

Airineers Example Frame STL

This example frame is provided to demonstrate some of the basics of frame design and allows you to experiment with your 3D printer settings in order to get correct tolerances on areas such as the push fit for the motors.

This is by no means the perfect frame and it is not provided to be used in the competition. There are several design flaws which students will need to address in their own frame designs. These include but are not limited to:

- 1) Motor wire protection – the motors will be flush with the bottom of the frame providing no protection for the wires.
- 2) Tolerances – the mounting holes for the flight controller are not perfectly positioned.

The example frame is a good way to start thinking about where weight can be saved and where other improvements can be made when designing your own frames.

