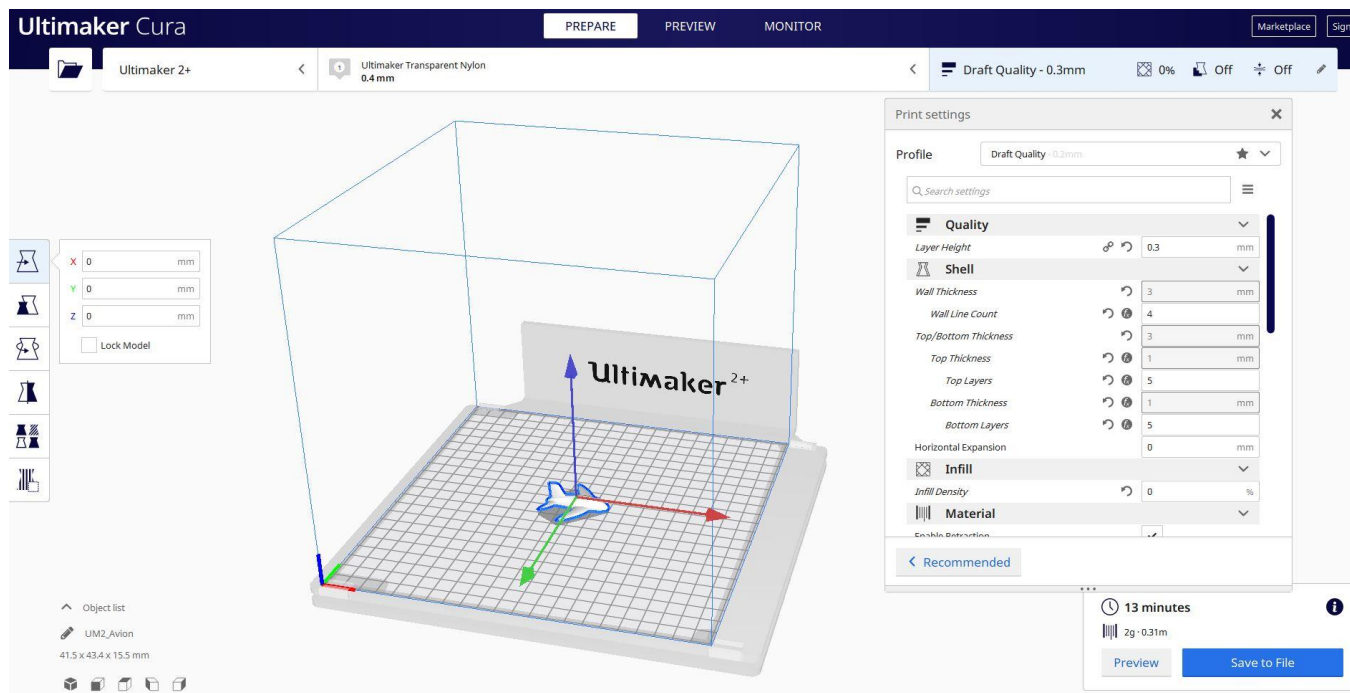




Document 1 - AVION

1. Import the file on the Slicing Software ("Cura") and orient the piece in the best way to be printed.





2. I enter all the correct printing parameters (layer height, wall thickness, infill, support, speed, temperature, ...) and check for any problems from the "Preview"

The screenshot displays the Ultimaker Cura software interface. At the top, the navigation bar includes 'PREPARE', 'PREVIEW' (highlighted with a red box), and 'MONITOR'. Below this, the 'View type' is set to 'Layer view', and the 'Color scheme' is 'Line Type'. The main workspace shows a 3D model of a red airplane on a build plate with a grid. The 'Print settings' panel on the right is open, showing various parameters:

- Profile:** Draft Quality - 0.2mm
- Cooling:** Enable Print Cooling (checked), Fan Speed (100.0 %)
- Support:** Generate Support (checked), Support Placement (Everywhere), Support Overhang Angle (45), Support Pattern (Lines), Support Density (25 %), Support X/Y Distance (0.6 mm)
- Build Plate Adhesion:** Build Plate Adhesion Type (Skirt), Skirt Line Count (5)
- Dual Extrusion:** (unchecked)

At the bottom right, a summary box shows a print time of 15 minutes and a layer height of 0.33mm, with a 'Save to File' button.



3. At this point I can save the ".Gcode" file to send to the machine.

The screenshot displays the Ultimaker Cura software interface. A 'Save to File' dialog box is open, showing the file path '210423_Cesar > File da stampare > Avion'. The file name is 'UM2_Avion' and the file type is 'G-code File (*.gcode)'. The 'Salva' button is circled in red. The background shows the 'Print settings' panel with various options like 'Cooling', 'Support', 'Build Plate Adhesion', and 'Dual Extrusion'. The 'Save to File' button is also visible in the bottom right corner of the interface.