

UTAH WOODCHIPS



Message from the President

November - 2007

We were privileged to have Kip Christensen demonstrate on October 2nd at Craft supplies. The meeting was well attended and we had opportunity to rub shoulders with a number of the masters. Dale, Mike, Kirk, Joe and Paul were there in addition to Kip who showed us how he makes lighthouses. Of course you can read more about it inside. Thank you Kip for a great demo and thank you Craft Supplies for having us.

Our October third Thursday was a great meeting as well with a demonstration by the Robert Sorby company. Thanks Woodcraft for your hospitality.

I am enclosing the contents of an email from Mary Lacer for your review. While the subject of the AAW is raised, this is a good time to renew your AAW membership or join if you are not yet a member. Visit <http://www.woodturner.org> for more information.

Dear Local Chapter Members -

The AAW is applying for a grant from the St. Paul Travelers Insurance Company for a special education project here in St. Paul. We have been told that our chances will be greatly enhanced if we have members who are current employees or retirees from the Travelers insurance company.

If you are a St. Paul Travelers Company employee or retiree from any of their locations, please let us know by calling us at 651-484-9094 or e-mailing mary@woodturner.org.

Thank you. Mary Lacer

November will be a busy month for us as well with our November 6th meeting to be held at MacBeath Hardwood. Doug Turner will demonstrate a donut box. We will also have demonstration opportunity at Timberline Woodworkers Supply during their annual tool show. The dates are November 14 thru 17th. I will have a sign up sheet available at the next meeting so we get good coverage on all days. Because the third Thursday in November is during the show our training meeting for that month will be held at Timberline as well.

Don't forget our Christmas party coming up December 4th at Woodcraft. There will be a potluck dinner at 6:00 pm followed by a demonstration on making thimbles by Joe Wagner, gift exchange and a prize give-away for current members.

The 2007 symposium DVD is now complete and available. The cost including shipping is \$35.00 but they are available at club meetings for \$30.00 saving shipping cost.

Remember to do the turners' challenge each month. The challenges are a great way to practice what we learn in the demonstrations and hone our skills. The best few (judged by me) will receive a \$10.00 gift certificate from Craft Supplies, USA. Any current member can enter.

—Dave Best

Regular Monthly Meeting (first Tuesday)

Nov. 6th — Macbeath Hardwood

1576 S 300 W - SLC

Dec. 4th - Christmas Party

Woodcraft—9891 South 500 West

Sandy, Utah—6:00 p.m.

Jan 8th —

To Be Announced



NOW AVAILABLE: The 2007 Utah Woodturners Symposium DVD or CD

2006 Utah Woodturners Symposium CD is still available

We also have CD's back to 1999

The CD is **compatible** with PC and Mac
Cost \$35.00 each and includes shipping

If you would like to buy a DVD or CD at the club meeting, they are available for \$30.00 by saving shipping costs

Kip Christensen - Lighthouse

We were fortunate enough to have Kip Christensen as our Presenter tonight. Kip began by explaining he had gotten this idea for a lighthouse turning, from Tracy Hassett, a now retired Oregon production turner. He started with a 3x3x12 ash blank. Kip drilled a 1/4" hole, chamfered the base, and mounted the blank on a screw chuck smaller than the finished diameter. He then roughed it down to a cylinder using a spindle roughing gouge. Kip laid out rough dimensions, and made a wide parting cut near the tailstock end. Leaving it attached, he formed chuck tenon on the tailstock end. Kip then shaped the tower with smooth cuts making sure of good bevel contact.

Kip used a 3/8" spindle gouge cutting downhill on each side of the cove, and then joined the two sections for a smooth transition. He sanded using strips of paper in a "shoe shine" motion through 400 grit, and then used steel wool. He cautioned that the base of the lighthouse needs to be a straight cylinder, not tapered, so it will fit down into a burl cap base with no gap. Kip added some small detail cuts, with cuts near the top closer together than those near the base. He used a wire to burn markings, and then sanded away the residue before applying Mylands Sanding Sealer. The first coat is applied with the lathe stopped to avoid "sealing in" which will evidence with white specks, sealed under finish, cut back with steel wool, then second coat of same for matte finish.

Kip began to shape the cap. He puts a piece of tape on the piece to get a "grain match". He then parts off the cap, leaving stub tenon for drill guide jig to drill pillar holes. He leaves a slight chamfer, and then puts up a jig to help size a tenon to fit the drill jig. He puts a mark on the jig aligned with grain mark, and then removes the tenon and sanded the end with power sanding through grits using Velcro disks to help prevent a dimple and finished with steel wool. The intent is to create a flat surface, but slightly concave is okay. He applies finish to the end.

He changes to a short tool rest, and mounts "cap" portion in chuck using the tenon formed earlier, then faces off the end. He then drilled a hole in end 1/2" deep. He puts his drill jig on the cap lined up with grain match and drills holes for pillars. He said to turn a little chamfer so you won't notice the mushrooming hole. He then finishes as before.

He reverses onto small screw chuck in same hole, formed cap using 3/8" spindle gouge. Here you have the option to turn it complete with finial, or leave a flat and drill a hole for a finial of a contrasting wood. On this project, Kip drilled a 1/4" hole to mate with a finial of African Blackwood. Then sand and finish the cap.

Kip mounted Blackwood in another chuck, in this case an Axminster with large extended jaws, and then roughed down to an acceptable diameter. He then formed a tenon on the end with parting tool. He put the cap back on lathe, and glued finial into cap with super glue. Kip used a spray accelerator on the tenon, then continued to shape finial with tailstock brought up. Kip hand sands, being careful not to sand away details and crisp lines of the cove and bead. Kip went back a couple of times with tools to make sure cuts were clean and details sharp. He sanded through 600 on finial. He used steel wool, but warned to hold tight and close so it does not wrap and break finial. He then tapered the end to cut off supporting the back with his fingers. His fine unsupported cuts were very precise. Kip finished the cap with wire burn detail on rim and then went to finish again with lathe stopped for first coat.

Assembly: The nylon coated cable that holds the crystal is 12 thousandths and is needed so the crystal will not cut through the cable. To terminate the cable, he used a crimp bead with needle nose pliers. Kip made a wooden jig to cut the pillar rods of 3/8" stainless rod to the same length. Kip has a "Split ring" he puts in place to make roof parallel then glues them in with CA.

Base: Kip likes to use burl cap, and a weathered look is okay, maybe even better, this one was sand blasted. Kip drills hole for screw chuck in back, off center, and mounts on screw chuck. Be careful because it will be out of balance so start slow and stay away from edges. Turn recess, using a bedan scraper, down deep enough to get below irregularity on "island" base. Kip is careful to "sneak up on" the correct diameter so you get a good tight fit, make several stops for test fits.

He drills a 3/16" hole and puts a 3" grabber screw to hold lighthouse in place on base. The end product was really great! Thanks Kip!



Dave opens the meeting



Great crowd at Craft Supplies



Mounted and ready to be roughed between Centers



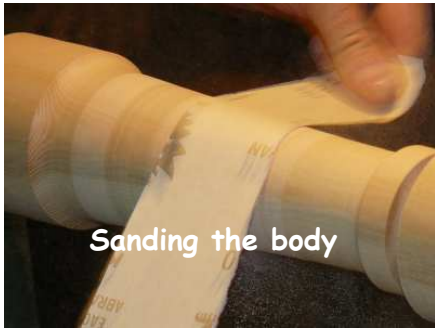
Roughing with a large gouge



Laying out the parts



Shaping "the cove" for lighthouse body



Sanding the body



Burning the decorative lines



Tenon is for drilling jig, note holes for pillars



Top is now mounted, with tenon again for drilling jig



Drilling matching pillar holes with "drilling jig"



Top turned around and formed with hole for finial



Finial mounted back in top, nearly ready for sanding



Turning burl cap base, forming recess with bedan, Be Carefull



Size recess carefully for a "seamless" fit



Beautiful Finished Lighthouse

Utah Woodchips

the official newsletter of the Utah Association of Woodturners

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Be sure to look at our club shirts, hats and videos on our Club Website:

utahwoodturners.org

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Utah Association of Woodturners

The Utah Association of Woodturners was formed in 1988 and is a local chapter of the American Association of Woodturners

Meetings - first Tuesday of each month at various shops or wood stores that support our club

Refreshments 6:30

Meeting 7:00 - 8:45 pm

You are invited to attend and become a part of the group. For more information contact any club officer.

Dues begin July 1st of each year:

\$25.00 full year

\$20.00 three quarters

\$15.00 half year

\$10.00 last quarter

Spouse \$10.00

Training Meeting
3rd Thursday—7 pm
Timberline in Orem



Show 'n tell

Turners Challenge
Oct (for Nov meeting)

Goblet

Nov (for Dec meeting)

Acorn Ornament

Dec (for Jan meeting)

Lighthouse



Turner's challenge this month .

For Sale or Trade

14" Band Saw
 Delta Jig Saw
 Craftsman 4" jointer.

Call Jay at 801-598-0780

Cast Iron Bench-mount Delta 46-700 Lathe, 3/4 hp variable speed 500-2000 w/accessories and duplicator. \$400

Call Rich at 801-782-2865