



ALBUQUERQUE WOODWORKERS ASSOCIATION

October 2019 Edition

(Newsletter Editor: Ros Barnes, rbbnz@msn.com or 505-864-8857)
<http://www.abqawa.org>

IMPORTANT ANNOUNCEMENT!!

Because the city of Albuquerque will be occupying ALL of the NDBMC on October 19, 2019, our monthly meeting will be held at the HOLIDAY PARK COMMUNITY CENTER, 11710 Comanche, NE. It is located between Juan Tabo and Tramway, on the South side of Comanche. This will ONLY be for the October 19 meeting. The times remain the same.

AWA will again be meeting ~~in Class Room #4 at North Domingo Baca Multigenerational Center,~~ beginning at 9:30 AM, concluding around 12:30 PM, on the **third (3rd) Saturday of each month. Doors open at 9:00 AM.**

This does not mean AWA is ending its relationship with Woodworkers Supply. We have spoken to Woodworkers Supply who has been a very generous sponsor of AWA for many years and will continue its support moving forward.

Preview of the October 19, 2019 AWA Workshop starting at 9:30 AM

For October we have:
“Making Inlay Banding”
Presented by Aaron Hill

(Note change in topic and presenter, due to moving to HOLIDAY PARK COMMUNITY CENTER)

Aaron Hill bio:

Aaron Hill is a long time AWA member and is a member of the Society of American Period Furniture Makers (SAPFM). His interests are focused on constructing American Period Furniture and restoring industrial woodworking machinery. Aaron has been pursuing woodworking as a hobby for 20 years. He is primarily self-taught but has benefitted from a number of courses at The Santa Fe Community College. Aaron has degrees in Mechanical Engineering and Metallurgy, has lived in New Mexico since 2000, works as a staff member at Sandia, and has two sons ages 4 and 7.

Presentation:

Inlay bandings can add flair and uniqueness to almost any piece of furniture. Extensive use of inlay banding is found in American Federal Furniture. Federal bandings are often complex, geometrically repeating bandings; most of which cannot be purchased commercially. Making inlay banding requires solving a number of design, stock preparation, cutting, gluing, and assembly problems. Aaron Hall will present a detailed discussion of the problems associated with making inlay banding and will demonstrate techniques that solve these problems effectively. Using the right technique, virtually any inlay banding can be made in any desired size or length.

October's Woodworker's Supply Specials

Come to the meeting and see what this month's specials are!
(You may be required to verify your membership with your AWA membership card.)

Upcoming Workshops

11/16/19
"Woodturning and Furniture"
Presented by Michael Anderson

12/21/19
"Jigs, Fixtures, Tips, and Techniques"
Presented by Ramon Valdez

01/18/20
"Finishing Roundtable"
Presented by Bill Cotton

September's Workshop Statistics

Attendance: 40 members, 3 guests.

\$10.00 Cash/ea.: Teri Summers and Marvin Roque
\$50 Woodworkers Supply Gift Certificate: Kelly Bingman
Assorted donations: Darrell Filkins, Charles Little

October 19, 2019 SILENT AUCTION

Van Barta has generously donated a Ryobi Router and Table for silent auction at the October 19 workshop. The router is a 8.5 amp unit with 1/4" chuck. Throat plate and the chuck wrench are missing, but otherwise this is a real deal with the \$35 minimum bid.



(A note from Les:) *If you have an item you want to donate to the AWA because 1) you no longer need to it, 2) you no longer want it, 3) you forgot (or never knew) how to use it, consider donating it to the AWA and we'll offer it in the silent auction during the meeting. If you have decided you have something like that and are going to bring it to the meeting for the auction, please let me know ahead of time so we can be prepared for it. Just send me an email at secretary@abqawa.org and we'll have it all set up. Thank...Les*

A Silent Auction of woodworking items donated by members will be conducted during the meeting to offer items of greater value than those typically offered for the raffle.

Here's what to expect. If a member wants to donate an item he or she feels is of greater value than is typically raffled, that item can be entered in the monthly silent auction. The item is brought to the meeting, and the member contacts the "auctioneer" who will provide a form asking for a short description, an approximate value, and a designation of where the funds are to be used if other than the general budget. The auctioneer will put a minimum bid on the form and announce the item is open for bid at the beginning of the meeting. Bids will be accepted until the presentation is concluded at which time the auctioneer will announce the highest bidder. It is expected that a winning bidder pay for and take the item they won immediately.

Les Bruce (secretary@abqawa.org) will be the auctioneer at the Saturday meeting. If you plan to bring an item for silent auction it would be helpful to let him know ahead of time so we can have things prepared.

Items for the raffle and the silent auction are donations but if members wish to sell woodworking items rather than donate them, those items or description can be brought to the meeting and we'll post them on a "For Sale" board for members to see. There is a classified ads area on the new website (<http://www.abqawa.org/dir/forums/forum/classified-ads/>) where you can post items for sale to the membership. We will post items listed in the classified ads on the "For Sale" board at the meeting.

If you have any questions, send an email to Les.

September, 2019 Presentation

For September, we had:
"3-D Printing"
Presented by Bill Cotton
(written by Tracy Murray)

I have been scribing for several years. This presentation has been the most difficult to scribe – not because of Bill's presentation but rather because I know little about 3-D Printing. What follows is my interpretation of the major elements of 3-D Printing. I would call it a beginners guide to 3-D Printing. To assist my own understanding I found a website that parallels the topics covered by Bill in his presentation. To find the website, google

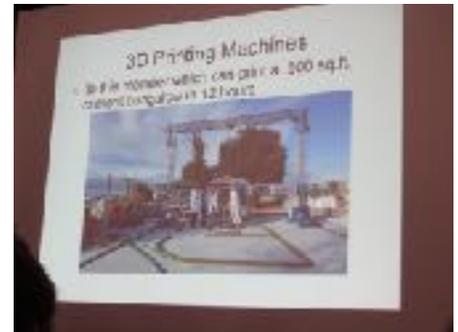


THE ULTIMATE BEGINNER'S GUIDE TO 3D PRINTING - PART 1

which is far easier than typing the website address

(<https://www.youtube.com/watch?v=3LBTKLsjHGQ>)

To simplify the topic, 3D printers can make solid objects. Bill's printer can make objects of size up to 7" wide by 7" deep by 10" high. The 3D dimensions are referred to as X (front view side to side), Y (front to back), and Z (up down). Larger objects can be made by gluing two or more printed objects. At this time most of us would think of a 3D printer as a toy rather than a tool; it produces plastic objects. Bill discussed several examples of plastic objects that provide tool functions so describing 3D printing as a toy rather than a tool is not rigorously correct. Moreover, there are 3D printers that can make metal objects which are sophisticated tools; however, the cost of these printers typically far exceed the budgets of hobby woodworkers.



There are several steps involved in making 3D objects using 3D printing.

Step 1: The process begins with the creation of a 3D CAD model of the solid object to be printed. Thus, if you wish to create an original solid object you must first be able to use 3D CAD software. The learning curve can be quite steep depending upon the complexity of the object to be created. An alternative is to use a CAD model that was created by someone else. There are internet websites that contain CAD models of many objects suitable for 3D printing. For example, THINGIVERSE and MYMINI.COM are two such websites that have many CAD models of objects suitable for 3D printing; CAD models on these websites can be downloaded in a format suitable for 3D printing.



Step 2: The CAD model of the object to be printed must be converted into a file of "Standard Triangle Language" (.STL) statements. Software that does this conversion is referred to as "Slicing" software. In essence, the CAD model object is sliced into a large number of very thin 2D page-like horizontal slices; each slice is printed separately – one on top



of the other. This is accomplished by the CAD object file being exported as a .STL file which is then imported into "slicing" software.

Step 3: The .STL file is edited to provide instructions to the 3D printer. These instructions vary from printer to printer. A new file is created that runs the 3D printer; the format of this file is G-CODE (.gcode).

Step 4: The .gcode file is sent to the 3D printer and the printer makes the object to be "printed".

Bill's presentation also included a number of topics not discussed above such as the type of 3D printer, the input material, the density/strength of the object to be created, and on and on and on. Bill indicated that starter systems could be purchased at costs ranging from \$200 to \$500. Overall, I thought this presentation was a very good introduction to the topic.

Special Announcements

The September meeting of the Woodworking Design Special Interest Group was held on September 24 at the Cherry Hills Library. Attendees were Rex, Tracy, Larry, Derek, Jerry, and Ben. There is no specific agenda; we talk about whatever topics the attendees want to discuss. Tracy discussed building multiple copies of a night stand shown in the photo; unique features included a cell phone charging station with hidden wiring. Rex talked about a cross cut sled for making box joints; he is working with two other AWA members on this project. The basic design started with a sled that John Henderson had presented to AWA. Larry discussed making a work bench using repurposed 2x4 stock; some of his challenges included leveling the top and bottom surfaces after glue up and dealing with the weight (excess of 400 lb.). Ben brought his DowelMax jig and discussed its functionality. Feel free to join us on the 4th Tuesday of the month.



Exotic Woods is back!

Exotic Woods is back up and running.

(See their ad at the end of this NL for their e-mail. No phone number available at this time)

Safety Tips, Woodworking Tips, Experiences

(If you have a tip that you would like to share, send it to the editor, Ros Barnes, RNBBNZ@MSN.COM)

(None for this month.)

AWA "Mentor List"

(from Ros Barnes, newsletter editor, RNBBNZ@MSN.COM)

AWA is still looking for any members who are interested in being a Mentor for others in our organization. If you are at all interested, please e-mail me. You do not need any formal training to be a Mentor - just the desire to share your woodworking knowledge with others.

NAME	DISCIPLINE	CONTACT INFO
Ros Barnes	Cabinet (casework) design and construction, toy design and construction, equipment adjustment and tuneup, jigs.	505-864-8857 RNBBNZ@MSN.COM
Bill Cotton	CNC, 3D printing, laser engraving and joinery questions.	phone 505.306.6819 wyzarddoc@yahoo.com
Gale Greenwood	Cabinet making, case goods (eg: chest of drawers).	505-256-1379
John Gonser	Toy design and maker (Note: John [an AWA LIFE Member] lives in Grand Rapids, Michigan, but is willing to mentor anyone via email, telephone, or other means, and he has some original designs he is willing to share.)	616-949-0061 mailto:john.gonser@sbcglobal.net
Mike Ulrickson	Scroll Saw operation and use	505-659-8943 maulrick@aol.com
Alan Voda	Plastic casts and molds	Alan: 268-7096 or amv6775@gmail.com
Steve Wagner		Steve: mailto:bigjawbone@mac.com
Bill Zerby	Tool Sharpening	505-263-6632 mailto:william.zerby@gmail.com

Successful AWA Toy Finishing Party

By Mike Murray. Thanks to a bunch of AWA members, we made great progress on finishing over 800 toys the weekend of October 5. On Friday we transported toys, dolls, quilts, and finishing supplies from our storage container to Valley High School. On Saturday we applied finish and on Monday we added dolls and quilts (made by the Thimbleweeds and Pinon quilters) to the cradles and buggies (with help from students) and then got everything back to the storage container. 100 empty cradles were delivered to the Pinon Quilters who are donating dolls and quilts. Thanks to Charles Little, Gary Reece, Betti Trahan, Kevin Cook, Darrell Filkins, Kevin Konetzni, David Founds, Mike Ulrickson, Charles Gunter, John Henderson, Tyler Richter, Rick Martin, Bonnie Ullman, and Ron Danner for your help! Special thanks to Gino Perez for letting us use the VHS wood shop



New Members

For September, Ron Noggle joined AWA.
WELCOME!

AWA Name Badges



Steve Schroeder is our AWA volunteer who makes badges for those members that need them. You can contact him at stefano.abq@gmail.com.

AWA Apparel



Ivan A. Blomgren is our AWA volunteer who takes orders for apparel.

The cost for each item includes an AWA embroidered logo.

1. Caps are \$12 each and are available in Red, Dark Green, Navy and Stone colors.

2. Long Sleeve Denim Shirts are \$29 each and are available in Dark Denim, Light Denim, and Washed Black colors.

Men's sizes are S, M, L, XL, 2XL, 3XL, 4XL, 5XL, & 6XL. Tall sizes are available for an additional \$6 each.

Ladies sizes are S, M, L, XL, 2XL, & 3XL.

3. Short Sleeve Denim Shirts are \$29 each and are available in Dark Denim, Light Denim, and Washed Black colors.

Men's sizes are S, M, L, XL, 2XL, 3XL, 4XL.

4. Short Sleeve Key West Performance Staff Shirts (two Pockets) are \$35 each available in White, Cloud Blue, Green Mist, Khaki, & Navy colors.

Men's sizes are S, M, L, XL, 2XL, 3XL, & 4XL.

Ladies sizes are S, M, L, XL, 2XL, & 3XL.

5. Polo Shirts with pocket are \$27 each available in White, Black, Forest, Campus Gold, Light Blue, Burgundy, Classic Navy, Classic Red, Electric Blue & Platinum colors.

Men's sizes are S, M, L, XL, 2XL, 3XL, 4XL, & 5XL.

Ladies sizes are XS, S, M, L, XL, 2XL, & 3XL.

6. V-Neck T-Shirts are \$19 each available in White, Black, Turquoise, Ocean Blue, Maroon, Navy, Red, True Royal & Silver colors.

Men's sizes are XS, S, M, L, XL, 2XL, & 3XL.

Ladies sizes are S, M, L, XL, & 2XL.

Names can be added to shirt orders for an additional \$5 per name.

Those who are members of the New Mexico Woodturners can also have the NMWT logo added for an additional \$5 per item.

Orders are placed quarterly with the last meeting for each quarter being the deadline for submitting orders. Orders are expected to be available for pickup the first meeting of the next quarter. The procedure for placing an order is to take the completed order form to the treasurer for payment. The treasurer will indicate payment has been made on the form and then give the form to Ivan for order submittal.

1st Qtr: Jan-Mar Order cutoff: **March meeting**

2nd Qtr: Apr-Jun Order cutoff: **June meeting**

3rd Qtr: Jul-Sep Order cutoff: **September meeting**

4th Qtr: Oct-Dec Order cutoff: **December meeting**

For those wishing to have a logo added to an existing garment, Ivan has a local embroidery shop source you can take them to for embroidery. See Ivan for the details.

Order forms can be downloaded and filled out from our web site as well as from Ivan at our meetings.

AWA Classifieds

Rich Lehoucq has a Rockwell 14" bandsaw, 1/2 hp motor. new tires, spring, five blades, fence and portamate mobile base. \$400 or make an offer. E-mail @ rblehoucq@gmail.com or call 505-845-8929.



AWA Website, CD's, and DVD's

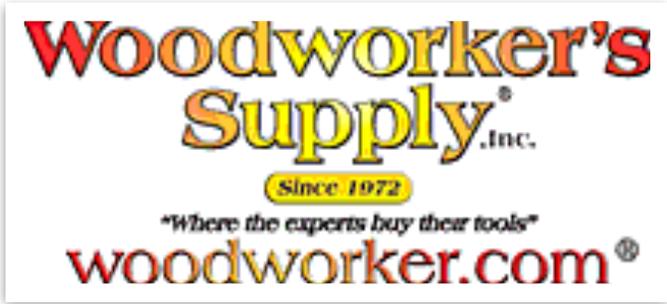
The AWA website continues to grow and change. Most recently, the links to the AWA library on the members page have been updated, and the library's catalog has been updated to include even more great woodworking books. This library is a terrific resource for our club's members! It contains information on all aspects of the craft. If you are interested in checking out a title, please contact librarian Steve Scott at webmaster@abqawa.org and let him know what you'd like. He'll bring your selection to the next AWA meeting for a one-month checkout period.

Sawdust On The Brain (humor via Ros Barnes)

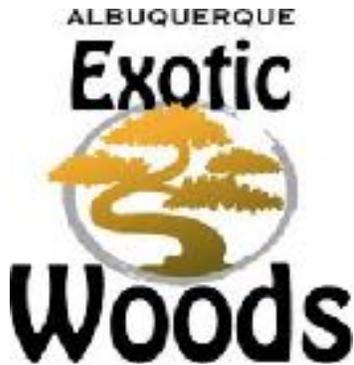
**Zog's cordless drill.
Recharges with bugs.**



AWA SPONSORS



Montana Reclaimed Lumber
<http://mtreclaimed.com/home>
PO Box 741
Gallatin Gateway, MT 59730
(406) 763-9102



1570 Juan Tabo Blvd. NE
Albuquerque, NM 87112
(505)299-6945
info@albuquerqueexoticwoods.com



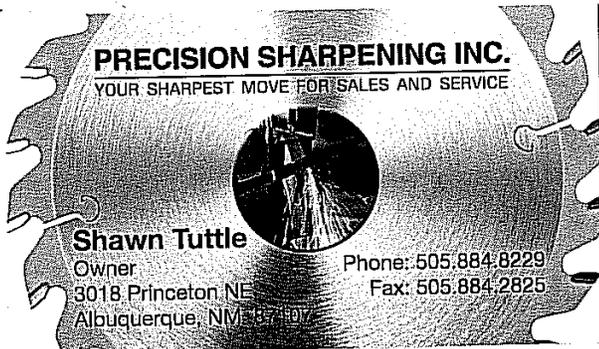
Building Materials and Construction Services
Hardwoods and Plywoods

5815 Edith Blvd NE, Albuquerque 87107
(505) 823-2200



1050 18th St., NW, Albuquerque 87104
(505) 924-2270

TJ Hardware
311 Amherst Dr. NE
Albuquerque, NM 87107
505-881-4325
www.tjhardware.com





Membership Application

Mail to: P. O. Box 36133 Albuquerque, NM 87176-6133

DUES:

Dues are assessed on a calendar year basis. Please pay a pro-rated amount of **\$3** per month to the end of the current year plus additional years to extend your membership. Please check appropriate boxes.

- One Year - **\$36** Two Years - **\$68** (a 5% discount) Three Years - **\$97** (a 10% discount).
- Lifetime Membership - **\$360** (10 times annual dues).
- Full-time students (under 22) in an accredited educational program receive a **50%** discount.

Amount Paid: \$ _____ (Prorated current year + additional years)

Name: _____

Spouse: _____

Address: _____

City/State/Zip: _____

Telephone: Home: _____ Work: _____ Cell: _____

E-mail (please use all capital letters): _____

I agree that Albuquerque Woodworkers Association, including the officers, will not be liable for any injuries or bodily harm resulting from the operation and activities of the association.

Signature: _____ Date: _____

Print Name: _____

Please sign, date, and send this form (with payment by check) to the above address or bring payment (check or cash) to the next AWA Meeting/Workshop. The membership application is fillable on your computer so download, complete, and print.

* We would appreciate your answering a few questions so we can make your membership in Albuquerque Woodworkers Association as satisfying as possible:

- Are you willing to volunteer a few hours to help with various Association activities? Yes No
- What special skills do you have that might be useful to AWA?:

-
- Are you retired or semi-retired? Yes No Comments: _____
(Revised 11/6/2018)