

November, 2008

Meeting Notice:

- Our November meeting will be Tuesday the 18th in the Main Plant Cafeteria.
- We will be finishing off the toy build
- November project: Gift ideas: Small projects that you have given as gifts.
- Door Prizes!!



Knot News

COLLINS WOODDOEKERS GUILD NEWSLETTER

Toy Build

The elves are at it again. Over the last couple of weeks several members of the organization have been working at Marion High School.

We now have bodies for 32 crayon trucks and more pieces for "Flipper Game" than I care to count. John volunteered to engrave the keys. Maybe he should have seen that big box of keys before he spoke up....

We need to finish the whole process up this Tuesday. We have 128 wheels to attach. If John finishes the keys there will be several hundred parts to for a dozen or more games.

Wayne Hanson is making his cell phones again this year. They are always very popular.

Come and help us wrap up the effort. If we have a good crew it won't take all that long.



October Meeting

So how many ways can you think of to attach two handles to a blade to make a cutting tool? Turns out that there are lots.

Last month we had the opportunity to try out a variety of tools. We had a selection of spoke shaves. A couple of traditional wooden shaves, three Stanley metal designs, and a pair of scraper types. Perry brought in a really nice inshave, a wooden spoke shave and a drawknife. Dave Wetsel had a Stanley spoke shave.



These aren't tools that you use for fine joinery. They clean up



surfaces and refine curves.

These are traditional tools but they all can be bought new. Except for the metal spoke shave they are easy enough to make.

Sometimes we think of a drawknife as a roughing tool and it performs well in that roll but it can cut a very fine shaving if it's sharp. Some people use it to hack like an ax but it works best by taking long even strokes.

An inshave is a drawknife with

Spokeshaves



a curved blade. It's the tool traditionally used for hollowing bowls and dishing out chair seats.

We played with a selection of traditional spokeshaves including Dave's Stanley and Perry's wooden shave. We also worked a flat and a curved scraper type.



November Project

We all make projects as gifts for friends and relatives. It's one of the reasons we work with wood. Some of the ideas are pretty

cool and we want to hear about it. You probably can't get the actual project anymore, after all you gave it away. Did you take

Gift Ideas

a picture? Still have the plan? Bring it in and tell us about it.

October Project

We have a few carvers in the group or at least have tried a few projects. From a couple of

tie clasps to waterfowl they were all pretty neat. The only project that captured on film

Something carved

was this duck and he was hiding.



Upcoming projects:

December: No meeting

March: Anything with a door.

We need some ideas for new projects. Here is an opportunity to show off something that you have made. Suggest it as a project of the month.

January: New-years resolution, an unfinished project

April: Cut to length, beat to fit, paint to match.

February: Something romantic.

Indian Creek Nature Center Woodworking Projects

Like many areas near the Cedar River, the Indian Creek Nature Center sustained significant flood damage this past June. The Rockwell Collins Woodworkers Guild constructed a large corner cabinet that contains an impressive wetlands display ten years ago. It was in the lower section of the display barn that was flooded by a couple feet of water. The quality plywood and hardwoods of this cabinet handled the flood water damage better than most materials, but it still needs some rework on the lower section.

slides or casters under the unit so that it can be moved when desired.

There are plans to hang the large ICNC 3D map, that was formerly displayed horizontally in the room, vertically on the wall. We are working on the placement of new studs in the wall to hold up the ICNC map. The map cannot be placed on the wall until the new wall construction is complete.

Additional / smaller woodworking projects.

This lower display room has been gutted and is currently being rebuilt. The wetlands display is huge and very difficult to move with the large glassed-in display spanning the cabinets. There is dust trapped inside from the room cleanup and the glass will need to be removed. This would be the best time to make flood repairs to the bottom cabinet and to add some Teflon

Now that the rebuild process has started, a number of other, smaller projects that woodworkers could construct have been identified.

Figure 1 shows the existing Indian display background with supporting cabinet and overhead light. The bottom of the display that completes the scene is

shown in Figure 2.

The Indian Creek Nature Center would like a base cabinet to be built for the display. The display would then be enclosed and set on the base cabinet. The unit should be wide enough to include display shelves on the left side. The upper portion would also have a glass or Plexiglas cover to keep out dust and hand contact.



Figure 1.
Indian Display with Stone Mashing Bowl.



Figure 2.
Bottom Insert for Indian Display.

Indian Creek Nature Center Woodworking Projects (Continued)

Another display and base cabinet needs to be constructed around the existing prairie grass display shown in figure 3. This triangular piece also requires a glass cover or Plexiglas, bent at 90°. The display case



Figure 3.

Native Prairie Grass Display.

would be finished separately as a totally enclosed portable unit. It sets on a separate triangular storage cabinet that also has castors for mobility.

The final project on the current wish list is a shelf enclosure / display for the Indian wicker beehive shown in Figure 4. This beehive needs a display area and, the Indian Creek Nature Center believes the shelves in the center of the bookcase, shown in Figure 5, would make a good home for this beehive.

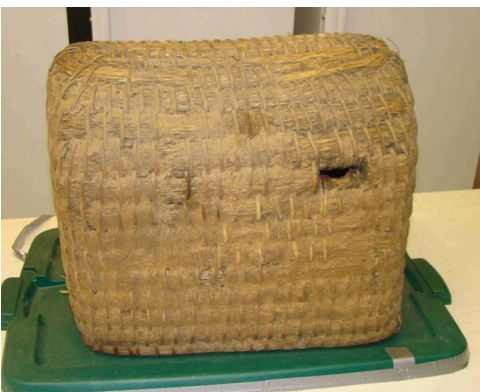


Figure 4.

Indian Wicker Beehive.

The proposed solution is to build two extended shelves, display top and bottom, with rails added in the bookcase to prevent them from tipping. A straight front with



Figure 5.

Current Bookcase and future home for Wicker beehive.

Plexiglas at the front would be acceptable, but a curved front with curved Plexiglas held in a groove would be preferred.

ICNC has offered the Woodworkers Guild a storage building to lock up a truck with our tools if we need this. We also have a heated area to work in when needed. The club's interest in doing this work will be determined at the Nov 18 meeting.

Ray Collins and Dave Huovinen



VISIT US AT:
WWW.ROCKWELLCOLLINSCLUBS.
COM/WOODWORKERS

KNOT KNEWS
Is published monthly by the Collins
Woodworkers Guild

The Collins Woodworkers Guild is a club dedicated to preserving the age old practice of creation using the medium of wood. CWG members gather monthly to share tips, ideas and experience to further the knowledge of all members. From creating heirlooms for their families to Toys-For-Tots, members help each other get the most out of their woodworking experience.

Membership in the Collins Woodworkers Guild is open to ALL Rockwell Collins, Inc. Employees, Spouses, Retirees, and Contract Employees, AT ALL ROCKWELL COLLINS LOCATIONS!! Everyone is welcome at our meetings and yearly dues, renewed each September, are \$15.00

GUILD BENEFITS

- Access to our EXTENSIVE library of books, magazines and Tool Collection
- Open exchange of ideas, from project help to house building; and a hand when needed
- Social Activities
- Workshops
- Toys-For-Tots and other Programs to help our Community
- Educational and Informative Presentations
- Open Houses
- Tours

Officers and Executive Committee

President:	Bryan Wesner	cwg-president@rockwellcollinsclubs.com
Vice-President:	Perry Coffman	cwg-vp@rockwellcollinsclubs.com
Secretary / Treasurer:	Wayne Hanson	cwg-treasurer@rockwellcollinsclubs.com
Membership:	Wayne Hanson	cwg-membership@rockwellcollinsclubs.com
Guild Photographer:	John Cox	cwg-president@rockwellcollinsclubs.com
Library:	Lee Johnson	cwg-librarian@rockwellcollinsclubs.com
Website:	Larry Tjaden	cwg-webmaster@rockwellcollinsclubs.com
Newsletter:	Joel Gillett	cwg-editor@rockwellcollinsclubs.com
Planning Committee (in addition to the above):		
	Wayne Hanson	cwg-membership@rockwellcollinsclubs.com
Toys-For-Tots Committee:		
	Joel Gillett	cwg-vp@rockwellcollinsclubs.com
	Wayne Hanson	cwg-membership@rockwellcollinsclubs.com
	Lee Johnson	cwg-librarian@rockwellcollinsclubs.com