

Southwest Idaho Woodturners Association

*The Treasure Valley Woodturner's club
Meets monthly on the 2nd Tuesday at 6:30 PM
At the Woodcraft store in Boise ID.
7005 W. Overland Rd
Boise ID.*



<http://www.swiwt.org>

Nov 2023

Club Officers

President: Scott Taylor
Vice President: Sid Bright
Sec/Treasurer: Tom Turco
Advisory Board Members:
 Annette Cavalieri
 Connis Wilson
 Pat White
 Ralph Cavalieri
 Susan McCoy

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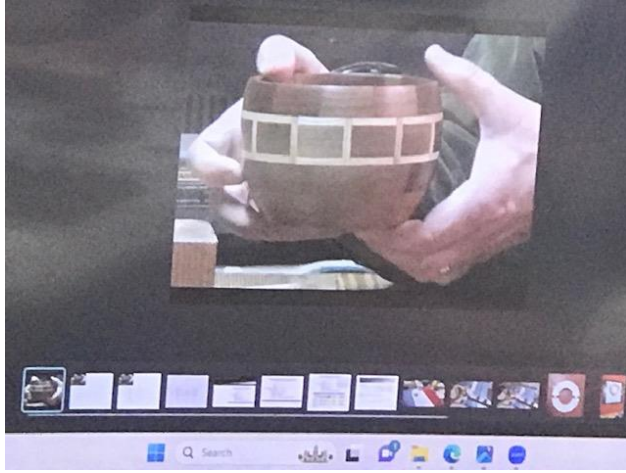
Demonstration



Pat White shared the basics of segmented turning.

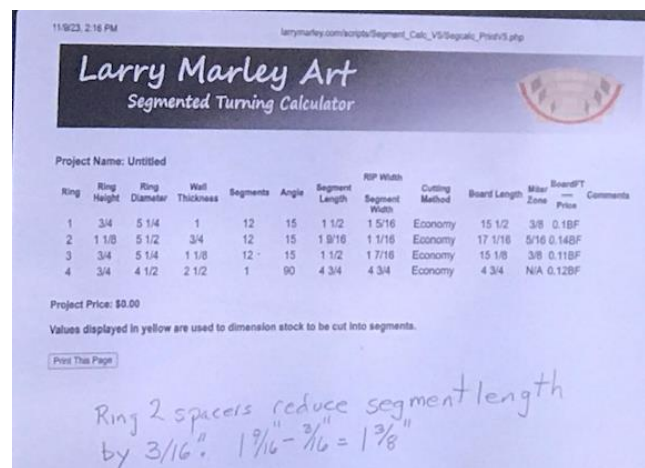
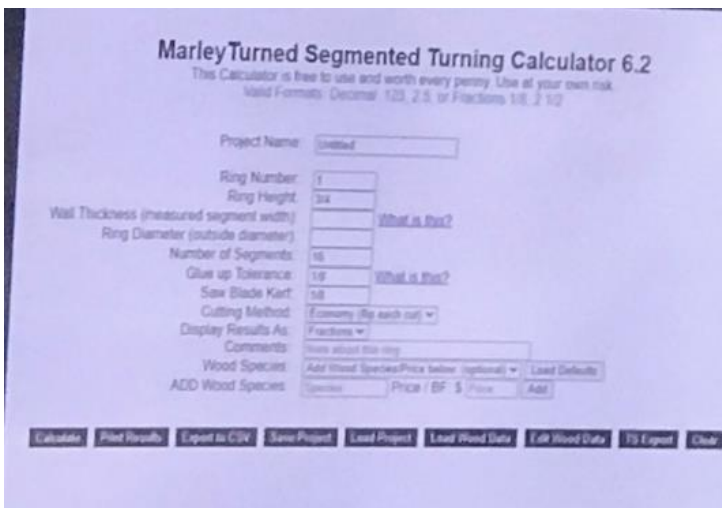
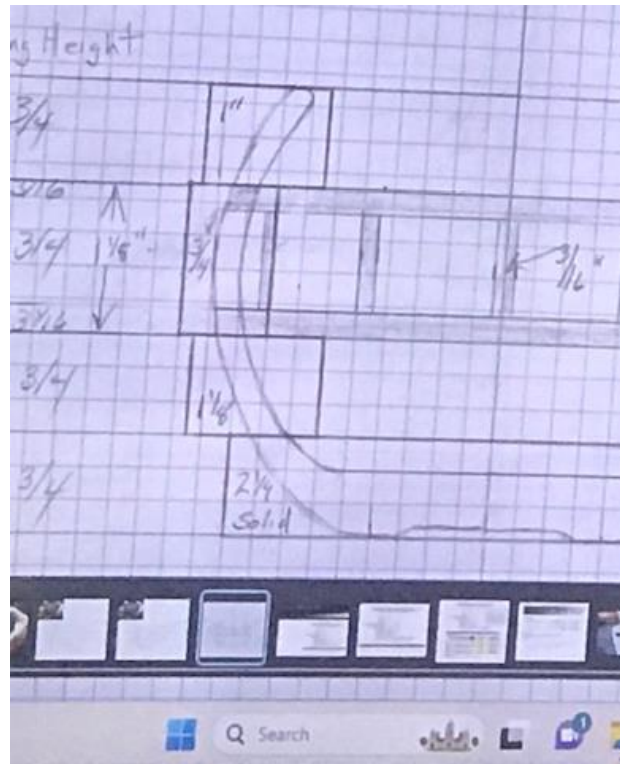
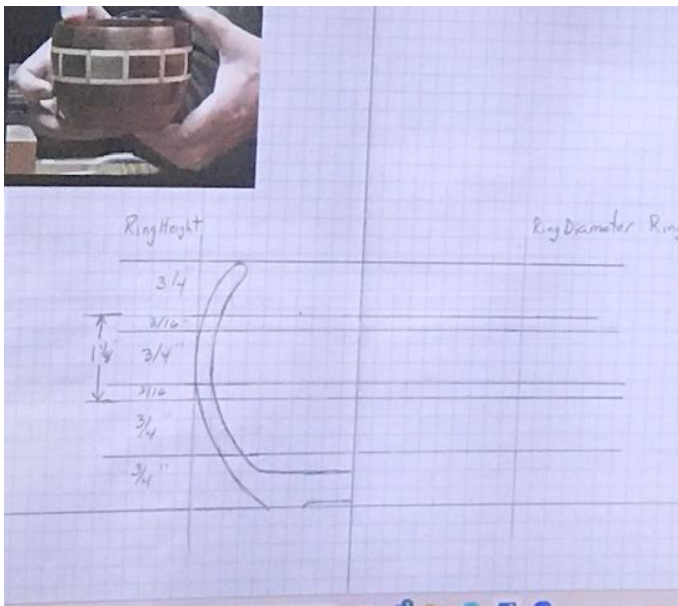


Some of the items Pat uses in making segmented turnings



This is the project that Pat demonstrated making.

Start with the drawing and then move to the pieces that make up item.



Pat uses Marley Turned Segmented Turning Calculator in the design and to tell him the size of the various pieces.

https://www.marleyturned.com/scripts/Segment_Calc_V5/SegcalcV5.php

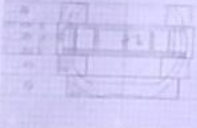
It will produce a specific cut list that Pat prints out and takes into the shop

https://www.marleyturned.com/scripts/Segment_Calc_V5/SegcalcV5.php

MarleyTurned Segmented Turning Calculator 6.2

This Calculator is free to use and worth every penny. Use at your own risk.
Valid Formats: Decimal: 1.25, 2.5, or Fractions: 1/8, 2 1/2

Project Name: Untitled
Ring Number: 1
Ring Height: 3/4
Wall Thickness (measured segment width): 1
Ring Diameter (outside diameter): 5 1/4
Number of Segments: 12
Glue up Tolerance: 1/8
Saw Blade Kerf: 1/8
Cutting Method: Economy (rip each cut)
Display Results As: Fractions
Wood Species: Add Wood Species/Price below (optional)
ADD Wood Species: Species Price / BF \$ Add



Calculate Print Results Export to CSV Save Project Load Project Load Wood Data Edit Wood Data TS Export Clear

Project Name: Untitled

	Ring	Ring Height	Ring Dia.	Wall Thickness	Segs	Angle	Join Width	Join Depth	Cutting Method	Board Length	Waste	Price	Comments
Delete E.B.	1	3/4	5 1/4	1	12	15	1 1/2	1 5/16	Economy	15 1/2	3/8	0.10F	
Delete E.B.	2	1 1/8	5 1/2	3/4	12	15	1 5/16	1 1/16	Economy	17 1/16	5/16	0.140F	
Delete E.B.	3	3/4	5 1/4	1 1/8	12	15	1 1/2	1 7/16	Economy	15 1/8	3/8	0.110F	
Delete E.B.	4	3/4	4 1/2	2 1/2	1	90	4 3/4	4 3/4	Economy	4 3/4	N/A	0.130F	

This is what the cut list looks like. Pat states that you always want to make your boards about 3 inches longer that is on the cut list so you have something to hang onto when you make the final cut

A wedge sled used to cut the pieces.

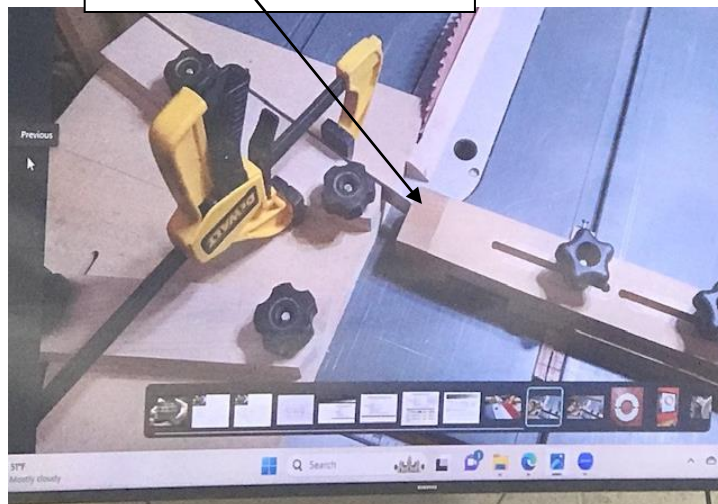
A wedge sled angle Pat uses to set the wedge sled angle. The stop he uses on the saw.



Setting the distance on the saw using a metal rule



Transferring the distance to the stop





Cutting the segment. Note the Squiggle line on top and the line on the side for orientation when putting the pieces together. Pat also numbers to segments so he can assemble them in the correct order. He uses a clamp to hold the piece tight to the sled to help eliminate any error in cutting. Segmented work is about patience and precision.



Pat then puts the pieces together using hose clamps and Tight bond III because of its open time. He glues it up with wax paper under it so he can move it around. He pounds it flat with a hammer. Then sands it smooth. He is now using a press to flatten the pieces.



He uses short popsicle stick segments to hold the levels in place, so they do not slide around when he has them in his press. The popsicle stick pieces are hot glued to layers.



Thank you, Pat, for sharing your knowledge with us. If you are a member, you can watch the video of the demonstration behind the Members Only link.

Show and Tell



Steve Moreno examples of rings he wants to glue up. He had his questions answered tonight.



Natural Edge Black walnut bowl finished in wipe on poly by Peter Remmen. He said he busted his knuckles on this many times.



John Lee chess set Black Walnut, Silver leaf Maple and Elm. Finished with his 3-way finish. He also showed us the "jigs" he uses to hold the pieces when turning the bottoms.





Natural edge maple bowl by Craig Hardin finished in stain Lacquer.



Reverse Chucked Ash bowl with pink spalting by Craig Hardin finished in stain Lacquer.



Christmas Ornament in maple by Craig Hardin finished in stain Lacquer.



Natural edge ash bowl by Craig Hardin finished in stain Lacquer.



Cedar Goblet in clear wax
by Ron Huff



Pod lets from ash with no
finish Ron Huff



Russian Olive walking
stick head with no finish
by Ron Huff



Two bowls ½ finished by Bill Nowlin – said it
was a pretty scary project to turn.



The start of a cake holder by Bill
Nowlin



Christmas Party and Gift Exchange

Save the date – December 9 from 12-3 More Information to follow



Monte was not available.



Craig Hardin



Check under the Resources Tab for directions for making Wig Stands. If you notice the ones below have an area around the base for hair pins. Include that as part of your design for the ladies.



Susan has made contact with a group that is very excited about our group providing wig stands. They can use all that we can make for them at this point. The picture below is Susan giving these two stands to the group. See design details under the **Resources tab** for the website.

