

Central Florida Woodturners Club
August 16, 2007

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

Present: Harvey Driver, Bill Donovan, Rick Coffman, Bill Wohlfart, Stuart Lilie, Dave Barriger, Bob Miller, Susan & Mike Brooks, Marv Murray, Gene Gross, Bill Smith, Bob Walker and Gene Shields.

Treasurer's report: Bill McNeeley is absent tonight. He reports through Bob Walker that \$4900 is in the club's bank account.

Secretary's Report: Susan Brooks reports that last month's minutes are turned in for posting on the website. She has found several articles on Christmas ornaments and gave copies to Rick Coffman and Marv Murray. She can come up with more articles. Could these articles be scanned into .pdf files and posted on the club's website, perhaps in a secure section accessible to members only? There is probably a copyright issue with the magazines that published the articles originally. Susan must contact the magazines to ask permission.

Bill Wohlfart says he gets India ink at Pearl Art Supply in Casselberry. He uses it to color his turnings. India ink is not known to be toxic.

The last Hands On session was in July at Richard Elenberger's shop. Gene Gross did a presentation on turning icicle and snowman ornaments. It was a good day with 15 lathes running. Another session is planned at Dave Barriger's house in August.

Sonia Barriger will give a marbling class on September 29. The date is not firm.

First Thursday at Orlando Museum of Art. Gene Gross reports a committee meeting next month 4:00 pm at Buttermilk's Restaurant. Christmas ornaments are due at the October meeting. Who will do demonstrations? Dave Barriger will bring his treadle lathe. Who will do exhibits? The museum wants label information in September, so they can make the labels for exhibition pieces. There will be sign up sheets to see who will demonstrate and exhibit their work. One table will hold turnings and tools that the public can touch. One table will be of novice work. Another will hold turnings by advanced turners, with their number of years' experience. The turnings can be sold at the end of the evening privately (meaning the museum will not be involved in the sale). We get the big room on the left of the museum's entrance. Harriet as the Museum's representative should be invited to our October meeting. How does one decide what price to set on turnings? The Christmas tree will be up for bid, not a set price.

The Casselberry Art house is a three-bedroom house used by the Casselberry Art League. The club can use one room in November to sell turnings that don't sell at First Thursday.

Each month there is an Open House for a selected artist. Some art is exhibited at the city hall. This is a good opportunity for the public to see our work.

Harvey Driver has two pop-up tents and two sets of light available for the outdoor demonstration. Dave Heminger offers his pop up tent per Mike Brooks. Is 220v power available for a big lathe? Dave Barriger suggests a wall of platters. There should be two small lathes for ornaments, plus two larger ones.

Central Florida Woodturners

Regular meeting

August 16, 2007

WoodCraft in Casselberry

Bob Walker, President, opens the general meeting at 7:00 pm.

Guests are welcomed. Our guest tonight is Dick Camnitz, dcamnitz@bellsouth.net.

Treasurer's Report: Dave McNeeley, Treasurer, is absent tonight. He reports through Bob Walker that \$4900 is in the club's bank account.

Secretary's Report: Susan Brooks, Secretary, says that the July minutes are turned in. She reports on the Christmas ornament article project. She found numerous articles available in her own collection of wood magazines and gave copies of several articles to Rick Coffman and Marv Murray. Should .pdf files of these articles be made available on the club website so members can easily access articles they don't have? Perhaps they could be in a secure part of the website so only members could download them? Would there be a copyright problem? Susan will contact the magazines about the copyright permission. Stay tuned.

The last Hands Ons class was held at Richard Elenberger's shop. Thanks to Richard for the use of his shop and to Gene Gross for teaching how to make icicles and snowmen ornaments. 16-17 lathes were kept running during the session.

First Thursday at Orlando Museum ART, Nov 1. Gene Gross reports the club's opportunity to be featured on Nov. 1 at First Thursday at OMART. Harriett from OMART will come to our meeting in September at 4:00 pm at Buttermilk's Restaurant. Our Christmas tree for the Festival of Trees tree will be in the demonstration room. This year the tree will be auctioned. The auction starts Nov. 1 at First Thursday and ends the first night of The Festival of Trees on Nov. 23rd. The club will have lathes for demos. Members should bring work to display on tables and display wall, with labels the museum will make for us. There will be a table of bowls and tools that people can touch. The display will help establish woodturning as an art form in our community. Each person will have a cluster of his work and a sign saying how long he or she have been turning. Club brochures will be on the hands-on table. The turning demonstration Popup tents and lights will be outside. Bring your items in during the morning of Nov. 1. The

party starts at 6:00 pm. The museum will organize food and music. Maybe the local children's orchestra will provide for music. Displayers should turn in their information forms at the September and October meetings.

The **Casselberry Art House** offers the club the use of a display room for November, per Bob Walker. Contact. On November 16 an Art Event will be held at City Hall. The Rotary Club calendars with pictures by local artists and ads will be given away. Artists will be present to sign calendars and meet people. It will be ok to sell turnings after the art event, but the city doesn't want to be involved.

Florida Woodturning Symposium. John Russell reported on the 2008 Symposium. Online registration opened yesterday. Minor problems were reported but registration is easy, per Gene Gross and Bob Walker. The cost is \$240 for two to stay at Lake Yale. Registration is \$100.

New Club Shirts Rick Coffman is ordering new club shirts. Sizes are small to XXL. The cost is \$25 and higher. The shirts are dressier than previously and are 100% cotton. Shirts must be ordered tonight.

Dave Barriger reports a **marbling demonstration** on ornaments etc. by Sonia Barriger. September 29 is the confirmed date, but the location is not certain yet. Either Richard Elenberger's or David Barriger's shop will be used. Leave some areas of the ornaments clear and some marbled. Bring some hollow balls to be colored, and with finials made from a different wood. Put on a coat of sanding sealer first so colors don't run. Sand the ornament lightly, coat with an alum solution and let dry. Then apply the marbling. Use acrylics. Richard says his shop is available on the 29th. Start working by 8:30am to get done by noon. The shop is available for turning ornaments after marbling is over. Some J. C. Campbell Folk School catalogs are on the table. The Midwest Antique Tool Collectors will meet at Maitland Civic Center this Saturday from 8-3pm.

Raffle tickets are passed out for giving away Delta items. Prizes are hats, shirts and pens.

The wood auction raised \$69.00

Demonstration: Proposed Delta Mini Lathe

By Joe from Product Development and Tim from Engineering

Delta wants to produce a new mini lathe and wants feedback from actual woodworkers, like ourselves.

Joe and Tim are from the Delta plant in Jackson TN where woodworking tools are designed. They presented the proposed lathe and asked for our feedback and suggestions.

Delta's current mini lathe is the LA 200, a one-speed lathe. Their new lathe will have 12" swing, a 16" length bed, and variable speed. There will be a three-step pulley for three speed ranges and a reversible motor.

The slower speed range is 250 to 800 rpm, good for roughing out blanks. Why not decrease the speed down to zero? A number of turners wanted lower speed, down to 100 rpm. Mike suggested an inexpensive method of cutting the speed in half at the expense of torque. A high to low range switch would engage the additional electronics. As a result the lathe will have six speed ranges, three of which are half speed and low torque. Someone suggested instead adding a five-groove pulley with a wider belt, giving five speed ranges. The difficulty is that the head casting would have to be enlarged. The five pulleys would be superior but the electronic solution is cheaper. Delta seems reluctant to change its headcasting. The motor presently offered is 1/3 horsepower. The electronic drive is a pulse width modulation type. This will allow higher torque than an SCR drive. A narrower pulse width means a slower speed. The PWM will give the best available torque at low ends if a torque compensation circuit was added.

Dave Barriger roughs the face of the turning blank and the belt slips at low speed. He is using a two horsepower gouge on a 1/3 HP motor.

The middle speed range is 600 to 2000 rpm. Dave shapes the bowl in the mid range.

Sand in the slowest speed range. Torque isn't needed for sanding.

Save the highest speed for last cuts. The highest speed range is up to 3200 rpm. The rule of thumb is that the diameter of the blank in inches times the rpm never goes over 9000.

For spindle work (vase, goblet, peppermill), a different speed range is needed than for bowl work (plate, platter, bowls).

Should the lathe be offered with variable speed and without?

The group agreed that torque isn't needed below 250 rpm.

How much extra would one pay to get a lathe that goes down to zero rpm?

For the tool support, don't use round stock, because that would be harder to handle for beginners. The tool post should be 5/8" in diameter. The tool rest needs to drop down lower than the center of the lathe and should go 1.5" below the center.

Tim's innovations on the LA200 lathe get applause.

The lathe itself is the cheapest part of the turning outfit. (General laughter in agreement) Vibration is present in any lathe. Weight down the lathe stand with sandbags to reduce the vibration.

Is Jet better than Delta? Someone says Jet is cheaper, but Jet did better marketing.

We would expect to pay \$500 extra for a 12" swing and a variable speed motor.
It is suggested that Delta offer a lathe stand instead of a chuck.

Joe thanks us tremendously and says 'keep this information confidential!'