

JANUARY 2024

The Official Newsletter of the Shire Woodworking Club Inc | Reg No Y2889524 | ABN 15 974 163 667



"The Workshop" - 2B Turriell Bay Road, Lilli Pilli NSW 2229



Workshop: 0490 861 606 | Membership: 0414 538 475 | Editor: 0408 240 514

PRESIDENT'S REPORT

Presidents Report January 2024

A Safe and Happy New Year to all of our members. Every time I walk into the Club I am reminded of the efforts of both past and present members who have contributed their time and skills to create the Shire Woodworking Club. We have such a well-equipped workshop with first class woodworking machinery, a huge array of hand tools and great stocks of quality timber. We also have a Gallery with kitchen, TV and space to display the many items that are made. The most important thing we have is a membership that readily shares skills and knowledge to all. Please enjoy your time at our club. A thank you for all those who have been involved in toymaking throughout 2023. The last Thursday in every month is the dedicated toymaking day and each month we have been successful in adding toys for our club. The toymaking committee have been active in preparing work to be carried out by any members who come along to help. If you can make it for just a couple of hours it is a rewarding experience and there is always something to be done. Remember safety is everyone's

Ian Rudd - Club President

responsibility. Where ever possible do a dry run when

using machinery and be aware of other members when

EDITORS REQUEST

moving around the workshop.

This Sawdust and Shaving Newsletter is produced for club members. I would like to encourage all club members to contribute particularly with respect to the Work In Progress (WIP). A short explanation of projects you have in WIP along with a few pictures or even if you have a story of your workshop achievements, failures or just advice other members could benefit from. Drop me a text or an email.

MAXIDAY - 13 JAN '24

8:45am	Open Lilli Pilli Workshop
9:00	Monthly Meeting
9:30	lan's Videos
10:00	Morning Tea
10:30	Show and Tell
11:00	Excellence Awards Presentation
11:45	Barry Gardner - Clock Making
12:30	Lunch
1:30	Excelleence Awards Results
2:00	Raffle Draw

LIBRARIAN UPDATE

This month's summary of a magazine I purchased back in 2015 titled TABLESAW -JIGS, TIPS & TECHNIQUES produced by the Taunton Press, a byproduct of the Fine WoodWorking magazine. The magazine has a comprehensive explanation of all aspects of owning and operating a table saw. Some quick tips like 'use a long push stick when ripping narrow boards', 'for accurate mitres, set the blade with a drafting triangle', 'making a zero-clearance throat plate', 'lowdust lubricant for a tablesaw'. Some simple tablesaw tune-up practices, Mitre Gauges, Shopmade Inserts, Featherboards, Dust-Proof Any Tablesaw. A section on Tablesaw Techniques including 'Ripping Crosscutting', 'Perfect Tapers', 'Precise Joinery', 'Dovetails on the Tablesaw', 'Joinery for Glass Doors' plus a selection of Table Saw Projects. The mag will be left in the Gallery. Have a look. We have introduced a section in this issue of S & S covering Safety Precautions For Shire Woodworking Club Equipment. We have started with the Table Saw.

If you would like to receive this newsletter or have an article / idea for the newsletter, please contact the editor via email on thesase contact the editor via emailto: thesase contact the edit



MAXIDAY SHOW & TELL

Tony Cauchi



My wife Marilyn saw this festive deco on TV and asked me to make her a set. Timber used was off-cuts of American Oak and English Oak for the centres. I laminated, machined and sanded the timber to 60 x 60 mm. The timber was then cut to various lengths to suit. After an impromptu lesson on using our digital bench drill and using a 40mm diameter Forstner bit I drilled 4 ends to a 20 mm depth to accommodate a battery operated candle light (purchased from Bunnings) I fine sanded all square edges using 240 grit paper. For the finish I applied 1 coat of kitchen grade oil as I wanted as natural a look as possible.

The 'snow flake' cut outs were left raw for contrast and then temporarily fixed to the 4 desired fronts for future removal enabling the candles to be used throughout the year in any formation. My wife and I are delighted with the finished product and the flickering effect when turned on. Both my daughters have placed their order for a set.

Neil Matthews



I spotted an advertisement for table Xmas trees & thought yes! I used some of my A-grade fence palings, thicknessed to 6mm & cut into 25mm strips. I wanted a sharp top end for the Xmas trees & found by cutting two ends to 160 joining them together gave me the angle I was looking for. Seeing I wanted a good join, I discarded using the bandsaw & relied on my mitre saw for the cuts. This proved dangerous and, yes, I still have all of my fingers. I needed a better method and joined two pieces of scrap wood together at right angles. I clamped this to the fence of the saw and clamped 4 pieces of 25x6mm timber together. This gave me a 24mm square end that I could hold against the right angle join in the wood against the saw fence. I was holding the end of this clamped timber well away from the saw blade, set at 160 and made my cuts in relative safety.

For each tree I made three different sized triangles, drilled the base & joined them together with a screw mounted in a dowel with a wing nut. One of the trees I fitted with a strip of LEDs and a 12volt power supply. I only did one as I only had one 12v power supply. I hope someone will get some Xmas enjoyment from them. Would I do it again? No! page 2

MAXIDAY SHOW & TELL

Barry Gardner



"Many years ago our Club decided to settle on an axle diameter of 6mm for our toy making efforts. To this end we found a business in South Grafton that made skewers from Australian hardwood of 6mm diameter. Over the years we have used upward of 4000 such skewers each of a length of 200mm. However, the South Grafton business no longer makes them. So, an alternate source of 6mm dowel had to be found. We can buy them on Amazon in packs of 50. Recently I found on the net a dowel making jig that produced a variety of diameters and used a power drill to cut the dowel. Have yet to try it out. Also, one problem its dowel diameter minimum size is 8mm. Oh! Well will blame it on old age. It is available for Club use. Barry Gardner"





SHOW AND TELL

Presented by Peter Toby on 9th December Maxi Day 2023

The timber used was recycled Weston Red Cedar, donated to the club. It was light weight and easy to work with but very weathered and cracked.

Fortunately it was thick enough for me to slice it in two, relegating the weathered side to the rear of the trophy and using the fresh cut surface for the front of the trophy.

I lasered the history of the timber on the back of the trophy and it worked surprisingly well, even over very uneven surfaces.

The trophy details were lasered on the front but when coated with Feast Watson clear gloss wipe-on poly the timber darkened and the contrast to the lasering was lost so I only applied the poly to the back, bottom and sides of the trophies, leaving the front untreated for maximum contrast. I did finish sand the fronts with 600 grade sandpaper as I believe this closes the timber grain off, making it less receptive to absorbing finishing coats so I thought it might achieve a Claytons finish coat (the finish coat you have when you're not having a finish coat).

The trophies were presented at the Annual Presentation Night/Christmas Party and very well liked by all who were lucky (or clever) enough receive them.







CHRISTMAS PARTY







The Annual Christmas Party was attended by approx. 30 members. Around 40 were expected but owing to the very hot weather the numbers were down on previous years. There was an abundance of food and drink for all with leftovers - for morning tea we had plenty of cake made by several members' wives and Alan Stubbs. The main course for lunch was ham, cooked by Roger Dixon and wife Fay, plus chicken supplied by the local coffee shop and cooked roast pork together with apple sauce from a local butcher, also potato and egg salad and green salad.

For dessert we had cheesecake made by Ray Tregoning and pavlova supplied by Alan Stubbs, and exclusive Christmas Pudding with custard from the renowned and highly regarded Aldi store. This was all washed down with classic red and white wines plus boutique beer, lemon, lime and bitters and other soft drink. Many people helped with the prep. including Neil Matthews and Ray Tregoning. Also thanks to Ray Bywater for his donation of 40 mince pies which were eaten on the days after Christmas by several members.

The clean-up was made easier with lots of help by many hands so thanks to all, sorry if

I've missed anyone's name.











WHAT HAPPENED LAST MONTH!

IT WAS CHRISTMAS!



WHAT'S HAPPENING NEXT MONT

SPRAY PAINT BOOTH

The Spray Paint Booth has been purchased and has just been installed in the workshop ex-kitchen. Ray Tregoning has built a small wooden stand including a storage drawer to support the spray booth. The booth is designed for small size items and will be well used when finishing small toys and other items.





WORKSHOP - WIP

CIGAR BOX GUITAR - Gary Healy

The guitars were such a success at the hospital that there are demands for more.

To achieve this the aim is to:

- review the current guitar and resolve any issues, ie the bowing of the neck due to string tension,
- redesign the box and neck to make the manufacture and assembly easier,
- reduce the number of components, if possible,
- utilise the laser cutter where possible, ie, review the box design to make it easier to assemble,
- do we need a fret board on the neck?





USEFUL WEBSITES

1. RobCosman.com

2. Paul Sellers.com

3. Epic Woodworking

- Tom McGlaughlin.

4. Wood and Shop

5. Wood by Wright

6. Andy Rawls

7. EN Curtis

8. Mathew Cromona

9. Mitch Peacock

10. Mitch Cremona

Thanks Mike Green

Free Vector Files for Laser and CNC https://www.freevector.us/

Box Designs for Laser https://www.festi.info/boxes.py/ https://en.makercase.com/#/

Woodworking Tips and Plans https://www.woodcademy.com/

https://canadianwoodworking.com/project-plan/

Thanks Dave Edwards

search youtube for "how an engineer breaks an egg" Ref youtube.com/watch? v=gYcF9ELNW6U

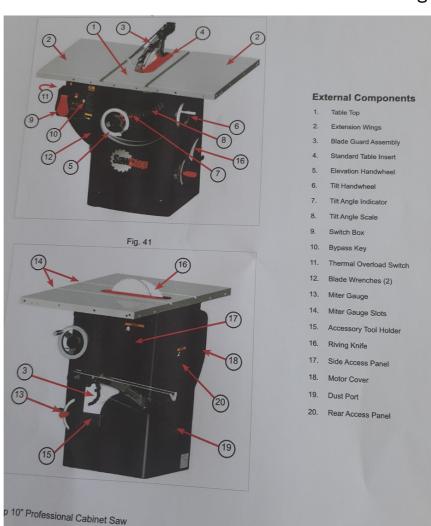


SAFETY PRECAUTIONS - WORKSHOP EQUIPMENT

SawStop Table Saw. Our club has both the 10" Professional Table Saw as well as the smaller jobsite saw. Both Table Saws are equipped with the SawStop Safety system. How does it work? The safety system includes two components, an electronic detection unit and a fast acting brake. A small electrical signal is induced onto the blade by electrodes placed around the arbor. When human skin comes into contact with the blade a portion of the signal is absorbed by the body. As a result, the signal on the blade gets smaller and the detection unit recognizes this as contact which then triggers a censor to release a powerful spring loaded aluminium brake that stops the blade from spinning and pulls it back into the table. This entire process happens in less than 1/5000th of a second. It should be noted that activation of the process results in scrapping of the cartridge at a cost of \$200+ each. Note, the saw cannot therefore be used to cut conductive materials like metal, very wet or green wood and wet pressure treated wood.

If you need to cut material that has excessive moisture content or is conductive (EG. Mirror Acrylic) there is a bypass key that can be used to deactivate the Cartidge sytem. Please ensure you look at the manual for instructions when using the key.

Get to know your saw



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The following steps should always be followed when using the SawStop Saw.

- 1. set blade height and angle.
- 2. set fence.
- 3. use thin strip sled if necessary.
- 4. do trial run with saw stopped to endure free travel and no obstructions.
- 5. use outfeed table or second person for longer cuts.
- 6. use feather boards wherever possible.
- 7. use push stick or Microjig Gripper to control stock.
- 8. open dust gate.
- 9. stand to the side so you are not behind the stock being cut.
- 10. close dust cover when done and dust off any sawdust.

The following accessories can be used to provide a better finished product and a safer procedure.

Saw - side



Saw top



Cross cut sled



Incra Mitre Gauge



Microjig Gripper



Feather Board



Push Stick



PROFILE: Alan Ritchie - Treasurer

GET TO KNOW US

I was born in Melbourne in 1948 and lived my early childhood in Southeast Victoria on a dairy farm, before my family moved to the NSW Northern Rivers where I completed my high school education. My father had a sugar cane farm near Ballina. I went to university in Armidale where I earned a Bachelor of Science degree in chemistry and

mathematics. While in Armidale I joined the local gliding club and found I really enjoyed flying. I then obtained my pilots licence and over the next few years did several flying tours up or down the Australian East coast. I moved permanently to Sydney on my



graduation in 1969. I was a NSW public servant all my working life, starting with the Department of Mines, then the Department of Labour and Industry, the State Pollution Control Commission and finishing with the Environment Protection Authority in 2009 with 43 years' service. In my latter years I was involved in managing hazardous chemicals including providing expert chemical advice on the response to chemical spills, accidents, and fires. I was a tenpin bowler for many years and played competitive squash as well. I married Lynne in 1974 and we raised two sons, and we have two grandchildren.

I have always been interested in woodwork as a hobby and for recreation and started with the first Triton WorkCentre saw table and gradually built up a useful workshop in my garage. I joined the Club in about 2006 as I wanted to have something to do when I retired in a few years' time, and I needed access to good quality equipment that I couldn't afford to have at home. I found the club to be a great place to do woodwork with other members with a similar interest.

Once I retired in 2009, I became involved in club committee work, and eventually joined the club executive as Treasurer in 2014. My woodworking specialty at the club has been box making, initially using the Gifkin jig to make dovetail jointed boxes, and then finger jointed boxes. At the club, I have been making lots of boxes, primarily for the Children's Hospital at Randwick and have just finished my box numbered 1300. Recently I have been making most boxes using the laser cutter engraver which has speeded up my box production rate and allowed me to investigate other box designs to improve and simplify the box manufacturing processes. The hospital has said they will take as many boxes as the club can make and I am making them as fast as I can. The last deliveries have included over 150 boxes. I look forward to many more productive years at the club.







The club has a defibrillator located in the cabinet in the office in the workshop

Member Medical History

Members please be aware that there is a member Medical History sheet that we should all complete. This was useful when Graham had his recent episode with visit to hospital. It would be very useful if we all took the time to complete. Alan Ritchie can give you the blank form.

SAFETY NOTICE

SAFETY FIRST: Members are asked on all club days to bring along and use their personal safety gear. ie. hearing protection, dust mask, eye protection, ensure they are wearing good sturdy protective footware and no loose fitting clothes.

David Edwards
Safety messages from the past.





Maxi Day 10th February

Our guest speaker will be talking on: Japanese Tools or 3D Printer demonstration. It will be very interesting so hope to see all club members attend.

Raffle Draw 09 Dec

1st Dave Johnson 2nd Tony Gauchi 3rd Lloyd Kirkland 4th Maurice Smith

Birthdays in January

10th	Kevin Burke
17th	Ray De Marco
27th	Lynn Messenger
29th	Tony Fenech
31st	Peter Goonpan



FIND US ONLINE

Website: https://shirewoodworking.com.au/ **Facebook**: Search for Shire Woodworking.com.au/

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DE 2024 CALENDAR

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LEGEND

Club Days - Every Tuesday to Thursday + Saturdays except 1st Saturday

Committee Meeting 12:30pm - Tuesday, prior to 2nd Saturday.

Note: Own projects catered for before & after meeting

Maxi Day & General Meeting - 2nd Saturday.

Toy Making Day - Last Thursday (Except April & December- 3rd Thursday) - No own projects

- Note: Last club day for 2024 is Saturday 21 December. Resume Thursday 2 January 2025
- Note: Minimum of 3 members present on any day to operate machinery. No exceptions unless for maintenance.
- Note: Wood carvers attend 1st Saturday + 3rd Wednesday (Evening)



CLUB COMMITTEE, SUB COMMITTEES & AUXILIARY POSITIONS

President	lan Rudd
Vice President	Malcolm Armstrong
Secretary	Maurice Smith - Ph : 0414 538 475
Treasurer	Alan Ritchie
Committee Member	Roger Dixon, Gary Healey Graham Ethell

Assistant Secretary	Roger Dixon			
Assistant Treasurer	Roger Walsh			
Project Sub-Committee	Ken Brunker, Ray Tregoning, Roger Walsh			
Librarian	Roger Walsh			
Safety Officers	David Edwards, Gary Healey, Axel Tennie, Bob Quigley			
Welfare Officer	Malcolm Armstrong, & Kevin Gowen			
First Aid Officers	Graham Ethell & Alan Ritchie			
Newsletter Editor	Roger Walsh			
Catering Officers	Richard Cain, Steve Lansley, Trevor Lewis, Neil Mathews, Lynn Messenger, Ray Tregoning, Axel Tennie, Roger Walsh			
Equipment & Training	Roger Dixon, David Edwards, Neil Mathews, Kevin Gowen, Gary Healey, Ray Tregoning, James Windschuttle			
Raffles	Gary Mitchell			
Exhibitions Sub-Committee	Graham Ethell			
Property Sub-Committee	Graham Ethell & Alan Ritchie			
Toymaking	Malcolm Armstrong, Barry Gardner, Steve Lansley, Maurice Smith			
Facebook	Alan Ritchie			
Webmaster	Maurice Smith			
Woodcarvers' Liaison				

