

**In the GIT Repository there should be 4 .nc file: 6001.nc, 6002.nc, 6003.nc and 6004.nc.**

6001.nc is the first operation for the fretboard side of the neck. This uses a 27"x5"x2" (glue boards of a common size together to achieve this size) piece of tone wood with the origin in the middle of the block in the top.

6002.nc is the second operation for the backside of the neck. This requires a fixture plate with dowels at the same spacing as the drilled holes in the fretboard side and should be hammered down on these dowels to machine this operation. The WCS origin is in the low E string tuner bore and the z surface is the stock top.

6003.nc is the first operation for the fretboard to neck jig using a 24x3x1.25 inch piece of aluminum. The WCS origin is in the middle on the top.

6004.nc is the second operation for this component. The WCS origin is in the middle on the top.

**To obtain the Fusion 360 CAM files for this when edits need to be made after testing, email me at [j1measmer@gmail.com](mailto:j1measmer@gmail.com) with the subject line "Parker Neck". Be sure to email me with the email you used for your Fusion 360 account (Free for all Students) so I can then share the files with you.**

All of the tools necessary for the completion of these parts is listed at the beginning of the .nc file itself and can be viewed on any school computer using NCedit or opened with the wordpad. These .nc files can be loaded onto any of the machines using a USB flash drive, contact the Washburn staff to learn how to if you are not already familiar with this process. Also it is imperative that you contact the Washburn staff **BEFORE MACHINING ANY WOODEN PARTS**. This is because they require a special setup to trap the saw dust that occurs so it does not ruin the spindle bearings of the machine.

Any other questions you may have, shoot me an email either at [j1measmer@gmail.com](mailto:j1measmer@gmail.com) or [jomeasmer@wpi.edu](mailto:jomeasmer@wpi.edu) and I will get back to you as soon as possible.