

# KNOT KNEWS

Monthly Club Newsletter

Cedar Rapids, Iowa

Volume 6, Issue 8, May 2001

## May 15th MEETING Marv Hoppenworth's Pedal Planes

Main Pl ant 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

ave 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

## June Meeting

ark Clark and Lee Johnson Wark Clark and Lee
will make a presentation on
Design 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

## **CWG Budget**

arry 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. Knot Knews May 2001





April Meeting Photos by: Larry Tjaden





April Meeting By: Emil Krepcik

bout 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 woodworking 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.

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

### **New Members**

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

Betsy Swecker 04/19/2001

Casey Ballentine 04/27/2001

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



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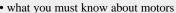
### New Books in the Library

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.



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?

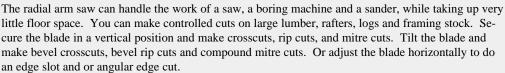
The editors of Popular Woodworking Books and Popular Woodworking magazine provide you the answers to these questions and more. You'll be able to shop with confidene with their examination of 15 different tool catagories, from drills to measuring instruments to high-end production-level equipment. With a discription 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 shoping a challenge. Additional information will familiarize you with the best methods of buying used tools as well. Bonus section and sidebars detail:



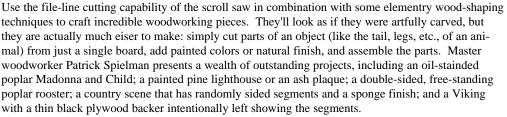
- how to choose the right drill bit
- how to choose the best router bit
- Web sites for every major tool manufacturer
- tips on what to look for in order to meet your needs
- how to get the most out of you tools once you've purchased them

Exquisite inlayed 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 "secretes", and sources of inspiration for forty stunning artistic designs, inviting home craftsmen to make:

- a rustic driftwood rolltop box
- an ingenious fly box meant to be taken on fishing trips
- a multi-drawer box that requires a minimum of construction
- and dozens of other projects, including jewelry boxes, silver chests, a whimsical candy dispenser, business-card holders, a lap desk, and more.



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.

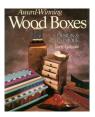


Bonus: Check out the projects that are are a good introduction to intarsia - a more advanced technique involving the use of various species of naturally finished wood.

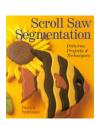
Turning is a special brand of woodworking. Only a lathe and a few cutting tools are needed to shape pieces of wood into delicate pieces of sculpture or practical household objects. Considered the turning primer, Raffan's book covers all the basics, from tools to techniques. This edition incorporates new technologies.

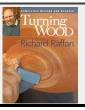




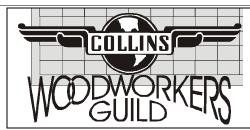








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## Collins Woodworkers Guild Officers and Executive Committee

**President:** 

Mark Clark 5-3872 cwg-president@collinsclubs.com

**Vice President:** 

Rich Beckett 5-5192 cwg-vp@collinsclubs.com

**Secretary/Treasurer:** 

Larry Lacy 5-8471 cwg-treasurer@collinsclubs.com

**Membership:** 

Larry Lacy 5-8471 cwg-membership@collinsclubs.com

**Library Staff:** 

Lee Johnson 5-3014 cwg-librarian@collinsclubs.com

**Toys For Tots Committee:** 

Emil Krepcik 484-2435 emil@collinsclubs.com

Larry Tjaden 5-8024 webmaster@collinsclubs.com

**Guild Photographer:** 

John Cox 5-3198 cwg-photographer@collinsclubs.com

**Newsletter & Website:** 

Larry Tjaden 5-8024 webmaster@collinsclubs.com Planning Committee: (in addition to above mentioned)

Wayne Hanson 5-5893 wayne@collinsclubs.com Emil Krepcik 484-2435 emil@collinsclubs.com



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 Guil d's website

The Collins Woodworkers Guild website is available for viewing on the World Wide Web at: www.collinsclubs.com/woodworkers

#### Guil d 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

## **Knot Knews**

Is published monthly by the Collins Woodworkers Guild 400 Collins Road NE