The main purpose of the Rack is to provide a convenient mounting environment for the onboard electronics, including vision and cooling components. This must also be done in such a way that the hull can be removed, and the electronics can be accessed without removing power from the computer.

Central Horizontal and Vertical Bulkheads:
- $\frac{3}{8}$" x $\frac{3}{4}$” aluminum stock
- 4-40 tapped holes for mounting to L-beams
- 4-40 tapped holes for side panels and other mounting

End Horizontal and Vertical Bulkheads:
- $\frac{1}{2}$” x $\frac{3}{4}$” aluminum stock
- 8-32 tapped holes for mounting to L-beams
- 4-40 tapped holes for side panels and other mounting

L-Beams:
- $\frac{3}{4}$” x $\frac{3}{4}$” aluminum L-beam stock

Upper Hull Acrylic Guides:
- $\frac{1}{2}$” diameter acrylic half-rod

Upper Hull Side Panels:
- $\frac{3}{4}$” thick plexi-glass sheet
- Laser cut holes for board connectors

Various Component Mounting:
- $\frac{1}{2}$” x $\frac{11}{32}$” aluminum stock
- $\frac{1}{2}$” x $\frac{1}{2}$” aluminum L-beam stock

Assembly:
- $\frac{3}{8}$” long 8-32 screws
- $\frac{3}{8}$” long 4-40 screws