



TWA Newsletter

Next Meeting: Tuesday, August 16, 7:00 pm

Location options:

- (1) Klingspor's
- (2) Zoom videoconference; use the information below to join.

[https://us02web.zoom.us/j/82438192507?
pwd=OFNPbW5iRWZhZTFhZk1WUkkvTTYyUT09](https://us02web.zoom.us/j/82438192507?pwd=OFNPbW5iRWZhZTFhZk1WUkkvTTYyUT09)

Meeting ID: 824 3819 2507

Passcode: 175208

Topic: Building a Wooden
Airplane

Speaker: Dave Wilburn

Did you ever feel the need to build a wooden airplane in your shop? If you want to learn how, join us as Dave Wilburn takes us through his journey and shows us his replica SPAD XIII. This is the World War 1 airplane made famous by air ace Eddie Rickenbacher.



About Dave Wilburn:

I've been an avid woodworker since my teenage years in the late 60s, and I mostly enjoy challenging furniture projects, primarily for my personal use, but occasionally as an ad-hoc small business.

I've also got a distinct love for wooden aircraft construction I'd like to share partly in story form but also in the form of my full-size WWI SPAD XIII partial build I'll be trailering from the Charlotte area, along with a couple other surprise aviation items.

I'm a retired major airline mechanic who's also spent a 3-year gig in Afghanistan with a Lockheed Martin/USArmy airborne surveillance agenda protecting the ground forces during that previous conflict.

Let's talk shop and share stories!

Host: Roy Brookhart

INSIDE THIS ISSUE

- August meeting 1
- July meeting minutes..... 2
- Tom McLaughlin presentation 2
- Upcoming meeting..... 4
- President's message 4
- Mentors..... 4
- Membership committee..... 5
- Thank you to our members 5
- Treasurer's report..... 5
- Board and committee members 6
- Sponsors 7



TWA GENERAL MEMBERSHIP MEETING—JULY 19, 2022

(meeting minutes: James Sapp)

Roy Brookhart opened the regular July meeting on Zoom with 34 in attendance. Christopher O'Brien attended his first TWA meeting as a new member.

Two board members' terms are expiring this September. Two people have volunteered to serve these terms. Judy Sanwald will serve as an at-large board member and Jim Sapp will serve as Secretary to the board. These terms will begin in September. The board expresses its thanks to Dick Raup for his three-year service to the board.

Joe Sabo announced that Tuesday, December 6 has been selected as the time for the annual Toys for Tots celebration. Details on meeting location and meal format are being developed. Bob Andrews

is the contact liaison between the Hardwood Store and the Toys for Tots teams. Workshop team members should drop an email or text note to Bob about what they are going to need before going to the Hardwood Store for Toys for Tots supplies. The Hardwood Store prefers that we use wood from the short stock rack. If needed wood is not available in the short stock, let Bob know what wood species and sizes you will need prior to going to the store.

The planned shop crawl for this meeting ran into technical issues in transmitting Zoom stream and was postponed to a later date when the issues are resolved.

Joe Sabo shared that based on the recent bad experience he had with Raleigh Saw resharpening table

saw blades and router bits, he is strongly encouraging members to look at other places. Members spoke highly of their sharpening experiences at Ashcroft Tools (TWA sponsor).

As a reminder to members, a list of TWA sponsors is attached to the monthly newsletter. Patronizing these sponsors helps the club and can bring discounts on purchases.

The August 16th meeting will be held at Klingspor's and on Zoom for those who are unable to attend in person. Dave Wilburn will be the featured speaker who will take us through the process of building a full-size wooden airplane.

Depending on resolving logistic and insurance issues, Dave hopes to have the airplane at Klingspor's.

TOP FIVE SHOP-MADE JIGS - TOM MCLAUGHLIN

(meeting minutes: James Sapp)

The July meeting presentation was given by Tom McLaughlin of Epic Woodworking, who presented his five favorite woodworking jigs. Tom along with his spouse, Kris (AKA the camera lady) came to us live from their shop in Canterbury, New Hampshire. Tom's website is www.epicwoodworking.com. Tom offers classes at his shop and over internet. Currently, he is conducting a weekly on-line class on building a Queen Anne style footstool. Tom also has a regular weekly presentation called Shop Night Live that airs on YouTube on Thursday evenings. Tonight's presentation was recorded and will be available for viewing on the TWA website in the near future. During

the presentation, Kris McLaughlin noted that they would make available web links to items they discussed. These links will be available on the TWA website.

Tom's five favorite woodworking jigs included: tapering jigs for the table saw, a tenoning jig for the table saw, a cross-cut sled for square cuts, a miter sled and a shooting board for miters and square ends. Tom also showed a bonus, shaping jig he uses to pattern route or shape complex furniture parts such as chair back supports. The following is a brief summary of the features of these jigs (be sure to watch the presentation on the TWA website).

Tom showed and demonstrated a simple way to make a tapering sled using a pattern of the desired taper on a piece of plywood or MDF and then using it to capture and saw the leg blank. While these are one of kind simple jigs, Tom also demonstrated a more general-purpose tapering jig that will position and hold the leg blank while cutting it on the table saw. This jig was featured in issue no. 268 of Fine Woodworking Magazine (FWW). Tom also showed a tapering jig that he made to make eight sided tapers for a pencil post bed project. This jig is featured in Pencil Post bed article in FWW issue 296.

TOP FIVE SHOP-MADE JIGS - CONTINUED

(meeting minutes: James Sapp)

Tom has built a table saw tenoning jig that rides on the table saw fence that features a vertical holding platform combined with a spacer board to make both cheek cuts of a tenon in one setup. The jig is featured in FWW issue 282 where Tom builds a Craftsman-style dining table chair.

The table saw cross-cut sled is an indispensable jig that is used for assuring absolute square cuts and as a platform for temporary jigs in making repeatable cuts. Tom showed how he developed a three-cut method for assuring that the sled fence is exactly 90° to the table saw blade. Tom's presentation of building the cross-cut sled is available on Episode #65 of Shop

Night Live on YouTube.

Tom uses a table saw miter sled to cut miters for things such as cornices that are applied to furniture pieces. The sled features a 90° block that is positioned at 45° degrees to the table saw blade. Tom's presentation of how to make and use this sled is available on Episode #103 of Shop Night Live.

A shooting board for miters and square cuts provides reference fences to plane the ends of miter and straight boards. Tom constructed the jig so that he could easily convert it from a standard shooting board to one that shoots accurate 45° miter ends. The actual construction and use of this jig was

presented on a April 22, 2021 episode of Shop Night Live.

As a bonus feature to his presentation, Tom highlighted a pattern routing jig he made to shape the back supports of a Craftsman style dining chair. The jig is built of plywood and was shaped using 1/4-inch thick templates for the front and back edges of the chair support. One side of the jig is used shape the front of the support, where there are flat edges for the mortise and tenon joint as well as curve edges, while the other side of the jig is shaped for the back edge of the chair support. The jig is featured in Tom's article in FWW issue 282.

YOUTUBE LINKS FOR VARIOUS JIGS

After the meeting, Tom and Kris shared the following links for YouTube videos demonstrating how to make various jigs:

How to Make Tapered Legs: <https://youtu.be/gbVKdfg3ofQ>

Making a Jig for Shaping Curves: https://youtu.be/N3wSPmiE_E

How to Make an Octagonal Post: <https://youtu.be/HkEV-xZYaJo>

Making a Tenon Jig for the Table Saw: <https://youtu.be/SUkSoYexT3U>

How to Make a Cross-cut Sled: <https://youtu.be/uccUgHAQB28>

3 Cut Method to a Dead-on Crosscut Sled: <https://youtu.be/2l5DFICRGKo>

How to Make a Miter Sled: <https://youtu.be/7eB8LXt9N6Y>

How to Make a Shooting Board: <https://youtu.be/GaZ64ISBvsu>



Tom presenting his favorite jigs (screen shots: Roy Brookhart)

UPCOMING MEETING

Date: Tuesday, September 20

Speaker: Scott Smith

Join Scott Smith from quartersawnoak.com. Scott will share information on his New Hill, NC based farm business that specializes in milling and kiln drying quartersawn oak and sycamore. They are one of a small number of mills in the U.S. that specializes in milling very large logs. The mill can process logs up to 60" in diameter and 58' long.

Scott will leave us with lots of information that we can apply to our own shops and those special boards that we have saved.

The meeting will be in person at Klingspor's in Cary and we will also have a Zoom connection. Watch for more information in upcoming newsletters.

PRESIDENT'S MESSAGE

I hope you all had the opportunity to join in with Tom McLaughlin during our July Zoom based meeting. Tom shared lots of ideas as he presented on the five shop made jigs that he uses often. Tom is anxious to join us again when he can be here in person.

Our August and September meetings will be held at Klingspor's in Cary and I sure hope to see many of you there. Zoom has allowed us to keep meeting during the pandemic but there is nothing like getting together again and sharing the love for woodworking that unites us all.

Please remember to thank Tony and all the Klingspor's staff for supporting our club. Without them, and our other sponsors, our club would not be as strong. Keep supporting our sponsors. They are listed in the monthly newsletter.

Don't forget that our membership campaign is ongoing. Just talk a few friends into joining the club and you may get a year's free dues or a gift card or two. If you need more information on the campaign, please talk to Barton Meeks at the next meeting.

See you at Klingspor's,

Roy Brookhart

MENTORS

Mentor	Service/Skill Offered	Phone Number	Email Address
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby Furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, Finishing, Tables, Chairs	(919) 815-9155	cecil_raynor@yahoo.com
Amy Dowden James Sapp	Google SketchUp	(919) 932-6252 (919) 586-7280	amydowden1@gmail.com james.b.sapp@gmail.com
Ken Serdar	CNC woodworking		ken.serdar@gmail.com

MEMBERSHIP COMMITTEE

In July, new members Garrett Burke and Donivan Noble joined. Garrett is interested in Small carvings, rings, roots, burls, and sculpture. Donivan admits that his interests are all over, and lists furniture design and fabrication, millwork, joinery, finishing, carving, sculpting, antique hand tools, power tools, pretty much all tools. Be sure to welcome Garrett and Donivan when you meet them.

Our recruitment drive will continue: if you recruit a new member to TWA in the 3rd quarter (July-September), you will be entered into a drawing for a \$50 gift card to a woodworking store. One entry for every new member you bring in. Also, if you recruit three new members to TWA in calendar 2022, your next year's membership in TWA will be free!

We will raffle off a \$50 gift card based on 2nd quarter recruitment at our next in-person meeting in August.

Barton Meeks, Membership Committee

THANK YOU TO OUR MEMBERS

TWA would like to thank members who provide donations to the club or the Toys for Tots fund. The following members have made generous donations to the club or the Toys for Tots fund within the club in the last month.

- Judy Sanwald
- Paul Holzworth
- Roy Brookhart
- Donivan Noble

TREASURER'S REPORT (JUNE)

Beginning Balance:	\$10,599.94
Income:	\$205.00
Expense:	\$10.38
Ending Balance:	\$10,794.56

Does not include Petty Cash of \$86.00

Submitted by Jack Kite, Treasurer

NEWSLETTER CONTRIBUTIONS

Please send newsletter content for future newsletters to Fred Ford (fredford22@ gmail.com) and Karin Pihel (karin.pihel@ gmail.com).

Contributions for each newsletter are due by the last day of the previous month.

BOARD AND COMMITTEE MEMBERS

POSITION

President
Vice President
Secretary
Treasurer
At Large Board Member
At-Large Board Member
At-Large Board Member

BOARD MEMBER

Roy Brookhart
Mark Firley
James Sapp
Jack Kite
Chris Gebhardt
Dick Raup
Joe Sabo

COMMITTEE

Program Committee

Toys-for-Tots Committee

Newsletter Publications Committee
Library Committee
Publicity Committee
Sponsor Committee
Internet
Mentor Committee
Membership Committee
Audio/Visual Committee
Photographer
Social Media
Raffle Committee
TWA Duties and Responsibilities Editor

CHAIRPERSON / MEMBERS

Mark Firley / Judy Sanwald, Fred Ford, Terry Tenhouse, Allen Campbell, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst, Bob Nauman, Bob Andrews, Jerry Rhoades

Joe Sabo / Cecil Raynor, Pete Hodges, Bob Gabor, Terry Tenhouse, Bob Andrews and Judy Sanwald, Jim Rhodes, Mark Firley, Les Hall, Alex Knittel, Bob Guenther; Roy Brookhart, Tom Hegele, Mark Darby

Karin Pihel / Fred Ford

Jerry Rhoades

Roy Brookhart

OPEN

Paul Holzworth

Allen Campbell

Barton Meeks / Judy Sanwald, Paul Holzworth, Sue Bunch

Tom Revelle / Leon Abbas, James Chamberlain

Mark Firley

Chris Gebhardt

Mike Payst

Fred Ford

TWA SPONSORS

Ashcroft Saws and Tools

919-876-3223

3125 Gresham Lake Rd. Unit 116

Raleigh, NC 27615

www.ashcroftsaw.com

25% off list on blades and 10% off on sharpening

Capitol City Lumber Co.

919-832-6492

4216 Beryl Rd.

Raleigh, NC

1-800-244-6492

www.capitolcitylumber.com

Special prices to TWA members

The Hardwood Store

1-888-445-7335

Gibsonville, NC

1-888-445-7335

www.hardwoodstore.com

Discount: 10 cents per board foot

Keglers Woodworks LLC

919-608-7220

330 Dupont Circle

Raleigh NC 27603

mkeglers@earthlink.net

Klingspor's Woodworking Shop

919-876-0707

MacGregor Village Shopping Center

107 Edinburgh S Dr. Suite 151, Cary NC

(Exit 98B off of US 1)

www.woodworkingshop.com

10% discount excluding lumber and power tools

Tarheel Wood Treating Co.

919-467-9176

10309 Chapel Hill Rd. (Highway 54)

Morrisville, NC 27560

www.tarheelwoodtreating.com

Contractor's prices on all wood products

TWA card before order is written

Woodcraft

919-781-1911 Fax: 919-781-1980

4317 Pleasant Valley Rd.

Raleigh, NC 27612

raleighwoodcraft@bellsouth.net

<http://www.woodcraft.com>

\$25 gift certificate at each TWA meeting for the raffle

Wurth Wood Group

919-231-6620

4213 Poole Rd. (Exit 15 off I-440)

Raleigh, NC 27610

www.wurthwoodgroup.com