

## May 15th MEETING Marv Hoppenworth's Pedal Planes Main Plant Cafeteria - 5:00 p.m.

This month we feature Marvin Hoppenworth of Aviation Products, Inc. the producer of line of children's Pedal Planes. Marv, and his wife Catherine, have been making and selling builder's plans and kits since 1985 when they introduced their Pitts Special Edition at Oshkosh. Pedal Planes are intended for kids three to seven-years-old ... pilot's license not required.

All of Marv's creations are artfully scaled to retain the distinctive styling of the original aircraft and are robustly designed to endure the most energetic young pilot-in-command. To date, they have completed ten Pedal Plane designs, each one a delight to behold. If one of these babies would be a perfect Christmas present for your child or grandchild, now is the time to get started.

Marv is also a member of the Experimental Aircraft Association, EAA Chapter 33, and is equally involved with full-scale aircraft. Read more about the Pedal Plane on their web site at: <http://showcase.netins.net/web/pedalplane>



### Advertise in the Newsletter

Have extra equipment around your shop? Place an ad in the *Knot Knews!* Turn unused materials and machinery into cash to buy more with! If you are a member of the Collins Woodworkers Guild, send your BUY, SELL, or TRADE listings to Larry Tjaden 192-104 or email to: [webmaster@collinsclubs.com](mailto:webmaster@collinsclubs.com)

### June Meeting

Mark Clark and Lee Johnson will make a presentation on Using Computer Aided Design (CAD) for Woodworking Projects. They are preparing a demonstration using TurboCAD, a software package that is nicely adapted for making wood project drawings. Lee and Mark will draw a simple project that will demonstrate the versatility of TurboCAD and how it can help you prepare accurate cut-lists and assembly print-outs. In addition, they will demonstrate a handy little program called Sheet Layout. It is used to attain the most efficient usage from your plywood and hardwood lumber. They will be using a overhead video projector to enhance their presentation and make it easier for all to enjoy.

Read more about the software on the internet at [www.turbocad.com](http://www.turbocad.com)

### CWG Budget

Larry Lacy, our Guild's treasurer, notes that again this year we will have funds to spend before the end of the fiscal year in September. Last year the planning committee selected a number of books and tools for the club's library.

Larry is soliciting ideas now for how to spend-down these funds before August when Rockwell likes to close their books. Any member with an idea on how to spend our money should get it to Larry or anyone on the planning committee.



April Meeting Photos  
by: Larry Tjaden



April Meeting  
By: Emil Krepcik

About twenty-five members and guests enjoyed a presentation on wood lathe operation by Emil Krepcik. Emil brought his lathe, tools, wood, and several completed items to accentuate his presentation. Using green wood to reduce dust and mess, he showed some of the basics of lathe cutting tool alignment and handling. He noted that his lathe was a very basic model but certainly had the capability to produce what more-expensive versions could. In

reality, only three cutting tools are needed for most tasks - therefore it is wiser to purchase a smaller number of higher quality tools.

*This advice applies to most wood-working tooling ...*

Emil described a several of his example projects and shared some of his self-learned techniques with those attending. Again, thanks Emil, for the great presentation.

New Members

These members have joined our club since April 1, 2001.

Betsy Swecker  
04/19/2001

Casey Ballentine  
04/27/2001

As of this date, our club has ninety-eight paid members.

Visit some of the other  
Rockwell Collins, Inc.  
club web sites at:

*Collins* Clubs.Com

## New Books in the Library

<p>Thirty-seven clock projects—from modern designs to historical reproductions, from novelty clocks to practical timepieces—are detailed in this step-by-step manual. Patterns, color photos, and line drawings for each clock are supplied, as are construction techniques and guides to finding and fitting the necessary components.</p>	
<p>What are the differences between a \$150 and \$750 table saw? What are the trade-offs? How does a \$50 cordless drill compare to one costing \$200 - and does it matter? How do you buy the right tool the first time around?</p> <p>The editors of Popular Woodworking Books and Popular Woodworking magazine provide you the answers to these questions and more. You'll be able to shop with confidence with their examination of 15 different tool categories, from drills to measuring instruments to high-end production-level equipment. With a description of each tool's features and insight into what to look for while you're in the store, you'll get the tools you need for the work you do. They'll also guide you through the purchasing process, recommending accessories, and explaining the jargon that can make tool shopping a challenge. Additional information will familiarize you with the best methods of buying used tools as well.</p> <p>Bonus section and sidebars detail:</p> <ul style="list-style-type: none"> <li>• what you must know about motors</li> <li>• how to choose the right drill bit</li> <li>• how to choose the best router bit</li> <li>• Web sites for every major tool manufacturer</li> <li>• tips on what to look for in order to meet your needs</li> <li>• how to get the most out of your tools once you've purchased them</li> </ul>	
<p>Exquisite inlaid covers, gracefully simple lines and soft curves, glorious woods, intriguing lids, and intricate compartments are the hallmarks of the work of some of the world's best box-making artists. In this full-color gallery of spectacular pieces, they share their plans, professional "secrets", and sources of inspiration for forty stunning artistic designs, inviting home craftsmen to make:</p> <ul style="list-style-type: none"> <li>• a rustic driftwood rolltop box</li> <li>• an ingenious fly box meant to be taken on fishing trips</li> <li>• a multi-drawer box that requires a minimum of construction</li> <li>• and dozens of other projects, including jewelry boxes, silver chests, a whimsical candy dispenser, business-card holders, a lap desk, and more.</li> </ul>	
<p>The radial arm saw can handle the work of a saw, a boring machine and a sander, while taking up very little floor space. You can make controlled cuts on large lumber, rafters, logs and framing stock. Secure the blade in a vertical position and make crosscuts, rip cuts, and mitre cuts. Tilt the blade and make bevel crosscuts, bevel rip cuts and compound mitre cuts. Or adjust the blade horizontally to do an edge slot and/or angular edge cut.</p> <p>Directing his expertise specifically to the beginner, master craftsman Roger W. Cliffe explains all the parts and blades of the radial arm saw, as well as how to set it up, handle, and maintain it.</p>	
<p>Use the file-line cutting capability of the scroll saw in combination with some elementary wood-shaping techniques to craft incredible woodworking pieces. They'll look as if they were artfully carved, but they are actually much easier to make: simply cut parts of an object (like the tail, legs, etc., of an animal) from just a single board, add painted colors or natural finish, and assemble the parts. Master woodworker Patrick Spielman presents a wealth of outstanding projects, including an oil-stained poplar Madonna and Child; a painted pine lighthouse or an ash plaque; a double-sided, free-standing poplar rooster; a country scene that has randomly sided segments and a sponge finish; and a Viking with a thin black plywood backer intentionally left showing the segments.</p> <p>Bonus: Check out the projects that are a good introduction to intarsia - a more advanced technique involving the use of various species of naturally finished wood.</p>	
<p>Turning is a special brand of woodworking. Only a lathe and a few cutting tools are needed to shape pieces of wood into delicate pieces of sculpture or practical household objects. Considered the turning primer, Raffan's book covers all the basics, from tools to techniques. This edition incorporates new technologies.</p>	



## Collins Woodworkers Guild Officers and Executive Committee

### President:

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### Planning Committee: (in addition to above mentioned)

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Membership in the Collins Woodworkers Guild is open to all  
Rockwell Collins, Inc. employees, spouses,  
retirees, and contract employees.

Everyone is welcome at our meetings!  
Yearly dues, renewed in September, are \$10.

Keep in touch! Don't miss a copy of the newsletter.  
Send an e-mail to our membership person Larry Lacy at  
cwg-membership@collinsclubs.com and give him your new address.

## Future Meeting Topics

**June 19** - CAD Demonstration

**July 17** - Tour of Hardwood Technology

**August 21** - Building Toys for Tots

**September 18** - Membership Drive

**October 16** - Open

### Suggestions:

Leigh Dovetail Fixture Demonstration; Canoe Building; Visit: Woodhaven Company - Durant, IA; Pella Window Company - Pella, IA; Bacon Veneer Company - Grundy Center, IA

Have any Ideas for a Meeting Topic?

Share them with anyone on the planning committee!

## Check out the Guild's website

The Collins Woodworkers Guild website  
is available for viewing on the  
World Wide Web at:

[www.collinsclubs.com/woodworkers](http://www.collinsclubs.com/woodworkers)

## Guild Benefits

- ◆ Access to our Extensive Library and Tool Collection
- ◆ Open Exchange of Ideas
- ◆ Social Activities
- ◆ Workshops
- ◆ Opportunity to Help our Community through Toys-for-Tots Program
- ◆ Educational & Informative Presentations
- ◆ Open Houses
- ◆ Tours
- ◆ Discounts at:
  - Eastern Iowa Supply
  - Woodsmith Store - Des Moines
  - Puckett Tools & Fasteners

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