



TWA Newsletter

Next Meeting: Tuesday, December 15, 7:00 pm

Location: Zoom videoconference; use the link,
meeting ID and password below to join.

[https://us02web.zoom.us/j/82297915008?
pwd=ekxPamVNdWlnDXBpY1hNejJVeVVGZz09](https://us02web.zoom.us/j/82297915008?pwd=ekxPamVNdWlnDXBpY1hNejJVeVVGZz09)

Meeting ID: 822 9791 5008

Password: 545288

Topic: Toys for Tots, 35th Year

Please join us at our December General Meeting for our 35th year of making a lot of children happy. Again this year we have projected toys to get us past the 4000 toy mark. I think that it is remarkable that we could do this with a worldwide pandemic going on all over. A great deal of ingenuity has been applied to keeping people safe. We have 16 workshops participating with 51 members in support of these workshops. As of the writing of this Program Description on 11/30/2020 (also Fred's 84th birthday) our 2020 total number of estimated toys stands at 4486, up from 4265 last year. **WOW!!**

The program will consist of each of the 16 workshop hosts, or their representative, doing a Show and Tell. They will be including interesting points about the design process, their assembly process, and other activities that were necessary as a result of the Corona Virus. Each host will show a toy that resulted from their workshop.

This year I have restricted my visits to workshops because of the virus. I did get to a few. On the next page, I show pictures of those and also some pictures from hosts. There is also a copy of my tally sheet for this years production, showing the types of toys that are being produced in the number that are projected to be delivered. I would like to ask each one of the hosts to review their numbers and let me know if I have an error.

Host: Fred Ford

INSIDE THIS ISSUE

December meeting	1
November meeting minutes	3
TWA membership cards	5
Membership committee.....	5
Treasurer's report.....	5
Mentors.....	5
Upcoming meetings	6
President's message	6
Board and committee members	7
Sponsors	8



TOPIC: TOYS FOR TOTS, 35TH
YEAR (CONTINUED)



HOST	TOY	TARGET #
Bob Gabor	Doll Beds	100
	Volkswagons	360
Cecil Raynor	Fire Trucks	50
	Heavy Duty Trucks	112
Terry Tenhouse and Roy Brookhart	3D Tic Tac Toe	60
	Jenga Game	20
	Knick Knack Boxes	100
Jim Rhodes	Tractors	143
	Delivery Trucks	70
Joe Sabo (Klingspor)	Volkswagons	1069
Pete Hodges	Cars	170
Mark Firley	TBD	275
Judy Sanwald and Hugh Fish	Fish crayon holders	30
	Blocks	50
Bob Guenther	Helicopters	30
Les Hall	Pull Dogs	100
Bill Burton	Airplanes	210
Bob Andrews	Batmobiles	20
	Maxwell Cars	3
	Duck Pull Toys	50
	Trucks	35
Ken Serdar	Trains	50
Joe Sabo	Tanks	524
	Large Cars	76
	Ring Toss	12
	Knick Knack Boxes	53
	Convoy Trucks	12
	Animals	51
	Volkswagons	240
	Poppers	101
Alex Knittel	Dogs	20
	Small Cars	15
	Race Cars	50
	Volkswagons	50
Tom Hegele	Tractors	178
Total		4489

TWA GENERAL MEMBERSHIP MEETING—NOVEMBER 17, 2020

(meeting minutes: James Sapp)

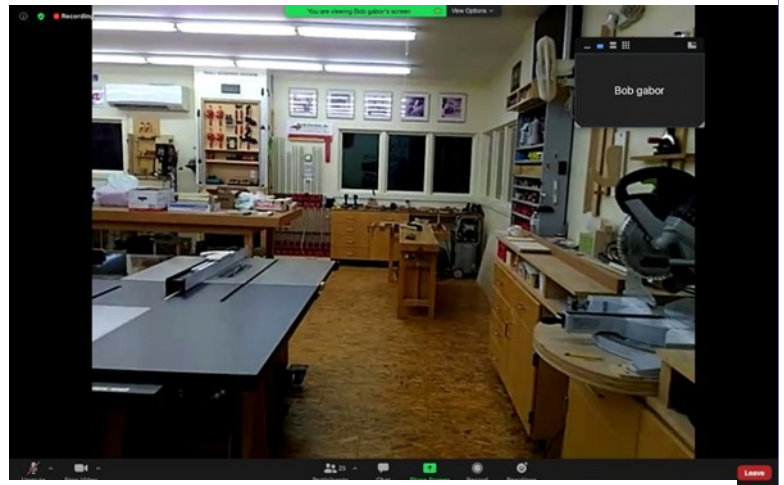
Roy Brookhart opened the general meeting conducted using Zoom virtual technology. There were 33 members in attendance.

There have been some issues with members not getting email notices of an upcoming meeting. If anyone is not receiving these notices, and your dues are paid, please contact Ken Serdar, Paul Holzworth or Roy.

Presentation of toys from the toy makers will be the subject of the December meeting to be held by Zoom on December 15th.

Bob Gabor presented his very well equipped and clean shop. His shop features a centralized Oneida dust collector connected to all his stationary tools. Tools include two

back-to-back table saws (one being a Saw Stop), multiple bandsaws and sanders, two planers, a drum sander, a multi-router, router table and his latest grand addition of a 12" Oliver jointer. Bob has a separate room where he does vacuum press veneering. Great thanks go to Bob for his excellent presentation.



A view of Bob Gabor's shop (photo: Mark Firley)

After the presentations, the meeting concluded with a reminder that the December meeting will have the Toys for Tots presentation via Zoom.

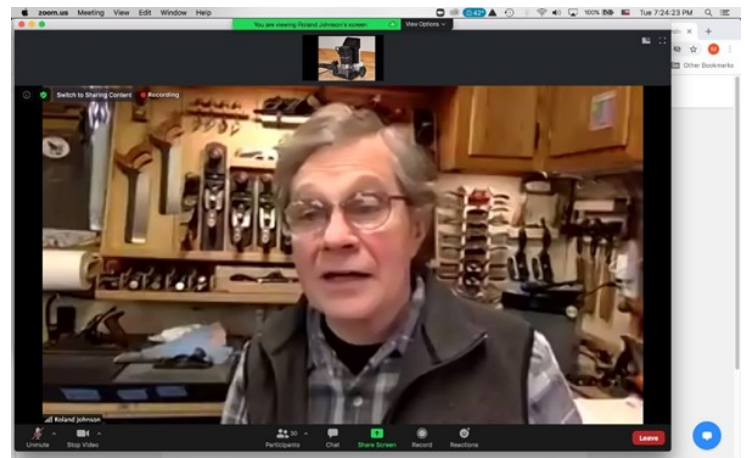
INTRODUCTION TO THE SHAPER ORIGIN—ROLAND JOHNSON

(meeting minutes: James Sapp)

The featured speaker was Rollie Johnson. Rollie describes his start in woodworking as “a bit inauspicious”—he built an 8-ft. racing boat at the tender age of 14 and it sank the first two times he put it in the water. His woodworking has since advanced, and he's now turned to teaching as a way of paying his hard-earned knowledge forward. A contributing editor to *Fine Woodworking* magazine, he recently completed a series of online video classes for Taunton Workshops, available at tauntonworkshops.com. He is also a featured presenter with The Woodworking Shows.

Two years ago at the Baltimore Woodworking Show (2018) the folks from Shaper Tools brought their new handheld CNC router, the Origin, for a one-show unveiling. Rollie was awe-struck by its

capabilities and could hardly wait to get his hands on one to see if the machine could be an asset in a real-world shop. Based on his experience, Rollie claims that the Origin is the most revolutionary hand held that he has ever come across. He likens it to a plunge router with built-in templates. The user doesn't have to learn CAD to operate the device. His presentation introduced us to Origin's capabilities and basic operation. With its ability to work on virtually any size piece



Rollie discusses the Shaper Origin from his shop (photo: Mark Firley)

and its ease of programming, the Origin is an ideal shop companion for anyone who needs to perform very precise joinery, inlay, or accurate repetitive parts production. Shaper tools is owned by the same company that owns Festool and Saw Stop.

INTRODUCTION TO THE SHAPER ORIGIN— ROLAND JOHNSON (CONTINUED)

(meeting minutes: James Sapp)

The Origin is a hand-held two axis (X and Y) CNC device. The Z axis (vertical) is manually controlled by the operator. The device is a plunge router with an on-board computer and camera. The user moves the Origin over the work area, using its camera to scan special shapes, called dominos, to tell the computer where to work. After scanning the work area, the user provides the design of the part it is to make. The designs can be imported on a USB thumb drive or downloaded from Shaper Tools (www.shapertools.com). The Origin also has built-in design capabilities for simple shapes. Once the scan and design are complete, the user operates the Origin by following the design pattern on the computer screen. The Origin presents a cross-hair in a circle icon on the computer screen that the user uses to guide the router over the design. As long as the

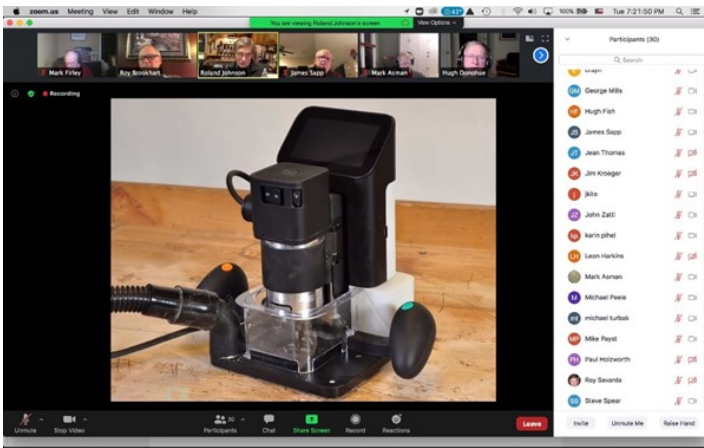
pattern is in within the aiming circle, the Origin controls the router bit and cutting occurs. If the user drifts out of the pattern area, the device will quickly raise the bit and stop cutting. There is about a 5/8-inch degree of freedom that the user has to keep the Origin in the pattern area.

The Origin excels in its accuracy with better than 1/1000 of an inch. This allows for very precise routing for difficult to install items such as Soss hinges. The area in which the Origin can operate is only restricted by the area covered by the dominos, which is almost limitless given that multiple domino tapes can be applied to the work area. Based on his experience, Rollie says that within two hours one can be using the Origin competently. During the presentation, Rollie showed pictures of himself using the Origin to make a box. Cutting the box joints was much more precise

compared with traditional methods of making these joints.

The Origin has a 1 HP motor, so single pass heavy deep routing is not possible. The maximum collet size is 8mm. Rollie uses 1/8" and 1/4" collets and router bits (mostly up cut spiral bits) in his Origin. The maximum size router bit that the base plate can accommodate is 1-inch. The Shaper Origin is priced at \$2500. The Shaper Tools web site provides much more information and instruction on the Origin. On every Thursday, Shaper Tools conducts a "Shaper Session" on You-Tube featuring a specific way of using the Origin. Rollie indicated that this coming Thursday's session is about cutting dovetails on the Origin.

After the presentation, Rollie graciously showed the audience his shop.



Clockwise from top left: the Shaper Origin, Rollie shows one of his completed projects, a view of Rollie's shop and the domino tape used to direct the Origin (photos: Mark Firley)

TWA MEMBERSHIP CARDS

If anyone needs a current TWA membership card, send a request by email to Ken.Serdar@gmail.com to receive a PDF file that you can print or keep on your smartphone.

Ken Serdar

MEMBERSHIP COMMITTEE

TWA is happy to welcome the following new member:

- Tom Janysek

Ken Serdar, Membership Committee

NEWSLETTER CONTRIBUTIONS

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

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

TREASURER'S REPORT (OCTOBER)

Beginning Balance: \$8,948.75

Income: \$525.00

Expense: \$603.38

Ending Balance: \$8,870.37

Does not include Petty Cash of \$86.00

Submitted by Jack Kite, Treasurer

MENTORS

Mentor	Service/Skill Offered	Phone Number	Email Address
Bernie Bogdon	Relief Carving	(919) 850-0739	sabile_27615@yahoo.com
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

UPCOMING MEETING

Meeting Topic: Updates to 17th & 18th Century Woodworking - Evolution of Woodworking Techniques

Speaker: Chuck Bender

Date: Tuesday, January 19

Charles (Chuck) Bender, aspiring podcaster, is one of the most highly regarded furniture makers in the country and the founder of the Acanthus Workshop. He began woodworking (seriously) at the age of 12 in his parents' basement, making pieces of furniture for friends and family. Chuck studied under Werner Duerr at the Central Chester County Vocational Technical School (now called the Center for the Arts and Technology) in Pennsylvania. Werner taught his high school program exactly like his apprenticeship in Germany. The students were instructed to blend hand tool use with power tools. Chuck teaches that same philosophy today.

After graduation from high school, Chuck began working for other cabinet makers to hone his skills. Having spent nearly ten years working with Irion Company Furnituremakers, working his way up to head of case and chair production, Chuck decided to branch off on his own. Since 1991 Chuck has built a reputation for making the highest quality 18th Century furniture in the country. His work can be seen in museums, private collections, and at some of the finest juried craft shows in the country. Chuck has received numerous woodworking awards throughout his career and has been featured in local and national magazines and newspapers.

In 2007, Chuck added the title "woodworking mentor" to his list of accomplishments by starting the Acanthus Workshop (a school for avocational woodworkers). Also, in 2007, he began sharing his knowledge publicly by writing articles for Popular Woodworking Magazine and teaching skill-driven classes at woodworking shows across the country.

In 2014, Chuck joined the staff of *Popular Woodworking Magazine* as Senior Editor but left nearly two years later to start an online magazine. Realizing his true passion resides in the workshop, either building furniture or teaching others, he exited the online venture and re-established himself as a teacher and furniture maker in 2017.

Host: Mark Firley

PRESIDENT'S MESSAGE

I find it hard to get to this time of the year and to not reflect on what has happened during the year and to envision what the future may hold. The simple thing for 2020 would be to focus on the pandemic and all the troubles that it has caused. I'm not going there.

Our club started the year on a high after we delivered an all-time record number of toys to the Marine Corps for Toys for Tots. I thank everyone involved for this great accomplishment. In spite of all the distractions, it looks like we will be delivering quite a few toys again this year.

We were forced to cancel a few of our monthly meetings early in the year. We kicked off our virtual meetings mid-year and found out that a little technology can be a good thing. Who would have believed that we could still attend our meetings while we sat at home, in our favorite chair, and with our own special beverage? We had people attend our meetings from outside the Raleigh area and even some from outside North Carolina. We had presenters that gave us great programs and we didn't even know where some of them were calling from.

Virtual Shop Crawls....who would have ever thought that could work. We had six.

Early predictions were that our membership would drop because of COVID. On the contrary, we have held our numbers and continue to gain new friends and members.

With a foundation like this to build on, let's make 2021 an even better year for our association.

I wish you and your family all the best during the Holiday Season.

Roy Brookhart

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
Leon Harkins
Dick Raup
Joe Sabo

COMMITTEE

Program Committee

Toys-for-Tots Committee

Nominating Committee
Newsletter Publications Committee
Library Committee
Publicity Committee
Sponsor Committee
Internet
Mentor Committee
Membership Committee
Audio/Visual Committee
Photographer
Hospitality
Facilities/Refreshments Committee
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

Fred Ford/Cecil Raynor — Pete Hodges, Bob Gabor, Terry Tenhouse, Hugh Fish and Judy Sanwald, Jim Rhodes, Mark Firley, Les Hall, Joe Sabo, Alex Knittel, Bill Burton, Bob Guenther; Bob Andrews, Ken Serdar, Roy Brookhart, Tom Hegele

Fred Ford
Karin Pihel — Fred Ford
Jerry Rhoades
Roy Brookhart
OPEN
Paul Holzworth
Allen Campbell
Ken Serdar - Cheryl Serdar, Judy Sanwald, Paul Holzworth, Sue Bunch
Tom Revelle - Leon Abbas, James Chamberlain
Mark Firley
OPEN
OPEN
Mike Payst
Fred Ford

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Special prices to TWA members

Edwards Mountain Woodworks

919-932-6050, evenings
Fine handtool woodworking: creating and teaching in wood. For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at:
bill@edwardsmountainwoodworks.com
www.edwardsmountainwoodworks.com
Tuition discount for club members.

The Hardwood Store

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1-888-445-7335
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Discount: 10 cents per board foot

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Raleigh NC 27603
mkeglers@earthlink.net

Stock Building Company

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3000 Yonkers Rd.
Raleigh, NC
www.stocksupply.com

Klingspor's Woodworking Shop

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MacGregor Village Shopping Center
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Raleigh Saw

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Raleigh, NC 27616
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10% discounts on all new products

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Morrisville, NC 27560
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Contractor's prices on all wood products
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Woodcraft

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raleighwoodcraft@bellsouth.net
<http://www.woodcraft.com>
\$25 gift certificate at each TWA meeting for the raffle

Woodworker's Supply of NC

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Mail order: 1-800-645-9292
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Burlington, NC 27215
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Wurth Wood Group

919-231-6620
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Raleigh, NC 27610
www.wurthwoodgroup.com