



SUNFLOWER WOODWORKERS' GUILD
Established 1991
THE KNOTHOLE
"building of woodworking skills thru the sharing of knowledge"

**THIS MONTH'S MEETING JULY 25 AT THE TABLE TENNIS CLUB
 1407 E HARRY**

IN THIS ISSUE		This Month's Meeting - Galen Cassidy
1	NEXT MEETING	July's Program:
1	PRESIDENT'S CORNER	Mike Hutton will present July's program will focus on one of the most versatile power tools in the shop—the Router. This program will cover the basics of router usage and will also cover safety and selection. Don't miss this program, as there will be something for everyone.
2	JUNE MINUTES	
5	CLASSIFIEDS	

President's Corner – David Fowler

Guild Members,

As always I extend thanks to last month's program's director. Thanks Les for an informative program covering the basics of bent laminations.

Also, I would encourage everyone to visit the Guild's new website at www.sunflowerwoodworkers.org. Thanks Ed and we look forward to the additional information that will be added in the future.

This month we have a show-and-tell theme of hand planes. If you have a favorite hand plane, an unusual or unique hand plane, a rare and or collectable hand plane, or just have a plane that needs to be tuned bring it in to show it off or to get advice on how to turn it into a planning dynamo.

Back to Basics: The Essentials of Furniture Making

This is the title of the Guild's upcoming series, which is slated to begin in August and end in March or later. I am extremely excited about this project and am looking forward to the learning and teaching opportunities that this series will provide.

This program will be one of the more ambitious projects that the Guild has undertaken and will center on the building of an actual furniture piece. Each month we will present part of the construction process and each program in the series, if applicable, will have a Saturday follow up program where the topic may be presented in more depth. The idea with the Saturday follow up meeting is for real hands-on learning. The series will begin with two furniture designers being given the criteria for the piece of furniture and independent of the other will design a furniture piece. The designs will then be presented and discussed at the August meeting and by the meeting's end one of the pieces will be chosen for the series. Here is an outline of the series' monthly programs, but is tentative because

the actual design of the piece is yet to be determined.

- I. Design
 - A. Design theory
 - B. Furniture piece presentation
 - C. Piece selection
- II. Material Selection
 - A. Wood species
 - B. Sheet goods
 - C. Veneers
 - D. Other
- III. Tool and Machinery usage
 - A. Bench tools
 - 1. Layout and marking tools
 - 2. Planes and cutting tools
 - 3. Electric tools
 - B. Machinery
 - 1. Safety
 - 2. Proper usage
 - 3. Tricks and shortcuts
- IV. Carcase & Leg Construction
 - A. Selecting and milling lumber
 - B. Sizing and cutting parts
 - C. Glues and adhesives
 - D. Joinery
 - E. Clamping and assembly
- V. Drawer Construction (Dovetail Drawer)
 - A. Styles
 - B. Proper layout
 - C. Cutting
 - D. Assembly and fitting
- VI. Door Construction (Frame and Panel)
 - A. Styles
 - B. Proper layout
 - C. Cutting
 - D. Assembly and fitting
- VII. Sanding and Preparing for Finish
 - A. Sandpaper types and grits
 - B. Raising the grain
 - C. Sanding
- VIII. Finishing
 - A. Types of finishes
 - B. Application options
 - C. Applying the finish

Last Month's Meeting – *Mike Hutton*

Guests:

Bob Davis
Sandra Longnecker
Kevin Schrader

Old Business

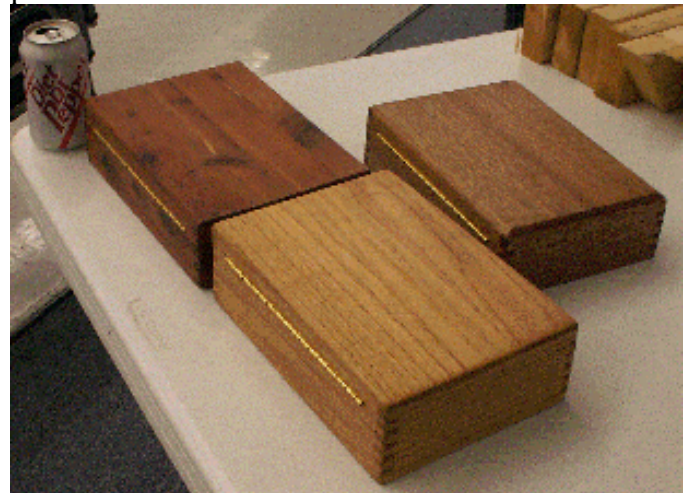
Didn't have any

Show and Tell

Larry Roth – Lazy Susan and radius jig for band saw



Gary Vreeland – Boxes, two methods of corner construction. Normal box (finger) joint and really neat dovetail joints. He used an Inca dovetail jig which he said was one of his better tool purchases.



Gary said that they boxes were used to present new eyeglasses to customers. Gary has had many requests for boxes “just like that one”.



parts first then use the bender board and bending birch to build to the curved pieces.

Bender birch – bends in longitudinal direction, longitudinal grain very thin

Bender board – bends across end grain

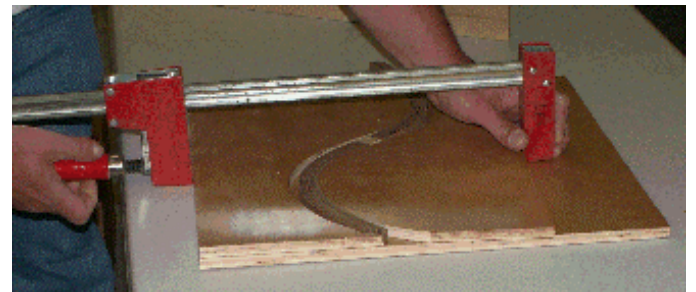
Bender board is available in 3/8” and 1/8” and may be purchased in 4’ x 8’ and 8’ x 4’ sheets. Contact David Fowler at Clotia if you are planning on buying some from Timber as Timber is wholesale only.

Les suggested that any glue will work for laminating, but said that epoxy and Unibond were his favorites because of the low to no water content of these glues and because these glue’s drying times may be accelerated using heat. He also recommended thinning yellow glue if that is the glue that you will be using.

Les lets the job and the shape dictate the form that he will use. In some situations he will use a one-part form and clamp to the pieces directly to it.



In other cases he will build a two-part form clamping the two parts with the parts in between.



The number of plys that he will use in a shape is determined by the severity of the radius or arc. He recommended using more plys that are thin rather than trying to force heavier pieces into the shape. This, he said, will also minimize the tendency for spring back.

Program – Les Hastings



Bending birch and Bender board, both from Timber Wood Products of Wichita. The materials do spring back so what you do is build the mating curved

Pictures of vaulted ceiling in house with 3 curved assemblies per corner, 168 pieces per assembly 4 corners. He said it took a crew 4-5 days to complete the project, sounds like no one was standing around on this job..

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Suppliers of Jet, Delta, Porter Cable power tools, plus a large variety of power and hand tools, Dennis Laird, the manager is a skilled woodworker, a member of our guild and can help with your product needs.

NEXT MEETING

July 25 , 2005

Wichita Table Tennis Center

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The Knot Hole

Sunflower Woodworker's Guild

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