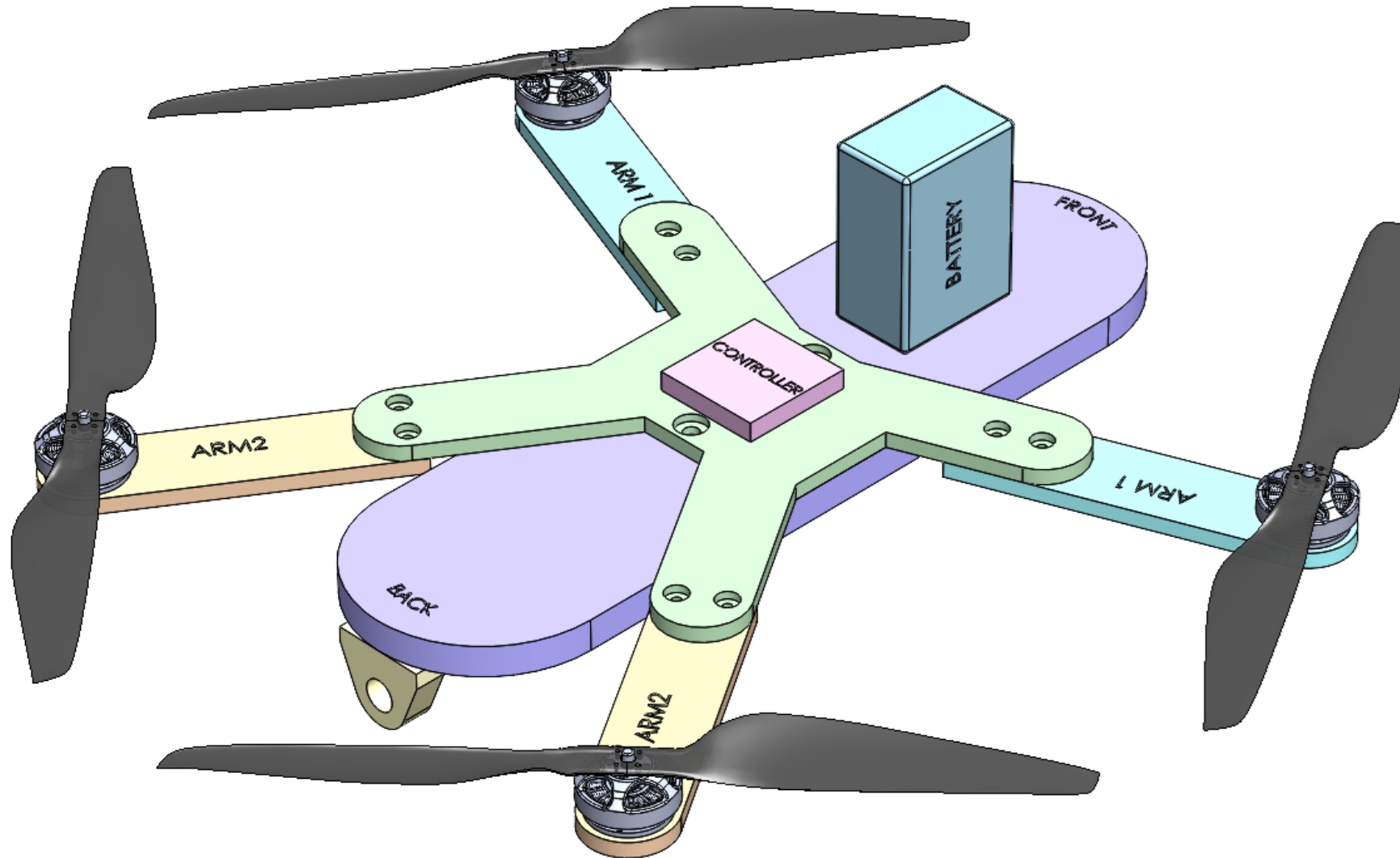
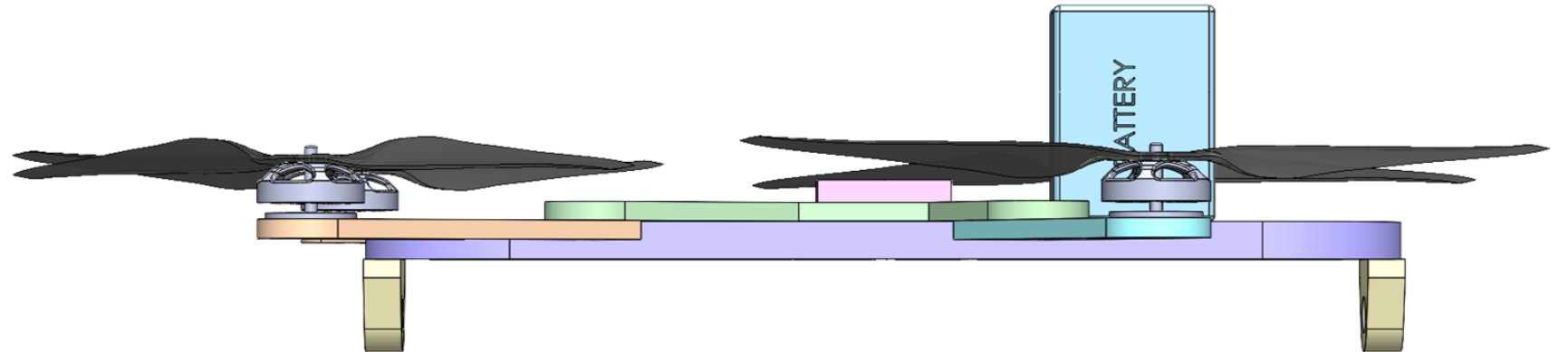
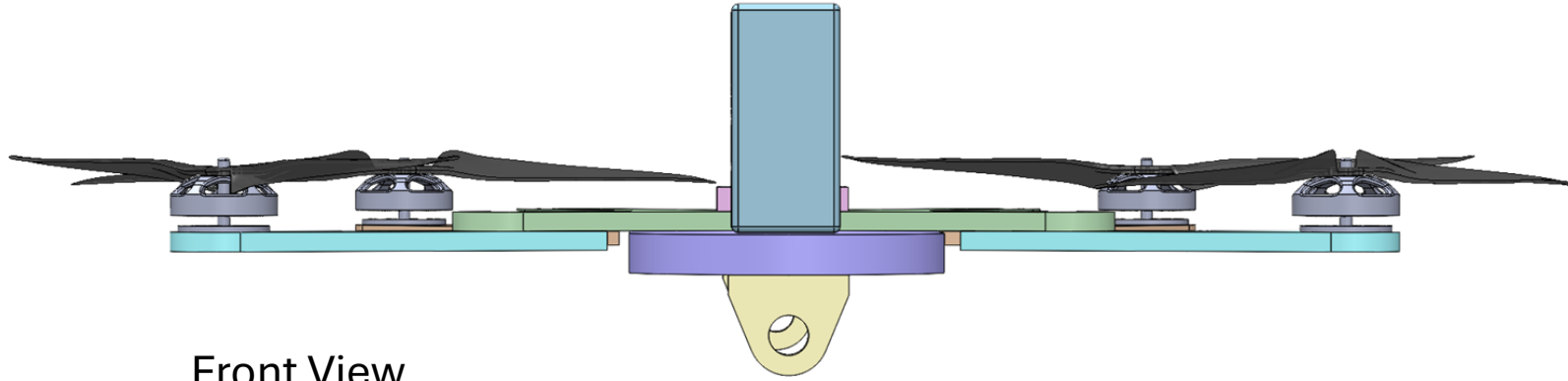


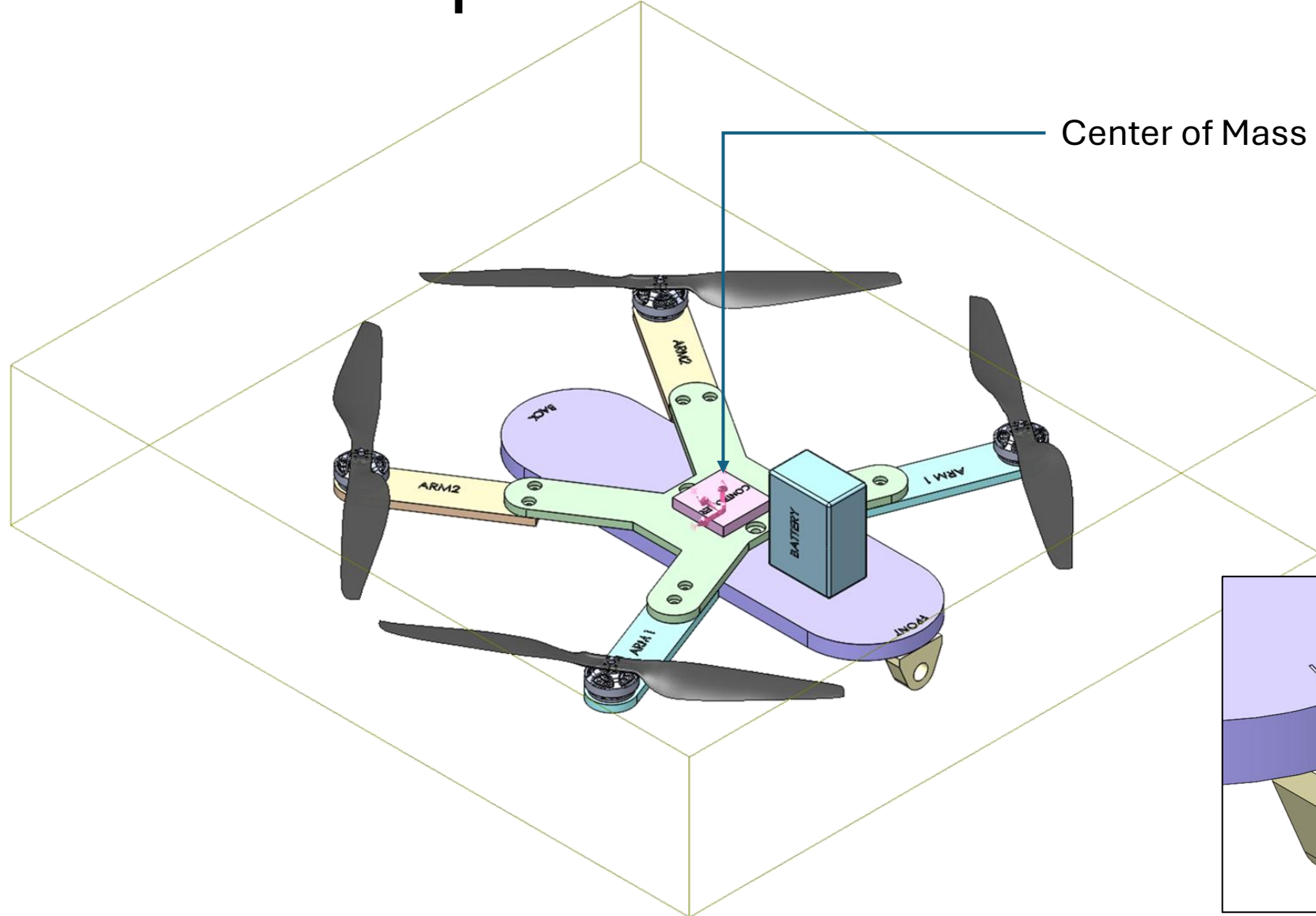
# Isometric View of Drone with Perspective



# Front and Side View of Drone with Perspective



# Mass Properties with Center of Mass



Mass properties of Final Drone Assembly  
(Hand Calculation Separate)

Mass = 1.5331 kilograms

Volume = 55.8851 cubic inches

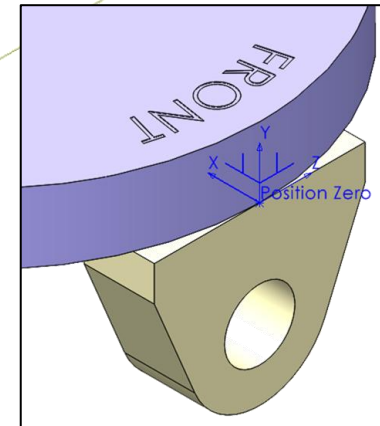
Surface area = 484.4744 square inches

Center of mass from Front Base as  
Position Zero

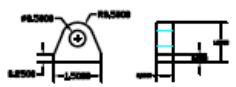
X = 6.9631 in

Y = 0.6950 in

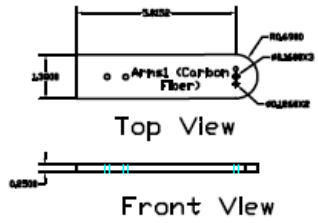
Z = 0.0000 in



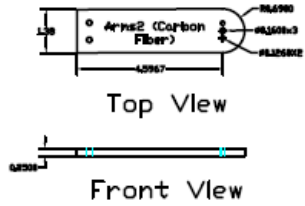
Weight: ~0.035 kg



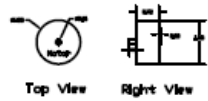
Weight: ~0.045 kg



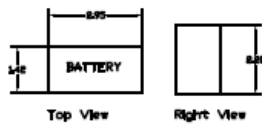
Weight: ~0.046 kg



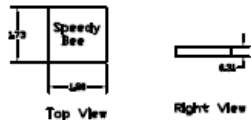
Weight: ~0.046 kg



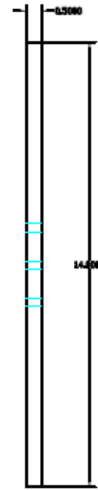
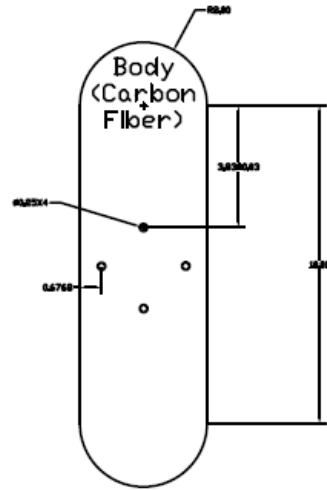
Weight: ~0.270 kg



Weight: ~0.011 kg



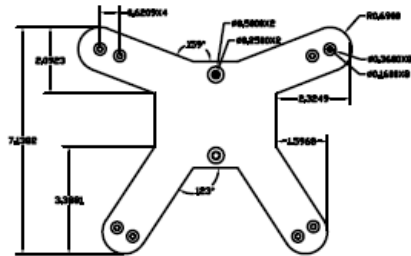
Weight: ~0.612 kg



Top View

Right View

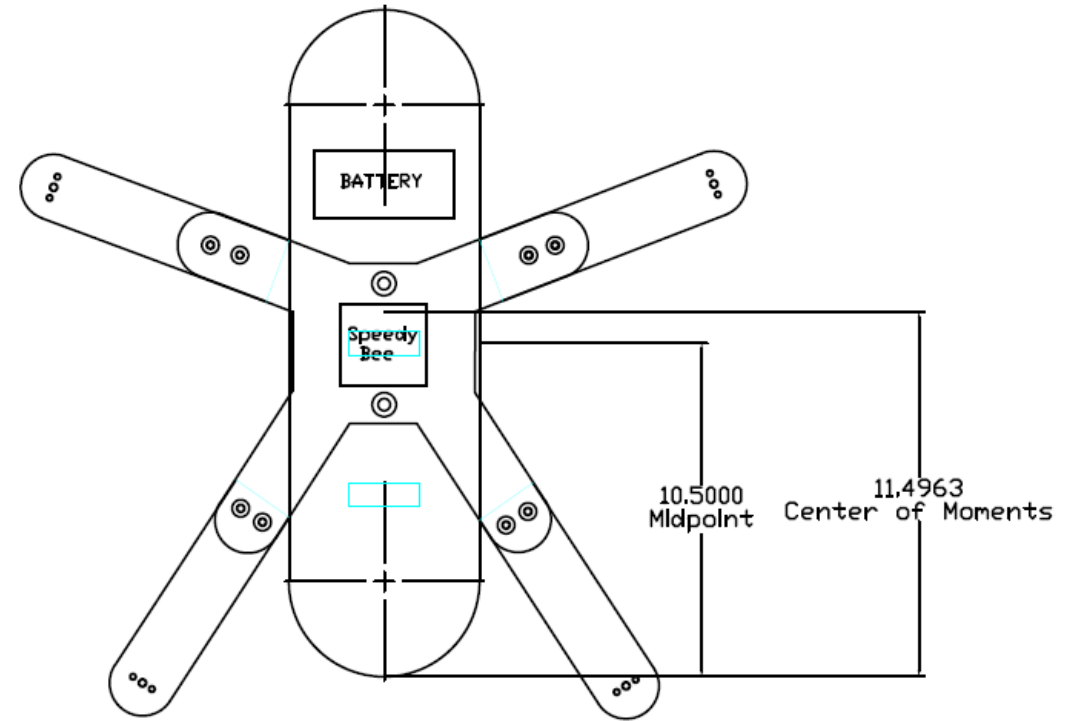
Weight: ~0.171 kg



Top View

Right View

# Initial CAD Design



Constructed Design  
Total Weight: 1.56 kg