



Space Coast Woodturners

Minutes/Newsletter of Space Coast Woodturners – August 10, 2016

Submitted by Randy Hardy – Secretary

Just a reminder – the meetings are held on the **second Wednesday** of the month from 7:00 – 9:00 PM and the hands-on sessions are held on the **third Saturday** of the month from 9:00 AM – Noon at Melbourne Village. Doors will be open at around 8:00 AM so come early and help set up. We always need extra help with the lathes, etc.

President Russ Bremmer opened the meeting at 7:02 PM. He welcomed everyone and asked if there were any visitors. There was 1 – Dave Lax.

Vice President – Terry Justice

Randy Hardy will demonstrate inside out turning tonight. Bob Wiburn had some medical issues. The current schedule of demonstrations is:

Month	Presenter	Topic
September	Bob Winborn	Christmas ornaments
October	Ron Browning	
November	Chris Diesch	Fractal Woodburning
May, 2017	Jimmy Clewes	

Treasurer – Harvey Driver: The club had no activity and has \$xxx in its account.

Secretary – Randy Hardy: There is a Segmented Woodturning Symposium with Malcom Tibbets and others in Boston at the end of October (2016). See me if you want more details.

Librarian – Bob Cusumano: Coming soon – DVDs from the Woodturning Symposium (Thanks, Rick!).

Supplies – Jim Donovan: Jim has ~\$450 toward the next club order.

Name tags - Chuck Billings: He has a name tag for Ed Fitzgerald. If you are missing your name tag, see Chuck. A couple of members have lost the magnetic back of the name tag – if you have lost this part, check your dryer (and washing machine). Sometimes the magnet sticks to the drum (or tub).

Old Business:

Wynn Arnold said that Phil Axtell (one of the founding members of the Spacecoast Woodturning Club) is not doing well (stage 4 or stage 5). We 'll send out an email.

New Business:

Hands on for this month (8/20/2016) from 9 A.M. to noon - come early to help set up and stay late to help clean up. Nothing planned for this month and Terry Justice will be out. Russ Bremmer will bring a bowl to turn. Bring your own safety equipment and tools. Next month's hands on (9/17/2016) – nothing specific planned, but if there is something you want to do, see Russ. It's almost the season, so we'll start doing Christmas ornaments.

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For Sale:

Bob Haarer (president of the Treasure Coast Woodturners) has a brand new Grizzly 2242 with lift, lock, and roll wheels. They lost their facility that had 220v power and are offering to sell for \$2,000 or best offer. It's valued at \$1,575, shipping is \$150. They'll deliver it (within a 100 mile radius).

Colonel (Jim Donovan) has sink cutouts. They make great faceplates. See him if you want one and make a donation to the club.

Show and Tell:

Jim Goodman	Low silhouette bottle stopper out of birdseye maple and a mahogany insert with a neoprene stopper.
Scott Barnard	Woodburning embellishments on a maple pepper mill
Gary Christensen	2 Christmas ornaments – big leaf maple burl and fake segmented using walnut veneer
Randy Hardy	Norfolk Island Pine sphere – to paraphrase FDR, “the only thing to sphere is sphere itself.”
Julian Pharis	Rose engine box – it is the bring back
Paul McDaniel	Pen & pencil from a bowling ball

Harvey Driver showed a vacuum chuck system (Holdfast System from Craft Supply) for \$247.95 less our discount of 13%.

Auction:

Box #1 of pen paraphernalia	\$xx	Paul McDaniel
Box #2 of pen paraphernalia	\$xx	Paul McDaniel

Demonstration – Inside-Out (or split) Turning Randy Hardy (with a major assist from Russ Bremmer)

Randy showed the candlestick that was the project for the night. It was an inside out turning made of 4 square pieces (each one 1" x 1" x 9") cut from a single piece of 4" x 4" x 9" Western Red Cedar so the grain would match. The bottom was filled with BBs to add some weight to the bottom. He put his smock on inside out and stressed the importance of wearing your clothes inside out when doing inside out turning (not really). He sat in a chair for turning, because he has Multiple Sclerosis (MS) and it's difficult to stand for long periods. Whenever you find an obstacle, find a way to compensate. Since the pieces are temporarily glued together, there is a good chance they could come apart on the lathe. A face shield is a good idea. Randy wore safety glasses for the demo. Dust protection is another good idea – he showed a Dust-B-Gone mask as well as a dirt biker mask to filter out the small particles of dust.

The four square sticks were temporarily glued together with CA glue and bound with several rounds of tape.. There are several options for this temporary glue joint: wood glue outside the boundaries of the piece (and then cut the piece to size when you want the pieces to come apart), 2-sided tape, and newspaper (or thick brown paper) joints. CA glue was used for the demo, because it dries quickly. It's important to number the pieces and mark the inside and outside of each "stick" so they can be reassembled in the right configuration. Assemble the piece as you want it in the final stage, mark the outside faces of the wood with diagonal marks to make it easier for the final alignment, and label the ends with the order of the pieces (in this case, 1-4), mark the inside and outside of each "stick", and the top or bottom. Keeping the sticks in order, rotate each piece 180 degrees and temporarily glue these pieces together. Mount it on the lathe and turn the inside portion. Sand and finish this inside because you won't have access to it later. Remove it from the lathe and use a wood chisel and mallet to break the temporary glue joint. Take the 4 pieces and reassemble them according to the labels on the end, so the marks on an outside surface align. Permanently glue the pieces together with wood glue, being careful not to get any glue squeeze out on the inside portion of the turning. Let the glue cure overnight.

To turn the outside, mount the block on the lathe with a spur drive. Turn a "spigot" on the top of the piece to fit your scroll chuck and re-mount the work. He had a template made of masonite that had the largest diameter of his scroll chuck and the smallest, so the tenon would fit. Drill a 7/8" hole 1-1/2" deep in the bottom of the workpiece. Thread this hole with the Beall Spindle Tap and mount it on the headstock of the lathe. There are other options to using this method, but this was the technique selected. Drill a 3/4" hole 1" deep on the top of your workpiece to accept the candle. Turn the candlestick – use a parting tool to apply the "rule of thirds" dimensions. The base is 2-1/4" (18/8"), the middle (6" from the bottom) is 3/4"(6/8"), and the top is 1-1/2" (12/8"). Turn the piece, sand it, and apply the finish. Fill the bottom hole (where the Beall Spindle Tap was) with BBs and glue them in with either CA glue or epoxy. Allow the glue to cure, Insert the candle and you're done!

This project used four pieces for the inside out turning, but any number of pieces could be used. Refer to some You Tube videos (like "Inside Out Turning by Dewayne Colwell") or read some AAW articles (like "Multisided Inside-Out Turning") to explore other options for 2, 3, 4, 6, 8 or more sides. See the references.

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AAW Articles – Inside out (split) Turning		
Title	Issue	Page
Assembly tip	22.1	68
Turning Diamonds	25.1	27-37
Calculating Board Size for Diamond Turning	25.1	37
Bottle Up the Holiday Spirit	20.4	54-59
A Chuck for Inside Out Turning	7.1	30
Fancy Cake Slicer	26.2	47-49
Multisided Inside-Out Turning	26.1	33-38
Turn Your Christmas “Inside Out”	6.3	2-5
Photo	6.3 (back cover)	
Tree Ornament	4.1	14
Turning Six Diamonds	27.6	36-44
The “Compleat” Woodturner	25.1	38-43

You Tube Videos – Inside Out (Split) Turning	
Title	Link
Inside-Out Vase Woodturning	https://www.youtube.com/watch?v=sQnMFQKeWas
Wood Turning Inside Out (1)	https://www.youtube.com/watch?v=7ffP23ddTZk
Wood Turning Inside Out (2)	https://www.youtube.com/watch?v=5970ibpH7ag
Wood Turning Inside Out (3)	https://www.youtube.com/watch?v=jSj43UgK-YI
Ornament, inside out turning	https://www.youtube.com/watch?v=weW5l_pknHQ
Inside Out Turning by Dewayne Colwell	https://www.youtube.com/watch?v=F68Sp9dFALs

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Raffle:

Gift Certificate	Scott Barnard (?)
Gift Certificate	(?)
Bowl Blank	Paul McDaniel
Florida Rosewood	Randy Hardy
Gift Certificate	(?)
Florida Rosewood	Julian Pharis
Free DVD Rental	Randy Hardy
Bring back item (from Julian Pharis)	Read Johnson
Share the wealth (from Wynn Arnold)	Scott Barnard (?)

The next meeting is September 14, 2016 at 7:00 PM.

SPACE COAST WOODTURNERS

The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects

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