



**THIS MONTH'S MEETING MAY 22 AT THE TABLE TENNIS CLUB
 1407 E HARRY**

VOLUME 15

ISSUE 5

Social Gathering @ 6:30 PM	
Meeting Starts @ 7:00 PM	
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This Month's Program – John Belt

This month's program should be of special interest to all the members of the guild. All of us, no matter what our current level of woodworking involvement and expertise, dream of one day having a well equipped and well functioning home workshop. Since we have several members who already have attained that goal, we have asked them to put together a program on the design of the ideal home workshop. The program will feature the work shops of:

- Bernley Asel
- John Belt
- Dan Carlyle
- Les Hastings
- Mike Hutton

The presenters will show us slides of the unique features of their workshops and discuss why they designed their shop the way they did. They will

discuss their approaches to lighting, work flow, electrical, storage and dust control. They will also talk about future changes they intend to make, as well as talk about what they would do differently if they had the opportunity to do it all over again.

This should be a very interesting program that you won't want to miss. If this program is as well received as we hope, we would like to do a follow up program featuring some other great shops within the guild.

Incidentally, if you want to see a great shop, check out the current issue of Wood Magazine and see their brand new shop. It is really impressive.

President's Corner – Galen Cassidy

It is through deep regret that effective immediately I must resign as the president of the Guild.

Due to personal reason, and some health issues, I feel that I am not being fair to the Guild or to myself and must make this decision.

I will continue to be a member and support the Guild, and when able, will return to the meetings.

Thank you for your support

Galen Cassidy

April 2006 Sunflower Woodworkers' Guild Meeting Minutes - *Mike Hutton*

Business – Rocky Ruse and Kelly Rayburn hosted the April meeting at Precision Pattern Inc, one of the premiere aircraft interior-furnishing suppliers.

Mike Hutton announced that the guild had purchased a professional wireless microphone for the PA system.

A discussion was held on how to liquidate the just completed "back to basics" walnut sideboard the guild members built. Some ideas were a raffle, auctioning at City Arts or at the Riverfest book and art show.

The May program will be showing some of the members shops and design considerations.

Show and Tell-

Lou Ortega / Vic Bender / Bill DeGarmo showed some toy cars built from 2 x 4 lumber that Jack Pearson (retired Cessna Engineer) had built that were inspiring. Then they showed a \$100 check that they were presenting to the guild's toy fund by building 30 airplanes for the City Arts folks.

Program-

Rocky Ruse started the tour of Precision Pattern Inc. (PPI) by telling some of the company's history. The company was started in 1952 in a garage. They became one of the aircraft industries top interior cabinet and furnishing builders for high-end corporate aircraft. In April 1999, DeCrane Aircraft Holdings purchased PPI as part of a group of companies that are focused on all aspects of airworthy interiors. They have a large customer base, some are; Cessna, Raytheon, Sikorsky, Boeing Military VIP, etc. They employ 423 persons in a multi-shift operation.

The aircraft cabinet tools and materials are much different than the average woodworker. The overall focus of aircraft cabinets is weight, fire resistance, strength and airworthiness certification. The

cabinets are made from fiberglass, nomex and kevlar composites covered with either high-pressure laminates or exotic fireproofed wood veneers. Everything in their business is tracked from the materials through to the aircraft in which they are installed. The honeycomb panels are NC routed and the edges "potted" (filled to support the edge). Then they move on to be hand-built by the cabinetmaker where they use perforated hollow tubes filled with epoxy to join various parts together. Every step is controlled and time consuming because the epoxy sets overnight thereby establishing the timing of the build. The units are taken apart and then the finishers get to work their magic by shading, staining, toning and putting a mirror finish topcoat down. The cabinets then get put back together and final inspected and shipped.

We saw some of the cabinetry that was brought back to PPI for refurbishment for the President's 747 aircraft. PPI has kept a special stack of walnut for over 18 years that was used for solid edging on some of these special cabinets, just in case they ever need to match the original color and grain on that aircraft. During refurbishment, every piece must have the veneer removed and shipped back to the original veneer mill where the veneers from the original log are maintained so that the cabinets will look just like they did when the aircraft was originally outfitted. No, you can't get a piece of the old veneer, that is owned by Air Force and the taxpayers.

We took a start to finish tour of the plant and got to see some amazing cabinetry and veneer work.

If you ever get to own a Citation X, chances are that the cabinets started right here in Wichita, the air capital of the world.

From the Editor – *Ray Smith*

Sorry about the lack of pictures. Precision Pattern's customers do not allow pictures of where all of our tax dollars are going.

Ray

OFFICERS

President

Galen Cassidy (316) 722-2277
gjcassid@swbell.net

Vice President

Les Hastings (316) 253-6707
lhastings2@cox.net

Secretary

Mike Hutton (316) 744-3036
ictwoodworker@cox.net

Treasurer

Wendell Parks (316) 684-7508
parksmail@sbcglobal.net

Librarian

Vic Shore (316) 253-7424

Membership Chairman

Guy Waldo (316) 684-1138

Editor: The Knot Hole

Ray Smith
(316) 755-3775
thyme@onemain.com

Sponsor Chairman

Dennis Laird
dalaird@cox.net

Area Guilds and Clubs

South Kansas Wood-turners

Royce Wallace, President
601 Wetmore Drive
Wichita, Kansas 67209-1322
(316) 722-6749
wallburl@att.net

Great Plains Woodcarvers

Wichita Kansas
Sue Clarke, Secretary
222 Hillside Drive
Wichita, KS 67230-7115
(316) 218-0761
sjclarke@juno.com

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JET Printing and Digital Copies
6410 E. Central
Wichita, Kansas 67206
316-685-2679
www.jet-printing.com

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Guy Waldo (316) 684-1138

Dan Sparwasser
Branch Operations Manager
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t 316.943.1271
f 316.943.1289
dan.sparwasser@bdk.com

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