

Central Florida Woodturners Club
April 19, 2007

Steering Committee meeting 5:30 PM
Buttermilk's Restaurant, Fern Park

Present: Bob Walker, Dave McNeeley, Mike & Susan Brooks, Jim Donovan, Harvey Driver, John Russell, Rick Coffman, Sherry and Al Hockenbery, Bob Varner, Gene Shields, Stuart Lillie, Bill Wohlfart, Richard Elenberger, Bill Smith and Bob Miller.

The committee discussed an attendance list as a sign in sheet with a dot by names of those who owe dues. The Space Coast Woodturners have successfully used this kind of list.

Suggestions were made for purchases for our Library: Mike Darlow, Stuart Mortimer, four people for the Jimmy Clews set, Cindy Drozda's final CD, three for Alan Lacer's CDs, and Martin Matthews' Engine Turning.

A reminder was given for the Georgia Symposium "Turning Southern Style."

Demonstrators for the 2008 Florida Woodturning Symposium include Michael Hosaluk, Mark St. Lager, Lyle Jamieson, and Alan Lacer. One of them can be invited to demonstrate for our January 2008 meeting. Maybe the membership should be polled for their preference.

The following could be future demonstrators: Tony Cortese has a three-hour demo; Al Caten; and Gary West on kaleidoscopes.

Rick Coffman says he has demonstrators through next month. Gene Gross will demonstrate long stemmed goblets.

The Central Florida Woodturners were listed in the Clubs section in the Orlando Sentinel this week.

New shirts will be ordered. The cost will be \$25 for sizes up to XL, and \$26 for higher size up to 4XL. The dark shirt is 100% cotton. Khaki is available. Women's sizes are also available. The turn around time for an order made in September will be October.

First Thursday at the Orlando Museum of Art (OMART). Four members went to the April First Thursday, including Rick Coffman and Dave Barriger. It would give really good exposure for the club. Five to six hundred people have a place to "meet and greet". A 40x60 room is available for an exhibition. Members could turn under an outside tent. The museum has tables and portable walls. November is our month. Richard Elenberger's kids in the Youth Orchestra might play. Our Christmas tree is sold already. Should we set up our tree early? Mary and Alan Lacer want a place for a National

AAW show and are interested in OMART as a venue. The club needs a committee to organize our exhibition. A jury process is suggested for selecting works to display and maybe sell. Perhaps the August or October meeting could be used for the jury process? Al Hockenbery presents procedures for the jury process. Perhaps the jury show could be held at Dave Barriger's church, OMART, or a room at Rick Coffman's school. Perhaps someone at UCF could be invited for the jury panel. A sculptor or potter is good candidate for a jury. Past chapter collaboration projects (the diver's helmet) can be on display as well as Dave Barriger's treadle lathe. A Plexiglas shield is needed for the public's safety. There will be four lathes with shields. Making Christmas ornaments would be a good demonstration. Sherry Hockenbery and Rick Coffman volunteer for the committee. Light stands and electric cords are needed

Members are encouraged to wear their name badges. It is suggested that people pay for replacement badges.

What happened to the PVC stand with the overhead mirror? Should a new one be made or is it now obsolete due to video cameras and monitors?

Bill McNeeley, Treasurer, reports \$3751.55 in the club's bank account. He hands out the latest quarterly report.

Richard Elenberger reports on the Chapter Collaborative Project. The project is progressing and work sessions will continue on Saturdays before and after the monthly club meeting until the project is finished.

Regular meeting

WoodCraft, Casselberry

Bob Walker, President, called the meeting was to order at 7:00 pm.

The visitor tonight is Ron Weltmer from Tavares.

Bill McNeeley, Treasurer, reports \$3751.55 in the club's bank account.

Susan Brooks, Secretary reports that the minutes are posted on the website, per Rick Coffman. The Central Florida Woodturners are in the club listing section of the Orlando Sentinel.

The Central Florida Fair starts today and continues for three days. Gene Shields and Bob Walker will do the first turn tomorrow on two mini lathes. A sign up list passed around. Participants may show their pieces in a display case, and sell them. Be sure to collect sales tax and turn it in to the fair management.

AAW dues are \$45 per year.

AAW Chapter Collaboration. Richard Elenberger reports the meeting next Saturday will be from 8am to noon. The project is coming on great. He shows planets, a space needle, and the smoke generator is in hand. Next month the project has to be finished. Also the Saturday before the May meeting will be a work day.

First Thursday at OMART. The First Thursday is a great social event and costs \$9 to get in. A 40x60 room will be available in November for display of work done by club members. Each person should bring in a piece. Stands, ropes, and a temporary wall will be set up for displays. Dave Barriger and Mary Lacer started this contact with OMART, wanting to arrange an AAW show at the museum. OMART wants us to start by demonstrating at First Thursday and then see about an exhibit in two years. Five to six hundred people attended the March First Thursday. Club members will do woodturning outside on the patio. Electrical power is available at the patio. The Festival of Trees will have already started by then. The club should donate our tree ornaments early to get more exposure. Our turnings can be displayed to sell on the side (the museum will not be involved here). The display will stay up until 9 pm. Pieces are to be juried before November to select quality pieces. Each person who submits a piece is almost guaranteed at least one piece gets in. November 1 is our First Thursday. Chapter Collaboration projects will be on display, including the Fire Engine, Diver's Helmet, and Wooden Lathe. Dave Barriger will bring his treadle lathe. Committee volunteers are Bob Elliot, Sherry Hockenbery, Rick Coffman, Richard Elenberger, Dave McCoy, and Gene Shields. We get to pick a caterer and the museum gives a \$600 allowance for music to elevate the experience of the event. The local Youth Orchestra can supply quartets for the three 45 minute sets with 15 minute breaks. Celtic music was featured in March. Start making ornaments now!

The AAW wants turned toys for the Annual Symposium in Portland to support a children's charity. Toys might include tops, yoyos or a ball in cup.

AAW Report per Al Hockenbery. There is still time to sign up for the Symposium in Portland in June. Portland is a great city, with good public transportation. This will be the biggest symposium yet for demonstrations. They'll be visible via video camera and experienced video photographers.

The 2008 Symposium will be in Richmond, Virginia. The theme is "Turned for Use".

The Utah Woodturning Symposium is June 2, 2008.

Southern States Symposium

Club shirts were discussed at the recent First Thursday. The new shirts would identify club members. Color is green, 100% cotton with short sleeves and club logo, but no individual name. The price will be similar to the last club shirt.

Florida Woodturning Symposium will be next January 2008. This three-day symposium (Friday, Saturday and Sunday) is a great bargain. Demonstrators will be Lyle Jamison, Mark Hosaluk, Mark St. Leger and more. There will be five hands on classes, and four Florida turners. The Registrar will send information to AAW members in June or July. We hope to have on-line registration this year, and maybe on-line payments. The raffle includes a mid-sized Jet 1220 lathe and a set of commemorative gouges. Register early for workshops. This is a great deal for a small cost.

Dave McNeeley, the treasurer.

SHOW and TELL

Rick Coffman took a class with his scholarship. The class included lots of critique. He showed an Asian inspired box with a walnut top and a maple body, a Ray Key type box of bocote, and a black walnut bowl. Emphasis was put on positioning the blank for the best appearance of the finished bowl. All were finished with wax.

Bob Smith brought a southwestern type vessel of camphor finished with a water-based polyurethane. He has bought a new Powermatic lathe.

Gene Combs displayed a cherry goblet of three leaves, each different. The goblet was pierced with a drill, rotary burr, and carved with a knife. The finish was buffed.

Jim Schoer brought a chuck, threaded rod drill thru a center, insert rod with pointed end. Insert the rod into the chuck to mark center on bottom of bowl.

Victor Peters showed a maple burl 8x8x4 3 chambers, like a Chinese temple. Another was made of rosewood with three chambers.

Brian Guyes made an urn for a pet, featuring segmented glue-up. He made a cherry urn and another of maple urn.

Joey Signoret brought two small bowls, one with a natural edge.

Mike Melendez showed a green camphor bowl, an osage orange mallet, and a pepper mill nine inches high. All had a lacquer finish except the mallet.

Sherry Hockenbery displayed a crab made for the Duck Dodgers Collaborative Project. The three-eyed crab was made of cherry, and stained an orange color. The body was textured with a dremel tool ball insert

Gene Shields brought a lidded box of oak and pecan, and a pine bowl with knots. He has recovered from one of the bowls flying off the lathe and hitting his face.

Jim Bell showed a bowl of woman's tongue, with the sapwood positioned at the bottom.

Connie Lefebvre showed a tall cherry box with the lid stuck on the body. Another style of box has one cylinder inside another and turns to expose the opening of the inner cylinder. She brought four boxes in all.

Art Pataky used more scraps from an earlier project to make another glued-up lidded box. It has sixty pieces of mahogany with red accent pieces and a lacquer finish.

Ron Weltmer from Tavares brought an oak burl. He climbed a tree to get it. What should he do with it? Sherry says to turn a bowl, and to turn it before it gets dry and hard. Ron's lathe has a 12" swing. Suggestions included mounting the burl between centers to round it. Often burls have rays from base outward to sides. Cut a tenon to go inside the chuck.

Peter made the flying saucer for the Collaborative Project with a yellowheart body, with lights inside and a Lucite window around the rim. He also made a toy rattle that makes noise, and a top. Peter cut the gear of the rattle on a table saw.

John Sutton turned a planet for the Collaborative Project and gave it to Richard Elenberger.

Bill Dalton turned a planet painted like Earth for the Collaborative Project.

Bob Walker told a story about his lathe. The bowl he was turning got away and hit him on the arm, knee and leg. It seems the lathe turns too fast when the potentiometer is below 70 degree F.

Rick Coffman won the raffle.

The wood auction sold Florida Rosewood, Cedar, Flatwoods Plum, Norfolk Island pine, a spalted wood, citrus, cypress and an unknown wood. \$57 was donated to the treasury.

Demonstration - The Bandsaw.

George Glasgow, WoodCraft employee

George first showed a new item – a gauge for turners. It is the discount item this month.

His visual aid helped to explain bandsaw terms such as pitch (number of Teeth Per Inch or TPI), rake angle, gullet, blade back, tooth tip, and width.

He used a 14" Powermatic bandsaw, with 6" riser block for details of his demonstration. The Powermatic is good for resawing and preparing turning blanks.

Nine of ten problems deal with bandsaw blade tension. Timberwolf says to loosen the blade till it flutters, and then tighten it. High carbon steel blades don't like a lot of

tension. Old timers like your Granddad said to press on the side of the blade and it shouldn't move more than 1/8 inch. Assume that 6 inches of the blade are exposed and use medium pressure.

Mistracking is another problem. Too much tension on 1/4 inch wide (or less) blades can break the weld of the blade. This is dangerous. An electronic digital gauge is now available.

Bandsaw tires must be kept clean. A soft to medium hard brass wire brush is mounted to brush the tire. Some people mount an old toothbrush to brush the tire. Use denatured alcohol to remove pitch. Most tires are crowned. Be sure the blade is riding on the crown of the tire, not the teeth, for even wear. Replacing tires needs five sets of hands. Warm the tire in hot tap water for 5 minutes, and stretch the tire over the wheel. You have about five minutes to work. Dots of glue on an old stretched tire will help keep it from slipping.

The top wheel must be even to the bottom wheel. If you can't keep the blade on the track, put a shim washer behind one wheel to make the wheels even. Remove the table and use a four foot level to be sure the wheels are set even in the same plane. Check the two wheel centers, and see if the level touches four points at once on the outside edge.

Blade Guides can be ball bearings or roller bearings mounted to keep the blade from wandering. Cool blocks (trade name) are a substitute for bearing guides. The solid block rubs against the blade. With a 1/16-inch wide blade, remove the cool block and use blocks of hardwood in their place.

An adjustable blade guide is mounted above and below the table, holding the bandsaw blade. Three rotating bearings are on the blade guide. The rear bearing is the thrust bearing and keeps the teeth from riding on the tire by rubbing the back edge of the blade. Sometimes sawdust gets into the bearings and keeps them from rotating. It is particularly important that the thrust bearing rotate. If the bearing does not rotate, it will eventually be destroyed. The two side bearings should ride just behind the gullet of the blade and keep the blade from moving from side to side. If the side bearings touch the teeth, the set of the teeth will be lost.

Most bearings should be sealed. A bearing lubricant spray is available if they are not sealed. When making cuts with a tight radius, first use a truing stone to round the back corners of the blade. Sometimes people forget that the bottom blade guide needs as much attention as the upper blade guide. There should be enough clearance to put a dollar bill between the bearing and the blade.

Lubrication for the blade itself aids in cutting for the scroll saw but not the bandsaw. For cutting wood, lubrication for the blade isn't needed.

Which blade should you use? A regular tooth or Hook tooth? What teeth per inch? The Web is a good source for this information.

A resaw blade has 4 teeth to an inch, with a skip tooth to remove debris. This blade is good for cutting green wood.

A bent blade should be thrown away.

Keep the wood flat on the table. Use infeed and outfeed tables for big pieces. Make sure the feed rate is not too great. Use a log carriage to move the wood through the blade. Round objects are a nightmare. Clamp these pieces to something. A kickback is scary.

Some saws have variable speeds. Usually they are industrial models. On a Shopsmith use the lowest speed for cutting wood.

Flexing on sliding mount for bearings. Can be locked down, and bearings adjusted to keep blade in center of bearings.

Take a quick check of your bandsaw before using it. Loosen the tension on the blade after you finish using it.

Questions:

Do central bearings for each wheel wear out, and can be replaced? Yes, on old machines. Remove the wheels and check the bearings.

Adjust Camber?

Check tracking of blade by turning wheel by hand and turn camber adjustment on upper wheel.