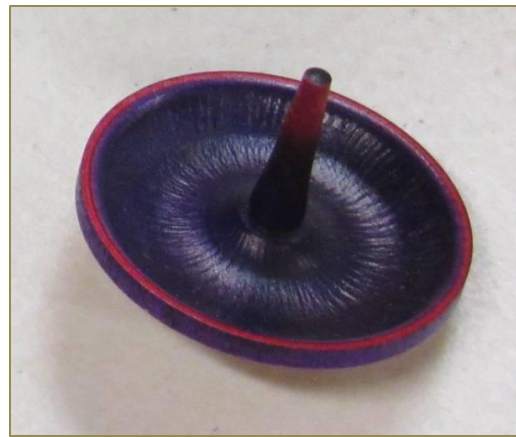
2107: Bringing the block to round  
2109: Offset #1 and #2  
2113: Forming the Bead and Cove  
2115: Refining the Bead and Cove

2123: Refining the Bead and Cove  
2124: Refining the Bead and Cove  
2130: Sanding  
2133: Drying

Here are a couple more pictures of Eric's work.







**SMW DEMONSTRATION LIBRARY**

*If you would like to check out a video, check with Don Heath at a meeting. The videos are stored at the meeting site.*

- #1 February 2005 – Turning a Lidded Box – Frank Bowers
- #2 March 2005 – Use of Turning Tools – Hal Simmons
- #3 May 2005 – Marquette's (miniatures) – Phil Colson
- #4 June 2005 – End Grain Turning – Mark Sillay
- #5 July 2005 – Ebonizing and Metal Leafing – Don Davis and Phil Piotrowski
- #6 October 2005 – Confetti Lamps – Troy Bledsoe
- #7 November 2005 – Partial Tool Control – Nick Cook
- #8 January 2006 – Cutting Segments for Polychromatic Work – Don Russell
- #9 March 2006 – From Log to Bowl – Frank Bowers
- #10 April 2006 – Making Cutting Tools – Using Texturing Tool on Shallow Bowl & Goblet – Joe Getty
- #11 July 2006 – Confetti Light and Pocket Mirror – Mike Hare
- #12 October 2006 – Basic Bowl – Frank Bowers
- #13 February 2007 – Cowboy Hat – Pat Johnson
- #14 May 2007 – Hollow Form – Frank Bowers
- #15 September 2007 – Multi Axis Turning – Don Heath
- #16 October 2007 - Segmented Turning – Don Russell
- #17 May 2008 – Hollowing From the Bottom – Wes Jones
- #18 June 2008 – Texture and Spiral – Frank Bowers
- #19 July 2008 -- Triangle Winged Bowl / Offset Bottom Bowl – Bruce Bell
- #20 August 2008 – Lidded Box – Dan Tull
- #21 September 2008 – Platters – Fred Morris
- #22 June 2009 – Platter with Chatter Tool – Joe Gettys
- #23 July 2009 – Dyes and Glazes – Matthew Hill
- #24 August 2009 – Cremation Urns – Clark McMillan
- #25 September 2009 – Beehive Box – Rebecca Quattlebaum
- #26 October 2009 – Square Bowl – Jack Morse
- #27 November 2009 – Natural Edge Burl Vase – Mark Sillay
- #28 January 2010 – Skew – Alan Lacer
- #29 February 2010 – Sphere – Marty Libman
- #30 May 2010 – Vase from Log Section – Rudy Lopez
- #31 June 2010 – Pens – Robert Johnson
- #32 September 2010 – Lathes, Tools, & Projects – Nick Cook
- #33 October 2010 – Different Ways to Look at Wood – Gary Gardner
- #34 November 2010 – Banksia Pod Teapost – David Datweiler
- #35 February 2011 – Router – Cliff Lownesbury
- #36 March 2011 – Pyrography and Turning a Bowl – Mike and Cynthia Gibson
- #37 April 2011 – Offset Turning – Frank Penta
- #38 May 2011 – Winged Box – Jimmy Clewes
- #39 June 2011 – Poly Resin – Rich Aldrich
- #40 July 2011 – Scrap Wood Boxes – Mark St. Leger
- #41 September 2011 – Hollow Form Inserts, Natural Edge Bowl – 2 out of 3 Amigos
- #47 October 2011 – Beall Buff – Wes Jones
- #48 January 2012 – Blockwork Candles – Alan Leland

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- #49 March 2012 – Hollow Form – Frank Bowers
- #50 April 2012 – Small Hollow Form – Joe Gettys
- #51 May 2012 – Small Bowls with Metal Leaf – Leon Thomas
- #52 June 2012 – Unique Methods for Bowls – Turk Alliston
- #53 July 2012 – Spindle Turning – Ashley Harwood
- #54 August 2012 – Canes – Jeff Roberts
- #55 September 2012 – Coloring Techniques – Bradley McAllister
- #56 October 2012 – Fundamentals – Ed Lewis
- #57 November 2012 – Coloring Techniques – Steve Prichard
- #58 January 2015 – Tool Control – Mark Sillay
- #59 March 2015 – Bowls with Carved Feet – Richard Morris
- #60 May 2015 – Projects – Robert Lyons
- #61 June 2015 – Long Stem Goblet – Jim Creel
- #63 August 2015 – Hollow Form – John Jordan
- #64 September 2015 – Lidded Box / Natural Edge Bowl – Frank Bowers
- #65 September 2015 – Wall Art / Platter – Nick Agar
- #66 October 2015 – Basket Illusion – Harvey Meyer
- #67 November 2015 – Cold Bend Hardwood – Tania Radda
- #68 February 2016 – Purse Box – Walt Wager
- #69 March 2016 – Offset Turning – Barbara Dill



## Woodturning Resources

### -Tools and Supplies-

#### [Bear Tooth Wood](#)

Specialty pen kits

#### [Best Wood Tools](#)

Specialized Woodturning Tools

Craft Supply

Woodturning Supplies

#### [Craft ID](#)

Signature Medallions

#### [Earth's Watch](#)

Wooden jewelry and watches

#### [Franck Johannesen](#)

Woodturning

#### [Geiger's Solutions](#)

Robust lathes and accessories

#### [Hartville Tool](#)

15% discount for GAW members

#### [Highland Woodworking](#)

Woodworking tools and supplies

#### [Hunter Tool Systems](#)

Carbide woodturning tools

#### [Hut Products](#)

Woodworking tools and supplies

#### [John Jordan Woodturning](#)

Woodworking tools and more

#### [JT Turning Tools](#)

Woodworking tools and accessories

#### [Klingspoor](#)

Abrasives and woodturning supplies

#### [Lyle Jamieson Tools](#)

Hollowing tools

#### [One Way Manufacturing](#)

Lathes and accessories

#### [Packard](#)

Woodturning supplies

#### [Peachtree Woodworking Supply](#)

Turning and carving tools, supplies

#### [Penn State](#)

Woodworking tools and supplies

#### [Rockler](#)

Woodworking and Hardware

#### [Ron Brown's Best](#)

Woodturning tools and Videos

#### [Sanding Glove](#)

Abrasives and sanding equipment

#### [SS Niles Bottle Stoppers](#)

Stainless steel bottle stoppers

#### [Thompson Lathe Tools](#)

High quality steel woodturning tools

#### [Vinces WoodNWonders](#)

Sanding products

#### [Woodcraft of Atlanta](#)

Woodworking and hardware

#### [Woodturners Wonders](#)

Lathe lamps and CBN wheels

#### [Woodturningz](#)

Pen kits and woodturning supplies

### -Magazines-

#### [More Woodturning](#)

Online woodturning magazine

#### [Wood Magazine Forum](#)

Q&A on woodturning

### -Websites-

#### [Woodturning Videos](#)

Excellent woodturning videos

#### [Woodturning](#)

Woodworker's Institute

### -Wood Sources-

#### [Australian Burls](#)

Burls from Australia

#### [Bell Forest](#)

Figured and exotic woods

#### [Big Monk Lumber](#)

Exotic woods

#### **Hartville Tool Discount Program**

The Hartville Tool discount program, which is available to GAW members, offers club members a 15% discount on thousands of woodworking items (some restrictions apply). If you haven't already signed up, and you wish to participate in this program, you may sign up by sending your name, address, and email to [gawoodturners@gawoodturner.org](mailto:gawoodturners@gawoodturner.org) and state that you wish to be added to the Hartville list.

### **Members Items For Sale or Needed**

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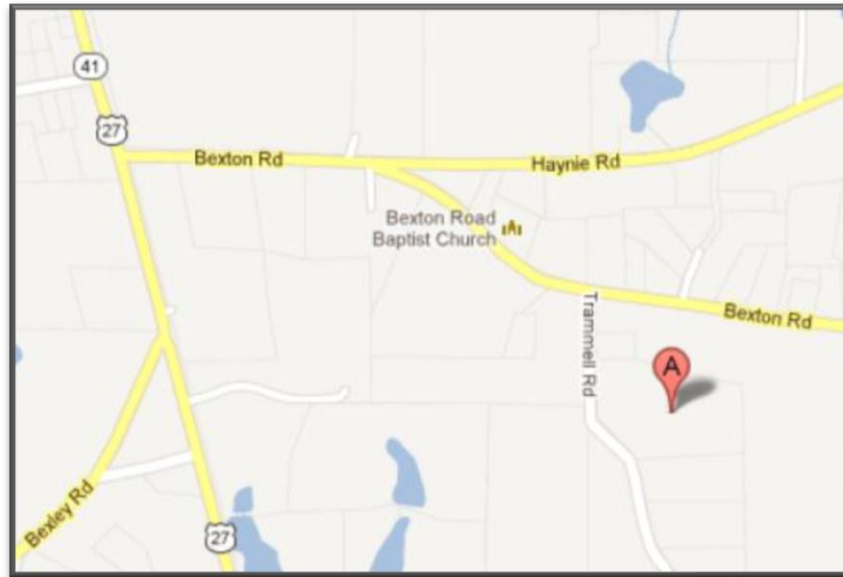
If you have any items you wish to sell within the club, send the information to the newsletter editor ([mikeraftis@yahoo.com](mailto:mikeraftis@yahoo.com)) and I will insert the item in the next issue.

The following items are for sale via James McEachern. A table saw, a radial arm saw, drill press, and a lathe. Asking price is \$300 for the lot. Contact James at 404-598-9941 or 770-301-3484 for more details.

**John Beatty's Shop** is our current meeting place. John's address is:

104 Trammell Rd.,  
Moreland, GA  
Phone 770 -328-0883

Lots of parking is available, but please leave the spaces nearest the shop for those with mobility issues. Be courteous and considerate. Please don't tease the dogs.



### South Metro Woodturners Officers for 2015

<b>President</b>	Wayne Morris	770-331-5863	jwayno40@gmail.com
<b>Vice President</b>	Lamar Smith	770-253-3060	grandman@numail.org
<b>Treasurer</b>	Don Heath	678-410-7219	md4heath@bellsouth.net
<b>Secretary</b>	Mike Raftis	770-598-3552	<a href="mailto:mikeraftis@yahoo.com">mikeraftis@yahoo.com</a>
<b>Past President</b>	Roger Hendrickson	404-418-6255	rogerh845@charter.net
<b>Program Comm.</b>	Wayne Morris	404-418-6255	jwayno40@gmail.com
<b>Member Rep.</b>	John Von Eschenbach	404-702-8739	johnvone@bellsouth.net
<b>Newsletter Ed.</b>	Mike Raftis	770-598-3552	<a href="mailto:mikeraftis@yahoo.com">mikeraftis@yahoo.com</a>



## Woodturning Links

*Ctrl-click on the underlined link to go to the web site.*

### Woodturning/Woodworking Associations and Clubs

[American Association of Woodturners](#)

[Apple Ridge Woodturners](#)

[Barnesville Woodturners](#)

[Bi-City Woodturners](#)

[Georgia Association of Woodturners](#)

[Gwinnett Woodworkers Association](#)

**Low Country Turners**

- Tom Gattis - 912-898-5970

**Mountain Laurel Woodturners**

- John Moss 706-754-5679

[Peach State Woodturners](#)

[South Metro Woodturners](#)

[Woodworkers Guild of Georgia](#)

### Supplies and Information

[Craft Supply](#)

Woodturning Supplies

800-551-8876

[Don Geiger](#)

Wheel Truing & Dressing System

[Got Wood?](#)

Wood Turning Supplies

[Hardwoods Incorporated](#)

Specialty Hardwoods

800-964-7804

[Highland Woodworking](#)

Woodworking tools, supplies

800-241-6748

[Hut Products](#)

800-547-5461

[Klingspor](#)

800-228-0000

[Lee Tree Woodworks](#)

8411 Tatum Rd, Palmetto, GA 30268

Exotic wood Source

678-378-0963

[Packard](#)

800-683-8876

[Penn State](#)

800-377-7297

[Rockler](#)

Woodworking and Hardware

800-279-4441

[Woodcraft](#)

800-225-1153

[Wood Magazine Forum](#)

Q & A on Woodturning

[South Florida Woodworking Guild](#)

[The Woodyard](#)

Lumber, sheet goods, turning stock

122 Main Street, Concord, GA

770-468-8588

## 2017 Demonstrators and Meeting Programs

January:	Mike Sorge	February:	Wayne Morris
March:	Frank Bowers	April:	Jamie Donaldson
May:	Dick Gerard	June:	Chain Saw Demo
July:	James McClure	August:	Ed Loftstrom
September:	Glenn Lucas	October:	Toni Ransfield
November:	TBD	December:	<b>Christmas Party</b>

Specific projects for each demonstrator will be announced.

## Woodturning Schools and Classes

### John C. Campbell Folk School

800-FOLK SCH, Brasstown, NC

### Arrowmont School of Arts & Crafts

865-436-5860  
Gatlinburg, TN

### Highland Woodworking

800-241-6748  
Atlanta, GA

### Appalachian Center for Crafts

931-372-3051

### Dogwood Institute School of Fine Woodworking

770-751-9571

### Woodcraft

800-225-1153  
Roswell, GA

## Private Instruction

The following local turners give private woodturning instruction in their own shops. Contact them for more information.

### **Frank Bowers**

fcbowrs@aol.com  
404-292-1107

### Nick Cook

nickcook@earthlink.net  
770-421-1212

### **Peggy Schmid**

schmidgodfrey@bellsouth.net  
678-947-4562

### **Mark Sillay**

marksillay@me.com  
404-556-1736

### **Phil Colson**

pcolson@mindspring.com  
404-518-4925  
404-292-1107

### **Wes Jones**

wwjones@comcast.net  
770 972-6803

## Safe Use of the Woodturning Lathe

By Paul Hannaby

While turning wood, you are unavoidably in close proximity to a rotating machine attached to a piece of wood. This poses a number of hazards, but these can be minimized with a common sense approach.

- Make sure the wood is securely held for the task in hand.
- Never leave a chuck key in the chuck. If the lathe starts up it becomes a missile!
- If your lathe has forward and reverse, make sure the chuck, faceplate etc. is secured with a locking screw to prevent it from unscrewing if you use the lathe in reverse for sanding.
- Check your speed - When you mount a fresh piece of wood on the lathe, make sure the lathe speed is slow enough so the lathe won't vibrate dangerously.
- Position the tool rest close enough to the workpiece to provide adequate support.
- Before you turn on, rotate the workpiece by hand to ensure it does not catch on the tool rest.
- Don't balance tools on your lathe that might fall off and injure you. Keep them in a rack and use just the one in your hand.
- Keep your fingers away from the rotating wood and don't hang your fingers over the tool rest.
- Wherever possible, don't stand directly in line with the rotating wood so if it comes loose, or if part of it breaks off, you aren't in the firing line. As a minimum, stand out of the way when you first start the lathe and bring it up to working speed.
- If you are turning pieces of wood with glue joints, ensure the joint is secure and use a lower lathe speed as a precaution.
- If you use cyanoacrylate (CA) glue, commonly known as "superglue," for crack / gap filling, make sure the glue is dry before turning the lathe on. Sometimes a surface skin can form but the glue beneath can still be liquid. Once it sticks to your visor, it is virtually impossible to remove cleanly. You were wearing a visor - weren't you?
- When sanding, don't wrap the abrasive around your fingers and use with your fingers trailing the direction of rotation.
- Never use woven cloth rags for polishing on the lathe. There are safety cloths available, which are made from unwoven paper. These are designed to allow tearing if the cloth should catch.
- For more Safety info from Paul Hannaby, see the [Wood Turning On-line](#) web site

### Safe Lathe Speeds

Dia.	RPM Range
1	6000 - 9000
2	3000 - 4500
3	2000 - 3000
4	1500 - 2250
5	1200 - 1800
6	1000 - 1500
7	857 - 1286
8	750 - 1125
9	667 - 1000
10	600 - 900
11	545 - 818
12	500 - 750
13	462 - 692
14	429 - 643
15	400 - 600
16	375 - 563
17	353 - 529
18	333 - 500
19	316 - 474
20	300 - 450