



THE TURNING TIMES

An East Texas Woodturner's Publication

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August 2011

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Visit us at www.easttexaswoodturners.org

The Turning Times is published monthly as an information source for members of the East Texas Woodturners (ETW). ETW is a chapter of The American Association of Woodturners (AAW) and is committed to serving woodturners in the East Texas area surrounding Tyler, Texas. The ETW Chapter joins with the AAW in its dedication to providing education, information and organization to those interested in woodturning.

Meeting at TJC West

August 13, 2011

The Prez Says:



Hello ET Turners,

I recently started using an airbrush to decorate or enhance the surface appearance of my turnings. I want to convey some of what I have learned so far, some of it the hard way.

Click On Pictures To Enlarge

Equipment

I bought an Iwata Eclipse HP-CS from Coast Airbrush for about \$125. This brush has a gravity-feed cup on top instead of a siphon feed below. Also, a bigger needle-nozzle set is available to



Iwata Eclipse Airbrush

spray a larger pattern. Besides the brush, you need a flexible air hose and a source of air pressure. Fortunately the air pressure/flow requirements are low so any small compressor will work provided it can produce about 60 psi max. Your air system needs a pressure regulator near the brush so you can adjust the pressure for your various paints, dyes, finishes, etc. Iwata makes a more expensive brush that has the flow regulator built in.



SMC Regulator

For larger spray jobs, I borrowed an **out-of-production** detail spray gun

used for model building or touch-up painting on automobiles, the Badger 400. The Badger has a larger siphon cup for bigger jobs. Iwata and Sata make high-quality detail sprayers but expect to pay over \$300.



Badger 400
No Longer Available

A turntable really helps in any spray application by allowing you to spray with one hand and rotate the turntable with the other. I have a cheap, plastic spice rack turntable that I use. A lazy Susan bearing turntable would also work.

Supplies

I have successfully sprayed alcohol dyes, water-based acrylic paints and water-based lacquer. The acrylic paints were purchased from Hobby Lobby and Michael's. The water-based lacquer is Hydrocote Resisthane ordered from Highland Hardware. On the lacquer, the solution is diluted to about 50-50 with water. Water-based dyes or NGR dyes should also spray well.

Operation & Cleaning

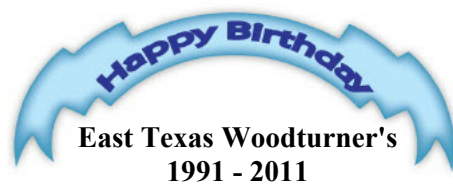
When I started spraying with both the brush and detail gun, I had a lot of trouble with clogs. In almost every case, the nozzle and/or the needle had dried material stopping or impeding the air flow and hence the flow of spray

Calendar of Events

- August 13, 2011 9:00am**
Regular Club Meeting
- August 20, 2011 9:00am**
MOST Day; PAC Shop (Mineola)
- August 26-28, 2011**
SWAT Symposium, Waco, TX
- September 10, 2011 9:00am**
Regular Club Meeting
- November 12, 2011 9:00am**
Regular Club Meeting
- December 10, 2011 9:00am**
Club Christmas Party

Table of Contents

Prez Says	1
Member's Classified Ads	2
ETW 2011 Program Schedule	2
August 13th Raffle Items	2
August 13th Setup/Cleanup Roster	2
July Meeting Pictures	3
Prez Says continued	4
ETW Mentor's List	5
Editor's Show & Tell Favorite	5
August MOST Day	5
SWAT Registration Reminder	5
ETW Supporter's List	6



"Turning Twenty"

Continued on page 4....

CLASSIFIEDS

Classified Ad Policy: Classified ads run for 3-months unless the editor is notified they are no longer needed. At the end of the 3-month period, the ad will be dropped from the newsletter unless specifically renewed prior to the period expiration.

For Sale: Woodturning Aprons – Made of material that sheds those pesky shavings - \$25.00. Please contact Kay Leonard at 903-592-6009 or at kay199417@gmail.com

Wanted: Pen and small turning projects equipment including mini lathe. Please email me with offers and prices. **Don Wade** azledon@msn.com

For Sale: ShopSmith lathe with a lot of accessories - Good shape. \$500 Darryl Roberts (903) 526-1991 darryl.roberts62@yahoo.com

For Sale: Sears 10" Radial Arm Saw with cabinet stand - \$100.00; Delta 1/2" Spindle Shaper with cutters - \$225.00 Norman Dixon, 903-753-6980, normandixon@cablelynx.com

Personalized Turning Classes:

Paul Coppinger - Mineola - 903-638-6008 paulcop68@thecoppingers.net

For Sale: Delta bandsaw, model #BS 100 with light for \$100.00. Will trade for planer and yes I will pay extra difference if needed. Call Eddy Shannon at 903-312-1813

For Sale: Craftsman Router with table & acc. - \$60; Craftsman Dovetail Template with bushings - \$30; Craftsman Rotary Tool - \$35; NOVA Vacuum Coupler Unit (New) - \$20.

[CLICK HERE FOR PICTURES](#)

Contact Mike DeLong at 903-569-2733 or mpdelong@suddenlink.net

For Sale: Woodworking Tools - new, never used or only gently used:

- Craftsman "Laser Measurer Tool" \$25.
- Craftsman "Random Orbital Sander" \$25.
- Skill "Jigsaw" \$20.
- Makita "Vibrating Finishing Sander" \$25.
- Black & Decker "Hand Grinder" (Wildcat Grinder) \$30
- Craftsman "Battery Tool Set with Roll-Away Carrying Case" \$100

[\(Click Here for Included Items\)](#)

Craftsman "Bench Top Drill Press" \$100.
Delta "8-1/2" Compound Miter Saw" \$75
Contact Ed Heuslein at 903-834-3838 (h) or 903-521-3972 (c); email heuslein@gmail.com

Turning Classes: 1,2 or 3 day classes available. For details, please call 903-216-5564. Charles Brooks

ETW 2011 Program Schedule

Aug. 13, 2011	John Leonard	Turning A Platter With Embellishments
Sept. 10, 2011	Ken Terrell	Finial Vessels
Oct. 8, 2011	To Be Announced	To Be Announced
Nov. 12, 2011	To Be Announced	To Be Announced

East Texas Woodturner's Raffle Items

Tickets can be purchased for each raffle at the monthly club meetings and are priced at \$1 each or 6 for \$5

August 13, 2011:

(Monthly items are subject to change based on availability)

Thompson Lathe Tools 3/8" V-Bowl Gouge
P&N Tools 1" Roughing Gouge
Ashley Isles 6mm (1/4") Beading Forming Tool

Third Quarter 2011 (Sept): Wagner 1/4" x 16tpi & 3/8" x 12tpi Texturing Tools; Sorby Texturing Tool; 5 Tombow Coloring Pens.

Annual 2011 (Dec.): Oneway 1" Talon Chuck with #2 and Step Jaws, Beall 1" Collet Chuck Kit, and 1-1/4" to 1" spindle adapter.

August 13, 2011 Setup/Cleanup Roster



The following members have generously volunteered to handle the setup and cleanup chores for the next meeting. Please thank them and consider volunteering to help at future meetings.

Bobby Barron	Jack Day
Charles Brooks	Jeff Whitcomb
Joe Cass	Frances Cass

Turning Wood Available

I need to reduce my stash. I have some sealed local woods **FREE**, and some dimensional stock at reasonable prices. Stock from pen and stopper blanks to bowl size. Also some green turned bowls to be finish turned. Tom Canfield Cell 903-521-4526



Are We Having Fun Yet

ANCHOR SEAL FOR SALE

The Club has Anchor Seal end grain sealer for sale at most Club meetings. It is available in 1 and 2 gallon jugs at \$9.00 per gallon. To obtain it, pay our treasurer, Archie Stivner, and then see Dennis Lorenz. If you need some between meetings, contact Dennis at 903-565-0651 or dlorenz67@gmail.com



Danny King



Paul Coppinger

Demonstrators

Honorary Lifetime Member
Matthew Cox

Random Show & Tell Pictures



material. After a while, I got to where I could disassemble, clean and reassemble each with my eyes closed. No one told me the secret to operating these spray tools so I am going to pass along what I learned the hard way. The secret is to always complete your spray pass with a flow of air only. Since the brush has a two step finger trigger, always operate in a 1-2-3-4 step procedure as follows:

1. Push down on the finger trigger
2. Pull back on the trigger to control material flow
3. Go forward with the trigger to stop material flow but still flowing air, about 1 sec
4. Let up on the trigger to stop air flow.

My original technique combined steps 1 & 2 and 3 & 4. I would push down on the trigger while pulling back to spray material, then I would just lift my finger to stop. This always allows wet material to stay in the nozzle and on the needle. After about 4 passes, the material would harden, hence time to clean again. To break this habit, I made myself sit with an empty brush, with air pressure, and practice 1-2-3-4, 1-2-3-4, 1-2-3-4, over and over maybe 50 times. After several days of practice, I think I have conquered my problem. **Hard to break bad habits!** The detail gun also has an air only position on the trigger and required me to retrain my finger control. Even with the improved trigger control technique, both the brush and detail gun will require a thorough cleaning. Buy a collection of small bottle brushes from your airbrush supplier, get some pipe



Cleaning Brushes



Dental Pick

cleaners, add a small brass brush and toothbrush, and get a very pointed dental pick to clean out small holes.

Use the solvent for what you are spraying to clean your sprayer. Windex works well on the water-based products.

Every so often, a good soaking in lacquer thinner, acetone or mineral spirits will be required. **DON'T** put your entire brush or gun in acetone. Acetone will cause the "O" rings to swell and even dissolve...**DAMHIKT**.

Heavier, thicker paint will require more air pressure to spray, therefore the need for a conveniently located regulator. Assuming your brush is clean, if the spray is sputtering, raise the pressure. Also, a drop or two of water added to the paint in the gravity cup can reduce the viscosity and improve the spraying.

Technique

The biggest problem I have with spraying, other than the clogging issue above, is spraying too much resulting in runs or sags. The trick for me is to spray enough to make the surface look wet but not enough to make it run...sounds simple but can be hard to do.

I will spray my turning until it looks wet, then use a hair dryer to blow dry the surface. Since everything I spray is some type of evaporative finish or dye, the blow dryer is accelerating

the evaporation process. If you get too much material on the surface, the blow dryer may blow runs around the surface. For water-based lacquer, blowing will sometimes dry runs away.

When spraying your turning, begin with the brush or detail gun about 6-8 inches away and always start the spray flow before and end after your piece. This prevents any start-up or ending sputtering from ruining your surface. Also, on curved surfaces, try not to spray around the curve. If you are spraying a tall vessel, spray with a vertical motion instead of horizontal to keep a more even thickness of material. Spray, then rotate the turntable and spray again. Just keep repeating until you have gone completely around your piece. Let it dry or blow dry and then do it again. Simple, huh?

For a 3 color finish using 2 dyes, start with the vessel upside down and spray with down strokes to about 2/3s down, making the color graduate from heavy on the bottom of the vessel to very light at the 2/3s point. Then turn the vessel upright and spray the second dye color with a down stroke to about 2/3s down. Again, graduate from heavy on the top to very light at the 2/3s point. This will result in the 2 primary color dyes overlapping and producing the secondary color.

Safety

Spraying anything has 2 potential problems:

1. Fire/explosions
2. Lung damage.

Water-based products do not have the fire or explosive potential that alcohol or lacquer thinner based solutions have. When spraying anything with these potentially dangerous solvents, always keep flames away from your spray area and provide some form of ventilation. Regardless of what you spray, use some type of mask to protect your lungs. I bought a filter face mask from English Auto Paints for under \$15.

Conclusions

Don't expect a cheap airbrush or detail sprayer to produce uniform, high-quality spray jobs on your turnings. **Ya git what ya pay for in life!** Buy a good brush or detailer, start practicing the finger control, get some acrylic paint and practice spraying on any surface (paper, wood, plastic, etc.). Just like in turning, there is no substitute for practice but hopefully my suggestions will speed you down this learning curve. The results **can** be a smoother finish requiring less polishing or some unique coloring from dyes. Both can give you an improved quality look to your piece.

See ya, PAC

Happy Labor Day 2011

Mentor List

Mark Anthony	903-963-7128	Van	emark_anthony@gmail.com
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Paul Coppinger	903-638-6008	Mineola	paulcop68@thecoppingers.net
Tom Criswell	903-509-1042	Tyler	tom_criswell@yahoo.com
Tom Crosby	903-567-4701	Canton	ctomsturnings@aol.com
Norm Dixon	903-753-6980	Longview	normandixon@cablelynx.com
L. V. Filak	903-885-2550	Sulpher Springs	lrfilak2@suddenlink.net
Ed Heuslein	903-834-3838	Kilgore	heuslein@gmail.com
Walter Tate	903-839-6505	Tyler	waltertate1@suddenlink.net
Ken Terrell	903-839-4735	Whitehouse	kpterrell@suddenlink.net



Editor's Show & Tell Favorite

**Branded Aspen Hollow Vessel
By Ken Terrell**

Editor assisted this month by Wayne Smith

Mineola Open Shop Turning Day (MOST Day)

August 20, 2011

Projects: Lidded Bowls
(or anything else you want to turn)

Paul Coppinger's Shop in Mineola
(see website for map)

Turning, Fun and Fellowship

If we're not having fun, we're not doing it right!



East Texas Woodturners Library

Now would be a good time to check if you have any items from the **ETW Library** that need to be returned. Some of your friends are waiting to enjoy them too.

PLEASE RETURN THEM



East Texas Woodturner's Supporters

The following businesses have graciously provided support for the activities of the East Texas Woodturner's club. Please show your gratitude by giving them your business when possible.

Woodcraft

1430 Marsh Lane
Addison, Texas 75001
(972)-241-0701 CST
<http://www.woodcraft.com/>

Thompson Lathe Tools

5479 Columbia Road
North Olmsted, OH 44070
440-241-6360 CST
<http://www.thompsonlathetools.com/>

Rockler

Promenade North Shopping Center
800 North Coit #2500
Richardson, TX 75080
(972) 613-8848 CST
<http://www.rockler.com/>

Craft Supplies USA

1287 E. 1120 S., Provo, UT 84606
1-800-551-8876
FAX: 801-377-7742
<http://www.woodturnerscatalog.co>

Hartville Tool

13163 Market Ave N
Hartville, OH 44632
800-345-2396
<http://www.hartvilletool.com/>

Packard Woodworks

P.O. Box 718, Tryon, NC 28782
1-800-683-8876
FAX: 828-859-5551
<http://www.packardwoodworks.com/index.html>

Wood World

13650 TI Blvd. #101, Dallas, TX 75243
972-669-9130 CST
<http://woodworldtx.com/>

Johnson Wood Products

34897 Crystal Rd.,
Strawberry Point, IA 52076
563-933-6504 CST
Wood Turning Blanks, Bowl Blanks
<http://www.johnsonwoodproducts.co>