



VOL 11/12

PRESIDENT'S REPORT

November 2012

To solve a problem, "Think outside the square," or in Rick's case think inside the pentagon. Gluing a small block on each pentagon and holding several in place with rubber bands proves a simple effective way to keep pieces together to make a sphere. Rick stressed that it was very important to make each piece accurate in size and angles.

Rick's demonstration of a way to use a laser beam in finding the thickness of the wall of a hollow vessel showed that it is worthwhile exploring. Thanks for the demo Rick.



OUR NEXT MEETING WILL START LATER - 10.00AM

At that time toys for the Salvation Army and Eastern emergency relief can be placed on the tables in two groups. Hopefully there will be a good collection of good quality turned toys but other bought toys will be welcomed.

The toys will be presented at 10.30am

As previously mentioned the cost of the luncheon will be \$15 per person so when you arrive find John Osborne² who will be acting as treasurer. Also see John if you are claiming re-imbursments.

After the toy presentation we will need assistance to arrange decorations and the tables and chairs for the luncheon. Some help will also be needed with the food arrangements in the kindergarten room. In the past this has always been willingly offered.

Special thanks to the committee members and others who have volunteered to bring the necessary things - don't go home without collecting any plates or equipment you bring.

The Thursday afternoon sessions will continue until the end of November.

On behalf of the committee I say, "Have a happy and safe Christmas festive season with the family but at the same time complete a difficult turning project that you have been thinking about but putting off for some time."

Ray

OCTOBER MEETING SHOW & TELL Lead by Mal Jackson



Costal banksia bowl with large wing and natural edge . An oldie by David Scott.



Christmas toy dog by Alan Thompson. Hand made joint. Ya gotta love those ears. Finished with sanding sealer, danish oil then Mr Sheen.



Two Drozda style lidded containers by Ray Smith. Very old sheoak with huon pine finial (RHS). Second, (LHS)(from cypress pine and acacia finial.



Owls of wisdom out of pine. Bowl with black stained ring made from Magnolia . Lidded container of claret ash & red gum.. was to be a sphere, however , a catch required a revision in design. All by Graham Besley



LHS: Red gum & mountain ash candle stick holder. 3 fluted goblets from american walnut, red gum & Italian beech. All by Val Dalsanto

RHS: Huon Pine vase by Ross Gabriel, Patina wood Needle Case by Frank Larsen. Duck in blackheart sasafress by Gary Voyer.



OCTOBER DEMONSTRATOR, our very own RICK GILKS:

Rick is famous for his marvelous turned soccer ball, which we have seen displayed on a number of occasions. Rick took us through the steps to produce this segmented object. A number of key steps and advice is summarised for those Guild members that are tempted to have a go. (Apologies from the Editor if any steps are not clear.)



A Sphere is constructed from 12 pentagons and 20 hexagons.

Print out each disk shape with 43mm sides. Use a fine line for accuracy. Glue a sheet to each piece of wood. Cut sides on bandsaw using jigs as shown below. Use a disk sander and sand to the line on each face. The angles must be super accurate. Check angles by glueing 5 segments together to make a bowl (refer photo below).

Glue sacrificial knobs with paper joints to each segment. This makes it easier to handle and for assembly with rubber bands.



Assembly of the segments for glueing and adding rubber bands requires at least two pairs of hands. Most members had a go at the assembly and found it a challenge. All the hexagons must be glued in one go. The pentagons are glued as a second step.



Two opposite knobs are formed as spigots and glued without the paper joint. When dry, the ball is mounted and the knobs with paper joints are removed with multi grips. Commence turning on slow revs (say 800) with bowl gouge. Pull cuts work well.



Edges of segments are removed and sphere begins to take shape. Make a shallow cut on the center of the sphere with a parting tool and then mark the cut with a heavy pencil line.



Remove ball and insert between cup chucks. Line up the ball so that the line produced above is exactly in line with the lathe axis and ensure the ball is central. Now turn the ball to the marked line. This ensures a perfect sphere is produced. Scraping is best when close to the line. This process of marking a central line is repeated so that the area under the cup chucks is turned.



Threaded live tailstock allows the cup chuck to be easily secured. (Useful gadget costs around \$80.)



Rick recommends use of the above 'Garage Door Lube' silicone spray lubricant on the lathe bed.

On a recent trip to England, Rick took a training course with a professional turner who had a jig for determining the wall thickness when deep bore turning. The system uses a laser light that tracks the location of the cutting head. When the laser beam falls off the edge of the work, the set wall thickness has been reached.

The cutting tool is pivoted on a pin that is mounted on the tool rest. This allows for improved tip control. Rick has made a similar unit and demonstrated how it works.



Thanks for a very interesting and enjoyable demonstration Rick

SOME INTERESTING WEBSITES TO VISIT:

<http://www.turningtools.co.uk>

The Woodturners Workshop provides a range of turning ideas, projects, gadgets and turning tips by Brian Clifford.

www.laymar-crafts.co.uk

A comprehensive section on tips, equipment (including deep boring gear) and project ideas by Richard Stapley.

SOME FINAL JOKES FOR THE YEAR:

*A carpenter was giving evidence about an accident he had witnessed.
The judge asked him how far he was away from the accident .
The carpenter replied, " Twenty seven meters and sixteen centimeters." .
"What? how come you are so sure of that distance?" asked the judge.
"Well I knew some idiot would ask me, so I measured it" replied the carpenter.*

*Bob the Turner had a lot of work ahead of him, so he decided to hire a part time helper.
"Your first job will be to sweep up the sawdust" he said handing him a broom.
"Look, I'm practically a university graduate" the young man protested.
"No problem, I'll show you how" Bob replied.*

Have a Merry Christmas.
Cheers from your editor.