

The Chip Pile

Keeping Austin Turning Since 1988

The Newsletter of the Central Texas Woodturners Association Austin, Texas

A Chapter of the American Association of Woodturners

From the President's Shop

MAY MEETING

Tuesday, May 19, 2009 7:00 - 9:00 PM American YouthWorks - Austin, Texas 1901 East SH 71 (about 1/4 mile east of I-35 on south side of SH 71)

FIRST SATURDAY TURNOUT

The First Saturday Turnout for June will be at 9:00 AM on June 6, at a location to be announced

Learning Time

One of the really nice things about the woodturning community in this country is the large number of opportunities to learn new skills and ideas. This is most obvious in the national and regional symposia that dot the calendar from early summer to mid-fall. In addition, there are numerous opportunities at various craft schools like Arrowmont and local club sponsored demonstrations and hands-on classes that feature nationally known turners.

The Learning Season kicks off with the 30th Annual Utah Woodturning Symposium, the first of

the national symposia, which will take place in Provo, May 14 - 16. The 23d Annual American Association of Woodturners (AAW) Symposium, the largest in the world, will be held in Albuquerque, New Mexico, this year, June 26 -28. CTWA will be making its own contribution to the Learning Season with demonstrations and hands-on classes with **Mark St. Leger**, July 18 -22. In the fall, you get another chance at the SouthWest Association of Turners (SWAT) Symposium, the second largest in the world. That event will be October 16 - 18 in Wichita Falls, Texas.

For now, I would like to encourage your attendance at the AAW Symposium in Albuquerque. For those of you

that have been to one or more of the national events, you know how much you can gain from them. The Symposium this year has the advantage of being within relatively easy driving distance, which will reduce the costs somewhat. Speaking of driving, I would encourage those of you who are going but might want to share a ride and gasoline expenses to get together. I will bring a sign-up list to the meeting so we can see who plans to go and who might like company.

You can find out more about the Symposium in the Spring 2009 *American Woodturner* or by going online to www.woodturner.org. You may register online as well. I have been to two of these national events, in Louisville in 2006 and in Richmond in 2008, and can tell those of you that were turned off by the lack of organization in Louisville that the AAW seems to have things back on track. The Symposium at Richmond was very well managed. I have registered for Albuquerque and hope to see many of you there.

Just a note to remind you of the President's Goblet and Egg Challenge coming up in June. Details can be found elsewhere in this issue of the newsletter. If you need help, call one of the Volunteer Instructors on our list. **Dave Dick** will be demonstrating turning a goblet at this month's meeting. Also, I saw **Bob Duncan** practicing on eggs as the May First Saturday, so don't get caught napping.

Clyde



Our program for our April meeting took a little different turn from most. Instead of one demonstrator, we had four, conducting a primer on finishes and demonstrating the application and pros and cons of various finishes.

Craig Timmerman got things started by demonstrating application of thinned

Deft lacquer using a paper towel, then buffed dry with a second paper towel. He repeated this process three times. This is Craig's preferred finish for his art pieces and most of his work that



isn't expected to see food use, such as functional bowls and platters. The

Monthly Features

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Editorial Information

This newsletter is by and for members. The Editor welcomes any written materials and will provide assistance with getting your information into publishable form if you want. DEADLINE IS THE FIRST MONDAY OF THE MONTH. Contact me with your ideas and drafts by phone at 512.295.2144, by E-mail at ckay@austin.rr.com or mail them to:

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c/o Charles Kay 100 Matzig Cove Buda TX 78610-3108 finish is dry when you are ready to remove the piece from the lathe and is easily buffed to a high luster using the



Beall System. Because of the solvent, good ventilation and protective gloves are recommended when using this finish.

Charlie Kay then used three different bottle stoppers to demonstrate three finishes that he relies on for various items that will see heavy use

and be exposed to water drops. He first applied thin cyanoacrylate (CA) glue, dribbled on with the lathe barely turning, using a small polyethylene baggie on one finger to evenly spread the CA glue as it dried. A sec-



ond and third coat can be applied as soon as the previous coat is dry. If you get a tiny drip or line, it can eas-



ily be sanded out before the next coat is applied. Next, using a small paint brush, Charlie applied a couple of coats of Minwax Polycrylic water base finish. Both of these finishes have the advantage of drying quickly, allowing more than one coat to be put on while they are on the lathe, and making them easy to remove from the lathe so you can stat the next piece. Both dry to hard, clear finishes that wear well, and take readily to buffing using the Beall System.

Charlie next turned to Waterlox, a wiping varnish that has enough resin solids to make it quite durable and water resistant, unlike pure oil finishes such as Watco or Minwax. He applied one coat to the bottle stopper using a small soft rag. Waterlox makes a durable finish, but the piece will still be a bit sticky when you take it off the lathe. Also, two or three coats are preferred, meaning you will have to wipe it with Waterlox again over the next couple of days. For this reason, Charlie usually applies Waterlox off the lathe. Waterlox buffs out nicely. Be careful to dispose of the application rag properly when you are done to avoid spontaneous combustion and a fire.

Craig then returned to demonstrate



the finishes that he prefers for utility bowls and platters that may see food use. These are Mahoney's Utility Finish, which is based on walnut oil, and Kunos Natural Oil Sealer, based on livos oil. Both of these products



are applied off the lathe. The Kunos oil is imported from Germany and is quite expensive. It goes on as a white coating and dries clear. You must be



sure that there are no imperfections or cracks or the finish will dry white in those crevices. Craig usually takes an air hose and blows the excess finish out of those spaces as well as out of the signature rings on the bottom of the piece. The Mahoney's finish is more forgiving to apply, but does not dry quite as hard as the Kunos.

Jack Besperka took the stage and discussed the various kinds of finishes. These include drying oils such a linseed and tung, non-drying oils such as walnut, resin based drying finishes like varnishes, and solvent based finishes that allow an already hardened polymer to be deposited on the surface after the solvent evaporates. These include shellac



and lacquers. All of these finishes have their plusses and minuses and Jack explained these for us.

Tim White then explored friction



polishes. They usually contain shellac and beeswax, either in an ethanol solution or in a wax stick. The sticks usually also contain a bit of fine abrasive, to help minimiize tiny scratches. Suppliers include Hut, Mylands and Shellawax. They are quick and easy to apply on the lathe and are preferred by many turners who specialize in pens and other small objects. They are not as durable as some of the other finishes.

All of the demonstrators emphasized that you will not get a fine finish unless you have first sanded the piece until all visible scratches are gone. No finish will cover or fill those scratches. A first class finish is impossible without first class sanding.

Finally, if you want a truly great finish, you have to "finish the finish." Classically, on furniture, this was done by rubbing the finish with first pumice then rotten stone using paraffin oil. **Jerry Whiteaker** is a master of this technique, as his superb Deft finishes will attest. He wrote an article for **The Chip Pile** on the technique several years ago that we should probably reprint.



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There is an alternative that provides a very nice "finished finish," though not the high gloss that Jerry achieves. That is the Beall Buffing System. Charlie demonstrated that process for us. The piece, with fully cured finish, is buffed first with a wheel charged with tripoli, then with a softer wheel charged with white diamond and finally with a much softer wheel charged with solid carnauba wax. Less is more when charging the wheels. Hold on tight to the piece you are buffing and don't let a sharp edge catch on the wheel, or you will see how well your piece bounces off the floor.

The Beall System can be used on a dedicated buffer, by using a mandrel



that mounts in the No. 2 Morse taper in the head stock of your lathe or a three buff system with all three wheels mounted on a shaft that mounts between centers on your lathe.



There was a lot of information provided we are expecting to see the quality of finishes improving on our Show and Tell table!



wood box turned by **Steve Green** for **Hilda Carpenter**. **Johnny Tolly** took home a cedar elm vase finished with Deft turned by **David Dick**. **Tim**

While, assisted by son Travis, held the lucky ticket for a set of thickness gauges made by Ed Roberts. Doug Green won a vase turned by Steve







Green for **Hilda Carpenter. Dave Dick** was the lucky winner of a child's set turned from bocote. (Sorry, no photo of the thickness gauges.)

As is the custom, each of the winners will bring back a turned item to the next meeting.

The Bring Back items should be representative of each person's best work. It should be noted that the Bring Back Raffle is meant to be a fun event. No one is grading you on the quality of your work. Just bring a piece that represents the best that YOU can do. If you don't yet have a lathe or don't feel that you have enough experience, contact one of our Volunteer Instructors to help you prepare a Bring Back piece. So buy a ticket, get involved and have fun.

Show and Tell

Mack Peterson brought along a bowl on a stand turned from mesquite and a segmented vase of pine, walnut and maple.





Frank Miller showed off a pocket sharpening steel and a magnifying glass.



Peter Hawkins brought a natural edge hollow vessel turned from a cedar elm burl, finished with salad bowl finish and Beall buffed.



Bob Elfant brought along a segmented bowl of walnut and poplar, finished with Danish oil.



Joe Kirk showed some Easter eggs turned of silver maple and western red cedar and finished with Poly Gel.



Ed Roberts brought a pair of mesquite vases finished with Wipe-on Poly.





Gene Stokes showed off a natural edge mesquite platter finished with Minwax natural.



Steve Green brought along a pair of pieces, a cocobolo weed pot with twisted grooves and an ash platter, carved, dyed and finished with shellac.





Charlie Kay showed off five bangles of various woods, all finished with tung oil and Beall buffed.



H. O. Evans brought a pair of wineglasses, which he described as segmented due to failure.

David Dick showed off several items, a pecan platter finished with Deft, two vases of crape myrtle, a bowl of maple burl, all three finished with Deft, and a set of gauges of blackwood finished with wax. Sorry, but we didn't get photos of Dave's pieces.

As in March, there were a number of other pieces, but unfortunately I am unable to credit them. Somehow, the Gremlins infested the system. Either I managed to lose the description tickets or they got picked up while I was being distracted as the meeting was breaking up. So here are the photos and thanks to those who brought the items. Sorry I cannot include your names.









Thanks to all who participated, even if we aren't able to credit you.

business meeting.

There were 59 people at our

ing five visitors. President

Clyde Little conducted the

April 21 meeting, includ-





updated Volunteer Instructor list in the newsletter and encouraged new members to contact any of the folks on the list that can help them with problems they may be having with their turning.

Clyde discussed a meeting he had with the leadership at American YouthWorks. They will be remodeling their cafeteria during the summer recess, and that will necessitate our moving our meetings to various other rooms during the summer months. American YouthWorks has also asked for assistance from our club in organizing their repair shop, where they maintain their equipment. If you can help with this chore, please let Clyde know. While you are considering whether or not to volunteer, remember that we have this meeting place free of charge. We do conduct the pen turning session in May for graduat-

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ing seniors and provide turned pieces for their fund raising auction in the fall. They ask very little of us and this would be a service that would not be much work for one or two of our people.

Speaking of the pen turning session, Clyde asked for volunteers to lead that effort on Wednesday, May 13.

President Elect **Gene Stokes** reported that we have two potential Outside Demonstrators for 2010, Trent Bosch and Alan Lacer. A straw poll was overwhelmingly in favor of Bosch, so Gene will proceed with making the necessary arrangements.

Clyde announced his second President's Challenge for 2009. Members are asked to turn a goblet with an egg or sphere that will fit inside it. As always, originality is in your favor.

Johnny Tolly reminded members of the Texas Technology Students Association competition in Waco, May 8. CTWA has again been asked to provide judges.

Membership Chairman **Jim Spano** reported that 2009 dues are still outstanding for several members, and asked for their compliance.

Program Chairman **Tim White** reminded us that we should be signing up for the Mark St. Leger events in July.

Turning a Long Stemmed Goblet

Teaching woodturning classes has taught me to look for easier ways to do things. At least I like to try other ways to make things. I will attempt to do a long stemmed goblet in a way that can be accomplished at any skill level. By making the goblet in sections, the desired length can be achieved even with a minilathe.

This demonstration will include making a mortise and tenon joint and thin turning tips. As usual, I will expect some advice from the group while the demo is in progress.

Lets have fun turning.

Dave Dick

Program



An Egg in a Goblet?

President Clyde Little has announced his second President's Challenge of 2009. He has challenged us to turn a chalice or goblet with an egg or sphere fitted inside it. Kinda makes you wonder what else Clyde puts in his goblets, doesn't it?

Specific rules are as follows:

the stem must be at least as long as the bowl is tall

the egg or sphere must fit inside the bowl of the goblet

there are no restrictions on size, shape, materials, design, finish, etc.

Clyde says he is looking for the unusual, the elegant or something he hasn't thought of yet. So let your mind run amok and surprise him.

First and second prices will be given in three categories:

Overall Presentation (quality of turning, design, finish and overall look)

Originality

Shape and quality of best egg and best sphere

The competition will take place at the June 16 club meeting, so you'd best get on with planning your design and get to turning.



Photographs for this month's **Chip Pile** were provided by **Drew Shelton** and **Rusty Myers.** If you have digital photos that you would like to have considered for use in the newsletter. Send them to the Editor at **ckay@austin. rr.com**.



Mark St. Leger has been confirmed for our quest demonstrator for this year. Mark has been an active demonstrator and workshop leader for turning clubs throughout the country, as well as demonstrating at many regional and national symposia. Some of you may have caught one or more of his demonstrations at the 2008 SWATurners Symposium in Waco. He is currently on the faculty list of Arrowmont School of the Arts in Tennessee, Appalachian Center for

Craft in Tennessee, Peters Valley Craft Center in New Jersey, and the John C. Campbell Folk School in North Carolina. Mark also finds





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onstrations will be provided at a later date. The cost for this session is \$20.00, or \$25.00 if you want lunch to be provided. You can sign up for the session by contacting Tim White at 512-853-9604 or by E-mail at twhite601@austin.rr.com. Please register and pay in advance. The deadline for payment will be the June 16 club meeting.

In addition, Mark will also be conducting two Hands-On classes, one for beginners and one for intermediate woodturners. The classes will be at Clyde Little's shop, 14307 Geronimo, Volente, TX 78641. The Beginners class will be held on July 19 and 20, and the Intermediate class will be held July 21 and 22. Details as to what you will need to have for the course and what specific topics will be covered will be made available as soon as they are finalized. The cost for the classes will be \$100 per day. You may register for the classes by contacting Tim White at the E-mail address above. You will need to pay a deposit of \$100 at the regular club meeting immediately after you have registered. The remaining balance will be due at the June 16 regular club meeting. Space will limit participation to eight students in each class, so don't delay in getting signed up for the classes.



SOUTH

Bill Hammack 512.282.0832 (tops, tiny turnings) 512.282.1036 Stacey Hager (basics, spindles, sharpening, hollow vessels) Johnny Tolly 512.858.4471 (basics, open segmented) 512.894.0686 Jimmy Tolly (basics, platters) Craig Timmerman 512.288.3598 (basics, square turning, hollow vessels) Charlie Kay 512.295.2144 (boxes & bottle stoppers) H. O. Evans 512.282.2830 (segmented turnings) Jack Besperka 512.261.4682 (decoration & finishing)

NORTH

Rusty Myers 512.218.1606 (basics, boxes, kitchen ware) Frank Miller 512.335.4768 (basics, spindles, skew, tops) Judy Williams 512.836.7897 (spindles) Jim Spano 512.835.5023 (novelty items, tops, shop gadgets) Len Brissette 512.258.4004 (bowls, platters, sharpening)

ROUND ROCK

Larry Walrath 512.255.5379 (big vessels, bowls and platters) Ed Roberts 512.255.3294 (basics, platters)

LOCKHART/SAN MARCOS

David Dick 512.357.6517 (basics, spindles, architectural)

R

satisfaction in teaching woodturning courses for a local college. His work has been shown at many venues and is in private collections.

You can find more information on Mark St. Leger in his biography at http:// markstleger.com/ArtistStatement/ artist_statement.htm.

Mark will provide a series of demonstrations on Saturday, July 18, 2009, starting at 9:00 AM at American YouthWorks. Details of those dem-

2009 First Saturday Shop Crawl Schedule

June 6 July 4 August 1 September 5 October 3 November 7 To be announced To be announced

We can always use volunteer hosts. You don't have to have a fancy shop to host it, just a place for folks to congregate and drink coffee, eat donuts, and maybe for one or two to turn. To volunteer to host a First Saturday Shop Crawl, get in touch with *Len Brissette*.

A couple of dozen folks showed up at **Charlie Kay's** shop under the big live oak trees west of Buda on May 2. **Jim Spano** was very active, first tutoring folks on making Bic filler pens on one lathe, then switching to another lathe and holding forth on multi-center spindles. **Ho Evans** brought along a piece of holly to slice into thin strips on the band saw. Joe Evans and Bill Hammack managed to get in some lathe time as well. **Bob Duncan** was on the Oneway, practicing his egg making techniques. **Steve Green** dropped by for awhile to show off the pieces he had worked on at the Al Stirt class he had just returned from. Most of the rest of the folks were content to spin yarns, eat some second-rate Krispy Kreme donuts and go through three pots of coffee. I must say that the guys did a great job of cleaning up the chips when they were done. Nine of us went to the Mighty Fine in Sunset Valley for hamburgers when we were done.































I am ready to declare last month's finishing program a success. I hope at least some of you got something out of it. The reason I rate it a success is that I had an "aha moment" there that has simplified my life. I have tried using Deft a great many times, found it a pain to use and was never completely satisfied with the outcome. That was because of the ways I had applied it. I had tried spraying it on and was never really happy with the results. I tried brushing on thinned Deft as I had heard recommended a number of times, and I really wasn't any happier than that. It had never occurred to me to apply it with a rag like

a shellac finish. As soon as Craig did that in his demonstration, I slapped my forehead and said, "Why didn't I think of that?" So as soon as I could remember to stop by Home Depot for some lacquer thinner, I diluted some Deft and went to work. It worked even better and quicker than it looked like it would when Craig was demonstrating. I have now used it on a bunch of pieces and am wowed by the results and the ease of application. It just goes to prove the old truism that you are never too old to learn something new.

Meanwhile, the gremlins continue to lurk around my Oneway. About a week ago, I was sanding a small piece and stopped the lathe to check progress. It would not restart when I pressed the green button. No amount of resetting things would fix it, although the light was on on the controller and I could hear the relay reset when I turned the controller back on.

I got out the thin sheaf of papers that came with the lathe when it was new (yes, I know that most of you are surprised that I was able to find them) and started looking at the troubleshooting list. There was nothing there that would help. Next I started checking on warranty information, which had some good news and some bad news. The lathe was covered for five years, and the controller and starter were warranted by their manufacturers for an unspecified, but undoubtedly shorter, time. I bought the lathe in May of 2005.

I called Oneway and talked to the tech support guy. He walked me through his check list and we were able to isolate the problem as a failed off switch in the remote box. He told me how to jump around it and told me he was mailing me a new switch under warranty. Meanwhile, that off switch doesn't work, but the one on the main box does, so I am back in business.

I really enjoyed having folks over for the May First Saturday event. The first couple of times I hosted the club, I was very stressed out about it. The last several times, I have just done the minimum to get ready and figured that would do. This time, that mostly consisted of picking up and putting away the things I had littering the top of all the horizontal surfaces in the shop. Yes, I know that wouldn't happen if I put things away before I leave the shop when I'm done for the day. I'm working on it.

I am pleased to see that my fig tree is finally going to have a crop of figs this year. It is loaded with tiny figs. Now I have to keep it watered and try to beat the mockingbirds to the ripe fruit. This tree has had a hard time of it. At the time it was set out, it had two colleagues of different varieties. It is the only one to survive the mediocre care of this unmotivated agronomist. In its second year, the deer decided that it would make a nice rubbing post for their antlers and essentially destroyed it. I nursed it along for a couple more years, then Jimmy Tolly backed over it at a club Christmas party. I nursed it a couple more years, then Stacey Hager did the honors, backing over it again. Now after another four years or so, during which it has been protected from both the deer and CTWA members, it has finally decided that it is safe to put on some fruit.

Keep on turning,

Charlie Kay

0 0 President Clyde Little is encouraging attendance by CTWA members at this year's AAW Symposium, June 26 - 28 in Albuquerque, New Mexico. Some of those attending may choose to bring along family and/or combine the trip with some sightseeing in New Mexico. However, others may be looking for ways to reduce the cost of the trip by sharing a ride to Albuquerque. Clyde has volunteered to coordinate putting folks together to share transportation to the Symposium.

Roger Gardner is looking for someone to ride with to share fuel expenses and the driving. If you are interested, contact Roger either on his cell phone at 512.740.8515 or by e-mail at rgardner25@att.net.

Any of you that are interested in pairing up with someone else to make the trip can either contact Clyde directly or come to the May 19 meeting and make your desires known.



Our way of contacting you to let you know of something on short notice is by E-mail, thus keeping us advised of your current Email address is important so that we can get in touch with you. We need that address in two places. It is kept in the roster that gives

you the names, addresses and phone numbers of your fellow members. To keep that list up to date, you need to let Membership Chairman Jim Spano know of any changes in your E-mail address. You can contact him at jimjoy@austin.rr.com. The second place we need that number is in the CTWA mass E-mail list maintained by Webmaster Larry Walrath. This list lets anyone in the club who has subscribed to the list send an E-mail to all of the members. To be sure that you are on that list and that your E-mail address is current, go to the web site, CTWA.org, and click on Links, then go to the bottom and click on get on the CTWA Mail List.



Check out the CTWA Web Site at www.CTWA.org. If you have comments, suggestions or something for the Gallery, get in touch with Webmaster Larry Walrath at larry@larrywalrath.com.



As this issue of The Chip Pile goes to press, **Len Brissette** has not identified a place for our June First Saturday. He will let us know when everything is set up, either at the May 19 meeting or via an E-mail blast later in the month. Either way, make plans to attend.

Membership in CTWA

New members are welcome to join CTWA at any time. All you need is an interest in woodturning. Dues are \$35.00 per year, or \$3.00 per month, prorated for new members joining during the year. AAW dues are \$45.00 per year for individuals and \$50.00 for families. CTWA also strongly encourages all of our members to join he American Association of Woodturners (AAW). For that, you get a first class quarterly magazine, American Woodturner, with excellent articles on woodturning and woodturners, amply illustrated with color photographs. For more information, go to www. woodturner.org.

To learn more about membership or if you want to join CTWA, contact our Membership Chairman:

Jim Spano 11904 Glenda Court Austin, TX 78753 jimjoy@austin.rr.com 512.835.5023

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Calendar

The calendar listings are an attempt to keep you up to date on upcoming CTWA events, as well as other events of particular interest to woodturners.

May 19 - 7:00 PM to 9:00 PM CTWA Meeting - American YouthWorks

June 6 - 9:00 AM to Noon First Saturday - TO BE ANNOUNCED

June 16 - 7:00 to 9:00 PM CTWA Meeting - American YouthWorks

July 4 - 9:00 AM to Noon First Saturday - TO BE ANNOUNCED

July 18 - 9:00 AM to 5:00 PM Mark St. Leger Demos

July 19 & 20 - 9:00 AM Mark St. Leger Beginner Class

July 21 - 7:00 PM to 9:00 PM CTWA Meeting - American YouthWorks

July 21 & 22 - 9:00 AM Mark St. Leger Intermediate Class

August 1 - 9:00 AM to Noon First Saturday - TO BE ANNOUNCED

Aug 18 - 7:00 PM to 9:00 PM CTWA Meeting - American YouthWorks

2009 Demonstration Schedule

May 19 June 16 July 21 August 18 September 21 Dave Dick - Long Stem Goblet Craig Timmerman - Torus Vase Mark St. Leger To be announced To be announced

If you are interested in being a Demonstrator at one of our meetings, or want to suggest a demonstrator, get in touch with **Program Chairman Tim White.**

CLASSIFIED ADS

Free personal classified ads are available to all members of CTWA to sell, buy or trade woodworking related items. To place an ad, contact Charlie Kay at 512.295.2144 or via E-mail at ckay@austin.rr.com. Ads will be run for two months and then dropped.

FOR SALE:

Estate Tool Sale

Craftsman 1/4 HP bench grinder, \$35.

Grizzly 6" joiner (heavy duty) with base, \$450. (brand new) Craftsman Radial arm saw with vacuum system, \$150. (old but in areat shape)

De Walt plane dw733 with stand and roll around base, \$500. (brand new)

Ryobi electric hand plane, \$75. Central Machinery mortising machine, \$80. 170 piece brad point set, \$20. Many of these tools are brand new or hardly used.

many other tools, bits, etc. several hand tools wrenches screw drivers brad nailer miscellaneous screws, nuts and bolts. volt meters electric drills

Call Bob Hrehor at 740-0450 for pre-sale appointment.

FOR SALE: Jet Model JTAS-10 3HP 10" cabinet saw, table extension, HTC fold-down runout table, Excaliber overhead guard and dust duct, Biesemeyer anti-kickback & splitter, Incra Miter2000 miter gauge, mobile base, 8" Freud dado set and crosscut sled. Current new price for this set-up on Amazon is \$3,400. Will sell the complete setup for \$1,800.

Delta Model DC33 13" 2HP heavy cast iron planer, extra blade set, roller infeed and outfeed tables, mobile base. \$300.

Atlas Model 6001 6" jointer, new 1HP Baldor motor, mobile base. \$150.

Contact Charlie Kay at 512.295.2144 or ckay@austin. rr.com.

Meeting Location

The CTWA meets at American Youth-Works, 1901 East Ben White Boulevard (Texas 71) in south Austin. The building is on the south side of Ben White, just east of Interstate 35. The best entry is off Woodward Street, just south of a little strip center. You enter an alleyway into a lighted parking lot. We will enter through the back door. As you drive in, you will see a truck dock in the back of the building with a big roll-up white door. The entryway is just to the right of the truck dock. Folks coming from the north may want to exit I-35 at Woodward and proceed south on Woodward across Ben White.



The Chip Pile Central Texas Woodturners Association A chapter of the American Association of Woodturners

Charles Kay, Editor 100 Matzig Cove Buda, TX 78610-3108

To: