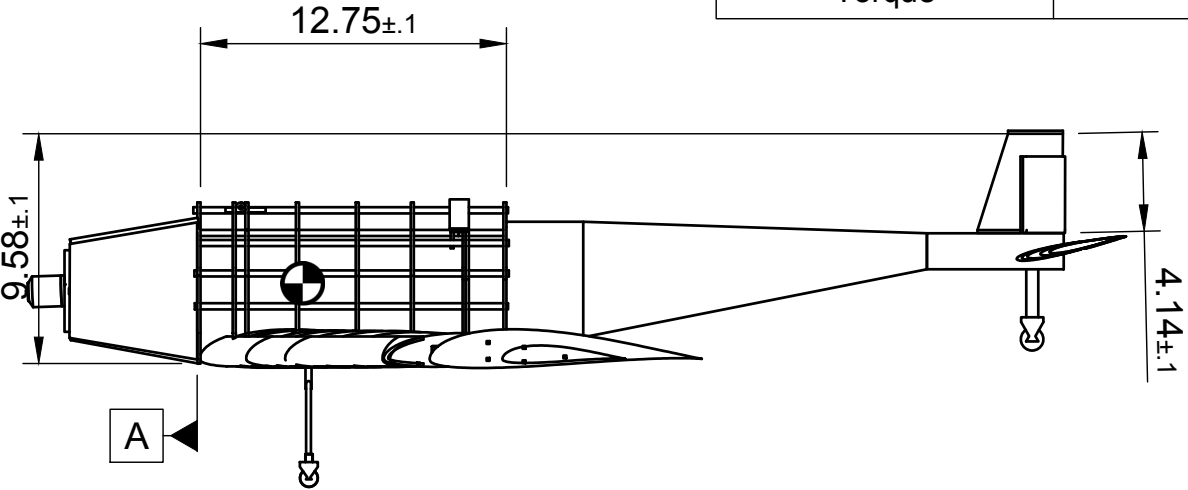


	Static Margin	CG Location from Datum
Loaded	0.04	5.8 in
Unloaded	0.04	5.8 in

Weight and Balance Information			
Component	Weight	Distance From Datum	Resulting Moment
Motor	0.3 lb	8.6 in	2.6 in-lb
Receiver	0.03 lb	-8.3 in	-0.3 in-lb
ESC	0.1 lb	7 in	0.7 in-lb
Motor Battery	0.32 lb	5.1 in	1.6 in-lb
Receiver Battery	0.3 lb	-7.9 in	-2.4 in-lb
Water Payload	2 lb	-5.3 in	-10.3 in-lb

Summary of Data	
Wingspan	4.1 ft.
Aspect Ratio	3.93
Empty Weight	2.66 lb
Motor KV	840 KV
Motor Make&Model	Cobra C-2820/14
Battery Capacity	1300 mAh 45C
Propeller Manufacturer, Diameter, Pitch	APC 11x5.5 in
Servo Manufacturer, Model Number, and Torque	Miuzei MG90S 9G, 35.7 oz-in



Drawn By: Thomas Casasola	Team #326
Material: Aerolite Balsa, Birch, Poplar, Styrofoam, Cardboard	Team Name: Airtime Aviation
Units: In      Payload is located at CG	School Name: Tulane University