



February 2022

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of

OTOW Woodshop

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This Issue:

Welcome to the first issue of the ***OTOW Woodshop Quarterly***.

We are excited to bring you information about the OTOW Woodshop facilities and activities. Our plan for this and subsequent issues is to use the following format:

- Comments from BOD and committee leaders
- Shop Demonstration and Information (videos/classes)
- Sounding Board—Feedback from membership

- Woodshop tip—"how to do it tip"
- Featured Project—Highlight a club members project

This is a work-in-process publication for our membership— we look forward to any comments and/or suggestion you may have.

Our Featured Project in this issue—David Greenway has provided us with a overview of his recent project—a beautiful entertainment center. Great Job David!

*Publishing team:
Ed Casper & Ed Glynn*

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Woodshop Documents

By-Laws

Shop Rules

Policies

Woodshop Operation

*Check out the Documents section of
this website*

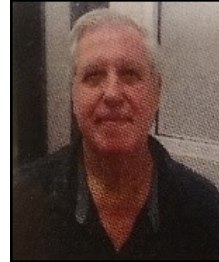
OTOW Wood Shop Board of Directors



***Bob Wilkes
President***



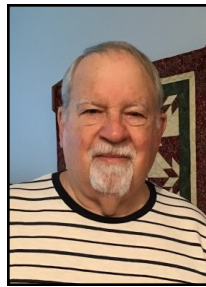
***David Patton
Vice President***



***Robert Oddo
Secretary***



***John Daus
Treasurer***



***Larry Huffman
Member at Large***



***Jim Nicholson
Member at Large***



***Bill Watts
Member at Large***

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Board meetings are held

Monthly

on the third Monday

@ 3:00 pm

meeting room adjacent to the woodshop

Woodshop members are invited to attend

Message from the Woodshop President



I'm looking forward to this first edition of our newsletter. I think it can be a great way to showcase your projects and, perhaps, inspire others to learn new techniques or try a different type of project. But it will only succeed, of course, if you contribute to the cause. I've seen some pretty good stuff being assembled in the shop. Please use the "**Sounding Board**" section of this publication and let us know your thoughts and/or interests.

On the administrative front, the Board is working on several important issues.

First, with the influx of new members, comes an increase in the use of the facilities. A large project can quickly eat up bench space and machine time. We're working on a procedure to help us control those large projects. Stay tuned.

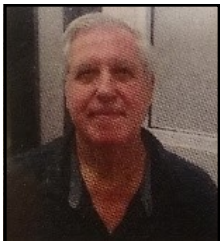
Second, the Education Committee is hard at work producing and finding videos to present safe operating techniques and "How To..." demonstrations.

The third big area in process is identifying what upgrades we want to pursue this year. We've already got a pretty long list of items to consider, but look for a member survey in the near future. Your input is important and we want to include it when we prioritize the list.

Now, go out and make some sawdust!
Bob Wilkes,

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Message from the Woodshop Secretary



Greetings from your Woodshop Secretary - Robert Oddo! As the new club secretary my job is the smooth flow of membership processing and woodshop communications. We've already embarked on making some small changes to help improve how we deliver information to you, starting with a small re-organization of the sign-in area in which we consolidated all the needed forms, shop rules, policies and by-laws into a single binder. If you have comments on how well that's working or any suggestions to improve, please let me know.

We also have a trial of a shop calendar that includes an event sign-in capability posted on the web news section. Let me know what else you'd like to see on this calendar.

If you have questions or comments on the above or anything else, please send them to otowoodshopsecretary@gmail.com

Sounding Board:

Member feedback

*Future issues will have
Feedback posted here*

Lets us know your thoughts, suggestions, recommendations anything on your mind relating to our woodshop. Include pictures if helpful.

Use the "Contact Us" page of this website

[Contact Us \(otowoodshop.com\)](http://otowoodshop.com)

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Shop Education (Classes/Videos)



David Keitz

As chairman of the education committee, I strive to help enhance members' woodshop experiences by improving their machine use skills. The shop is open to any resident who wants to continue their woodworking hobby or try woodworking as a hobby for the first time.

The main thrust of the shop's education activities is to help less experienced people develop safe and effective techniques. These include demonstrations in the shop, and videos we have made in the shop. We operate with member volunteers so, of course, we are limited in what we are able to offer. All the demonstrations are free and open to all members.

Demonstrations:

While there are no formal classes, we do have randomly scheduled demonstrations. These sessions are mostly on proper use of machines, jigs and fixtures in our shop.

Currently we are conducting a six week long set of sessions on basic spindle and face turning. There are two groups of four members participating. We have four volunteers leading these sessions.

Basic machine use demonstrations are conducted about twice a year. The sessions are usually two or two and a half hours long with up to six participants in each session. Typically, we cover all the floor or bench mounted saws (7), the planer, the router table, the drum sander, the flatmaster sander, and the drill presses (2) in the sessions. There are usually six participants in each session. Each time a set of sessions is being organized, I look for volunteers with some experience to help.

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Videos:

There are many videos available on our website, most made in our shop, which show how to properly use most of the machines and many of the jigs in our shop. New videos are still being added. All members are encouraged to review these videos regardless of their craft experience since they show where everything is in our shop and, of course, our exact equipment as well as good practices. My experience has included several machine or project damage incidents that would have been avoided if the member had reviewed the appropriate video before using the machine.

Continued on next page

Smart Shop Tips:

We are also experimenting with irregularly produced short "Smart Shop Tips" videos which are emailed to all the members. The first was on how to avoid dust collection problems on the SawStop table saws. The second will be on "What We Have - Jigs". It will give a brief description and the location of the jigs and fixtures we have in the shop. We hope to produce a couple of these each month.

SawStop Table Saw:

We have two professional cabinet saw model table saws in the shop. These are top of the line machines and are very capable tools if used properly. The safety brake that prevents serious injury from the blade is truly awesome.



To avoid difficulties that can cause the brake to activate, and to learn all the other features unique to this saw, special sessions are scheduled for these most commonly used machines.

There is a introductory session that all members should take regardless of their experience with other table saws. These are being scheduled to be presented twice a month . There is also another session on using the jigs and fixtures we have available for use on these

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***Here's an opportunity to give back
to the OTOW Woodshop
Join a cleaning and maintenance team today. It's easy
and fun. Every Thursday from 6:00 pm to 7:00 pm a team
will completely clean the shop from top to bottom. 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 on any Thursday
the cleaning process takes about hour or so***



A number of interesting and educational woodworking videos are available on the internet.

For your convenience we have selected several you may wish to review.
**Those marked OTOW were produced in OTOW's Wood Shop
by our club members Ben Jernigan and David Keitz**

Links to these videos are Listed on the *Education* page of this website

*Video Producer
Ben Jernigan*

Member Information

MI-01 **OTOW** Shop Relocation Pipe Clamps

Band Saw

BS-1 Band Saw Safety

BS-2 Band Saw Clinic

BS-3 **OTOW** Resawing Jig

BS-4 **OTOW** Circle Cutting Sled

Drum Sander

DS-1 **OTOW** Drum Sander Basics

Maintenance

MT-1 **OTOW** SawStop 1 Dust Collector

MT-2 **OTOW** SawStop 2 Dust Collector

MT-3 **OTOW** Lg Dust Collector Cyclone Separator

MT-4 **OTOW** Lg Dust Collector Air Sound Baffle

MT-5 **OTOW** Lg Dust Collector Main Enclosure

MT-6 **OTOW** SawStop Table Saw Lubrication

Router Table

RT-1 Router Table - Basics

RT-2 **OTOW** Router Table General

RT-3 **OTOW** Router Table Fence Use

RT-4 Router Bits for beginners

Surface Planer

SP-1 **OTOW** 20" Surface Planer Care/Use

Table Saw

TS-1 Table Saw Safety Tips

TS-2 Table Saw Preventing Kickback

TS-3 SawStop Table Saw Fundamentals

TS-4 SawStop Myths

TS-5 **OTOW** Sop 3030 Cut Off Sled

TS-6 **OTOW** Narrow Strip Ripping Jig A

TS-7 **OTOW** Narrow Strip Ripping Jig A Refresher

TS-8 **OTOW** Long Board Edge Straightening Jig J

Suggested workshop videos

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Woodshop Tip for the quarter Narrow Strip Ripping

There are “**How To**” videos posted on the Woodshop website and there are “**Quick reference**” sheets posted on or around several pieces of shop equipment. The following is a copy of one of the **Quick Reference** sheets posted by the #1 SawStop.

The following is a overview only - please make sure you have viewed the detailed Shop Videos provided on our website for complete detailed instructions.

Narrow Strip Ripping using Jig A and support fence FA

(stock length up to about 30 inches)



Step 1

For strips 1/8” or less—install the Zero Clearance Throat Plate.

Make sure the saw blade is raised high enough so small anti-kick back pawl will not push the small strip you are cutting into the crack.

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Step 2

Place support fence FA front edge tight against the Saw Stop table edge.

Fasten to the Saw Stop Fence with both clamps.



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Narrow Strip Ripping Continued from previous page



Step 3:

Place Jig A into slide slot of support fence FA.

Step 4:

Use sacrifice block long enough so front end of the block passes the back side of the saw blade.



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Step 5:

Lock push block into position. Note the single small point on the Jig and squeeze it into the push block. Push block should now move back and forth with Jig A.

Continued on next page

Narrow Strip Ripping Continued from previous page

Step 6:

Adjust Fence assembly to desired strip width between Jig A and blade.

Table saw setting = 10" + desired strip thickness.



Step 7:

Hold push stick against side of stock to hold it against Jig A side while pushing stock through saw blade.

Push against Jig A and in front of blade—do not push stock against blade—let it slide by push stick.

Step 8:

Repeat cutting process for additional strips..

Step 9:

When finished cutting:

Turn saw off.

Replace Jig and Support Fence (Note: Support Fence is stored upside down).
Return Saw to original condition.

Clean up the work area.

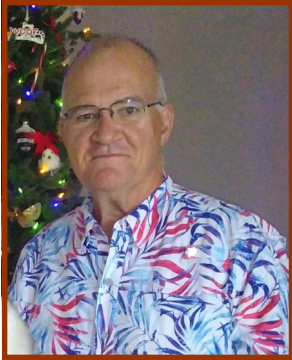


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Pictures included in this brief overview are screen shots from the "Narrow Strip Jig (refresher)" video found in the video section of our website www.otowwoodshop.com.

Featured project

Contributed by David Greenway



Hi, I'm David Greenway and we moved into Kestrel at the end of August this year. I love having the woodworking shop here at OTOW and it was one of the reasons that we decided to move here. After not being able to find some of the furniture I was looking for, I decided to build my own entertainment center here at the shop. I've always done traditional designs, but our home here at OTOW is contemporary so I wanted to try something new. The shop has all the tools that I need to make whatever I want and the space to construct it but due to the size and number of pieces that I'm making I decided to use the shop's equipment to mill all the pieces and then bring them home for assembly and finishing.

The pieces

The centerpiece needed to be mobile so that I could service the audio equipment and wiring, so I built it on 8 swivel rollers.



I needed it to house the center channel speaker, amplifier, DVD and a 72" wide fireplace. I wanted the whole system to blend in with the TV and fireplace while still having a contemporary visual appearance. Because the TV and fireplace were black I decided to make all the doors and panels in the lower section with splines so I could cover everything with black speaker fabric.

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The wood color is a match to the other cabinets in the house but unlike the others I decided to eliminate all visible hardware to complete the contemporary look. In the photo below, the 3 panels above the fireplace all use magnetic touch latches and magnetic switched LED lighting for the DVD and Amplifier compartments. The amp section also has a built in variable speed 400mm fan for cooling.

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Featured project continued



The two side cabinets serve as both display cases and as speaker / storage cabinets. The lower sections have the same speaker fabric fronts. The bottom shelves also have magnetic switched LED's.

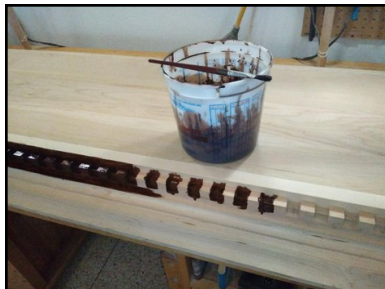
Each shelf in the upper display section along with the TV has LED lighting that is controlled by a wall dimmer switch.

The dental molding was cut at the shop and I have my own mold making equipment that I used to make the crown.



The one thing I was uncertain of was the finish. Before I moved here I sprayed lacquer with HVLP equipment. Unfortunately, I don't have that option here so I had to come up with something that I could brush on and still get a lacquer type finish. To match the other woodwork in the house I also needed a dark stain but the maple wouldn't absorb it so I had to blend it into the finish.

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To achieve it I blended;
10 parts Minwax fast dry polyurethane
1 part Flood penetrol (eliminates brush strokes
and slows the drying time)
3 parts Sherwin Williams wiping stain.

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Featured project continued

Then I applied 2 coats using a foam brush and sanding with 220 grit between coats.

I have to say that I'm very pleased with the results and would recommend it to others.



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David Greenways finished project

Editors note:

**WOW!
Nice work David !!!**

WOOD WORKING SAFETY TIPS

- ***MINIMIZE DISTRACTIONS***
- ***WEAR APPROPRIATE CLOTHING***
- ***AVOID WEARING JEWELRY***
- ***ALWAYS WEAR SAFETY GLASSES AND GEAR***
- ***TAKE TIME TO READ THE TOOL MANUAL BEFORE USING A NEW TOOL***
- ***USE WELL-MAINTAINED TOOLS***
- ***CHECK WOOD FOR NAILS***
- ***DISCONNECT POWER WHEN CHANGING BLADES OR BITS***
- ***USE SHARP BLADES AND BITS***
- ***USE PUSH STICKS OR PADS WHEN USING A TABLE SAW, JOINTER, BANDSAW, ROUTER TABLE OR SHARPENER***
- ***KEEP THE BLADE COVER ON SAWS WHENEVER POSSIBLE***
- ***NEVER REACH OVER A RUNNING BLADE***
- ***CLAMP WORKPIECES DOWN FIRMLY***
- ***WORK AGAINST THE CUTTER***
- ***DO NOT TRY TO FREE A STALLED BLADE UNTIL THE POWER IS OFF***
- ***ASK FOR HELP WHEN YOU NEED IT***
- ***ATTEND A DEMONSTRATION COURSE***
- ***USE COMMON SENSE***
- ***DON'T USE DRUGS OR ALCOHOL***
- ***THOROUGHLY CLEAN ALL YOUR WORK AREAS , ADJACENT AREAS AND FLOOR***

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*For more information
about the shop*

*Check out the rest of
the website.*

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*Send us your
questions/comments/
suggested topics/ projects etc*

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