

THE STAINED GLASS WINDOW

Monthly Newsletter of the Stained Glass Guild of Oklahoma
"Embracing All the Glass Arts"

Vol. 7, No. 6

June 2007

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Harry Wallace

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May Program: Cutting Glass by Ron Allen

Report by Heather Opp

Basics: One of the most important things to consider is your work surface. Ron's favorite is the *Morton system*. The board has pockets for the glass chips to fall into. *Homosote* is another versatile option, you can use pins in it, it is fireproof and it self heals. (You can purchase it at Cherry Street Stained Glass or from Ron). Use a brush to clean off glass chips not your hand!

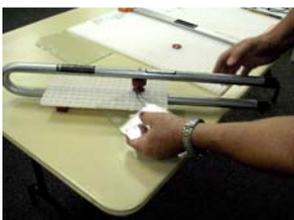
Safety: Always use glasses - safety or otherwise - when you cut glass!

Cutters: Get the best cutter you can afford because it will save you money in the long run. Also, make sure it is comfortable in your hand. The more comfortable you are the better results you will have-so hold it any way that works and push or pull according to preference. Ron doesn't use the reservoir, he dips the cutter in the oil for every cut. **Tip:** Put a cloth with some 3 in 1 oil in a baby food jar to store your cutter in to keep it functioning well. Feel your tip, you can tell if there is a problem and you can buy a new tip. The size and angle of the tip should be adjusted according to the thickness of your glass.

How glass breaks: At this point Ron gave us a handout. We'll try to have some at this month's meeting if you didn't get one last month. Glass has two surfaces, you want to score just the top layer. When you use the pliers you are breaking the bottom surface. The handout shows how to practice under and over scoring in order to learn how to cut glass. Don't press too hard. The pistol grip cutter may give you more strength than the barrel cutter but you don't really need a lot of pressure. Using a bathroom scale is a good way to determine the pressure of your cut. Keep your cutter close to perpendicular.

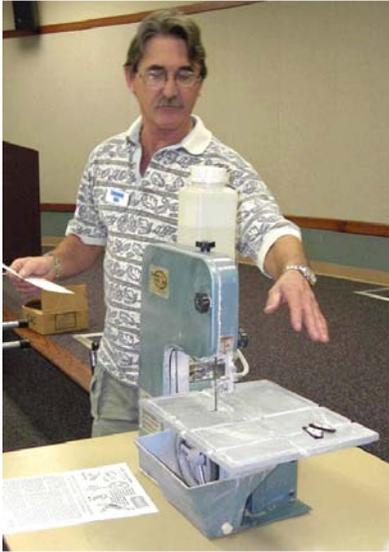
Tools: You can break with your hand, running pliers or grozers. It only takes 2 degrees to break glass which is why running pliers are adjustable. It is suggested that you put a little bit of pressure on both ends before you break your glass. There are times that you might want to start in the center and work out however (curves and pits). For crooked cuts you might have to make a series of cuts. Morton has a safety break system that is good for glass and you can see through it for positioning. If you cannot see through it they also make another system called the M80. Circle cutters are a must have to cut circles. You can also cut strips with this cutter. Ron puts a piece of masking tape on the center to prevent the cutter from slipping and uses a ruler to measure from the tip to be consistent.

Continued on next page.



**THERE WERE A LOT OF NEW IDEAS PRESENTED DURING THE PROGRAM
BUT, YOU REALLY NEED TO COME TO THE MEETINGS TO GET THE FULL
IMPACT OF THESE PROGRAMS. COME JOIN US!**

May Program: Cutting Glass by Ron Allen, Continued



The Band Saw: Paul says the problems with the band saw are that the top plate fills up with dust and makes a mess, no water containment when it's running, water shoots out, it is hard to clean, if you forget to turn the water flow off it can overflow, and the metal parts rust. It is good for cutting heavier pieces of glass and you can get a finer cut than with the ring saw. The band saw is good for deep inside cuts and smaller cuts. It is also much quieter than the ring saw.

The Ring Saw: Jim shared the Taurus 3 ring saw. It has an adjustable guide that stabilizes the ring but it takes some getting used to. Overstressing the blade is what causes them to break-don't force the glass. The blades and rings are about \$80. If you keep it clean then you don't have to change the holes. There is really not enough light from the built in light. You can do things with a ring saw that you cannot do with a band saw or traditional cutters. There are limits to the size of glass you can use because of the design of the tool. The ring saw also makes a thicker cut than the band saw.

Cutting: You should try and stop your cut 1/16th of an inch away from the edge of your glass to avoid chipping. Take your time cutting. Never re-score a score. If you have skips turn it over and score it on the other side if it is a smooth piece of glass.

GUESTS AT OUR MAY MEETING

Dennis and Betty Metcalf, Christina Cohen and Terry Brazeal. We hope they enjoyed being there as much as we enjoyed having them. Hope to see them next month!

NEW BUSINESS:

A revised program agenda was distributed. There are volunteers needed to help present on these topics. Call Paul or Harry if you are interested.

The Fairgrounds enjoyed working with the Guild last year and wanted to use the racks again. They also wanted to know if we would sponsor an award. There was some discussion about wanting input on choosing the judges. There is also an opportunity to have one day for the Guild to provide demonstrations. There was agreement to sponsor an award, do a demonstration day and lend our racks to the fair.

Paul needs volunteers to help paint and work on the trailer in the near future.

Sunny Bathanti of Cherry Street Stained Glass Awards Prize to SGGO Member Jim Perkin



Sunny recently sent out cards and invited people to visit Cherry Street Stained Glass and bring the card in with them when they visited and they would be put in a hopper and a winner would be drawn. The winner could pick out any piece of glass in the store as their prize. Pictured is Sunny presenting Jim with the piece of glass he picked out! Congratulations, Jim! Thank you, Sunny!

Been to www.stainedglassguildok.com recently?



Once again to our wonderful friends who supplied door prizes...
THANK YOU!

Cherry Street Stained Glass
Tulsa Stained Glass,
The Glass Station,
Jim Perkin,
Paul Wosika and Wanda Hays

SHOW & TELL



Ron Macy
Lamp with Native American symbols



Wanda Mays
Downspout



Charlene Brazeal
Rooster



Nelson Myers
(Hakko 493) fan with filters for fumes and a came bender



JUNE GUILD MEETING
10:00 AM
JUNE 2, 2007
ALLIE BETH MARTIN
LIBRARY
2501 S. GARNETT - TULSA, OK

PROGRAM

**GETTING THE PATTERN...
TO THE GLASS**

Finding the right spot on the glass
Negative Patterns
Light box trace cutting
Marking the glass from the pattern pieces
Gluing the pattern pieces on to the glass

SEE YOU THERE!

COFFEE & JUICE LIST...

Monthly, volunteers take the coffee pot home with them and then come early to the meeting and help make the coffee before the meeting starts. Volunteers also bring juice to the meeting for the non-coffee drinkers. Those volunteers are reimbursed by the Guild for the juice.

<u>MONTH</u>	<u>COFFEE</u>	<u>JUICE</u>
JUNE	Jim Perkin	Walter Green
JULY	Jim Perkin	Rhonda Hobbs
AUG	Richard Young	Richard Young
SEPT	Jim Perkin	Susanne Underwood
OCT	Jim Perkin	Mike Hardgrove
NOV	Vera Gunter	Nelson Myers

If you have a picture of some of your work you would like to see in the newsletter just send it to me at mdhardgrove@peoplepc.com. Sometimes I have a little bit of space that needs something special. Mike