

# Woodworkers Club

## OF HOUSTON

VOL. 7, NO. 5

MAY, 1991

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### APRIL MEETING

Our April program was presented by Ken Whitaker of Shopsmith on the uses of the Incra Jig.

Ken demonstrated how to make blind dovetails with the Incra Jig and a router table.

You must first follow the instructions on how to mount the Incra Jig to plywood--this gives you a mounting surface to your machines and also a fence. If you need a very long fence you can use two Incra Jigs attached to one fence.

The Incra Jig can be used on the Table Saw, Router table, Drill Press or most any machine that you need an incremental stepped fence.

Incra Jig also makes an aluminum fence system that you can buy ready made.

Ken said they tried a variety of ways to attach the Incra Jig to the router table but the best way was to mount it to the board and use C-clamps or wooden hand screws. Some of the other clamps do not exert enough force or can work loose.

Always use a push stick and all safety devices--like glasses and hearing protection.

First align the Incra fence--open the Incra Jig to its widest opening and just kiss the router bit--note just touch the cutting edge not the shank. You have now zeroed the Incra fence.

To make the Incra Jig faster and more accurate the Incra designers have come up with mylar templates strips that attach to the Incra Jig---they are removable and reuseable, template plates and an instruction book. All these are in one book. This takes the guess work out of making dovetail joints and box joints. You can also make your own or if you are using the Incra Jig as just an incremental fence or stop you won't need templates.

The fence is made up of interlocking teeth and the fence moves in increments of 1/32" of inch.

Next you use the template plate to center the tails and use this mark to set your fence.

Make the tails first and then the pins.

Since the router bit makes a round end cut you must make a relief cut on the inside part of the tails, this also helps to reduce splintering.

Before you make any cut make sure that everything is tight.

The Incra book suggests which brand of bit is recommended for each particular joint.

The Incra Jig is very simple and very fast. Accuracy with the Jig---you get the exact cut so there is no need to number the drawers as all will be the same.

You can also make double spaced dovetails, box joints, variable spaced dovetails and double dovetails.

We would like to thank Ken and Shopsmith for the program and for their support of our club.

I must admit that I have had an Incra Jig sitting in a drawer for two years, about a month ago I got an order for a few dozen American flag shaped bird houses. The stripes were to be cut with a cove bit which was no problem but how to quickly make accurate parallel stripes. The Incra Jig that had been gathering dust came to mind--I finally took the time to mount it to some 3/4" Birch plywood and made the cove cut flag stripes in record time. Now that the Incra Jig is out of the box I have used it on many more projects.

### CHARITY SHOW

Sam Zeisman has set a date with the folks at Greenspoint Mall, the sale this year will be Friday October 25 and Saturday October 26.

Sam has lined up his committee Chairmans but each of these committees always need help. Please if you would like to serve on a committee or have ideas or suggestions please contact any of the following people:

Bill Sallans-----Publicity and Advertising  
Bill Hochmuth-----Set-up, Take-down, keeper of merchandise and club Aggie.  
Bill Baker-----Time Sheet  
Sharon Buckley---Group Projects  
Telephone Committee--Guy Meaders

## WORKSHOPS AND CLINICS

Bill Beggs held a Bandsaw clinic and will hold a few more as needed--he can handle only about 5 woodworkers at a time. If you would like to attend sign up with Stuart Murphy. The Saturday following our regular meeting Murray Gordon held a clinic on How to make a Wood screw clamp.

We would like to offer more workshops and clinics but we need some volunteers to host these clinics. Please offer your help.

## SAFETY SUGGESTION

From Bill Beggs

We are always stressing that when around machinery you MUST wear hearing protection to keep from damaging your hearing. We have many members who have already done damage to their hearing and believe that if they turn off their hearing aid they can work in their shop safely. To retain the hearing that you have and from further damage, you must wear hearing protection.

Stuart Murphy's suggestion was that a hobby should be relaxful. You should also work in your shop when you are physically and mentally rested. You should have sufficient rest and sleep or you can do yourself more damage than help.

## PROBLEMS AND SOLUTIONS

Ken Wallis had a crack through the middle of a very old side board. Ken only wanted to fill the crack and did not want to refinish the piece. After many suggestions--probably the best was to leave it alone as any filling may ruin the piece and the quality.

One of our members needed a way to figure the degree of tapers--did anyone have a mathematical chart? It was suggested that you strike a line for the taper and when the line is parallel to the fence you have your taper.

Zatis wanted to know how long it would take for freshly cut wood to air dry for turning. First remove the bark and paint the ends. Weigh the wood on a scale and when the weight stabilizes, its air dried---about two years.

You can also turn wood green, then place in a plastic bag.

Lewis has turned pecan green and coated it with urethane without any problems.

You can also turn green and coat with PEG--available at Shopsmith.

## BUY AND SELL

L. D. Greenwood has For Sale a Model T110 Dupli-Carver Wood Carving Machine. This fascinating tool will copy almost any three-dimensional shape in wood. Great for making Gun stocks and reproducing many carvings for furniture etc. Comes complete with user's manual and instructions for use. It's new. Never been used, includes router. Original cost just under \$400.00 including handling and

shipping. For Sale \$250.00 Contact L.D. Greenwood.

Mac Klepper has Rosewood For Sale--585-8012.

We now have a bulletin board for sale items or want to buy. Please post your items on this board with your phone number so all can benefit.

## SHOW AND TELL

Steve Procter made a new version of the american red flyer wagon complete with his daughter. The plans make the wheels from wood but Steve wanted something more durable so he opted for steel and rubber wheels. The bed is made of oak and the rails of maple, to prevent yellowing Steve used a lacquer finish. To form the handle Steve made a jig out of particle board to laminate the handle out of 3/16" strips of maple.

Fred Olsen made a train that was full of blocks and a car and trailer. Some good ideas for the charity show.

Leonard Ekholm made a clock.

Chuck Maxwell was not at the meeting because he was just getting out of the hospital that morning, but sent by way of Art Chester a mini-workbench that he saw in Leightung. He made it from plywood and oak scraps. It had two vises and cam clamp.

Chuck's doing fine but the Doc won't let him work in his shop--Chuck can't wait to get back in his shop-- I bet his wife Tommie can't wait till he gets back in the shop!!!!!!!

## MAY MEETING

WHEN: MAY 11TH, 1990 9:00 A. M.

WHERE: BAYLAND COMMUNITY CENTER  
ON BISSONNET AT HILLCROFT

PROGRAM: Shop Layout by Leonard Ekholm. Boy how many of us could use some help in shop layout.

June program will be presented by Gerald Polmateer, the new store manager of Hardwood Lumber Co. Gerald's program will be on Hardwoods. He is also developing some classes on woodworking that will be given at the 5 1/2 st. location.

## ROSTER CHANGES AND ADDITIONS

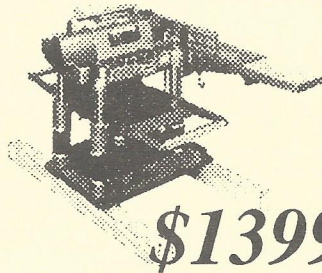
New member--Clyde Ellson 10323 Winding  
Trail Rd. La Porte, Tx. 77571  
Phone-471-6895

New office phone number for Ray Fortenbar  
951-5706.

Correct the street spelling to read Styers.

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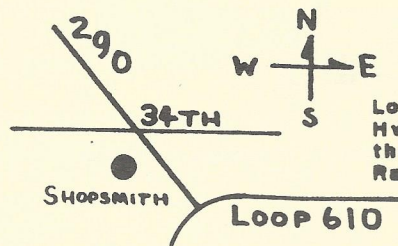
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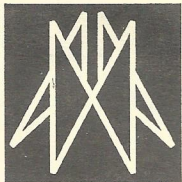


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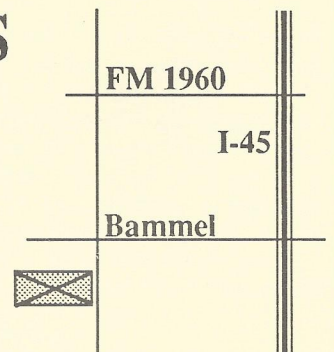
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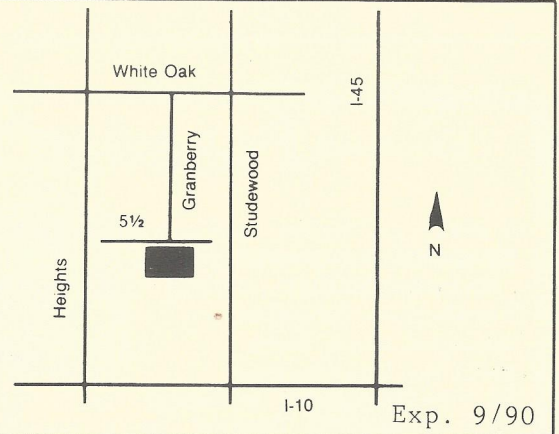


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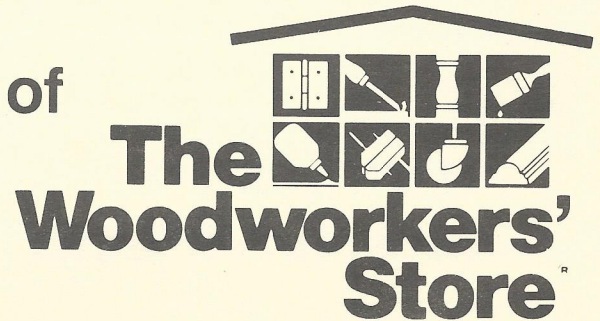
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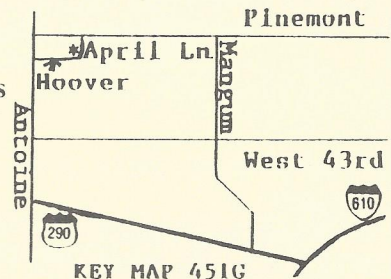
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