



Woodchips Newsletter

News from and about the Arizona Association of Fine Woodworkers



Presidents Message

Merry Christmas Everyone

This is the last Woodchips for this year and I want to take this opportunity to thank all of our members for their participation and support. We have had a good year during 2011. The demonstrations for the meetings were first rate. Thanks to Jim Altman, Bob Simmons, Matt Vredenburg, Tom Kosin, Dave Fleming, Marco Cecala, Roger Weinreber and Joe Tripodi for donating their time and expertise to make these possible. A special thanks to Joe Tripodi our Mentor Chairman. In addition Joe often hosts workshops at Woodworkers Source, go see him.

As everyone should know by now, Garrett Hack will be putting on a seminar and 3 day hands-on workshop beginning on Dec 3rd. This will be an exciting Program, and I for one am looking forward to it. Thanks to Marco Cecala for putting this program

together.

The Board of Directors will hold their first meeting of the New Year on Jan. 4, 2012. The plan is to approved the 2012 budget and set the Association's direction for the next 12 months.

The Election results are in:

2012 Officers

President	Raul Ramirez
Vice President	Marco Cecala
Treasurer	Harland Tompkins
Secretary	Tom Kosin

2012 Board of Directors

Bob Simmons
David Bley
Matt Vredenburg
Ralph Gumbert
Joe Hersey
Steve Christensen

*Happy Woodworking, Raul
Raul Ramirez
President*

Mark Your Calendar

December Meeting Annual Christmas Party

6:00 p.m. Wed. Dec 7
Contempo Rec Center
2509 W Southern, Tempe
*****Bring a Toy*****

January Meeting

7:00 p.m. Wed Jan. 18
Woodworkers Source S.
18115 N Black Canyon Hwy
Phoenix

Board Meeting

6:00 p.m. Wed. Jan 4, 2012
Contempo Rec Center

Upcoming Events

Lie-Nielsen Tool Event

Timber Woodworking
935 E. Southern, Tempe
Jan. 27 & 28, Guild night
Jan 26, 7:00 to 9:00 p.m.

Woodcraft Fair

Woodcraft Supply
3002 N Ariz. Av, Chandler
Sat. Jan 28, 9:00 till ...

Excellence in Wood- working

Mesa Convention Center
Feb. 18 & 19 2012

Paul Schurch Workshop

Veneering and Marquetry
March 17th through 21st
Woodcraft Supply
3002 N Ariz. Av, Chandler
(enrollment is full)



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The Nearly Invisible “V” Grooves

Have you ever glued up a panel several boards wide? You make a beautiful panel, everything looks so good. You let the glue dry then scrape off the excess. Then you painstakingly sand or plane the surface to near perfection. The adrenalin begins to rush and you cannot wait to see what it will look like when the finish is applied. You apply your first coat wow it looks so good then the next coat and then the final. WOW what a masterpiece! You let it sit over night and the next day go and inspect your creation.

As you look at it a frown creeps across your face, “what is this”? It looks like the light is bouncing differently along all of the seams. Last night I could not even see the seams! As you inspect further you discover an almost imperceptible depression along the glue lines. How could this happen? I was very careful, sanded to perfection, everything looked so perfect. What went wrong?

Well when a two boards are edge glued the wood absorbs some of the moisture. And what happens to wood when it absorbs moisture? You guessed it, the wood swells. So when the glue sets up the seam underneath creates a small ridge you may not even be able to feel it due to the roughness of the glue squeeze out. When the squeeze is scraped off a little of the wood goes with it. After the finish is applied and begins drying so does the wood. What happens to wood when it dries? Right again, it shrinks leaving the slightest depression along the glue line. The moral of the story: let the glue dry thoroughly before scraping.

Raul Ramirez

The Finish Line

A consideration to keep in mind if you are giving a crafted project for the holidays is the REAL drying time of the finish, especially if a matt, table cloth, or any type of covering that will be placed on the fresh finish. This includes lamps, vases, and any other items that will find a home on your newly crafted project. Let's review some of our favorite finishes and how they dry. Lacquer and shellac are great because of their speed to become dust free and the quick drying time (about 5-8 minutes dust free for lacquer.-dry time 1.5-2.5 hours; shellac about 15 minutes to dust free, 3 to 6 hours to dry.) Lacquer and shellac both dry by evaporation, not oxidation as most other finishes do. They are also resolvable in their own solvent, lacquer thinner for lacquer and alcohol for shellac. This means their vehicle will remove them even after they have dried and cured. If you place a matt, cloth or any item on the surface before it has time to cure, you will trap the evaporating solvents (called off-gassing). The results may be minor, just leaving pad marks in the surface or severe and actually dry to the surface. (no need to explain what that means— yes strip-it.) The key here is to give your project plenty of time to cure. Lacquer takes as long as 90 days to cure, shellac about 15 days. If you are putting on a medium coat of finish, (lacquer or shellac.) and let it dry well between coats, (read the can) your finish should be safe to use the surface in 5 days.

Now let's talk about the finishes that dry by oxidation. Drying oils, being tung oil, linseed oil, Danish oil, teak oil to name just a few. Varnishes. marine varnish(spar) rubbing varnish (piano) furniture varnish. Also in this oxidizing group are polyurethane, urethane, varathane. All of these fall into the oxidizing group. All the drying oils and varnishes dry and cure by oxidizing. Oxygen, causing a change in the resins and the finishes structural composition. These oxidizing finishes are not resolvable in their own vehicle after they have dried. Oxidizing finishes require a little more work to get a fine furniture finish, and require a well executed rub-out at the end but if a stronger and more durable finish is what your after varnishes are the way to go. Remember, make a sample-make a sample-make a sample, and you will cross the finish line, no sags, no drips, no runs, no errors.

Jim Altman

November Show & Tell



Bob Simmons with his Welsh Stick Chair



Jill Walterbach and the amaz-



Top Prize: Gerard Merchant hollow form and pepper mill made out of box elder. ***Wow looks like marble***



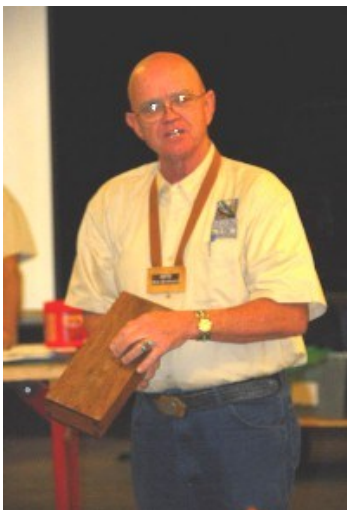
Louise Rennekar with a really nice wooden But-



Dan Davis, showing the improvised jig used to hollow out the



Dan Willeford shows his Purpleheart and Maple cutting



Bob shows one of the boxes he made for the Christmas gift program



Harland Tompkins large



Dan's vase that the jig was created for

Bob Simmons discusses how the “Grain” affects the Design

Bob shows and explains how the grain of frame and panel. Switching the rails and stiles can have a dramatic affect on the finished piece. The grain direction of the stiles can give the illusion that the frame is rower. Look at the board in Figure 3. figured piece will make a beautiful panel.



Figure 3, a highly figured panel



Fig 1, Frame and panel



Fig 2, Frame and panel with the stiles swapped.

the rails and stiles affect the look of the stiles As shown in figures 1 & 2, can piece. The grain direction of the stiles wider or nar- This highly Look at the orientation. Imagine what is the effect of rotating the panel 180 degrees, a very different effect.

Beside the aesthetic effect of the grain patterns. The grain also affects the strength of the project. The placement of a board with the grain running in the wrong direction may make the piece prone to failure. A case in point is a three legged table on a center pedestal. The legs curve down in a graceful curve but at the transition of the curve the grain runs almost perpendicular leaving the legs susceptible to a sheering force at the transition. If the leg fails this is usually where it happens.



Christmas Toy Program

Christmas is almost here and our Toy/Gift program is going strong. Here are just a few of the toys that we have ready for delivery. By the way Jim Altman, one of the toy chairmen is arranging for Channel 12 News to do a short story on our toy delivery this will be a great opportunity for our Association.

This old plane, it has two nickers held by dovetailed slots. What kind of plane is it?



We Need Your Prayers

Our editor Jill Walterbach will be undergoing surgery for cancer at the Boswell Hospital on December 7th. Jill is in good spirits and I am sure she can beat this. I ask all of our members to keep Jill in your prayers. She expects to be in the hospital for 3 or 4 days and then a month or so, for recovery, we hope to see her at the January or February meeting.

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Open

Unavoidable Truths about Woodworking

Your Router Won't do Everything

It is an unavoidable truth that our craft involves a wide range of skills, techniques, and tools. While we all wish it were different, there is no wonder tool that will do everything perfectly and effortlessly.

In an effort to do it all with one machine, woodworkers often end up working in ways that are cumbersome and time consuming. They end up wasting precious shop time building elaborate router jigs instead of making the one-time investment in a new tool or technique. Some woodworkers will spend hours working on a router setup to cut curved, tapered table legs, for example, when a band saw and a well tuned spokeshave would do the job in less time.

Glue Won't Rescue Poor Joinery

When you're joining two pieces of wood to each other and trying to make the joint look good and hold up over the long haul, nothing replaces proper fitting. There is no glue so strong or so gap-filling that it makes up for sloppy joinery.

Because we are human, things will go wrong. While there are tricks for correcting mistakes, never think of them as ways to get around good workmanship. When a joint isn't right, sometimes there's no sound and seamless way to fix it short of doing it over again. Don't let laziness overcome your good judgment.

Mike Dunbar, Fine Woodworking.

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Submission of articles and tips are welcome and encouraged please contact the editor at woodenwizard@yahoo.com. We reserve the right to edit any

The Arizona Association of Fine Woodworkers (AAFW) is a non-profit organization dedicated to the promotion of woodworking skills of all kinds. * To share with our communities the knowledge and skills that we are so fortunate to possess. Our organization is made up of woodworking enthusiasts of varying skills that encompasses a wide range of woodworking disciplines. The major benefit for all of our members is the sharing of knowledge and talent among the membership. * The AAFW has a toy and gift program where our members make hand-made toys and gifts for those in need. This program runs all year long so that special days such as birthdays, Easter, Mother's and Father's Day can be celebrated with age appropriate gifts for parents and other family members. A special emphasis is placed on the Christmas Toy/Gift Program.

Garrett Hack Seminar and Workshop

Garrett Hack will be giving a two day seminar on working smart. The three day *hands-on* workshop will be featuring Curved woodwork and bending among other techniques. Please see the AAFW Website for more details, look under the Education Tab.

This Event is Generously sponsored by:

Woodcraft Supply, 3002 N Arizona Ave, Chandler

Woodworkers Source, 645 E. Elliott, Tempe; 18115 N Black Canyon Hwy, Phoenix

Rockler Woodworking, 4626 E Thunderbird Rd, Phoenix

A Special thanks to Ben Conner, our webmaster. Ben's company hosts the AAFW website through Web World, www.webworldinc.com. Ben provides many hours of volunteer service to AAFW.

Join Now

The Arizona Association of Fine Woodworkers invites anyone interested in woodworking to become a member, regardless of age, experience, or skill level. Guests are welcome to attend a General Meeting without charge or obligation. Annual membership fees are \$25 for one person and \$30 for a family. There is a one-time enrollment fee of \$5 that must be included with your first-year dues. Fill out the form, and mail to AAFW with check or money order.

AAFW Officers

President: Raul Ramirez 480-734-0274
president@azfinewoodworkers.org
Vice President: John Armstrong
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Secretary: Tom Kosin
secretary@azfinewoodworkers.org
Treasurer: Harland Tompkins
treasurer@azfinewoodworkers.org
Chairmanships
Mentor Chairman: Joe Tripodi
Program Chairman: Matt Vredenburg
Membership Chairman: Vern Monson
Toy Committee: Ralph Gumbert & Jim Altman

Arizona Association of Fine Woodworkers

Date: _____

Application for Membership

Send with check or money order to: **AAFW**, PO Box 1905, Gilbert, AZ 85299-1905

Name(s) _____ Membership: single__ family__

Street _____ Apt. ____

City _____ State ____ Zip _____ Phone _____

E-mail _____ (optional)