



# Space Coast Woodturners

## Minutes/Newsletter of Space Coast Woodturners – June 8, 2016

Submitted by Randy Hardy – Secretary

Just a reminder – the meetings are held on the **second Wednesday** of the month from 7:00 – 9:00 PM and the hands-on sessions are held on the **third Saturday** of the month from 9:00 AM – Noon at Melbourne Village. Doors will be open at around 8:00 AM so come early and help set up. We always need extra help with the lathes, etc.

**President Russ Bremmer** opened the meeting at 6:57 PM. He welcomed everyone and asked if there were any visitors. There were 3 – Jim Ford (a former member), Denny Demuth (a former member that now lives in Michigan), and Denny's grandson Logan Elwood. Russ said our demonstrator for tonight is Read Johnson doing kaleidoscopes. Since Read's demo is fairly long, the meeting will be abbreviated and we will do Show & Tell at the end if we have time.

**Vice President – Terry Justice** – The VP challenge for the next few months is a three-legged stool similar to the one described in a previous issue of the AAW magazine. The planned Vice President's challenge for this month was stool legs, but there wasn't much participation, so it will be postponed until next month. If you want to continue with the VP challenge, PARTICIPATE! The challenge is composed of 4 parts – part 1 (July) will be the legs. Part 2 (August) will be the stretchers, part 3 (September) is the seat and the final part (part 4, October) is assembly. The hands on workshops will be aligned with these parts.

The current schedule of demonstrations is:

Month	Presenter	Topic
July	Kevin Nowak	Segmented turning
August	Bob Winborn	Christmas ornaments
September	Rick DeTorre	
May, 2017	Jimmy Clewes	

**Treasurer – Harvey Driver:** The club has \$x in its account.

### Old Business

Offset chuck (like Russ Bremmer used for the demo in May) is available from Ruth Niles (<http://nilesbottlestoppers.com/Pendant-chucks.html>) for \$110 (deluxe) and \$85 (complete) and \$65 (basic). She is willing to offer a discount for a club order. Rex Bradburn is organizing the club order – he can give you the details.

## Demonstration - Kaleidoscope Read Johnson

Read said the word “kaleidoscope” comes from two words:

Kalis – meaning beauty

Scope – to look at

He went to a course in North Carolina with James N. Duxbury (<http://www.duxterity.com/ec/>) as the instructor. The kaleidoscope consists of three major pieces: the image case, the mirror tube, and the twist tube.

The image case consist of a small piece of 1-1/2” PVC. Use a scraper to make a ledge on both faces. Glue a piece of clear plastic on one side and a piece of “crinkle” plastic on the other. Fill the case (before you glue the 2<sup>nd</sup> piece on) about ½ way with translucent beads. You can cut the lens with a hole saw in a drill press holding the sheet between two pieces of 1/4” plywood or (a better way) use one sheet of plywood on the back and the hole saw on the front with an air compressor blowing air on the plastic to keep it cool as you cut. You can get sheets at Home Depot or Lowes – the plastic sheet that is used on fluorescent light fixtures. Glue the 1<sup>st</sup> lens in place with superglue, put in the translucent beads, and then glue in the 2<sup>nd</sup> lens. Don't use superglue for the 2<sup>nd</sup> lens because it outgasses and will glue all the beads together in a clump. Use E6000 instead. You can get it at Micheal's or at Ace Hardware (it's called “marine glue” at Ace and is way more expensive). Let your image case cure overnight.

For the mirror tube, you can arrange the mirrors as a triangle or square, but for the demo Read used a triangle. Use front (or first) surface glass (you can get it at <http://www.kaleidoscopestoyou.com/>, a place in Idaho (actually, they're in Iowa)). Buy a glass cutter (~\$8). Spring for the better one, not the one with the metal ball on the end. Use oil to lubricate your cut (WD40 works fine). Make the scoring with glass cutter and then use glass pliers (\$16-\$18) to break the glass along the scored line. Set the blade of your table saw at 60 degrees (use a 30-60-90 degree triangle to set it accurately) and cut a long tube to hold the mirrors in place. Practice on cheap glass first. Don't use old glass from around the house. Make a wood cone on the headstock (tailstock?) side and chuck up the tube and turn it round. Use metal tape (HVAC tape, not duct tape) to hold the mirrors together and slide them into the mirror tube.

For the twist tube, make a short tube that has an inside diameter that matches the outside diameter of the mirror tube. Drill a 1-1/2” hole in the end to accept the image case. Leave at least 1/8” thickness to hold the image case. Make a small groove on the inside of the twist tube and the outside of the mirror tube to accept a teflon “O” ring. An alternative to a teflon “O” ring is the sheathing of a piece of THHN wire (12 gauge). Put the “O” ring in the groove on the mirror tube and slide the twist tube over the “O” ring, so the “O” ring seats in the twist tube groove and makes a friction fit with the mirror tube. Make an eye piece for the mirror tube. Put a lens over a 5/8” hole – the lens will protect your should anything happen to the mirror.

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## **Raffle**

\$10.00 gift certificate to Craft Supply – Bob Cusomano

\$10.00 gift certificate to Craft Supply – Stan Knopf

\$10.00 gift certificate to Craft Supply – Denny Demuth

Bowl blank – Russ Bremmer (again)

2 chunks of wood for pen blanks – Rick Skluzacek

Free DVD rental – Scott Barnard

Bring Back item – provided by Stan Knopf won by Terry Justice. The Bring Back item is any turned, or non-turned item that a member donates to the club. The winner of the raffle for that item gets to keep that item, and then must bring in something that he/she has turned (or not turned) and donate it to the club at the next meeting.

The next meeting is July 13, 2016 at 7:00 PM. Don't forget the hands-on session on July 16, 2016 at 9:00 AM.

# SPACE COAST WOODTURNERS

The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects

## Officers:

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