

Meeting Notice:

- February meeting: Tuesday the 21st at 5:00.
- Main Plant Cafeteria
- Bryan Wesner's Chairs
- February Project: Glass.
- Door Prizes!!



Knot News

COLLINS WOODWORKERS GUILD NEWSLETTER

Chair Making

Chairs offer a lot of challenges. They have to stand up to treatment that few of our projects experience, they have very few straight lines or square joints and you see them from all sides so there is nowhere to bury mistakes, knots and sapwood.

There are obviously a lot of ways to make a chair. Bryans are a traditional frame with a padded seat but chairs can be anything from a one legged

milking stool to an easy chair to church pew.

Making a whole matching set comes with its own set of challenges. Small differences are visible when you have several together.

The joint have to stand up to the stresses of a large guy sitting, twisting and tipping. The mortise and tenon is the traditional choice because it works. Dow-



Bryan Wesner



els and screws eventually work lose because they are essentially end grain joints.

Bryan is using loose tenons and to make up for the fact that none of the joints are square. He made jigs so the fixture could be held at the required angle.

February Project:

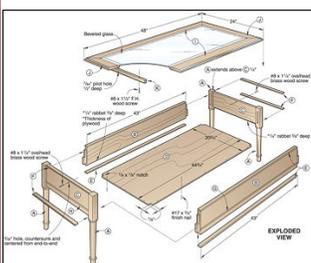
This is a really broad category. Like always a picture counts if you have made something that incorporates glass we want to see it. One obvious choice is a display case with glass doors. but if you think about it wine cabinets and lamps could count because bottles and bulbs are generally make of glass.



Glass

skills. Have you made a stained glass panel? Ever tried making something with leaded glass? This is a pretty versatile material and we would love to see how you use it.

This is the opportunity to show off your glazing



January meeting

In January Bill showed us the Drop Leaf table he built for his RV. It sounds like a pretty nice little table.



The project in January was anything made from scraps.

Toy Build wrap up



Plane Project

The planes are here and with one exception have been delivered to everyone who asked for one. There are even a couple of us that have finished them.

The kits include two brass sides, Mahogany in-fill pieces and a Hock blade and breaker iron set. You also get brass wood screws and a Allan head bolt to hold the blade.

You need to countersink the screws in the brass sides so that the heads stand slightly above the brass. You file them off later so you want to be pretty close to flush but not quite. Remember that you need both a right and a left side.

Drill pilot holes for the screws. The directions say to use 1/16th inch holes and that is the right size for that size screw in hardwood. That seems pretty tight considering that brass screws are easy to twist off. I opened the holes up a little with a gimlet

bit and lubricated the screws with dish soap. None of them twisted off. I set the front piece so that I could trim the mouth slightly. This let me set the mouth a little tighter than the directions called for and let me angle the mouth opening so that it doesn't open up as the sole wears.

Once the body was assembled I sanded the screw heads flush with the sides and the sole square. I then sharpened the blade and set it so the sharp edge is parallel to the sole.

This plane uses a bolt to hold the blade in place instead of the traditional wedge. You can adjust it by loosening the bolt slightly, setting the blade and tightening the bolt. That takes more time an messing around than just tapping the blade where you need it and seating the wedge but it



works.

It's a pretty nice little plane. The blade is harder than most so you can actually sharpen it. They promote it as a block plane but it actually works more like a small smoother. You can set it to take a fine shaving or hog off as much as you like. I'm probably going to pull the corners back on the blade so I can take a little more aggressive cut.

Upcoming projects:

March: Accurate measurement.

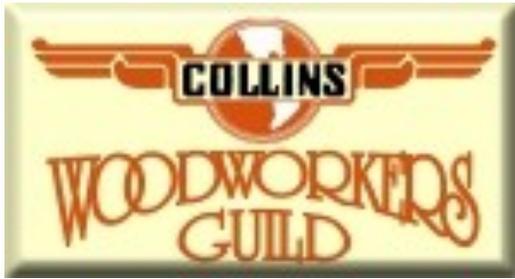
April: Table Saw Jigs

May: Router Jigs

June: Hardboard

July: Crosscut Sled

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



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

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