**Practical Parts LLC**
**CAM File Preparation Checklist**

Tool Settings:
- ❏ Clockwise spindle rotation

Setup Settings:
- ❏ Make sure radii in fixture corners don't interfere with part placement
- ❏ Units in mm
- ❏ Coordinate system is oriented correctly
- ❏ Coordinate system in same location across setups
- ❏ Tool changes are appropriately handled
- ❏ Program name set to setup name (i.e. 0 – Fixture)

Tool Path Settings:
- ❏ Proper feeds
- ❏ Depth of cut set reasonably low
- ❏ Stock to leave off
- ❏ Climb milling (most of the time)
- ❏ Heights set properly

Final Visual Inspection/Simulation:
- ❏ Visual inspection of all toolpaths
- ❏ Toolpath simulation run with stock view on
- ❏ Tool path doesn't interfere with fixturing bolts
- ❏ Tool path doesn't drill into fixture

On Export:
- ❏ Correct setup is selected
- ❏ Post processor set to GRBL
- ❏ G28 safe retract set to no
- ❏ Verify proper OneDrive sync