

OTOW WOODSHOP NEWS

JUNE 2023

Upcoming Shop Activities

Schedule for June

Woodshop Orientations

Tuesdays June 6th and June 20th - 8am-9am

To attend you must sign up on the
shop calendar posted on this website

Woodshop Cleaning (see page 8)

Thursdays, 1st, 8th, 15th, 22nd & 29th - 6pm
Shop closed during cleaning

Woodshop Board Meeting

Monday June 19th - 3pm

Have a question?
Use the "Contact Us" page of this website

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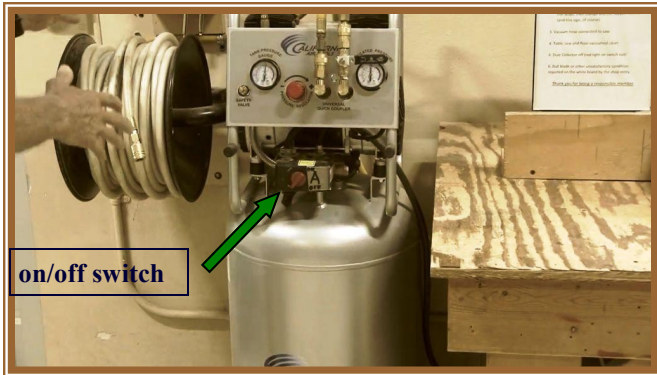
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*Publishing Team:
Ed Casper and Susan Yenne*

Recent woodshop equipment additions/changes

(The following are screen shots from the woodshop video "ST-06 OTOW New Equipment")

[Click here to view the complete video](#)



New compressor:

- *Greater capacity
- *Quieter
- *Compressed air connections at 3 remote locations in the shop



Remote air tap valve

- *to use remote air taps turn valve handle to up position
- *Air taps now available at the sanding table and two lathe locations
- *When not using remote taps make sure valve is in "local use" position (horizontal)



Second chop saw has been removed.

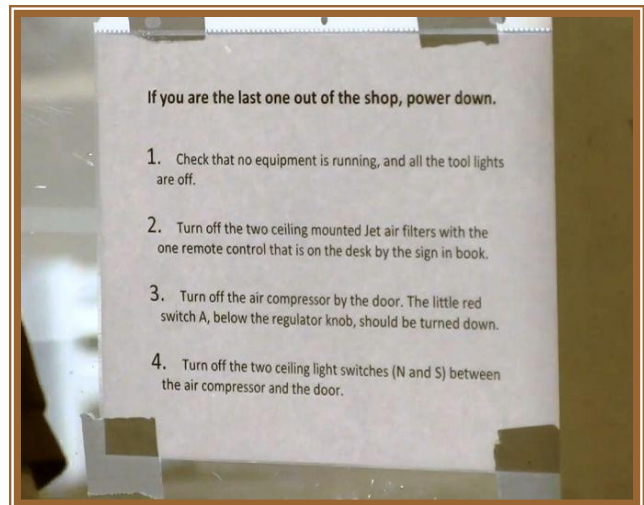
- * Vacuum is now permanently attached to remaining saw

New shut down procedure for “*last person leaving the shop*”

- 1) Make sure there is no equipment running, all tool lights are off, and lights over the lathes are off
- 2) Turn off the air compressor
- 3) Turn off the two ceiling mounted Jet air filters using the remote control device located on the “sign in desk”
- 4) Turn off the light switches located next to the air compressor.



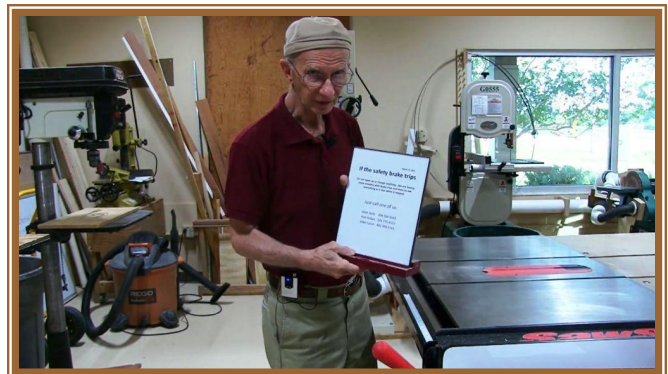
Temporary posting for Shut Down Procedure



Help solve the mystery

The shop has experienced several mysterious Saw Stop trips. Neither Saw Stop nor our technical guys can figure out why.

Sooooo, if while using either one of the Saw Stops and the saw trips **don't** try to fix it. Contact either Dave or Bob and let them try to figure out the mystery.



Member Project



Danish Cord Stool:

By Larry O'Flynn

My Review of a Woodworking Kit purchased from Lee Valley

Larry

Woodworking kits can be useful educational tools which allow the woodworker to learn a new skill. Lee Valley offers a few kits and the Danish Cord Stool recently caught my eye. I thought it would be interesting to learn how to weave a seat using Danish cord: a material made from paper that is surprisingly durable.

The skill level according to Lee Valley is Beginner to Intermediate which is on target. They state the completion time as 7 to 12 hours plus glue curing time. My experience required a bit more time as I felt a greater extent of sanding was needed and I selected my own pace for the weaving process.

The kit comes with most of the materials to complete the project other than typical items most have in their shop (drill, hammer, tape measure, etc.). There is a Contents List which also contains a link to an online article with in-depth instructions as well as a video demonstrating the weaving process.

The wood pieces are Ambrosia maple and the instructions are informative in describing how this wood gets its unique coloration as the result of an infestation by the wood-boring Ambrosia beetle and a fungus this beetle introduces to the wood - useful background for a new woodworker. The pieces are supposed to be cut to size with mortises already cut. Upon assembly with the supplied floating tenons the basic frame is constructed. Perhaps my wood pieces were cut on a Friday afternoon as I noticed variation in the dimensions. The legs were supposed to be 1 1/4 " by 1 1/4 ". I had one leg with those dimensions but I measured one being off by 3/32". The surface finish had the usual milling marks one gets from dimensioning lumber (blade marks, some tear out, scalloping from the thickness planer, and burning along the edges likely due to a duller blade). As a result, I spent a bit more time on the sanding to get a satisfactory product.

When gluing up, they recommend holding the joints with masking tape while the glue cures. I used clamps.

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Member project continued from previous page

Ambrosia (wormy) maple with characteristic fungus coloration.



Assembled frame of the stool:



Five of the 16 joint matings with the legs resulted in a flush surface while all other rail connections were proud of the leg surface with the most proud joint being off by 3/64" (about four playing card thicknesses). These fittings were all dependent in the cutting of the mortises from the outside surface. To get a flush meeting between the rail and the leg is challenging. A design change to eliminate this problem would be to cut the mortise in the leg such that when the rail is joined there is a small reveal to the leg.

rail is joined there is a small reveal to the leg.

A finish of beeswax polish (included in the kit) is applied to the frame and buffed.

After layout for the nail placement in the rails and hammering in the L-shaped nails. The weaving process begins.



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Weaving occurs in three stages: the warp ties the front rail to the back rail. Wrapping wraps the space between the warp strands on the front and the back rail.

The weft runs the cord between the side rails and is the most time-consuming. It is important to keep the cord straight and to avoid twists. Many nails needed to be hammered deeper as they worked loose from the wood. I ended up doing the weaving section in several stages in order to give my fingers a break.



In addition to using a screwdriver to help to keep the rows straight, I also used a fid (shown in picture) to help which was much easier on my fingertips. The close spacing of the nails on the sides and my large fingers led to some challenges during this stage. Taking my time and sometimes undoing what had been done to correct an error eventually allowed for a finished product.

The project was fun. The accurately cut 90-degree mortises allowed the floating tenons to pull a tight no-gap joint together. Although some of these joints were slightly proud at the surface, the overall look of the project was acceptable. The final product measures 18"x12"x17 1/4" and its convenient size has resulted in my wife using it in her dressing area. For less than \$100 the project was a good way to learn about Danish cord weaving and I will likely use this technique on a future project.



Larry O'Flynn

WOODSHOP TIP FOR THE MONTH

Borrowing Wood Shop hand tools

Only 15 rules and it is expected woodshop members be familiar with all 15

[Click here to view all 15 shop rules](#)

Rule # 6 — Borrowing Wood Shop hand tools

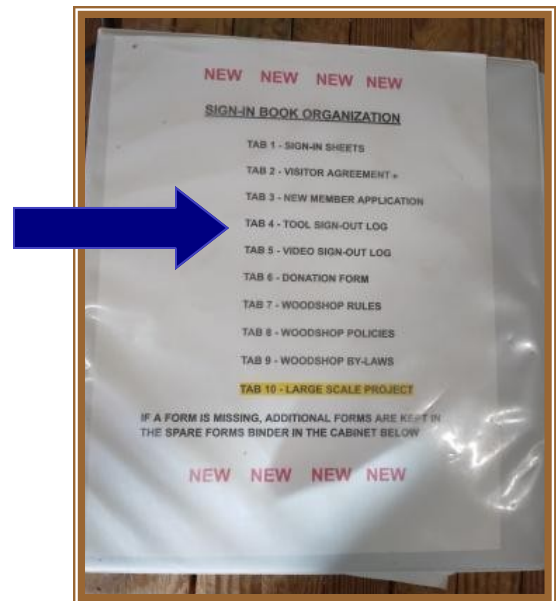
6. Members may borrow Wood Shop hand tools and portable power tools for their personal use outside of the Wood Shop.

The member must record their name, the name of the tool(s) borrowed, and the date borrowed in the appropriate logbook.

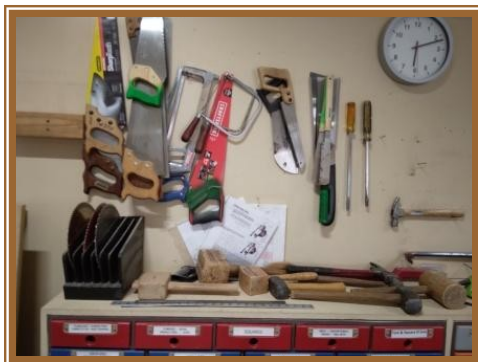
Borrowed tools should be returned in less than a week. Borrowed tools may not be operated by non-Members outside the Shop premises.

If needed for a longer period, the borrower must ask for permission to do so from the Board President or his designee.

The date and time of return must also be noted in the log upon return of the tool(s).



Log book located at the Sign In Desk



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Hand tools are located on the wall directly opposite the entrance to the shop

***Here's an opportunity to give back
to the OTOW Woodshop***

VOLUNTEERS NEEDED

***Some open slots on various teams exist
for the weekly cleaning crew.***

It's easy and fun.

*Every Thursday one of several teams will completely clean
the shop from top to bottom (about 1-2 hours for a team of six).*



*Stop in the shop and add your name to the white board
posted by the entry door and set yourself up to be a part
of what makes this shop one of the best in this state.
Or just show up at 6 pm on any Thursday.*

***All woodshop members
are invited to attend the Board Meetings
held Monthly (except August)
on the third Monday
@ 3:00 pm***

Location - meeting room adjacent to the woodshop

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OTOW Woodcarvers



My wife and I are originally from northern Minnesota. After we retired, we moved to a small town in east central Arizona. There were no carving clubs in the area, but I gave carving a try on my own. That didn't work out very well and I let the idea drop.

Gary Dormanen

After eight years in Taylor, Arizona, we moved to Brooksville, Florida to experience living by the Gulf of Mexico. I joined a carving club in the area and have been enjoying wood carving for 4 years. We moved to OTOW in April of this year. I was pleasantly surprised to find that there was a carving club here.

I try to carve a variety of things, but I prefer faces and caricatures. For new carvers I would recommend the numerous videos on you tube. Also, Wood Carvers Illustrated Magazine is a real asset because it gives step by step instructions on beginner to advanced projects.



I would encourage anyone with an interest in carving to join us carvers every Thursday from 3pm to 5:30pm in the art room Hobby building opposite the woodshop.

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***For more information
about the shop***

***Check out the website
www.otowwoodshop.com***

***questions/comments/
suggested topics/ projects etc
Use the "Comments" page of the shops website
Click here for "[Contact Us](#)" page***

*(Important—Please include your
phone number along with your name)*

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***If you are interested in carving
stop by and bring a knife or a chisel
and start carving with the OTOW Wood Carvers.
Every Thursday from 3pm to 5:30pm
in the Hobby Building - Art Room***

***Need more info contact:
Rich @ 404-558-3855
Tom @ 352-586-1171***