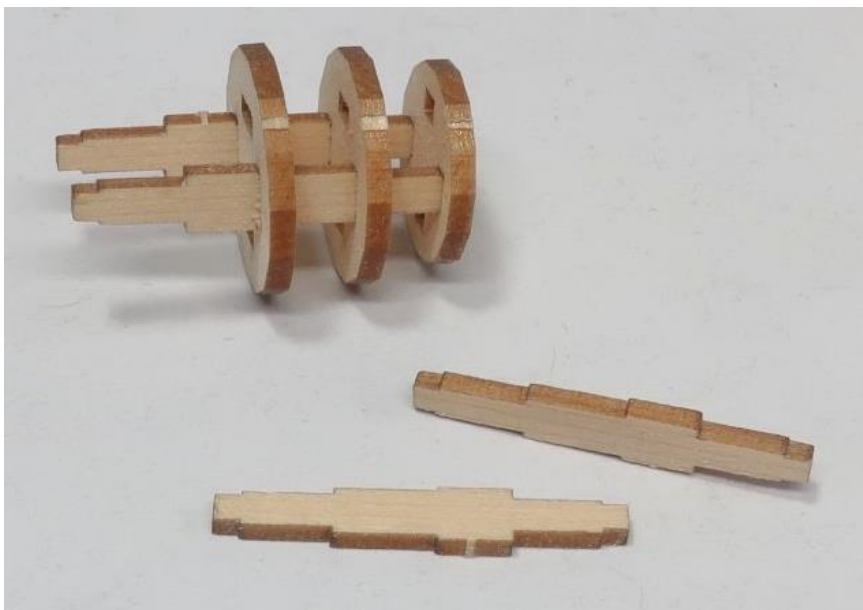




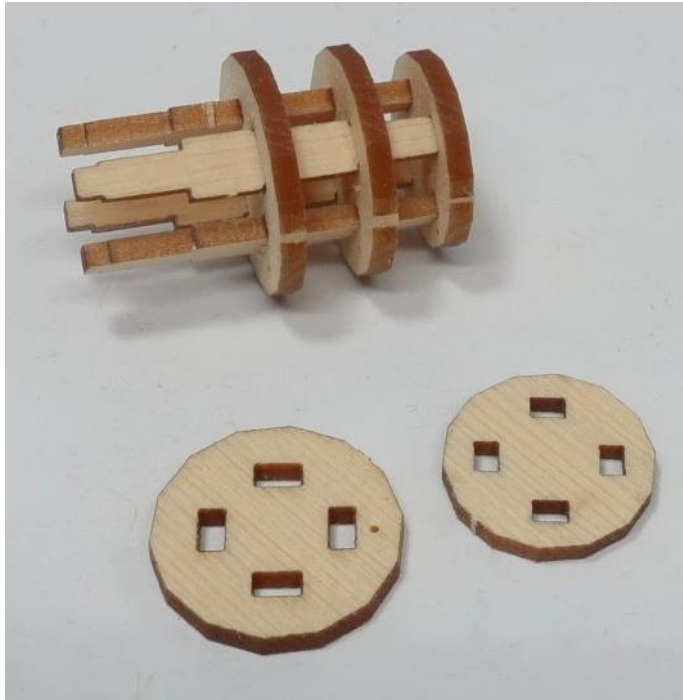
Assembling your Deluxe Syren Barrels...

Start by sanding the 3/64" thick sheet with the base parts on both sides just a little bit. Just to remove some char and smooth them out so it's easier to assemble. I recommend using 320 grit sandpaper. The four stepped sticks should be a press fit into the square slots of each round disc. If you sand too much they will be too loose. In fact they work great if they are a press fit and no glue will be needed on these parts at all.

Slide the largest disc onto two sticks first followed by two more in size order. There is a registration dot by one of the square slots on each disc. Make sure they are all facing the same direction and lined up. It will look like this.



Then take two more stepped sticks and slide them into the two remaining holes. Like the photo on the next page.....I didn't use any glue for this.



Then take the remaining two discs and slide them onto the other end. It may take some coaxing but they will slide in when all lined up.

Also glue the lids on each end. Just eyeball these to line up the 14 facets on each disc. Use titebond to give you more open time to position them.

You may be tempted to sand the facets of the discs at this point. I don't recommend that at all. It will change the size and shape and your staves won't fit. Just knock off the tabs a bit that held the discs into the sheet and glue your staves on.



Now take the STAVES of the barrel and start adding them around the barrel. You must bevel the sides of the staves which can be done with a sanding stick. I wouldn't pre-bend them because they will break. Just press bend them onto the barrel. The first one is the hardest. You need to put it on straight. You will need to hold the ends in position till the glue dries. I recommend using CA for these as it dries quickly.



Use the etched line in the center of each stave to line it up properly on the barrel. It will line up with the center disc. Then just continue all around the barrel until all 14 staves are completed.

I have included 3 narrower staves in case you make it all the way around and have a smaller gap. But it should work out fine. When you have three left to position you should dry fit and test which size staves will fit best. You may have to adjust the width of the last stave but that is normal as the staves were never all the same size anyway.

Lastly....

Sand the outside of the barrel smooth with some 320 grit sandpaper. Also flatten out the ends of the barrel to clean them up.

Then apply some wipe on poly. Add the black laserboard strips for the hoops using the etched lines as a guide. Sand them even thinner when done. But this is best done with 420 grit sandpaper. Add the stopper plug and sand that thinner too.....apply another coat of wipe on poly.

