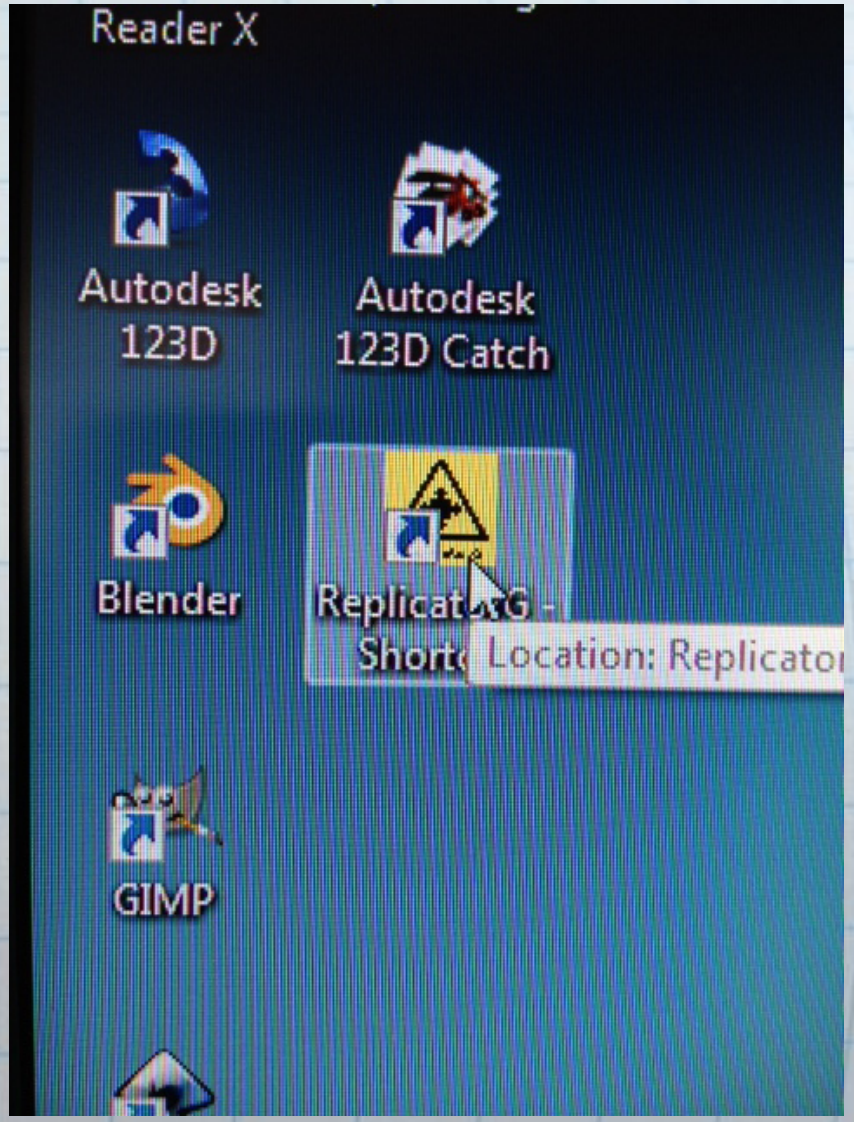
MakerBot Thing-O-Matic Operation

Step #1

Turn on the MakerBot using the switch on the left side of the machine

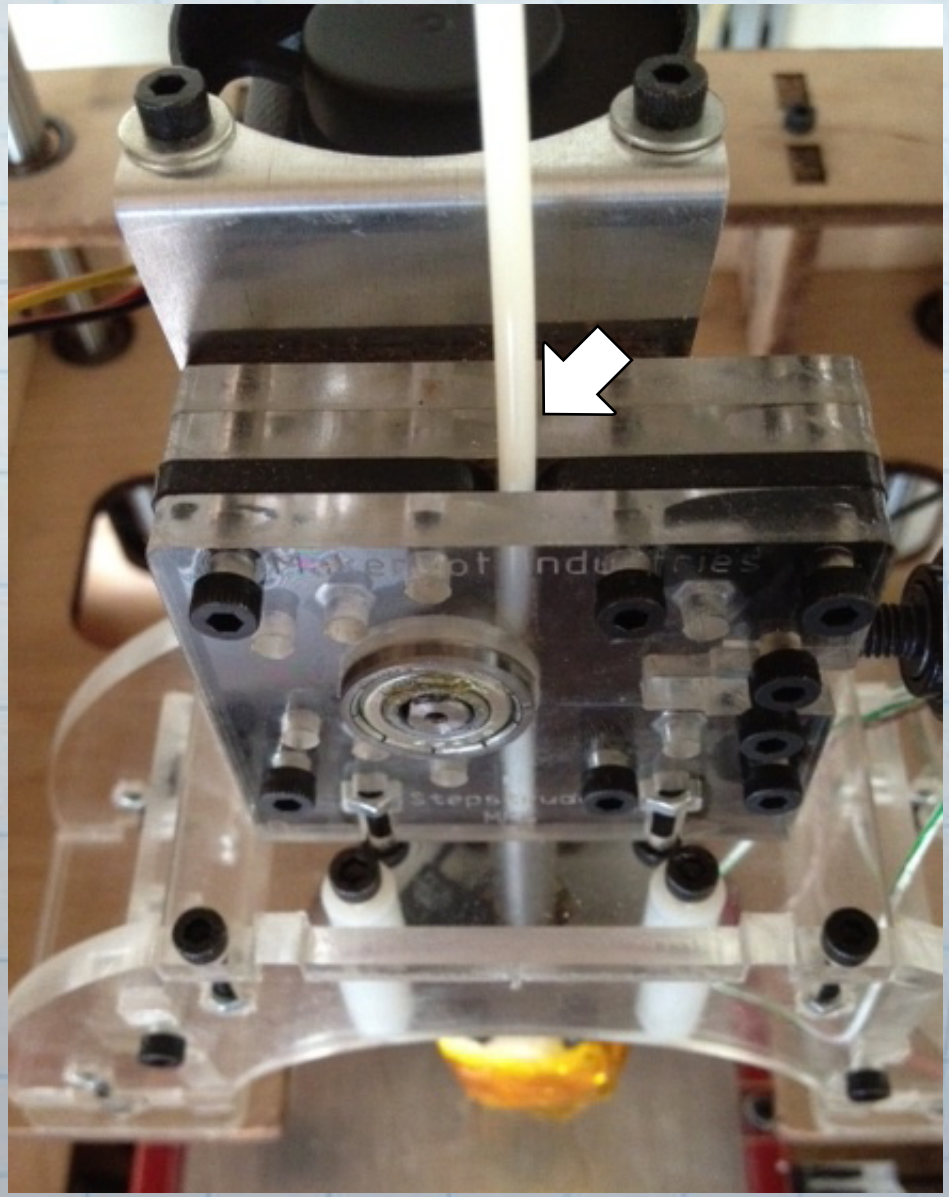
Step #2

Open ReplicatorG



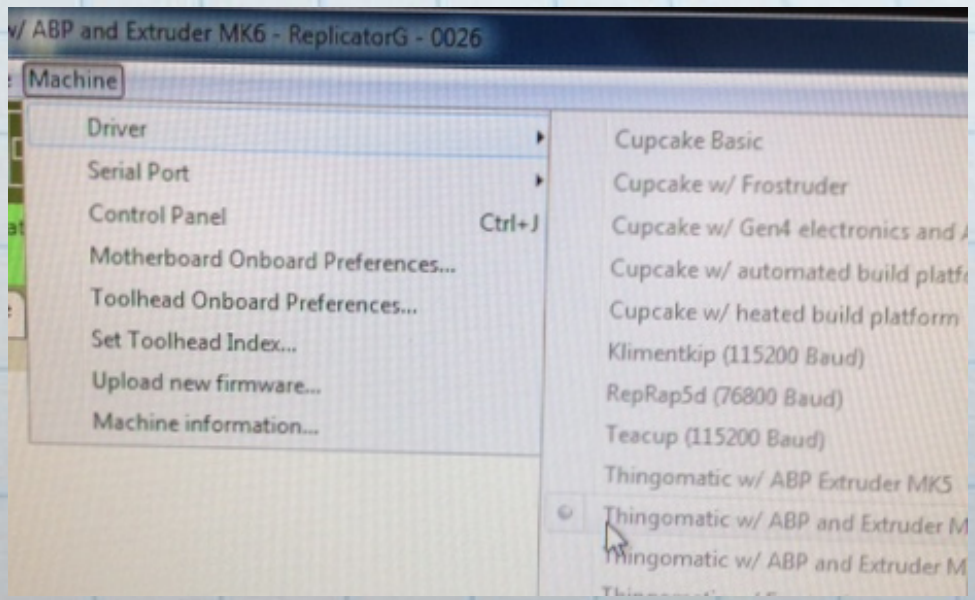
Step #3

- **Verify Build tray is Clean**
- **Verify Plastic filament is loaded into extruder head**



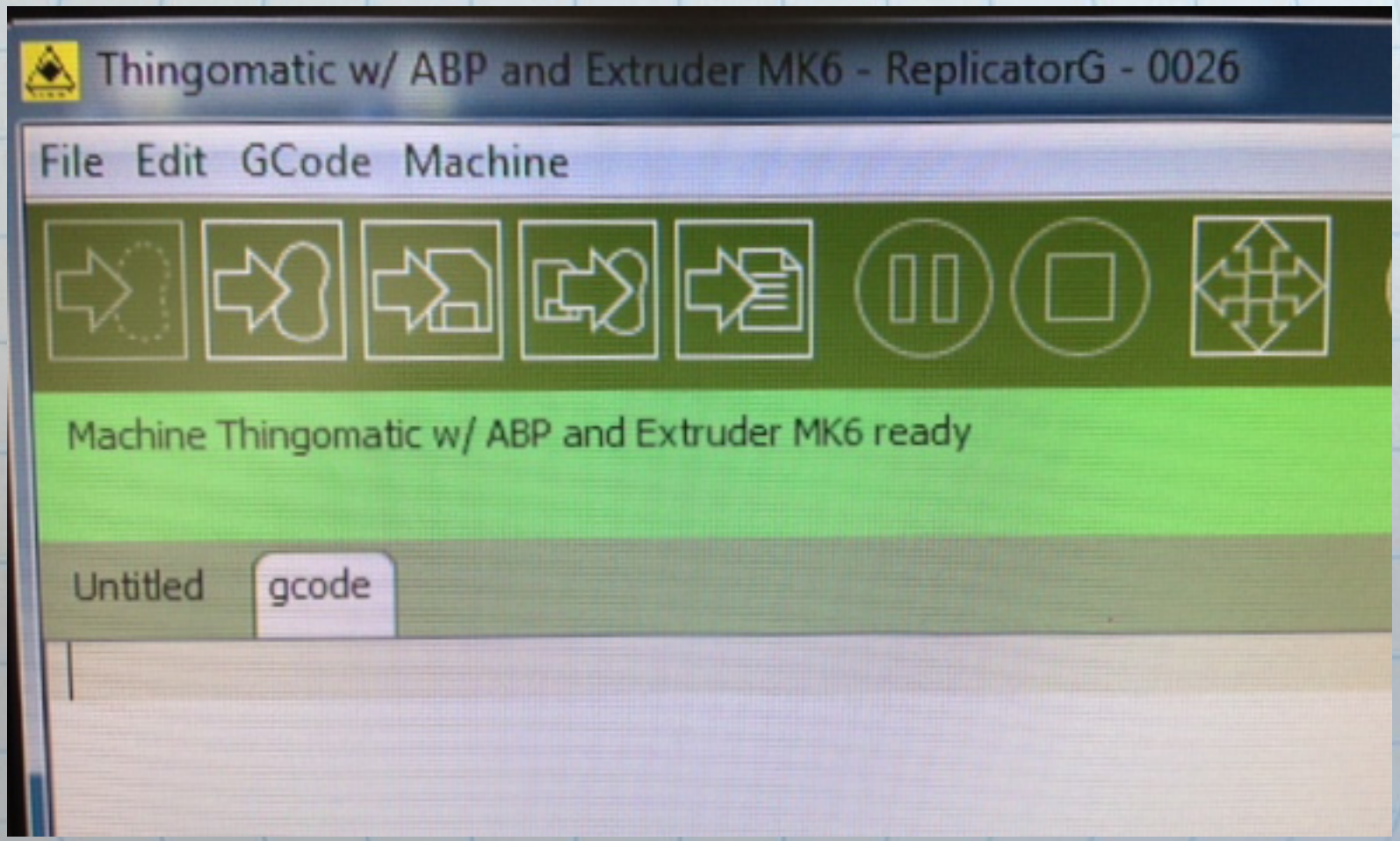
Step #4

- Verify proper driver is selected (Machine-Driver-Thingomatic w/ABP and extruder MK6)
- If Driver changes are made, close and restart ReplicatorG software



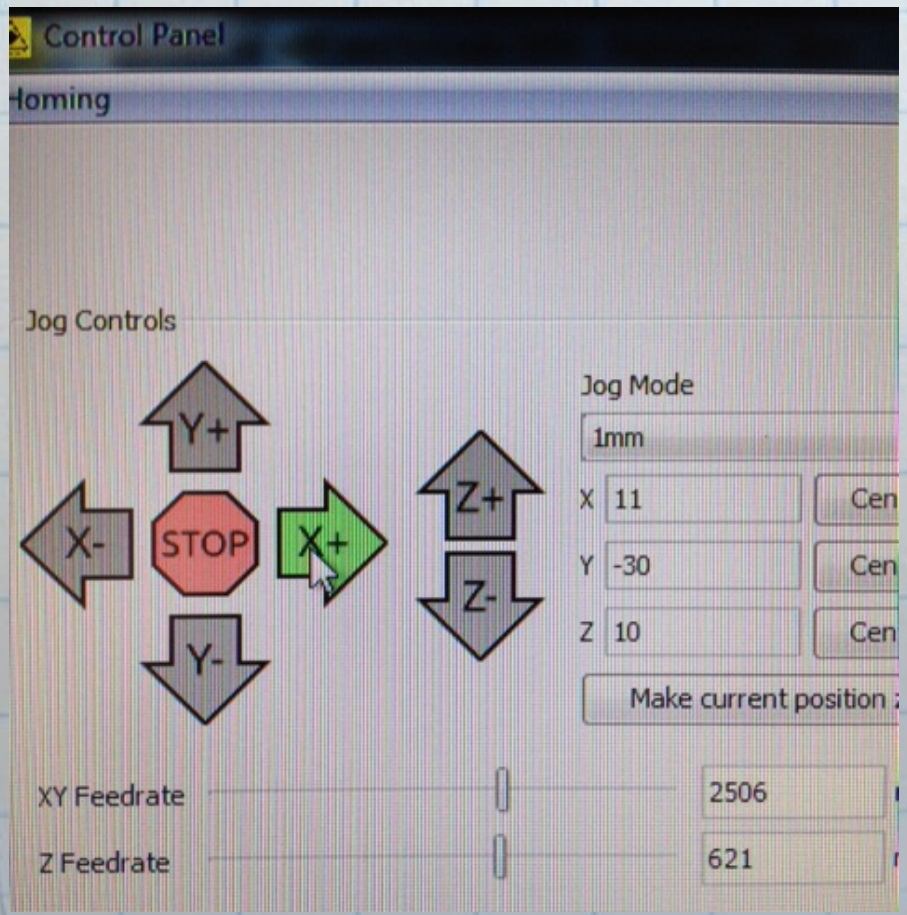
Step #5

- **Verify machine is connected and displays "Machine thingomatic w/ABP and Extruder MK6"**



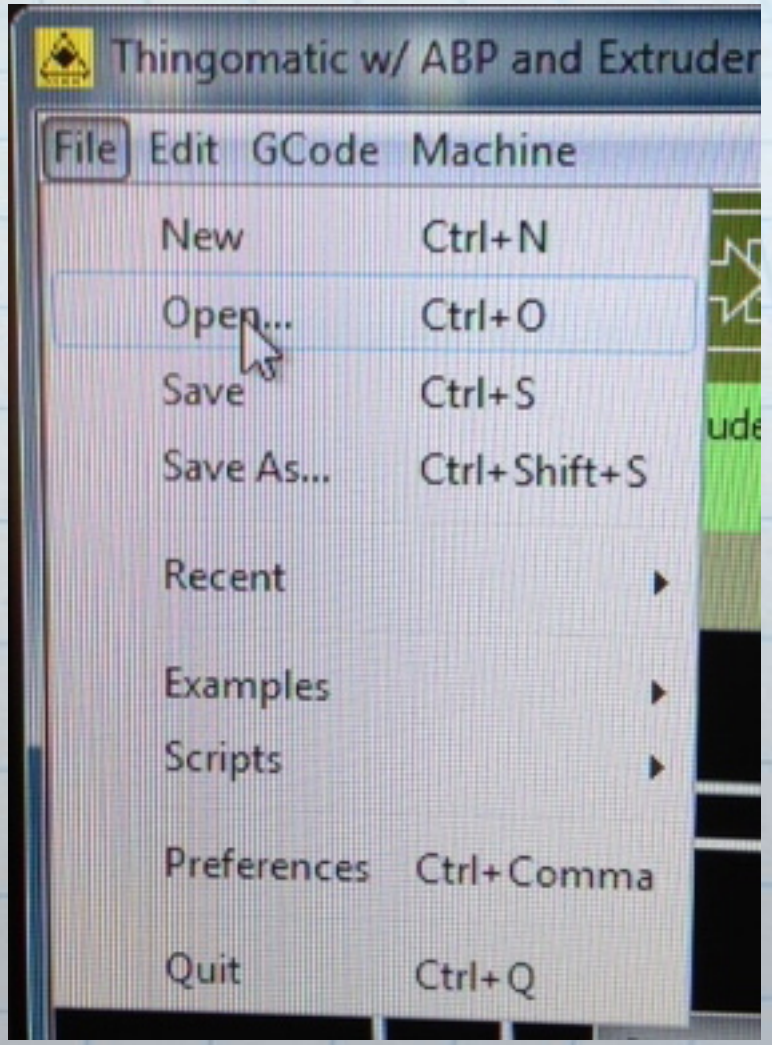
Step #6

- Select Machine-Control Panel
- Use Jog controls to verify proper machine functionality



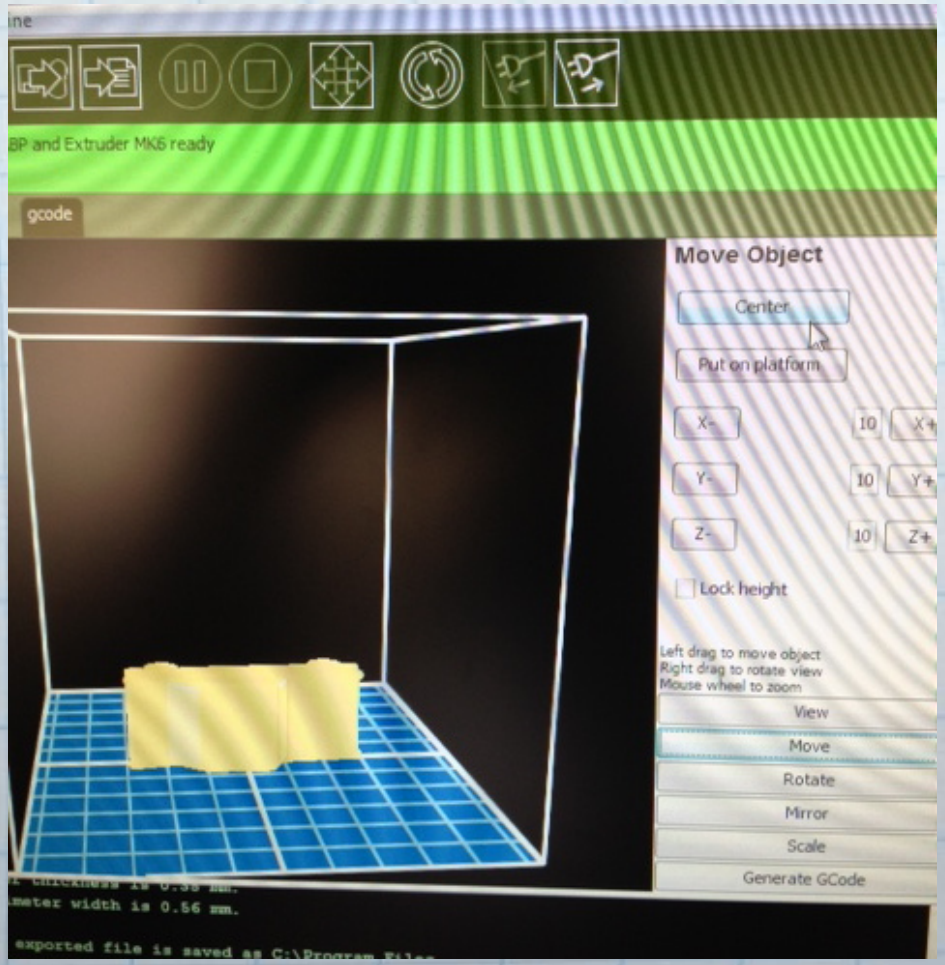
Step #7

- **Load .STL model (File-Open)**



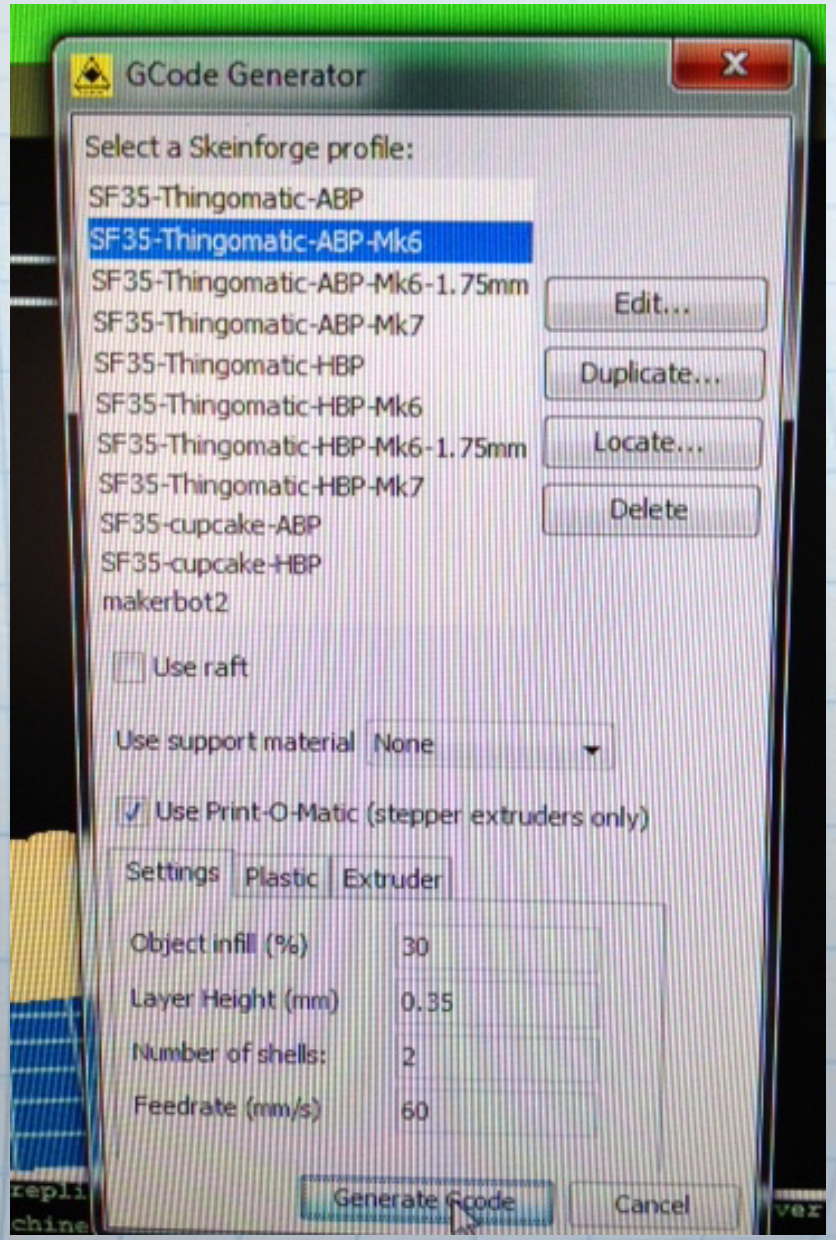
Step #8

- **Position Model on Build Platform (if needed) and verify model fits within build volume**



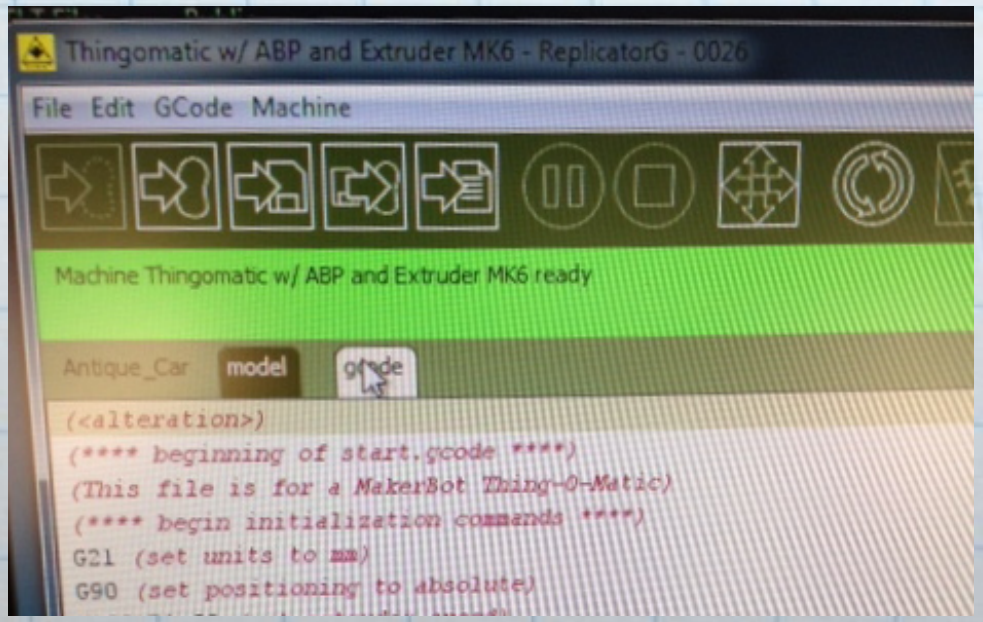
Step #9

- Generate Gcode (click generate Gcode)
- Select SF35-thingomatic-ABP-MK6
- Check the Box to use Print-o-matic
- Adjust settings to requirements (use defaults if unsure)
- Click generate Gcode(this may take a few minutes)



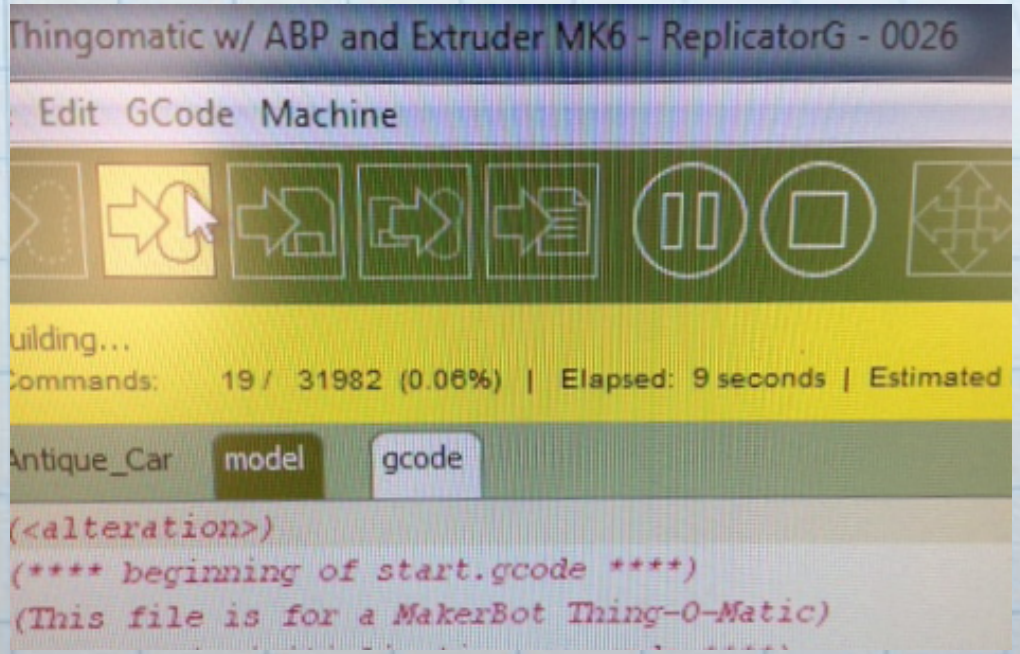
Step #10

- When Gcode is done generating click the Gcode tab to display the Gcode
- To estimate the build time click (Gcode-Estimate)



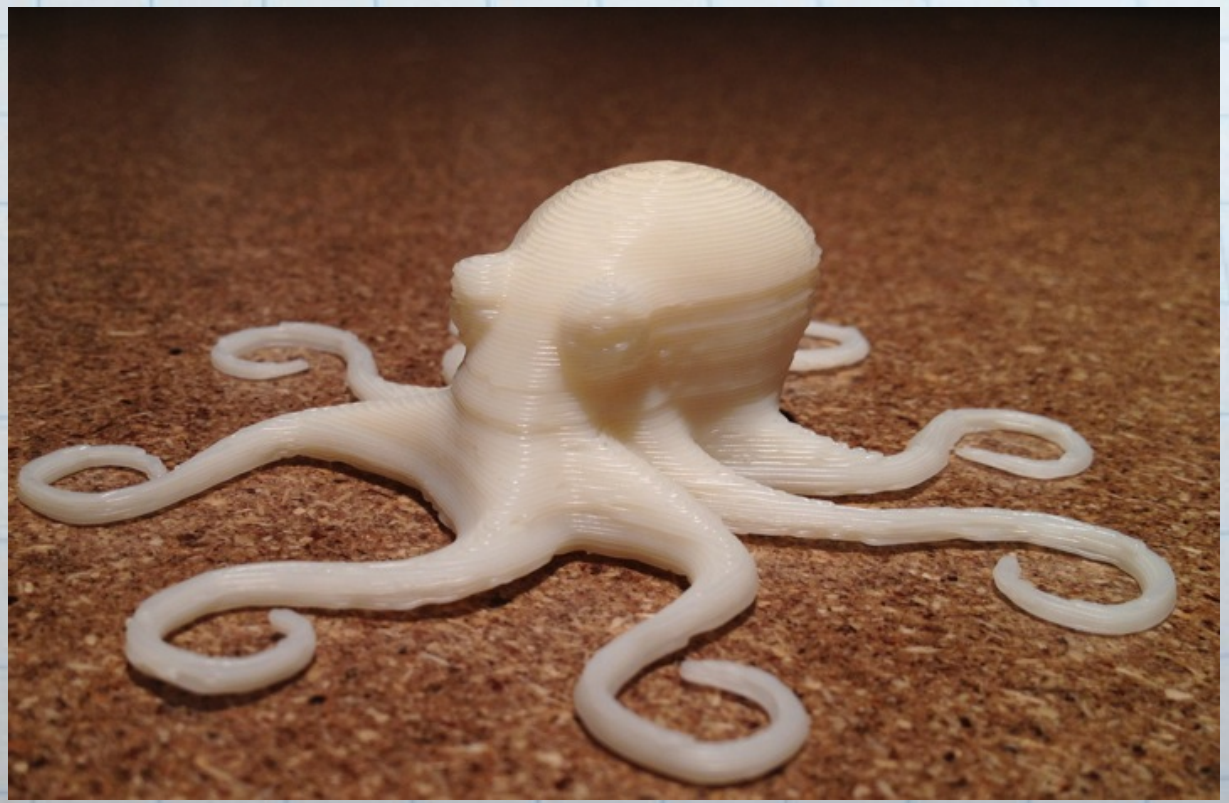
Step #11

- Click the Build button. The MakerBot should zero the axis and then begin the warm up cycle.
- The build status can be monitored in the upper bar of ReplicatorG



Step #12

- Wait for your part to finish printing
- Your part will be automatically ejected from the machine after it has cooled (watch out for hard landings!)



Step #13

- After job is complete, turn off the MakerBot
- Clean up and place everything back in there proper places
- Leave the workstation better than you found it!