

Revolutions

Vol 7, No. 7

July 2013



**SOUTH PLAINS
WOODTURNERS**



LUBBOCK, TEXAS



Tom Farrell's Air Brush Demo

Once more Tom Farrell delivers a newly developed and unique demonstration for the club at the July Meeting. We are so fortunate to have Tom as a member of our club.

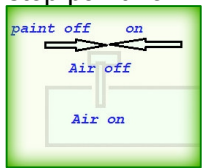


Last year, Tom, who continues to grow as a turner and an artist, felt the need to develop his air brush skill and technique. He attended a Dru [Blair School](#) of Air Brushing to serve that end.

The school promises to take the beginner to the level of a professional.

Tom exhibited some of his work in presenting the demonstration. These certainly show excellent development on Tom's part.

We learned the components of the air brush and cleaning the tools. In both the demo and the handout, Tom addressed fundamental elements such as holding the tool at 90° to the plane of the paper or target, moving the tool in the same presentation. Too, he talked and wrote about the need to stop paint flow while maintaining air flow. In order to do this, one must keep the trigger pressed down while moving the trigger towards the front of the air brush. Maintaining the air flow keeps the brush tip clean of globs which may interfere with the eventual flow of paint.



Continued on page 5 (See Demo)

July Gallery



Greek Key Segmented Form
Wingé and Maple lacquer finish
Ron Butler June 2013



Lidded Vase with finial
Pecan

Jim Burt 2012

Continued on page 6 (See Gallery)

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Club Donates Tops

Several club members joined to make spin tops to assist the [Brazos Valley Club](#) in making table favors for the 2013 SWAT Symposium in Waco August 23-25.

Many of the tops are pictured in the July Gallery. Not pictured there are a number of fine tops made by Neil Faulkner.

Revolutions

Revolutions © is the newsletter for the South Plains Woodturners, an organization dedicated to promoting the craft and art of woodturning. **Revolutions** is published each month at Lubbock, TX.

The South Plains Woodturners is affiliated with the American Association of Woodturners and The Southwest

Association of Turners.

Please direct any questions or comments about

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Notice from the BOD

The South Plains Woodturners Board of Directors reminds Every member that the Board meets on the Tuesday Following Saturday regular meeting. The meetings are open to all.

Minutes of the meetings along with a monthly Treasurer's report is available from the Club Secretary, Harry Hamilton

Dues for 2013-2014 Year are payable now.

Annual Dues	\$30
Household Member	\$15

Exhibit Your Work

Two exhibit deadlines are near for submission. First is [Dia de los Muertos](#) in Peoria, IL, and the other is [2013 - Small Works - Big Talent.](#)

Follow the links to find out more information. Each requires an entry fee.

President's Notes

As we look to the future of our club, there are many opportunities for both individual and corporate growth. Looming on the near horizon are SWAT, The Lubbock Garden and Arts Festival, and hands-on classes.

In August, one of the highlights of the year, SWAT occurs. SWAT provides a venue whereby participants can learn about techniques and projects they may have been unfamiliar with. Imagine getting to see nine demonstrations over the course of three days. It is truly a smörgåsbord of woodturning information.

Our club has accepted the invitation to participate in the Garden and Arts fall festival, September 14th. We will be doing demonstrations during the day for people to watch the transformation process. We will also have a venue to display turnings and get our name in front of members of the community. This is one of the many ways we attract new members.

Undoubtedly, the most rewarding opportunity before us is the continuation of hands-on activities. We will continue to offer one day workshops. I would thank Glenn Williamson for offering his shop for these meetings. The camaraderie developed during these workshops is incredible. If you have never participated in one of these workshops, I would encourage you to give one a try. It will expand your turning world!

I would like to thank Jim Harris for being the driving force behind our beginning turning classes. They have been a wonderful venue for people to get directed hands-on experience. It is amazing to watch new turners gain skills and confidence. I would also thank Bob Herman, David Turner, David Hoehns, and Willard Ellis for their contributions. Willard just came by to watch and couldn't help jumping in! This is a wonderful outreach for our club and I would invite participation as either student or mentor. Jim Bob Burgoon

Next Club Meeting August 3th

At Target Sheet Metal
In the wood shop
Enter via the West door near rear
South Loop 289 (see map on last page)

Demonstration:

Randy Thorne
Long-Stemmed Goblet

Meeting starts at 10:00, but come early. Help make the coffee and visit with other turners.

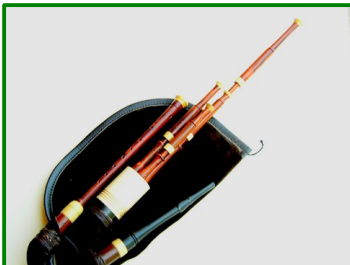


Ray Hughes Interview

Long time inspired to create musical instruments; especially the bagpipes, since the 7th grade in Plainview, Texas Ray was intensely interested in music. Performance music in Junior High and High School kept him very occupied. It was only much later after an unexpected career change took place that he managed to return to his childhood dream.

One hot summer his parents drove them far into New Mexico arriving at Red River in time for the Annual 4th of July Parade. Ray was eleven when he watched in awe and his ears afire resonating with the incredible Police Bagpipe Band from Albuquerque, New Mexico. Then and there his subconscious decided that someday he too would play the bagpipes and make his own set; the die was cast, he just didn't know it yet.

To some degree his dad and mom set the stage which prepared him. His dad taught the basics of woodworking & woodturning. Moreover his father was carver/sculptor of wood, creating nature pieces of creatures similar to the works of J. Christopher White. In addition his dad made custom knives. While his mom has been an oil painter most of her life. And given that his parentage, on both sides, goes back to a Scottish Heritage it's no wonder that Ray's interests resonate with everything of the bagpipes.



Continued on page 4 (See Piper)

Club Calendar

Date	Event
08/03/13	Regular Club Meeting Demonstrator: Randy Thorne <i>Long-Stemmed Goblet</i>
08/06/13	Board of Director's Meeting
08/22/13	Pickup SWAT materials Walk thru Sharpening Booth
08/23/13	SWAT 2013
08/24/13	SWAT 2013
08/25/13	SWAT 2013
09/07/13	Regular Club Meeting Demonstrator: Ron Barnett
09/07/13	Board of Director's Meeting
09/13/13	Set up at Garden & Arts Center
09/14/13	43 rd Annual Arts & Crafts Fall Festival At The Lubbock Garden & Arts Center 9:00 am. to 6:00 pm.
10/05/13	Regular Club Meeting Demonstrator: Ray Hughes
10/08/13	Board of Director's Meeting
11/02/13	Regular Club Meeting Demonstrator: Sara Robinson Webinar: Spaulted wood
11/05/13	Board of Director's Meeting
12/07/13	Regular Club Meeting Demonstrator: Mike Oglesby
12/09/13	Board of Director's Meeting

For Sale

Ed Spence has a bowl gouge, 100121 M2 3/8" Packard Bowl Gouge, from Packard Woodworks, made in Sheffield, England. Never used, never sharpened--my brother sold me a bunch of tools including 3 bowl gouges, and I don't need this one now. Paid \$49, make me an offer I can't refuse. 806-252-8816 , eddiestlmo@prodigy.net. I'll bring it to the August meeting.

For Sale

Jim Bob Burgoon is selling two prepared rattle blanks for \$5.00.
Cherry
Call 806 773-0793



Revolutions

Piper (Continued From page 3)

After graduating from Texas Tech he became Comptroller/Office Manager for the Lubbock branch of Rainbow Bakery. Ultimately that provided the means to pursuing bagpipes because in 1996 Rainbow initiated a downsizing and corporate restructure. Which left him successfully unemployed, seeking alternative ways of making it in the world. 1997 was a watershed year: created his first woodwork shop in their two-car garage, built his first set of Umbrian small pipes, sold his first set of bagpipes, and set out to launch a musical career playing and making bagpipes.

After the first year as a startup, he began attending the Highland Games and of all things Celtic. With Arlington, Texas having one of largest gatherings in the US at an average attendance of 30,000. Starting in 1998 he averaged selling 25 bagpipe sets per year, and likewise 100 to 200 practice chanters for the pipes each year. To that end he attended 15 or more Highland Games every year, making a reasonable living at it, until about 2003.



Then with a Masters in Pediatric Nursing in 2003 he began working as a RN at UMC, and teaching Pediatric Nursing through South Plains College, Lubbock campus. Thus with that development, a wife of 12 years, and two newly adopted daughters his travels to the games became severely curtailed. Ray still takes orders to make pipes and accessories, although the volume of production has dropped significantly. However his legacy of bagpipes lives on with owners throughout the United States, Canada, Europe, the British Isles, New Zealand, Australia, and Japan.

And yes fellow wood turners, we have arrived to the modus operandi. That is, Ray's M.O. (Method of Operation); some of which is covert. Initially he began with an old Oliver, for which parts were still available back in the 90s. (Pssst....his first wood lathe was actually a Sears tube 3/4 - 16 tpi, morse #1 taper). Ah but you didn't hear that from me. And yet, even the Oliver became history, so shortly thereafter he managed to snag a Powermatic 3520 A Mode, variable speed and reversible spin; with speed odometer always in the Goldilocks Zone of just right! Not too fast, and not too slow; always exactly where he needs it to be...

Lathe tools are mostly Hamlets, and a couple Henry-Taylors. He tends to cut his spindle work with good-to-excellent roughing gouges of various sizes. Ray says you can do a lot of different things with a roughing gouge; including nice skew-like cuts.



I would like to talk about a special tool that Rolly Munro has been working on for some years. I first saw this tool last year attached to the end of a boring bar developed by Steve Sinner. Steve was demonstrating at SWAT and I was amazed at how easily and quickly he was able to hollow out a tall vase.

I followed up my interest by attending a class taught by Steve at the Marc Adams Woodworking school in Indiana. This is also where I was introduced to the airbrush but more on that later.

The Munro Hollower is a cutter cup attached to an articulated section and then to the tool handle. This is a very good cutting system. One very important piece of the cutter cup assembly is the adjustable "hood" that partially covers the HSS cutter cup. The hood adjusts the size of (depth) cut **and** prevents the cutter cup from catching by keeping the cutter from getting too big a bite.

The settings on the adjustable hood are fairly simple. Green wood uses a wide setting and dry wood uses a closer setting. The chips that the Hollower creates look very much like chips made with a sharp bowl gouge. The hollower will let you know right quick if it is improperly adjusted. When hollowing out a deep vessel you spend more time raking out chips than turning because of the high efficiency of the cutter. The Hollowing cutter is used on the level position at the center of the work. Having the cutter slightly above or below the center line adversely affects performance. When setting up a boring bar very careful measurements and adjustments are required. I use stop collars on the boring rest and the capture bars to get consistently good results. I expect the cutter would work well on any boring bar system.



Rolly Munro Hollowing Cutter

See [Steve Sinner Tools](#) at the Sanding Glove.

Happy Turning, Tom

Ray Hughes (From page 4)

Next in line for tool finishing out these hardwood pipes, is a large array of parting tools which he uses for scraping. To cut some occasional nice curves he has some curve scrapers of various sizes. All interfaces between pipe sections are chase threaded by hand. Given the hardness of the woods that he uses he's able to put on a tool finish requiring very little sanding. Keeps his cutting tools sharp with a 1725 rpm slow speed grinder mounted with two grades of Aluminum Oxide wheels; using a Wolverine Jig along with two Raptor Gauges.

The pipe blow holes require an extremely precise manner of boring. All drilling takes place on the wood lathe setup with a Oneway Steady Center; a device that embraces the spindle. Now with the spindle pipe section mounted in the headstock and a gun bore drill mounted in the tailstock with a pneumatic nipple connected to an air compressor via a hose, a small centering pointed blade tip that flares out to the desired diameter which makes for a perfectly trued hole to run the carbide tipped gun drill; which is designed with a blow back tunnel to remove all swarf (wood fragments or chips); so as to maintain a true & smooth drilled shaft with no scarring. Centrifugal force helps keep the gun drill absolutely centered.

Finishes are mostly simple, using Almond Oil with sandpaper of 220 grit, then dry sanding with finer grits, and completing the finish with Micro Mylands turning wax. Nearby is a Jet Mini lathe mounted with four grades of buffing wheels that top off the polish look. Selection of woods have been mostly exotic grains from Africa and South America. All dense hardwoods, such as African black wood (a rosewood), ramon burl, cocobolo, verawood, gidgee, and lignum vitae for the body of the pipe. The wood is chosen for its weight and ability to sustain tones. If the wood will sink in water, it's heavy enough for bagpipe construction. These days he's making pipes from native woods as well; like mesquite, hard white maple, and bois d'arc . Details are created out of water buffalo, carved stag horn, longhorn, deer antler and other bone like material.

Continued at Right



Ray Hughes sought out his way of enlightenment in all manner of wood work, mostly on his own; reading lots of books, magazine articles and an occasional dvd. And of course lots of time was spent at the lathe getting techniques perfected. Entirely self taught in chase-threading, was probably the first in Texas to employ such technique. This was before people such as Allen Batty and Bill Jones publicly taught chase-threading. As Tom Ferrell once observed Ray at work he commented: "you know, you don't turn like regular wood turners. You turn like a pattern maker". That is to say he wasn't going for just the cut, he was going for this is how it has to be. To illustrate, a Canadian dealer in Toronto couldn't believe Ray consistently turned out pipe set after pipe set absolutely matching, doing it all by hand & calipers; using no expensive pattern tooling equipment.

In the end for those of you who wish to probe deeper into the mysteries and mystic Celtic past of bagpipes of every flavor, check out hughesbagpipes.com and bobdunsire.com. Specific recommended recording artists of bagpipe bands and folk group bands on Ray's short list includes *Shotts & Dykehead*; *Victoria Police Pipe Band*; and the *Simon Fraser Pipe Band*. Folk groups include: the *Battlefield Band*; *Tannahill Weavers*; *Old Blind Dogs*; and *Clandestine*. Happy Piping Trails!!!

Demo (Continued from front page)

Tom discussed air brush purchasing. These range from the mostly acceptable beginner type devices sold at Harbor Freight through mid-ranged tools to the high-end professional brushes available through numerous websites. Air brushing, like most other skills are not purchased. Rather they are developed by practice, practice practice!

The most highly skilled artists do excellent free hand work, but even these use some tricks to enhance the effects. In Tom's handout he showed examples of masking to achieve desired effects. Frisket, a thin vinyl sheet with an adhesive surface can be cut to create masks of desired shapes. There is even a liquid frisket, Tom told us, which may be peeled away after painting. Other masking devices include heavier vinyl cut-outs which may be used to achieve stock shapes. On the more creative side, torn paper may be made to create more indistinct edges. Even paper towels can be torn to make masking. Air compression is a must for air brush use. Small compressors are sold for air brush use, but larger air supplies may be adapted to this use. Just as important, a regulator is necessary to maintain consistent air flow. Multiple brushes probably need manifolds to maximize their use. Manifolds may be purchased for exorbitant prices or simply made from supplies available in most hardware stores.

Think before you spend, and enjoy the learning process.

Revolutions

Gallery From front page



Bangles
Walnut, manzanita and Oak
Burl
John Franklin June 2013



Lidded Boxes
White oak, cocobolo and algeria
English and black walnut
May 2014 Larry Rogers June 2013



Spin Tops
Maple, color and texture
Tom Farrell July 2013



Lidded Box
Oak
Loy Cornett June 2013



Winged Bowls
Three Flags Down
Maple and turquoise Mesquite
Buddy Compton June 2013



**Air brush practice on
Scrap wood and spin tops**
Various woods
David Hoehns May/June
2013



Seven Bowls,
Three natural-edged
Ash, fruit woods, mulberry,
elm and mesquite
Richard Seale
April - July 2013

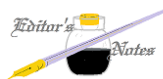


Two ash bowls walnut platter
Steel bowl depth gauge
Spin tops
Willard Ellis June/July 2013



Contraption # 1
Walnut and birch
1990's
Natural-edged mesquite vessel
July 2013
Dick Markham

Not Pictured: Scratch Awl, Texas ebony, brass and steel
Bob Herman May 2013



Most of the images in this month's issue were taken by Ed Spence. Some of the images in "Burls of Wisdom" were taken by Averette Lidzy and some were taken with permission from Ray Hughes' website. Space and time prevented more on SWAT, but this has been covered extensively in previous issues. The dead line for on line registration is August 10th. After that registration must be made at-the-door. During the August meeting I will be asking for volunteers to work the Fall Fest at the Garden and Arts Center September 13-14. This has been an annual event to show the flag and promote new members. Those of you planning to attend SWAT are asked to meet together during the Thursday night social to workout assigned schedules for the sharpening booth. If you cannot make the August 22 social, please make sure I have your cell number.

Revolutions

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Map to Locate Meetings