



WOODTURNERS OF ST. LOUIS

A Chapter of the American Association of Woodturners

stlturners.org

October 2014

October Demo > Jim Adkins – Turning Native American Baskets●



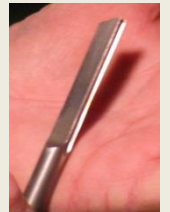
Jim was employed as an illustrator in the Graphic Arts Department for McDonnell Aircraft for 12 years, then started his own business designing and building roof trusses. Around 1986 he started turning wood and around 2004 he was inspired by Native American pottery pictures in a magazine. Jim spent several sleepless nights trying to figure out how to replicate the patterns in wood and over the years has refined the process to creating very realistic platters and vessels.



Jim chose a Navaho wedding basket pattern for the demonstration. He started the demo with a finish turned platter from 8/4 maple about 9.5" in diameter. It was turned in a standard fashion: drilling a center hole, mounting on a worm screw, turning the outside with a tenon, reversing the platter, turning the inside to get a 5/16" wall thickness, and applying a sealer.



The center was marked with a small dimple cut with a spear tool or skew. Using a [D-Way](#) 1/8" beading tool (held with the flute down) 10-12 beads were scored by engaging the right side of the tool and rotating. He then went back over the pattern (straight in) making light cuts to start the bead. Cleaning the chips off the end of the tool after each cut, Jim repeated the straight in cuts ~3 times until the flat spot was nearly gone. On the final cut he raised the handle to get a clean bead shape. The tool rest was then moved outward and the next ~10 beads scored and a similar process followed. He used his finger as a brace on the tool rest and tool to keep it from skating. Near the edge of the platter it was necessary to support the back to reduce chatter. Your hand can be protected by a glove or piece of Scotchbrite. A light sanding with a [Klingspor](#) 4" star sanding wheel cleans up the fuzzies.

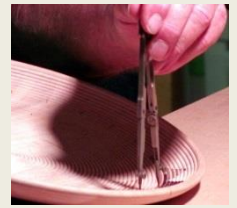


The rim was formed with a 5/16" semi-circular shape negative rake scraper that was his design.

Before beads were cut on the back side it was re-trued with a spindle gouge. The beads on the back side were formed in the same manner as the front only now, start at the outside and work toward the center. Beading continues until your knuckles start to hit the chuck, then the platter is removed and mounted using a vacuum chuck to finish beading, turn off the tenon and clean up the foot. Jim has good success with a [Rubber Chucky](#) for the mounting.



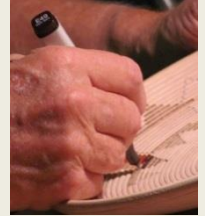
The next task was to lay out the pattern. This can be done with a degree wheel (used by [segmented turners](#)), a clamping fixture, and a pencil jig. [Editor's note: check the library for William Smith's book that provides several index wheel layouts]. However, the Navajo wedding basket required layout with a pair of dividers due to the gap in the pattern. A push-



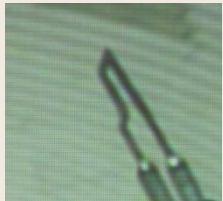
pin in the center of the platter was used for laying out the pattern. The metal insert from a wiper blade makes a good tool for drawing the gap. Using dividers, Jim laid out 25 triangles and the gap on the front face. The mid-point of the triangle base determined the peak. Then using a template cut from the top of a strawberry box he quickly laid out the pattern. Care must be taken with pencil lines because they will show through the coloring dyes. The outer triangles were then used as a guide for laying out the inner triangles with a similar plastic template.



After using a [Detail Master 9C](#) (flat tip) to burn lines to simulate the reeds, the coloring started. Jim used Burnt Sienna (E09) and Dark Brown (E49) [Copic markers](#) (square body) for the Navajo wedding platter. These pens have an aniline dye, replaceable tips, and can be refilled. He typically outlines the bottom of the bead and then fills it in.



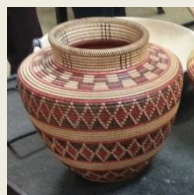
Jim has a couple of patterns that he uses for finishing the rim of the platter – spiral and herringbone. The herringbone is laid out with a ratio of 3/1: e.g. for a 1/4" diameter rim the line is sloped back 3/4". The rim burning is done with a [1B Detail Master](#) tip that is shaped like a skew.



A 1/64" [Razertip ball tip](#) was used to write the credits on the bottom. He includes his name, town, date, species of wood, and the tribe. [Watco Danish Oil](#) is then applied all over the turning and the piece is dried for 10 days (**no exceptions**). Any fuzzies are picked off and the piece cleaned up. Krylon workable [fixatif](#) (lacquer based) is then sprayed on the turning. It dries in about 2 hours. Krylon [matt finish](#) (or gloss if preferred) is then applied and allowed to dry. Finally, a Krylon [UV resistant spray](#) is applied. A final check for any fuzzies and the piece is set aside for 2 days to dry.



Thanks Jim for an amazing demonstration on turning Native American baskets. You can contact him through his web site: jimadkinsbasketmaker.com or by email Jim@JimAdkinsBasketmaker.com if you have any questions. Check his write up on turning baskets on [Sawmill Creek Woodworking](#) for more details on his process. With Jim's permission the Navajo wedding pattern layout is at the end of the newsletter.



[Editor's note – bringing in an outside demonstrator and having them for the entire meeting at no charge to our members is new to the club. Let Bob know if you like this approach versus having a demonstration on the weekend with a nominal fee.]

Library News > Rich Hinkebein

● Last month the following items were added:



- American Woodturner magazine, Oct 2014 issue. A good mix of articles on tools & projects as well as some interesting pictures of finished items.
- Two DVD's from Woodturning Workshop by Tim Yoder.
 - Relief Turning - an unusual way to produce projects or project pieces.
 - Staved Vessel- a challenging project. A jig is demonstrated to help in the glue-up. Copies of the drawing are available at our library or from American Woodturner magazine. Club member Ron Andracssek has used the jig and was very impressed with it.
- The Creative Woodturner, by Terry Martin. An excellent book that stretches not only your creativity but also includes some tips that can be useful for other type projects. Easy to read with a lot of pictures and descriptions.
- Turning Wood with Carbide Tools, by John English. A very detailed book on a specific type of tool. It covers metals used, manufacturers, and styles as well as projects explaining how to use each type of cutter with related pictures. It should be a useful book for those with or anticipating using the carbide tools with replaceable tips.

The library list on the club website is current as of 10-28-2014.

A reminder to all members: *"If you can't get to a meeting:*

- *You can return that item to the Woodcraft store at your convenience, just put your name and St. Louis Woodturners on the item and the store will get it to me.*
- *You can ask another member to return it.*
- *You can mail it to me or the store.*

Our library is only open on Sunday at our club meetings and is open to all our members for checking out books, videos, and DVD's.

When checking out material, sign/date the card and put it BEHIND the letter of your last name in the box. When you return material make sure you put the card back in the item and that the card goes with that item. Watch that you do not put multiple cards in one item. And please sign legibly so you can be tracked down if something is amiss.

Our library is a great source of inspiration and knowledge. A complete listing of our library is on our club web site. Please take advantage of this wonderful club benefit and return items in a timely manner.

[Editor's note – thanks to Rich for providing a review of new material and a synopsis of the subject matter. He has compiled one of the best club libraries in the region for our members.]

Tech Tips of the Month ● Trying to drill a hole in the exact top of a cylinder is very difficult even with a “V block”. The piece rotates or the drill bit tends to wander and results in a hole off to the side. The Lincoln Land turners are making mallets from trees that were planted when Lincoln was President for a celebration next May and found that they needed a fixture for the drilling. While turning the mallet head between centers the tool rest is aligned with the lathe center and a line drawn on the mallet head marking the top dead center and center punched. The part is then put into the “V block” and held in place with a C-clamp and a wedge forced between the mallet head and the C-clamp. — Lincoln Land Turners / John Anderson, Dan Schmoker



● When turning green wood, turn your piece to a uniform thickness then soak it in denatured alcohol overnight. Then coat it with Anchor Seal and set it aside. Weigh the piece weekly, recording the weight loss. Once the weight is stabilized it is probably around 11% moisture content and ready to re-turn. — Jim Adkins



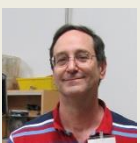
President's Spin > Bob Goulding ● At the November meeting we will have our annual ornament exchange. Over the years, some of my most prized ornaments from the exchange were simple ones turned by new turners. So much thought and effort has gone into them. I have also been privileged to draw wonderful, complex ornaments from some of our most accomplished turners.

It is great fun and you cannot bring home an ornament if you don't participate. Please, no matter what your skill level, turn an ornament and bring it to the November meeting.

The club would like to have a booth at the Woodworking Show in Collinsville on Feb 6-8, 2015. We are looking for a member to coordinate the event. Contact me for more information.

Special thanks to Chris Weiler and Jerry Goodman for working the video camera for the Jim Adkins demo. — Bob Goulding

Club News>



Membership dues are due ● Dues for 2015 become payable at the end of December (but you can always pay ahead of time and beat the rush). An [application](#) is available on the club web site. Dues are \$30 individual; \$40 family. If you are renewing, you don't need to complete a new application just pay your dues to Walt and make sure that the [contact information](#) we have on file is correct.

Attendance/Treasurers Report ● Approximately 45 members/guests attended the October meeting. We have ~\$3400 in the bank. — Walt Ahlgrim



November Ornament Exchange● At the November meeting members will have the opportunity to exchange ornaments that they have made. If you would like to participate, just bring one of your ornaments to the November meeting. The ornament can be simple or complex.

Participants will then draw a number to pick an ornament made by another club member. Hope to have your ornament in the event. Ornaments can also be entered into the President's Challenge!

November Wine & Cheese Social● There will not be a demonstration at the November meeting. Instead we will have a few hours of socializing. Bring your spouse/significant other, favorite wine (or other drink you enjoy) and an appetizer to share. The social will start following a short business meeting.



November Election of Board Members● The annual election will be held at the regular November meeting. The positions of Vice President, Secretary, and Treasurer will be up for election. If you are interested in serving the club as a Board Member, please contact Bob Goulding. Current VP, James Payne, is not running for another term. We want to thank James for his service as VP and Conference Coordinator. Walt Ahlgrim, Charles Sapp, and Steve Reynolds have indicated they would be willing to serve as Treasurer, Secretary, and Vice President respectively. Nominations will be accepted from the floor at the November meeting.

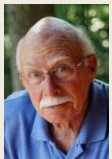
Web site● If you have not signed on to the [club web site](#) but want to establish an account send your request to the President, Bob Goulding. Once your membership is verified, he will contact the web master and an account will be established for you with a temporary password. When you sign on for the first time you will be able to set your own password. If you would like to be featured on the home page, provide Jon Spelbring with 4 to 6 good quality pictures (640 x 480) of your turnings with the same background. If you have any problems with web site operation, downloading, or general suggestions please contact the officers.

Nick Agar Raffle ● Mike Vogt won the airbrushed wall hanging turned by Nick Agar at our recent demonstration.



Coffee and Cookies● Complementary coffee is available at the meetings. The price for cookies will be posted. Purchases are on the honor system.

President's Challenge> October – Halloween Theme● Bob Goulding's witch's hat and caldron were selected by the members as the winner of the October President's Challenge to any item with a Halloween theme. The other entries in the October President's Challenge are shown in the picture section of the newsletter. Congratulations Bob.



Corian● K&D Countertops are no longer handling Corian. Dave Ackmann picked up what they had left and shared it with members at the meeting.

End Sealer Dealer Needed● The price of Anchor end sealer (used to seal green wood to reduce cracking) is very expensive in small quantities. The club needs a volunteer that is willing to take on this task if we are to

continue to sell it at a greatly reduced price (\$20 for 2 gallons). The end sealer comes in 55 gallon drums so equipment is needed to unload it from the truck, store it, and dispense it into the 2 gallon jugs. Contact President Bob Goulding if you are interested.



November President's Challenge ● The President's Challenge for November is to turn a Christmas ornament. One entry per member; entry must be turned within the last three months for the competition. Entries can then be used for the ornament exchange if you want.

New member ● Please join me in welcoming our new member Holly Little from St. Peters.



Collaborative ● The collaborative is on hold. If you would like to lead the project contact Bob Goulding or [Bill Farny](#). All team members must belong to the AAW. All levels of turning are needed and everyone is encouraged to participate.

Newsletter Electronic Links ● Did you know that by hovering your mouse over the "blue" text in the newsletter you can click and be taken to the web site that provides you with more information on the subject. Give it a try if you have not done so in the past.

Symposiums and Classes>

● [Tennessee Association of Woodturners, 27th Annual Symposium, Jan 30-31, 2015>](#) The Symposium will be held at the Franklin Marriott Cool Springs, 700 Cool Springs Boulevard in Franklin, TN. The 2015 Symposium features some of the worlds' leading woodturners including: Nick Cook, J. Paul Fennell, Ashley Harwood, Todd Hoyer, and Dennis Paullus.

John C. Campbell Folk School ● Several woodturners that have demonstrated for our club in the past will be teaching a class at John C. Campbell next year.

- [Soren Berger – A Fresh Look at Tool](#) Skills in mid May 2015.
- [Trent Bosch– Functional and Sculptural Woodturning](#) in early June 2015.
- [Kimberly Winkle - Woodturning and So Much More: Embellishing Galore!](#) in early May 2015.
- [Nick Cook – Turning for Food](#), mid Feb 2015.

October Show and Share



Walnut with Corian rim bowl by Rich Hinkebein.



Dan Burleson brought in some of his new cherry bowls, tops, and beaded turnings. Dan has done both woodburning and image decal transfers for the center of his plates.

Additional Entries for the October President's Challenge - Halloween Theme



Witch's hat by Rich Hinkebein.



Witch-in-brew by Charles Sapp.



Wooden vampire stake by Walt Ahlgrim.



Ernie Gohl turned a couple of pumpkin tops.



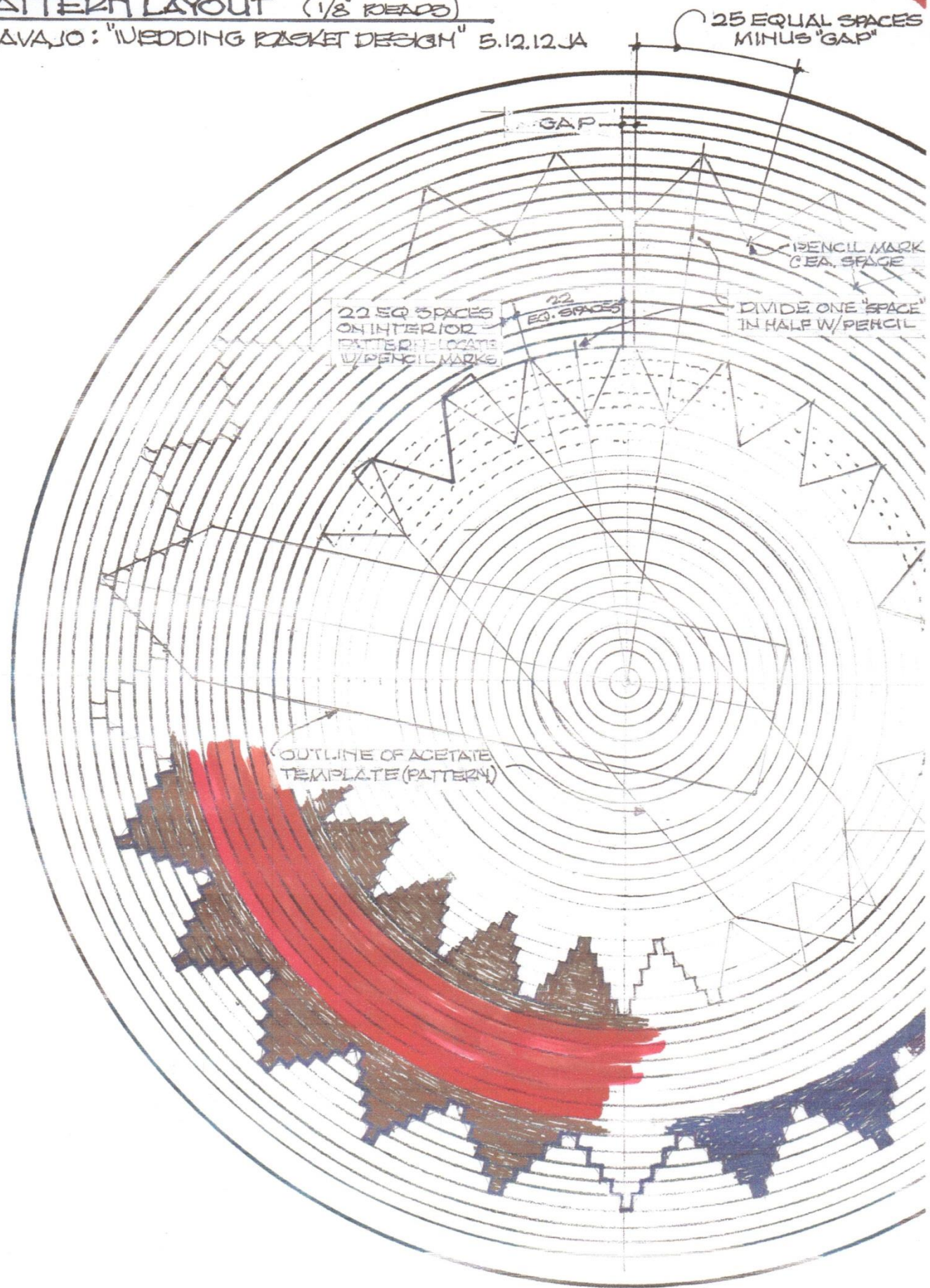
Dave Ackmann created a too creepy spider from multiple turnings.

Calendar of Upcoming Events

Nov 23, 2014	No pre-meeting.	Christmas party, ornament exchange, and election of officers
Dec 2014	No meeting. Merry Christmas, Happy New Year. Have a great Holiday Season	
Jan 25, 2015		Meeting demonstration with Bill Rubenstein. Topic TBD.
Feb 22, 2015		Meeting demo with Walt Ahlgrim turning open spiral candle sticks.
Mar 22, 2015		Meeting demo with Matt Keim. Topic TBD.

PATTERN LAYOUT (1/8" READS)

NAVAJO: "WEDDING BASKET DESIGN" 5.12.12JA

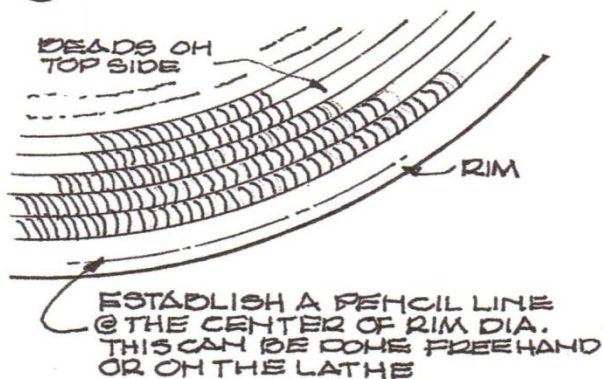


LAYOUT DRAWING "Y"

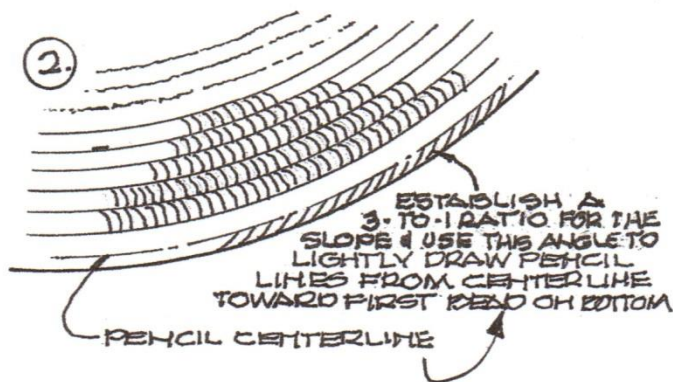
"HERRINGBONE" RIM LAYOUT NO SCALE

5.20.10 J. ADKINS

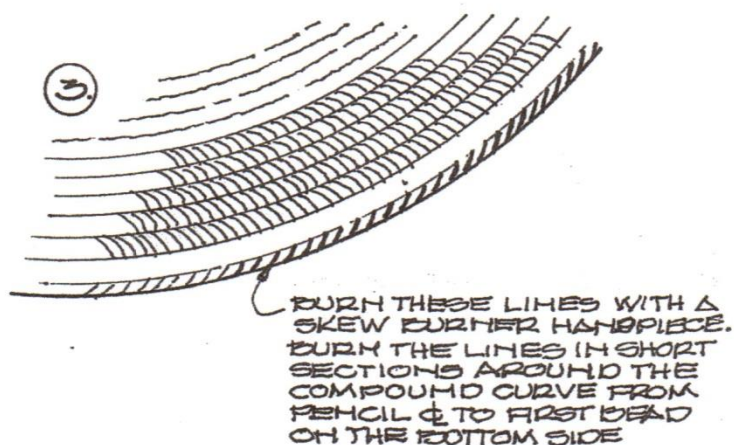
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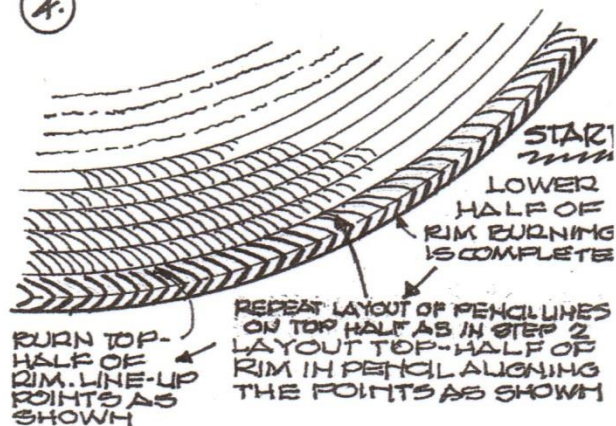
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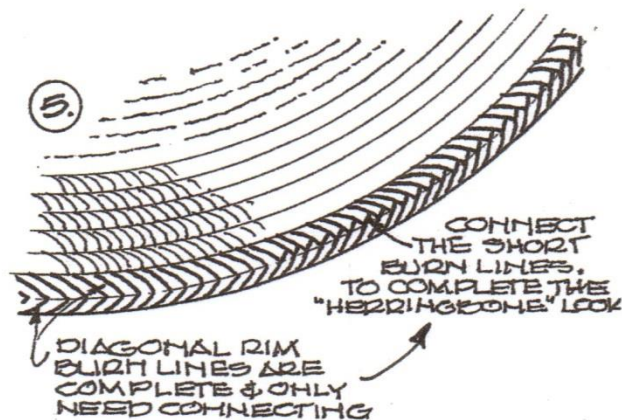
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4.



5.



USE A "RED RUBY" ERASER TO REMOVE ALL REMAINING PENCIL LAYOUT LINES THEN SAND LIGHTLY W/400 GRIT

Facebook site • Check out the club Facebook page:

<https://www.facebook.com/pages/Woodturners-of-St-Louis/292734664135601> and “Like” the page (click on the “Like” icon) to receive updates.



If you like turning wood, making things on your lathe or want to learn more about woodturning then join the Woodturners of St. Louis. Learn and share ideas with like-minded Woodturners of St. Louis. Our chapter normally meets from 1:00pm to 4:00 pm on the fourth Sunday of every month at Woodcraft Supply; 2077 Congressional Drive (Westport area), St. Louis, MO 63146. <http://www.stlturners.org>

American Association of Woodturners• The AAW is dedicated to providing education, information, and organization to those interested in woodturning. You can join the AAW at their site:

<http://woodturner.org/member/MemberLogOn.asp>.

Membership comes with access to on-line training information and includes a subscription to the *American Woodturner* magazine. Our club is a chapter of the AAW and we encourage all club members to join the AAW. They have been publishing a great series of on-line woodturning training articles for members that are worth the price of membership by themselves. They have also indexed all of the past AAW magazine articles so you can search and find help with most any issue you may have or ideas on your next project.

Board Members

President:	Bob Goulding	636.745.2333	bobisturner@yahoo.com
Vice President:	James Payne		jpayne.2011@gmail.com
Secretary:	Charles Sapp	636.928.0149	cwsapp@charter.net
Treasurer:	Walt Ahlgrim	314.567.5268	stlwoodturner@sbcglobal.net
Conf. Admin.	James Payne		jpayne.2011@gmail.com
Newsletter:	Charles Sapp	636.928.0149	cwsapp@charter.net
Librarian:	Rich Hinkebein	636.332.2396	kathryna1945@yahoo.com

Questions: info@stlturners.org