

AME 40462, Spring 2017

Sample Component Weights

<i>Component</i>	<i>Weight (lbs)</i>
Propeller	0.058
Engine/Mount	0.714
Speed Controller/BEC	0.172
Flight Battery	0.715
Receiver Battery	0.119
Transmitter Receiver	0.031
Large Servo	0.094
Small Servo	0.042
Landing Gear/Wheels*	0.410
DAQ	0.154

Total Weight ~ 2.6 (lbs for design with 2 small and 2 large servos)

* Average across many senior design planes, significant difference possible