

CONEJO VALLEY WOODWORKER'S ASSOCIATION

The Bladerunner

January 1998 Number 23

JANUARY MEETING

Routers - Club Members

and

FEBRUARY MEETING

Advanced Routers - Club Members

The January meeting will present basic router techniques and router safety, and the February meeting will present advanced router techniques. If you have a "favorite" router technique, whether you invented it yourself or borrowed from a friend, magazine article, or woodworking tip, please share it with the group at either the January or February meeting.

CHRISTMAS PARTY

Thanks to Stephen and Dena Case-Pall's hospitality, those who attended this year's Christmas party last December 7, had a great time,. About 45 members and their spouses or friends participated in the festivities. Stephen commented that one reason why the party was so successful was everyone stayed together as a group to enjoy a lot of good discussion. The group didn't separate into woodworkers and non-woodworkers. In addition to the good food and good discussion, some of the lucky attendees won door prizes.

CONGRATULATIONS PRIZE WINNERS

Congratulations to the following prize winners:

Porter Cable Detail Sander - Brad Ormsby
Combination Square - Vicki Blake
Drum Sanders - Duane Nightingale

WELCOME VISITORS

Welcome to our visitors at the December meeting: Jack Larson, John Scott, and Elise Wakefield. We hope that you enjoyed your visit and learned something new about woodworking or had the opportunity to speak about your interests with

our members.

TOYS DONATED TO INTERFACE

This year, toys made by CVWA, Woodturners and the San Fernando Woodworkers were donated to Interface. Interface was selected because the donated toys are selected by parents who give the toys to their children.

Numerous toys were made by CVWA members, and were shown at the December meeting: Felix Masci's group, including Gene West, Bob Dominico, and Bill Poleri, made rocking horses. Duane Nightingale's group, including Vicki Blake, Brad Ormsby, Bill Walters, and Mike Markowitz made cars. Ed Bianchi's group, including Tom Hutchinson, Howard Johnson, Dick Pilling, and Don Tanhauser made eighty two cars and busses. Scotty Miller and Barbara Nelson made cradles. Bernie Huberman made puppets. Milt Kretch made several unique toys.

John Tarpley and Joe Shivokevich combined their efforts with the Woodturners group. They provided tenpins games, winding tops, drawing tops that use a colored pen for the point, and tops that turn upside-down, and cup and ball toys.

Robert Coyle and Dick Harmon worked with the San Fernando Woodworkers at the Pierce College woodshop. The group approached this task as a production project, and put together a very impressive assembly line. They built 130 wooden helicopters, some of which were combined with the CVWA toys for Interface.

Since this was described very rapidly at the December meeting, some names and toys may be omitted, If so, let us know, and the additional information will be included in the next newsletter. This is a very worthy activity that brings happiness to those who otherwise would not be able to share the joy of the Christmas holiday.

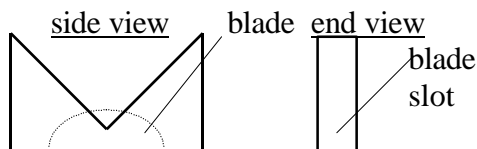
DECEMBER MEETING NOTES

Many of our members shared some of their favorite jigs and fixtures. Some of these are described below, but some would require too many diagrams or too much space for the newsletter, so they are just mentioned briefly. If you are interested in more detail, please contact the appropriate member.

Jigs for making "production" toys: Robert Coyle described some of the jigs that were used for making helicopters with the San Fernando Woodworkers. Their main concern was safety, so jigs were made that kept hands way from blades. The second concern was accuracy so that all of the components would fit together. Robert showed jigs for accurately cutting the tail on a table saw, a sliding table for a drill press to drill all of the holes in the same locations, a mount for a drill press to drill a hole to the same depth for the axles for rotors or propellers, and a round-over jig for the body of the helicopter. Most likely few people will be making mass production helicopter toys, but the approach to making these jigs was very relevant to any safe woodworking activity.

Cut-off jig, Spline jig, and Router table fence: Duane Nightingale demonstrated several jigs. The first was a cut-off jig for a table saw to cut large panels, similar to the one used in "New Yankee Workshop." The basic jig is a plywood panel that fits on one side of the saw. A rectangular cross-section piece that fits in the miter gage track to guide the jig is attached to the bottom of the jig. A fence fits on one edge of the jig to rest the panel. Plans for similar jigs can be found in many articles, for example, *Wood*, January 1994, Issue 67, p. 31, and more complex jigs that permit angles to be cut are available for purchase.

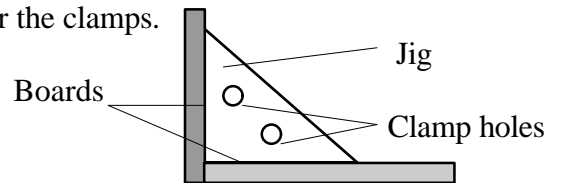
The spline jig holds a board so that a slot can be cut in a table saw. Two 45 degree cuts are made in a rectangular board to form a right angle. A slot is cut in the board so that the blade extends through the corner of the right angle section. The jig slides along the table saw fence to make the spline cut in the panel.



The router table fence extends the capabilities of most router tables. It clamps on the table, and contains a T-slot for stops so that a fixed length can be routed. This was made from a plan in one of the early issues of Shop Notes.

Drilling Jig: Bernie Huberman described a drilling jig for drilling holes at specific angles.

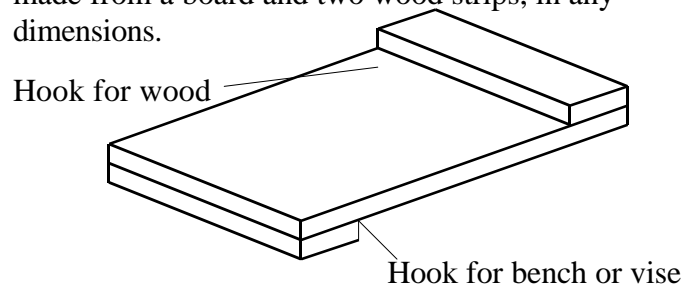
Right Angle Clamping Jig: Stephen Case-Pall demonstrated a simple cost effective right angle clamping jig that he used to make the library case for CVWA. This is a triangular piece of wood with two holes for the clamps.



The clamp is placed between the hole and the edge of the board.

Router template jig: Bill Brandt demonstrated a jig for use with a router and template to make multiple special shapes. This is a complex jig, but permits many identical forms to be made with smooth sides. The best reason is that there are no saw blade marks on the final product.

Bench hook and sliding table cut-off jig: Brad Ormsby showed a bench hook and a Dubby sliding cut-off table. The bench hook is a convenient jig to hold wood for drilling, sanding, or smoothing. It is made from a board and two wood strips, in any dimensions.



The Dubby sliding cut-off table (In Line Industries, 508-949-2968) is a commercial jig similar to the home-built table described by Duane Nightingale. However it includes a very precise miter gage.

Variety of jigs: John Tarpley brought a variety of commercial and home built jigs:

holder for drilling into a round end
marking gage for lathe

Veritas Wonder-Pup bench dog

holder for lathe to make small pieces
holder for pen blank and horizontal bore
**SOME NOTES ON A TRIP TO MOSCOW
AND ST. PETERSBURG**

by Ira Goldberg, Ed

During the two weeks before Thanksgiving, I had a business trip to Moscow and St. Petersburg. Although I had been to St. Petersburg twice before, this was an extended stay. The objective of the trip was to complete some measurements and to decide the future directions for a joint US-Russian project. As in most cases, there was "good news" and "bad news." The good news was that this was not merely a visit, but provided the opportunity of working with "real people." The bad news was that there was little time to explore.

Russia is a very beautiful and interesting country. The most noticeable feature of Moscow is the many churches with their turnip-shaped spires. Our hotel was near the Kremlin, and there was a little time to visit the Kremlin grounds. The Kremlin was built as a fort in the 15th century, and destroyed by Napoleon in the early 19th century. It was rebuilt on the same site to be the center of government. The cannons that Napoleon abandoned still decorate the grounds.

There are five churches in the Kremlin grounds. The oldest was built in the 1500's. Magnificent icons with gold leaf borders line the walls, and beautiful sculpture and religious decoration are displayed throughout. There are no pews; the people stand through the services. The museum on the Kremlin grounds showed the fine artwork made in Russia from about the 11th through the 19th centuries. Except for magnificent royal coaches, little furniture or wood craftsmanship was displayed.

Most of the property belonging to Russian nobility was removed or destroyed during the October Revolution, so it was surprising that the Czar's Summer Palace and The Hermitage as well as palaces of other nobility remained intact as museums of an earlier age. The Summer Palace was rebuilt after it was destroyed by bombardment during World War II, but The Hermitage remained intact through the Siege of Leningrad, and was preserved and is now renown as an art museum. However, some of the features were maintained as they were during the Czar's residence.

As woodworkers, the Hermitage and the Summer Palace had special interesting features. The Czar had the best of the best. Many of the pieces have very intricate gold or wood inlay. Much of the

furniture appeared to be made from dark mahogany, but some was European walnut. The light colored inlay appeared to be oak, ash, maple, or birch. The inlay patterns were very complex with very fine detail, and were nearly continuous through the face and sides of the furniture. Some of the pieces were close enough for visitors to examine the detail. Even though the furniture was more than 250 years old, there were no cracks, gaps, or missing pieces.

Another fascinating feature of the palaces were the floors which were made of elaborate patterns of walnut, mahogany, oak, maple, elm, and one medium-brown wood that may have been a European cherry. Patterns that looked like sun's rays or basket weaves covered most of the floors. In The Hermitage, the Czar's court was about 120' long and 40' wide, with every wooden piece perfectly placed. Craftsmanship required for such perfection, even after more than 200 years, is almost impossible to believe.

If you visit Russia, these museums are a "must."

ITEMS WANTED OR FOR SALE

For Sale

Jig Saw, Router Table, Chain Saw:

Craftsman table model jig saw	\$20.00
Craftsman saber saw	\$25.00
Wen 16" electric chain saw	\$22.00
Contact Stephen Case-Pall, 805-491-3660.	

SEND US YOUR NEWSLETTER INPUTS!

Vendors that offer discounts to club members

Special topics, questions, or local events

Items of interest to club members

Items for sale or items wanted; Letters and "Tips"

Inputs for the newsletter are needed by the 15th of the month before the meeting.

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