



## Wood Turners of Polk County August 13, 2009 Meeting Minutes

Eric Kline called the meeting to order at about 7:05 PM at the Bartow Civic Center. Total attendance was 17.

Visitors: Allen Johnson and Chad Sweringen from Tallahassee (Clif's guests.)

Previous months meeting minutes and Treasure report were distributed by e-mail.

Current balance is \$1,721.84 (8-15-09). Income of \$13 from the Raffle and \$30 for dues. Stan Ross won the \$13 raffle.

Don Gieger will come to do a workshop on sharpening tools September 10, followed by a sawdust session at the Hockenbery's on September 12 in the AM. The October demonstration will be Ron Browning doing a pepper mill. November Demo is scheduled to be Glenn Ploeckelmann on hollow ornaments.

Show & tell pictures are attached for the following:

Ron Lewis – Oak Pen

**Clif** – Two large hollow forms with final tops.

**Richard Burton** – 2 Flasks – (see photos- excellent!!!!)

**Ted Smith** – Chalice – made from cedar fence post, finished with Wal-Mart clear spray.

The meeting portion was concluded at about 7:25 pm, Ted Smith demonstrated making a hook tool then using it to demo how it is used to cut that inside end-grain of various items (see photos). We have video of this demo if anyone wants a copy.





Clif's boxes, Ted's goblet



Hook Tools and Mounting - Demo



Here are a few pointers on Making the hook tool:

Get your metal to work with – for a single shaft and tip, get a drill rod (tool steel), shock absorber shaft, etc. and grind or forge the tip to a thin blade. I demonstrated using a separate tip make with a concrete nail (cut nail). These are high carbon steel, cheap, and work very well. Grind the final cross section now. Heat with propane torch (or other hotter flame) to cherry red and bend hook with pliers. Add in off-set and any other bends now. Cool slowly as now is also the time to file to final shape, and get edge in shape.

Reheat to cherry red, and dunk in cold water to harden. If you want – temper (soften) by heating slightly to “straw” color, and dunk again. This should leave the metal hard, but less brittle. See link on web site for instructions, or go to web and do search for heat treating. After heat treating, make final grind on outside of hook to finish edge – very lightly.

To use the hook tool, use the same as a bowl gouge, start with the hook in a vertical position, and rotate about 20 o clock wise to start cutting. NEVER turn hook horizontal, unless you love to

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experience a wicked catch. With a little practice, you will be able to make very clean cuts of end grain in the bottom of box, goblets, etc.