

Woodworkers Club

OF HOUSTON

VOL. 5, NO. 3

MARCH, 1989

Officers

Bill Hochmuth - President 774-1733
Bill Sallans - Vice President 465-0291
Bill Baker - Sec./Treasurer 667-8381
Steve Procter - Newsletter Editor 728-1459

Board of Directors

Sharon Buckley - 944-6739
Zatis Murphy - 469-3563
Don Richardson - 661-1365
Gary Wallace - 855-3408

FEBRUARY MEETING

Our speaker was Lawrence Poizer. Lawrence spent over 30 years as an industrial arts teacher in HISD. He spoke on abrasives, their composition, uses and types. Many thanks to Lawrence for putting together a fine presentation on short notice.

Abrasives are either natural or synthetic materials. Common types include: Flint and crushed rock, useful for light sanding of soft woods, not very durable, because the flint breaks off as it wears. Very inexpensive.

Garnet--a more durable rock than flint. When the particles wear, they tend to shear, leaving a fresh cutting edge.

Emory--more durable abrasive, often backed with cloth. Normally used for polishing metal.

Pumice--a natural powder ground from volcanic ash. Pumice and Rottenstone, a limestone powder, are used with lubricants to produce a delicate hand finish.

Aluminum oxide is a man made material that is very durable.

Silicon carbide is a man made material nearly as hard as diamond. This extremely durable abrasive can be used with oil or water lubricants.

Crushed rock is passed through sorting screens with holes from 12 to the square inch to 800. Then the powder is bonded to paper or cloth. Various glues, including animal hide and synthetic, waterproof resins are used.

Close coat sandpaper has no spaces between particles. This speeds cutting because more particles are available to abrade, but can easily clog. Open coat is 50-70% open space to release sawdust. Very useful for sanding finishes that load up paper rapidly.

Abrasives are available in many forms--sheets, rolls, strips and powders.

The back of the paper shows grit #, and a letter grade A through E. The lowest quality paper is A, highest E.

Small diameter sanding drums can be made from dowels and double sided tape, or saw a

slot in the end. Felt backing should be used for wet/dry sandpaper. A chalkboard eraser works well.

Auto body rubbing compound is similar to pumice or rottenstone--useful for rubbing out a finish (not wood--it will stain).

Scrapers are a viable alternate to sandpaper, or can reduce their use to finer grits. Scrapers plane the wood fibers, rather than scratching them.

Steel wool is also useful to cut out a finish. It can soak up an oil or finish while "sanding", similar to wet/dry paper. Ordinary steel wool is made of short bits, which often break off in the finish. Continuous steel wool can be brought in skeins.

Make-A-Wish Foundation sent a thoughtful thank you letter for our \$3700 charity sale donation.

We also want to thank the Elks Lodge for allowing us to use their hall for our meeting. They were gracious host as always.

CLUB BUSINESS

Clinics--Don Richardson is reformatting the clinics next month.

Video Tapes--The new tapes are in. "Learning Woodworking the Easy Way" is basic but takes you through a furniture project start to finish. This well done film is about 2 hours long.

The club has been granted a booth at the upcoming WoodWorld show in Pasadena. We can exhibit some items. Flyers will be available for prospective members. Sign up sheets for new memberships will be available. Please see Bill Hochmuth to volunteer to man the booth during the show. What better place to find potential club members.

NEWS

Allwood Schroeder is going out of business.

Some items are 30% off. Allwood has been an advertiser in the newsletter, and their support will be missed.

The Veterans Administration Hospital has a hobby fair on March 8th. See Andy Anderson for details.

PRESIDENTS' CORNER

By Bill Hochmuth

COURTEOUS

Among others, Webster defines courteous as "marked by respect for and consideration of others."

At the last meetings I moved to the back of the room when our speaker started his presentation. I wasn't back there very long before all the incidental side conversations made it very difficult to hear. I noticed a number of our members were having the same problem. These side conversations are contagious. The speaker makes a statement or point you can't quite catch. What do you do? You lean over to the person next to you as ask "What did he (or she) say?" The net result--another side conversation has started! Please, if you have something that just has to be said, then make it a comment or question directed to the speaker. Our speakers don't seem to be bothered by this. Chances are, it's a question that's in the minds of many of us. We'll benefit. If you don't want to do this, and you still feel you're compelled to speak, then step outside the room and have your say. We'll benefit. Remember, the next conversation starts with you. Thanks

It's not too soon to start planning your projects for the next Charity Sale.

SAFETY

By Zatis Murphy

Each year, many persons are injured during the mishandling of gasoline. The following summarizes an article from the September, 1988 edition of the National Safety Council "Today's Supervisor". The article, entitled "Handling Gasoline Safety", provides some key safety rules for handling gasoline with which we all should be familiar.

Gasoline has an important purpose: to provide fuel for a controlled explosion that releases energy for power. But some people forget that gasoline is explosive outside an engine as well as inside. We all should adhere to the following safety rules:

- Never use gasoline for cleaning floors, tools, clothes, or hands. Gasoline vapors ignite too easily.
- Always store gasoline in an approved container.
- Metal-to-metal contact must be maintained when pouring gasoline from one container to

another to prevent generation of static electricity.

-Clean up gasoline spills immediately. Keep electrical switches turned off until vapors have cleared.

-If gasoline is spilled on someone, remove the person's saturated clothing immediately and wash the skin with soap and water to prevent a skin rash or irritation from developing. If the eyes are involved, flush them with lots of water and see a doctor.

-Gasoline tanks or automobile parts likely to contain gasoline should be drained or dismantled outside or in a well-ventilated area free from sources of ignition.

-Never smoke around gasoline or fueling areas.

-Never put gasoline in a vehicle's fuel tank while the engine is running.

-Never siphon gasoline by mouth. Aspiration of gasoline into the lungs can be fatal.

Keep these rules in mind...and practice them religiously, whether it's the next time you pull into your favorite self-serve station, work on your car or fuel your lawn mower. Judiciously eschew inflammatory junctures! (Translation--DON'T GET BURNED!)

BUY AND SELL

For Sale: Shopsmith (only) \$1000
Sears Jigsaw \$25
Dehumidifier (works) \$25

Contact: Murray Gordon

For Sale: Dewalt Radial Arm Saw (like on recent cover of Fine Woodworking).

Contact: Jim Harrell

For Sale: Ringmaster---Contact: Ronnie Derks

For Sale: Antique Tools--Contact: Bob Soderblom.

PROBLEMS AND SOLUTIONS

Dust Collection systems: Jan-Feb issue of Fine Woodworking discusses grounding of these systems.

There are more varieties of plastic fittings available in Schedule 40 than the lighter gauge Schedule 20. Don't use too much flexible piping--it introduces turbulence in the airstream, reducing efficiency.

New scroll saw blades have some lower teeth backwards. This gives a smoother cut-less chip out.

Used fabric softener strips take the static electricity off of glasses and eye goggles.

A tire valve stem with sandpaper glued on the circular bottom makes an excellent sander when mounted in a drill press. The soft, feathered edge leaves no swirl marks.

SHOW AND TELL

Murray Gordon exhibited a maple router

table, which is a combination of two different plans. The stand contains drawers for router bits. He used a radi-plane to chamfer an edge, and finished in boiled linseed oil.

Don Richardson has a briefcase of Philippine Mahogany, from wood salvaged from a neighbor's firelogs. Bartley's dark wood filler and 7 coats of paste varnish finish the piece.

Chuck "Maxwellized" a set of TV tables. He changed the design of the sliding locking mechanism--it is now simpler, easier to build.

Robert Sandlin constructed a pine easel to complement the artist's palette he brought last meeting.

Joan Brueggeman made an oval maker--a sliding wooden drawing device that describes an infinite number of oval shapes. (see drawing)

Joe King showed a maple letter opener with padouk handle. The hard maple keeps a sharp edge.

THE OVALER

The following is a detailed description of the show and tell that Joan Brueggeman displayed at the February Meeting. The plans and description are from the book Bandsaw Projects by Tom Craft 1988.

The smallest oval the ovaler will draw is 5 1/2 inches long by 3 7/8 inches wide. If you need a smaller oval the copy machine will do a better job. It is almost impossible to make a smaller ovaler.

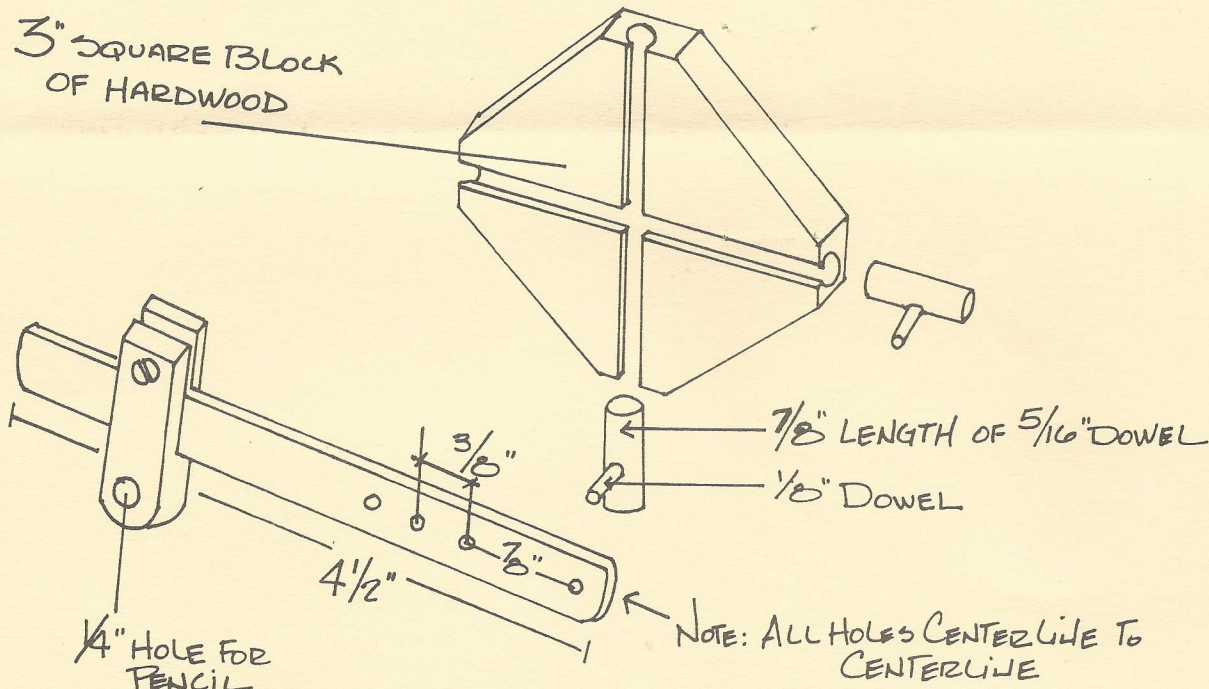
Begin with a 3x3x3/4 inch block of hardwood. On two edges of the block draw a line 3/8 inch from the top. Mark the center of the block on this line. Drill a 5/16 inch diameter hole all the way through with a drill press or dowelling jig.

Draw two lines across the face of the block, each 3/16 inch wide, which when sawn into will open the center of the 5/16 inch holes. Now saw off the corners of the block, leaving 1/8 inch of wood beside the holes. This will let you draw smaller ovals. Sand the holes and edges for easier sliding and then wax the block with a hard wax.

The travellers (which allow the arm to pivot) are 5/16 inch dowel, each 7/8 inch long. Sand them down so they easily in the track. This is best done before you cut the short pieces to length. Then drill a 1/8 inch diameter hole in the center of the 7/8 inch lengths of dowel. Now you can saw them to length. Then give a 5/16 inch length of 1/8 inch dowel into the 5/16 by 7/8 inch dowel and wax both pieces.

The arm on which the pencil rides can be as long as you like, and sliding the pencil in and out will enlarge the oval. The three small holes (centered 3/8 inch apart) change the length to width ratio. Center the hole at the end of the arm 7/8 inch from the nearest ratio hole. The arm on my ovaler is 4 1/2x5/8x1/8 inches, so the largest oval it will draw is 9 1/4 inches in length.

Large ovals can be drawn with this small ovaler by making a longer stick, which will extend the pencil further.



MARCH MEETING

WHEN: MARCH 11, 1989
WHERE: UNIVERSITY OF HOUSTON
INDUSTRIAL ARTS BLDG.

PROGRAM: Joan Brueggeman will demonstrate the techniques she uses in Chip Carving, this promises to be a special opportunity to observe a talented carver turn out carvings with draftsman-like perfection.

Joan is a very active in the Houston Wood Carvers Club as a member and officer.

DIRECTIONS: Take the Calhoun exit off of 145 (Gulf Freeway) south of downtown. Proceed on Calhoun, go to the U of H Entrance 19 turn right. After entering, drive between parking lots

on both sides to the first street, turn left and follow around between buildings to the end of the street. The building is across the street from the air conditioning plant parking lot, the furthest older one story concrete building on the left.

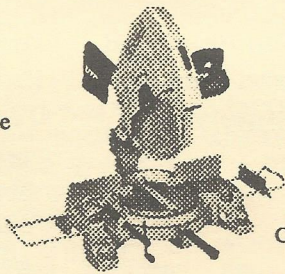
**BRING YOUR FOLDING CHAIRS
SEE YOU THERE!**

NEWSLETTER INFO

THE APRIL NEWSLETTER
LAST DAY FOR PUBLISHING--MARCH 20, 1989
THE NEWSLETTER WILL BE MAILED THE WEEK OF
APRIL 3RD.

Pasadena Industrial Supply

Power Tool & Accessory
Headquarters for;
Delta Machinery, Porter-Cable
Milwaukee, Hitachi, Bosch,
Ryobi, Makita, Skil,
Saftey-Speedcut & More!



Hitachi 15" Power Miter saw

- 15amp motor develops 2.7 HP
- 0-57° miter right & left
- Giant 4-3/4" x 7-9/32" capacity
- Stops at 0, 15, 22.5, 30 & 45°
- Complete w dustbag, table vise & table extensions

Free Delivery in the Houston area
Major Credit Cards Accepted
Commercial Charge Accounts Available

C15FB 15" Mittersaw *NOW* \$329

Price good for members only!

222 West Pasadena Freeway, Pasadena Texas 77536 472-5588

This is the store for everyone who works with wood. Your new Shopsmith store in Houston.

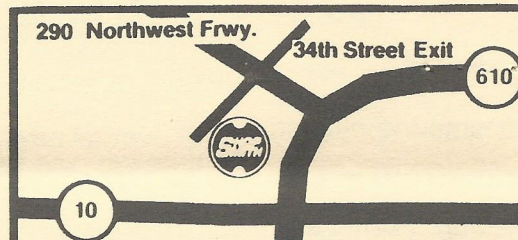
Hours:

Mon, Tues, Wed, & Fri:

9:00a.m. to 6:00p.m.:

Thurs: 9:00a.m. to 9:00p.m.

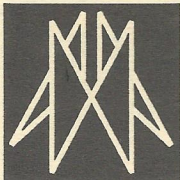
Sat: 9:00a.m. to 5:00p.m.



Shopsmith Inc.

Northway Shopping Center
10965A Northwest Freeway.
Houston, TX 77092
Phone: (713) 681-5200

Exp. 1-90



AUSTIN HARDWOODS

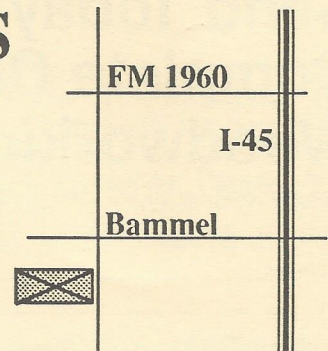
13001 VETERANS MEMORIAL DR.

HOUSTON, TEXAS 77014

440-0764

We stock over 80 species of lumber including rare exotics and turning stock. Plywood, Veneer, Moulding, Flooring, Tools, Millwork, Paneling Etc. also available

Exp. 8/89





Houston, TX 77234
 P.O. Box 34481
 Woodworkers Club of Houston

ALLWOOD/SCHROEDER INC

Imported & Domestic

Marine Plywood
 Parana Pine
 Mahogany

Teak
 Exotic Hardwood
 Domestic Hardwood

Quality
 Hardwood - Softwoods - Plywood
 Mouldings & Squares
 Self-service

A complete selection of finishing supplies

WALNUT - BIRCH - ASH - CHERRY
 CYPRESS - RED AND WHITE OAK
 SUGAR PINE AND OTHERS
 MON. - FRI. 8:00 TO 5:00

SAT - 8:00 TO 1:00
 5401 Lawndale
 (713- 921-6131)

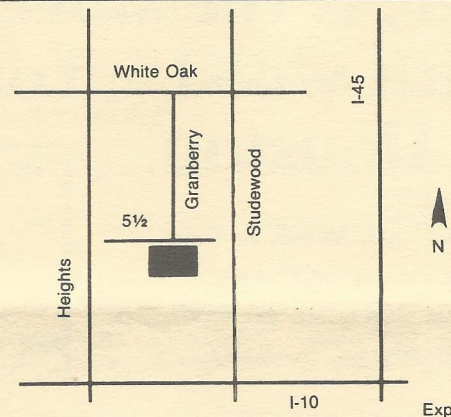
Exp. 5/89

HARDWOOD LUMBER CO.

700 E. 51/2 St. (In The Heights)
 Houston, Texas 77007
 (713) 862-6628
 Hours: M-F 7:30-5:00, Sat. 8:30-1:30

We stock over 65 species of lumber including
 hard to find exotics!

Also: Plywood, Veneer, Moulding, Formica,
 Custom Milling, Woodworking Tools, Books, etc.



Exp. 9-89

Send Today for the Most Complete Catalog Selection of Woodworking Supplies

Please Enclose \$1.00 (3rd class) or \$2.00 (1st class)

Name _____
 Address _____
 City _____ State _____ Zip _____

Orders Shipped Within 48 Hours

Exp. 5/89

21801 Industrial Blvd., Rogers, MN 55374

