



TWA Newsletter

Next Meeting: Tuesday, September 20, 7:00 pm

Location options:

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

[https://us02web.zoom.us/j/87335902957?
pwd=MWxqTy9PUjQzTGZVubmhBTzJpZlJkdz09](https://us02web.zoom.us/j/87335902957?pwd=MWxqTy9PUjQzTGZVubmhBTzJpZlJkdz09)

Meeting ID: 873 3590 2957

Passcode: 983220

- Topics: (1) Microjig MATCHFIT products and
(2) Design Aspects of Three Wooden Vises

Speakers: Chris Smith and Mike Payst

Chris Smith from Klingspor's will share with us the innovative uses of Microjig MATCHFIT products. Chris will use his knowledge of the products and his experiences in his own shop. We will also get to see an interesting version of a table saw sled.

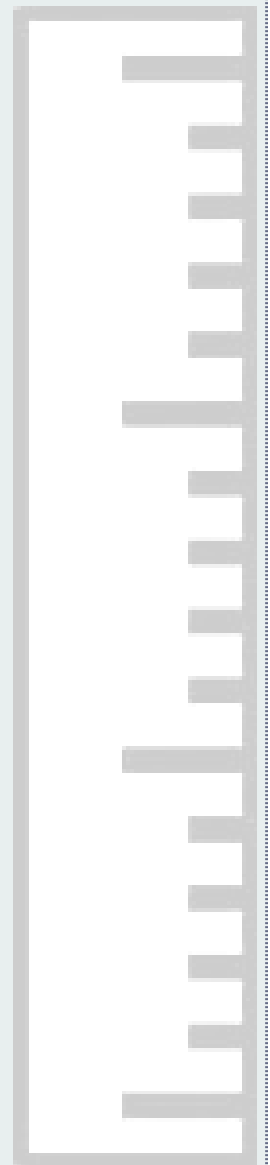
The second half of the program will be presented by TWA member Mike Payst. Mike (aka The Man of Many Vises) will describe features of three different portable wooden vises that he designed and built. Two of the vises use an inexpensive Acme screw from a dumbbell handle and the third has hand-cut wooden threads. Each vise has one or more unique aspects that you should find interesting.



Host: Roy Brookhart

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TWA GENERAL MEMBERSHIP MEETING—AUGUST 16, 2022

(meeting minutes: James Sapp)

Roy Brookhart opened the regular August meeting on Zoom and at Klingspor's. Seventeen members and guests attended at Klingspor's and another 15 on Zoom. Guests attending included the speaker Dave Wilburn along with Pete Jefferies, Shawn Wilburn, Brad Wilburn and Dave Powell.

Roy noted Mark Firley's passing along with the many contributions he made to TWA. An email was sent to members about Mark and the celebration of

his life planned for August 27th.

Judy Sanwald will begin serving as an at-large board member and Jim Sapp will serve as Secretary to the board starting in September. The board expresses its thanks to Dick Raup for his three-year service to the board.

Two raffles were held this month. The first raffle, conducted by Membership Chair Barton Meeks, was the initial quarterly raffle for those who brought in new members in the second quarter of

2022. Chris Gebhardt won a \$50 gift certificate to Klingspor's. The second, conducted by Mike Payst, was the regular monthly raffle prize of a \$25 Woodcraft gift certificate and was won by Shaun Wilburn. Many thanks for all who participated in this raffle as it brings in funds for the Toys for Tots program.

The September 20th meeting will be held at Klingspor's and on Zoom for those who are unable to attend in person.

PRESIDENT'S MESSAGE

There's still plenty of time left for you to get a free year's membership or to earn a chance to take home a \$50 gift card. All you need to do is get one of your friends to join our club. You know that you have friends and family that are woodworkers and would enjoy being a part of our club. Bring them to the meeting and get yourself eligible to take home some cash. If you have questions about the membership campaign, please ask Barton Meeks for some help.

In the next few months, we will highlight a few of our sponsors. These organizations are so critical to our success, and we need to support them and to thank them for what they do for us. Let's go out and buy some wood, get a new tool, or have a blade sharpened. A listing of our club's sponsors is at the end of this newsletter.

Roy Brookhart

MEMBERSHIP COMMITTEE

TWA welcomes new member Greg Fawcett! Please welcome Greg when you meet him online or in-person.

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 raffled off a \$50 gift card to Klingspor's at the August meeting, and Chris Gebhardt was the winner. So just tell Chris what you want, or even better, recruit a friend to TWA, and maybe you will win!

Barton Meeks, Membership Committee

BUILDING A WOODEN AIRPLANE - DAVE WILBURN

(meeting minutes: James Sapp)

The July meeting presentation was given by Dave Wilburn. The presentation was recorded and will be available in the members-only section of the TWA website. Dave Wilburn presented his journey in building a wooden airplane. Dave gave us an interesting introduction to his journey capturing his early years in his Dad's shop and how he got interested in building airplanes. His biggest influence was his father, Gary Wilburn, who was a WWII B-24 pilot. Dave worked with his father in building two working aircraft. Dave also worked as an aircraft mechanic with US Air for many years giving him even more aviation exposure and knowledge.

As time progressed, Dave developed his woodworking skills and built his shop in a two car garage where he continues to build woodworking projects and airplanes. In building aircraft, Dave has come to appreciate the unique properties of quarter-sawn

Sitka spruce and thin (1/16") Baltic birch plywood as his two essential woods for strong but light aircraft

parts. In building the wooden assemblies, Dave searched for and found a thin, 1/16", kerf table saw blade that he uses to cut grooves and dadoes to make wing assemblies with the thin plywood. Dave related how glue strength has to be certified by the FAA using blocks of wood pieces that are destroyed to show the glue is stronger than the wood it is holding.

Over the past five or so years Dave has been building an exact replica of a WWI SPAD biplane, like the version that ace Eddie Rickenbacker flew in the war. He worked from drawings he has obtained for the plane. Dave



brought the plane, as it is now built, to the meeting where members got a first-hand, up-close look at it. Currently, most of the fuselage and tail are complete. Dave discussed in detail how he has built the plane. At this point Dave has over \$8000 in material and 860 hours invested in the project. Dave doesn't plan to complete the plane because at this point it portrays all necessary intricate details and construction of a SPAD aircraft. Dave hopes to sell the plane to an investor or company for display purposes such as in a corporate office headquarters' atrium space.



Dave Wilburn brought his airplane to the meeting (photos: Roy Brookhart)

UPCOMING MEETING

Date: Tuesday, October 18

Speaker: Bob Gabor and Jean Thomas

Join us in October as Bob and Jean show us some of their recent projects. These are all pieces of furniture and will cause you to think about how you can use some of these techniques in your own projects.

And representatives from Woodcraft will be with us to share how they operate a business that supports woodworkers and woodworking. Please come prepared to learn how we can support one of the club's special sponsors.

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.

- Karin Pihel
- Dick Paur
- Barry Woodward
- William Hough
- Greg Fawcett

TREASURER'S REPORT (JULY)

Beginning Balance: \$10,794.56
 Income: \$440.00
 Expense: \$899.16
 Ending Balance: \$10,335.40
 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.

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

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
OPEN
James Sapp
Jack Kite
Chris Gebhardt
Joe Sabo
Judy Sanwald

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

OPEN / Jeff Leimberger, Cecil Raynor, Bob Gabor, Kerry Schoolfield, Mike Payst, Cathy Harms

Joe Sabo / Cecil Raynor, Pete Hodges, Bob Gabor, Terry Tenhouse, Bob Andrews and Judy Sanwald, Jim Rhodes, 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

Roy Brookhart

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