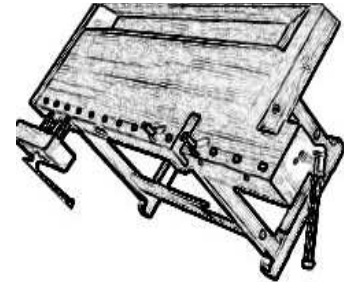


BENCHMARK



Newsletter of the Vancouver Island Woodworkers' Guild
VISIT US AT - WWW.VIWG.COM

Issue: FEB-2005

President's Report

The collective knowledge of our members is the Guild's greatest asset. January's meeting served to highlight this and was a perfect example of how we are able to meet the Guild's goals of providing both education and skill building. Cam Russell gave us a lesson in how to take rough stock, and safely and effectively make it useable. He did such a thorough job of explaining and demonstrating the process that I'm sure everyone was able to take something useful back to his or her shop. Mike Moore then followed with another superb presentation on how to calculate "springback" when laminating wood to a certain radii. Thank you Cam and Mike. And to all of our members, if any of you out there have something to contribute, please do! Now, for a brief update on upcoming activities of interest...

Change in Meeting Location for February 8, 2005.
Our meeting will be held at the S.J. Willis School at 923 Topaz Avenue in the auditorium at 7:15 p.m. The theme for the night is "Chairs – All Shapes and Sizes". Phil Makin has arranged for five speakers to discuss design, construction, materials, and all things related to chairs!

The Furniture Society Annual Conference is coming to Victoria! It is very exciting to announce that *The Furniture Society* has unanimously chosen Victoria as the host city for their June 2007 conference. Some of you may not have been aware that Ken Guenther and Cam Russell have been working on this for sometime. Some 400-500 society members will descend on Victoria for a 4 day con-

ference. In the words of the society, "conferences are a mixture of down to earth workshops on technique, heady discussions, invaluable tips and tricks, exhibitions, camaraderie and fun. They are unparalleled as a way to network with others in the studio furniture field. No matter if you are a furniture maker, curator, collector, educator, writer, gallery director, or professional, amateur or plain enthusiast, there will be plenty to inform, energize and inspire you". Its exciting to know that the Guild will play a major role in assisting Ken and Cam with pulling this conference off. It is an honour to be chosen and a coup for our Guild and Victoria.

The Show Committee would like to welcome *Darren Bertuccio* and thank him for agreeing to take over the chair from Mike Kattler. Mike has chaired this important and busy committee for several years with the help of Len Barnes. Thank you Mike and Len for the work you've put into promoting the work of our guild members.

Congratulations to Hikmet (Chico) Sakman! Chico's work is featured on the front cover of the February/March issue of *Canadian Woodworking* magazine. As we all know, its no easy feat to get featured on the cover. Hopefully some of you will find time to read the article that highlights his wine cabinet and furniture business. Good work Chico.

Russ Franson

FEBRUARY MEETING

IMPORTANT.....!!!! LOCATION CHANGE.....!!!!

will be held at the S.J. Willis School at 923 Topaz Avenue in the auditorium at 7:15 p.m.

How to prepare a piece of wood to size.

Finish to size

Prepare a parts list

Make a list of each piece needed and the number of pieces of each. Ensure allowance is made for any joints that are required. It is suggested that each piece have a "letter" label, such as "C" "D" "H" etc.

Determine the wood to be used for each piece

Look at the pieces of wood that are intended to be used and consider where each piece will be taken, being careful to avoid knots and cracks in the wood. Mark the intended pieces with chalk or crayon. Determine the largest pieces first and work to the smaller pieces until all pieces have been identified. Review against parts list before proceeding.

Rough cut each piece

First cut to rough length (final length +2") and then to rough width (final width + 1/2"). Be aware of the shape of the board and consider closely how to cut the piece. If the board is twisted do not use the table saw if there is a chance of the wood binding. Consider using a bandsaw, handsaw, circular saw etc. if it appears to be safer.

Then cut the board to rough width. Again, be aware of the shape of the board and how you can cut it safely. Use a saw where you can safely guide the wood.

Now joint the face side. If the wood is curved put the concave side down against the knives of the jointer. Continue to joint this one side until you have a flat surface. Note the grain direction so that a smooth finish is obtained. Examine the wood between each pass to ensure you are not planing one end more than the other. It isn't necessary to have the face side completely smooth, just flat enough to pass through the planer. Once the face side is complete, mark with a face side mark "•" and show the direction of the grain on the face side.

Proceed to joint an edge considering the curve in the wood. Again put the concave side down. Once the edge surface is flat, mark with a "V".

Move to the thickness planer to get the final dimensions of the pieces required. If the pieces are not too wide, the width and thickness can be done on the planer. With the face side down, have the grain direction mark point away from the direction that the wood enters the planer. Once the second side is parallel to the face side, flip the piece end for end, do not rotate sideways, and feed into the planer. This should give a good finish the same as on the jointed side.

Leave the dimensions slightly larger to allow for sanding on the final product.

Cam, we all thank you for a very clear presentation to the guild members. We appreciate the time and effort you give to the guild.

Wayne Holmes

February's Seminar

...will be everything you wanted to know about the jointer. Michael Moore will cover: machine set-up, maintenance, basic use and safety, as well as flattening large or twisted workpieces. This would be an excellent introduction for the beginner and a good refresher for the intermediate woodworker. Taking place on Feb 12 at Michael's shop 259 Esquimalt rd. Sign up at the meeting or contact Michael at 388-0945. Future topics for seminars include: veneering/ marquetry, and French polishing by Gregory Brown, a past key-note Speaker.

Wood Recovery

The guild has just purchased some 1 inch maple from a location near Cowichan Lake. The purpose of buying this is to provide the present students in the Fine Furniture program with wood for their end of year project.

I would like to thank Phil Smith for making the contact for us and doing the bartering. We got it at a very good price for the guild. I also want to thank the volunteers who helped move it to Victoria and load the kiln – Phil Smith, Phil Cottell, Donna Cottell, Ernie Bleiker, George Calvey.

We have the opportunity to purchase more for guild members. We could buy it, dry it in the kiln at Camosun and then sell it to members. The anticipated price would be \$1.25 a board foot. The wood we saw did not have much figure in it, but it was good quality. The wood would be available about September 2005, or maybe in June – depending on the drying time. If you are interested please contact Wayne Holmes at 479 4694 or wgholmes@shaw.ca.

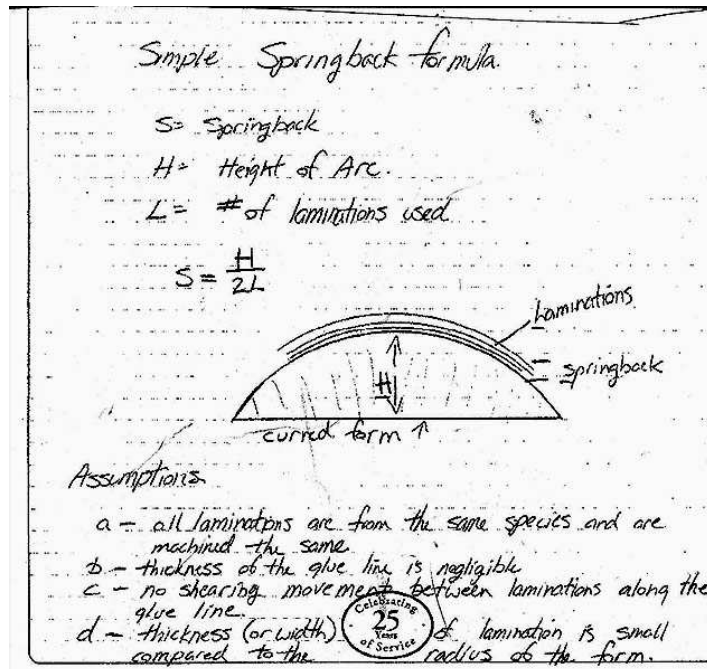
SpringBack Formula by Michael Moore

In the January meeting Michael laid out a fairly simple method of determining springback in a bent lamination which would be typically needed for furniture construction. The formula is laid out below. What is interesting is that there appears to be little change regardless of the species of wood used. Having done some of this work myself, I would only suggest that the wood used be fairly dry and stable – but not overly dry, as this will make it more difficult in general to bend.

The value in this formula is that if you know the size (ie the radius or diameter) of the finished lamination, then using this formula will provide you with the information that you need to make the size of your bending/laminating form. The form will be smaller (ie tighter) in radius than the final size after it has been released from the form and sprung back. The formula also says that if you want to reduce springback, you need to increase the number of laminations used, but now instead of guessing as to the change in springback, you can calculate it with the formula. Thanks Michael.

Phil Makin

Here is the diagram drawn by M. Moore



Meeting Theme – Chairs

The big theme for February is chairs. We have a great group of presenters and people who can answer your questions on the many mysteries of chairs.

Our panel this month consists of:

Wayne Anaka – Wayne is a long time guild member who among other talents has been restoring and repairing chairs for over 20 years. Wayne will walk us through a typical spindle chair repair process.

Ted Hodson – Ted is a greenwood chair builder and represents a traditional element to chairs. His work is also traditionally finished and looks like it will last a few hundred years.

Michael Moore – Michael will discuss chair design and represents the modern side of the subject. He brings a tremendous interest and expertise to the subject and is a very good communicator.

Jim Watson – Jim was born right where the first Windsor chair was made – you will find out where that is at the

meeting. Jim has been a great resource for the guild over the years with his work on spinning wheels, but for many years he has built Windsor chairs. It seems these days he is going back to the chair side which is great.

Richard Wroot – Richard is a brand new guild member who is a real “bodger”. No not a badger a bodger. That is the name given to a craftsman in England who builds chairs and Richard has a very traditional interest in chair building, somewhat like Ted’s. Thanks Richard for jumping right in as a contributor to our meeting.

The whole meeting will be on CHAIRS. We ask you our members to bring your special chairs for brief show and tells which the panel will comment on. If you have a favorite article, book or other resource on chair design, building or restoration, please bring it along and tell us why you like it.

Finally, no need to bring chairs to sit on – we have them provided for all of us.

Phil Makin

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#20 preferred; #113 also OK
Call **Karl @ 592-3231**

Turbinaire 1235 HVLP
spraying system.

Never used, brand new. \$1200
ALSO various hand tools including
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9'6" long x 3' wide table, power lift
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\$2000 + tax
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