As a rule of thumb, for 3D printing components, align such that surface area of the component touching the base of the printer is maximised, to ensure proper adhesion and reducing the chance of failing prints.

* Base Plate
  + 5 mm or thicker acrylic or acetyl plate
  + To cut to size, use saw cutter
* Battery Cage and Spring Plate
  + 3D printed using supports
  + Use a minimum of 3 shells to make components sturdy
* Battery Module
  + 3D printed for back panel, inner wall, outer wall, top wing, female blade component and connector plate
  + Laser cutting using 3 mm acetyl plate for bottom plate and top plate
  + Use a minimum of 3 shells for the back panel, inner wall, outer wall, top wing components sturdy
  + For a complete Battery Module, one of each component is required, with the exception of the connecter plate, of which 8 are needed
* Cable Holder
  + 3D printing
  + Use 3 shells
* Landing Docks
  + 3D print
  + Use 3 shells
* Motor Casing
  + 3D print
  + Use 3 shells
* Non-rotating Carousel
  + Laser cutting
  + Acrylic, 5 mm
* Rotating Carousel
  + 3D printing for inner clip, outer clip and divider walls of top plate
  + Use 4 shells
  + Laser cutting for the top plate, geared plate, wall and bottom guiding rail
  + Acrylic, 5 mm