

JULY 2021

Monday 2nd Aug:- **Return to Eastleigh**
Monday 6th Sept:- Martin Saban-Smith Demo
Monday 4th Oct:- Demo Les Thorne
Monday 1st Nov:- Mike Haselden Demo
Monday Dec 6th:- Christmas Social and Competition

July's meeting was the Club Challenge in which you were invited to make a Box with a finial that was to be judged by members vote in a virtual Gallery. There were 13 entries and **Mario Demontis'** s entry was judged to be the winning entry.

Congratulations to **Mario**, it was a rather stunning piece of work, and well done to everyone else who participated as the standard of workmanship was very good.

The photo gallery and competition entries can be seen at the end of the newsletter.

You will notice from the red print on top of the page that we are planning to return to our normal pre-pandemic HWA meeting format at the Railway Institute at Eastleigh as from August. It's been a long period of absence, but we are really looking forward to returning to normal. An explanatory email will be sent by our chairman **Pete Broadbent** explaining the new routine shortly. Hope to see you all in August. Remember to bring your Turned treasures for the Gallery Table for us all to see.

John Boyne-Aitken (AKA the Bowler Hatted Turner) Demo was done in conjunction with Test Valley Turners and another club.

John's demo was to make an 'Anastasia' music box as seen in a Disney film. He chose to make it from a piece of Maple 3 ins x 3 ¾ ins x 3 ¾ ins then removed the corners with his bandsaw. Using a pair of compasses. He marked the largest circle that he could on the blank, then put the blank on the lathe and turn to round.



John cleaned up the face with a parting tool then selects a chuck with 'C' jaws and measures both the internal and external diameter of the jaws when they are opened enough to make a perfect circle. He then turns a tenon to the same diameter as the internal measurement he's just taken.

John removed the blank from the centres and attached the chuck to the blank, trues-up the face, then removes the tail stock to complete the clean-up of the face.

He set his dividers to the external diameter of the jaws and marks the face at the correct diameter. These marks now show the correct diameter for the item when the chuck is in compression mode. Because he wants the feet of the music box 'flare out' he needs to cut the tenon in the correct position so that he can work on the feet later. John uses a parting tool to cut the tenon. He then makes a mark on the outside edge where he wants the base of the box to blend into the feet and starts to form the base using a small gouge and a beading tool to create the decoration.



John stopped the lathe and checked it was all ok and was very happy with his cuts. He then started to shape the box by slowly and gently taking cuts by rubbing the bevel and creating the shape all the way around. By taking very fine 'planing' cuts he improved the finish. then sands it down to his satisfaction, reshaping as necessary. It is important to keep the sandpaper moving all the time to prevent 'sanding marks'. He chose to use a spirit-based sander sealer as he wanted it to soak into the wood a little better than with a cellulose type of sealer. Then used Yandles grit-paste to buff it up and give it a sheen.



With the lathe stopped he applied his Liberion Lemon scented Bee's wax finish then buffed it up to a high gloss.

John then removed the box from the chuck and rotated it so that he could work on the hollowing out using a 3/8ths bowl gouge he gently cleaned the face and then setting the dividers to the jaws maximum measurement he marked the diameter on the face. He used his parting tool to start the cut the reshaped the outside edge.



Using his bowl gouge John started hollowing out the box, using his thumb and forefinger as a 'depth gauge' to estimate how deep he had gone. He explained that getting into the bowl could be difficult, so he suggested that you 'roll' the cut by picking up the bevel and just roll the gouge into the base, this makes it easier and smother to remove the wood.



John then selected his negative rake scraper to finish the cut



and explained that the best way to use it is to ensure that the tool is 'comfortable'. He positioned it on the tool rest central to the hole, with the

handle slightly higher than the cutting tip.

Using left and right pulling and pushing movements he cleaned the inside and thinned the edges, concentrating on the top part initially, before smoothing the bottom part of the box.

John said that sometimes you can hear the timber 'squeak' or 'squeal' when you are using the scraper, this is because you are doing something wrong, John explained that there are several ways you can correct this, reduce the lathe speed, use a smaller tool, alter the angle of the scraper, or sharpen the tool. John sharpened his scraper with a diamond stone.

He then finished off the inside and removed the 'pip' and blended-in the inside. Next, he selected a square scraper to take the sharp edge off, then sanded it smooth and went through the finishing process



with the sander sealer with the lathe off, he also used the bees wax the turned on the lathe to buff it up. When happy he removed the box and rotated on the chuck it so that he could finish the base. You must be very careful not to over tighten it, as the chuck is in 'expansion' mode, and it is easy to crack the thin walls of the box.



John brings up the tail stock for extra support, and with a freshly sharpened tool he very gently removes the pip and nibbles away at the base. He wanted to round the base and blend it into the underside of the foot. Then with the scraper he gently smoothed off the domed bottom of the box. He then sanded the base and the inside of the foot, keeping the sandpaper moving all the time to prevent scratching.

He took extra care to make sure that the angle of the cut between the foot and the base is nice and sharp with no tear-out.

To assist with the tear-out removal John applied a coat of sander sealer to 'firm-up' the grain. With the lathe on, he then friction dried the sealer and then sanded out the tear-out.

When he was happy, he applied another coat of sanding sealer to aid the finish, as this prevents the bees wax from being absorbed into the green wood. John stopped the lathe and applied a second coat of wax to bring up a nice shiny polish.

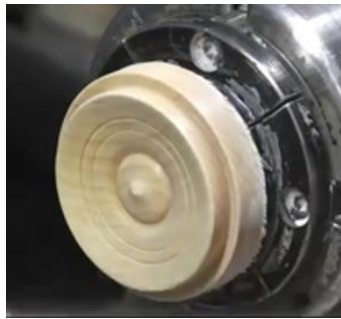


John then started to make the lid, he selected another piece of Maple that was 1/3 of the width of his original piece, found the centre and marked it with a bradawl and placed it between centres. He turned it to round and then measured the opening of the base to get the correct diameter for the lid.

He cleaned up the face with a parting tool, created the tenon and removed it from the centres and put it in the chuck.

John did a cleaning cut with the bowl gouge, then with his dividers he measured the size of the hole of the box and transferred the measurement to the face.

Using his parting tool, he carefully started to remove stock to form the inside of the lid, checking the fit at frequent intervals. He didn't want the lid to be a really tight fit as the box is intended for a child. When he was happy, he increased the depth of the lip using a gouge and rechecked the fit, which had about 1/2mm of slack.



He then reduced the width of the rest of the lid and did an 'under-cut' on the lip to ensure a better fit. With the parting tool he then took a little chamfer off the edge and created a bit of decoration for the underside of the lid. Then

sanded it to his satisfaction, sealed, waxed, and buffed to a high shine.

John feels that the underside of the lid is just as important as the rest of the box, so he did two coats of lemon bees wax on it, he did not use the abrasive wax as he didn't want to degrade the decoration he had made on the inside.

He then removed it from the chuck and rotated it. John showed us his 'soft-split' wooden grippers that he uses all the time to secure pieces in the chuck so that they won't be damaged by the jaws. After pulling the tool rest close he proceeded to shape the top face of the lid. With his spindle gouge he rounded off the edge to blend it in and formed the shape of the lid. John wanted the centre to be flat, so he used the scraper.



He then drilled a 6.5mm hole to a depth of 6mm to take the knob. He then sanded the lid to his satisfaction, applied sander sealer and wax, buffing to a high shine.



He then selected a piece of African Black wood for the knob and turned it to round. He used a set of callipers to take the measurement of the drill he had used and made a spigot of

the same diameter to fit inside the drill hole then he slightly undercut the lip for a better fit, and test-fitted to check it was ok.

He then shaped the knob to suite the shape of the lid and parted it off.

John super glued the unfinished knob into the lid and used the lid as the chuck then proceeded to shape it to his satisfaction. He sanded it thoroughly, checked it was good and then finished it off with the sander sealer and a coat of bee's wax.



He removed the base from the chuck, took the chuck from the lathe and set it on the bench with the jaws uppermost,



then loosely placed the base back into the chuck. He got a pencil and by using the chuck jaws as a guide he proceeded to divide the base into 4 equal quarters and by using a round

object he marked the curves where he wanted to form the feet.

To finish the foot John placed a drum sander in the chuck and with the lathe on about 425 rpm offered up the base to the drum sander and sanded to the marks and rounded off the edges. When he was happy, he sealed, and wax polished it to the same high shine.



This one he has sold for £70. Thanks to John for a very interesting demo.

Dave Simpson

MINSTEAD TRUST

Volunteers Needed:-

Minstead Trust is a charitable organisation supporting adults with learning difficulties from its base at Minstead Lodge in the New Forest as well as other places in the community, notably Portsmouth, Totton, and Furzey Gardens. Part of their support is to provide daytime activities at the Lodge including various types of craft work. Look at their website for a much better description of the Trust than I can give here. A number of volunteers from Hampshire Woodturners Association have been providing "tuition" on 2 lathes in the woodworking department following an initiative some years ago headed by

Alan Sturgess and a generous deal with Axminster Tools to supply kit. This activity stopped at the start of the Covid pandemic during a general shutdown. With the growth of the vaccination programme, it is hoped to restart later this summer. Unfortunately, the team of volunteers has been depleted in the meantime. Alan is no longer well enough to carry on and of course **Pierre Baumann** died recently. Others have moved away or given up the hobby, so we are now down to just 2, **John Holden** and me. So, we urgently need some more volunteers. Our volunteers don't need great woodturning skills. A grasp of the basics is fine to make some straightforward turned items. But you will need plenty of patience. The students have learning difficulties so are slow to learn and quick to forget what you tell them. One or two of them show some aptitude and Alan used to wonder what they might achieve if we could provide more than an hour or two per week on a lathe. However, most are not like this but nonetheless enjoy the experience and the sense of achievement in making things albeit with a great deal of help. Some of the produce is saleable at realistic prices and this provides further satisfaction as well as a modest contribution to the funds. As a volunteer are you going to be frustrated? Yes. Are you going to get exasperated when the simplest of things can't be grasped? Yes, but hopefully you won't show it too much. But you will surely be moved by the joy of a student who thinks they have achieved something and rushes round showing it to everyone. It is a rewarding experience to work and become friends with the students. So, what we need is some turners who can spare say two regular weekday mornings a month and are able to get to Minstead. You will need to be fully vaccinated (all the students are, by the way) and be prepared to get a DBS certificate to ensure you have no criminal record relevant to teaching vulnerable people (The Trust will arrange and pay for this). If you think you might be able to help, I'd be pleased to hear from you.

I'm **Dave Gibbard**. If you think you might be able to help, I'd be pleased to hear from you. HWA and TVT members will have received an Email including my contact details. I'd be pleased to hear from non-members too. You can use the enquiries facility on the website hants-woodturners-hwa.co.uk

Dave Gibbard

HWA Newsletter items.

I am still looking for more items / articles of your handiwork or tips, tricks, and photo's that I can put in the newsletters and Your Turn. The more material that I get from you the more I can publish, it also makes a much more interesting newsletter.

Please consider letting us know what you are making and more importantly 'how you made it'.

All donations will be gratefully received.

Dave Simpson, Editor



The first senior moment.

MINSTEAD GALLERY



SUMMER COMPETITION



JULY GALLERY

