

Finalized Specification Sheet

Table 1: ER Summary Table

Engineering Requirement	Target	Tolerance	Measured/ Calculated Value	ER met?	Client Acceptable
ER1 - Thrust to Weight Ratio	3:1	+/- 100 g	N/A	No	Yes
ER2 - Compact Design	5X5X5 ft / <50 lbs	1 in/ 5lbs	4x4x4 ft / 23.6 lbs	Yes	Yes
ER3 - Complete Course in Time Limit	9 minutes	+/- 1 minute	N/A	No	Yes
ER4 - Payload Weight	30% weight of the system	+/- 1 pound	6.9 lbs	Yes	Yes
ER5 - Time of Flight	10 minutes	+/- 30 seconds	N/A	No	Yes
ER6 - Total Cost	\$3000	+/- \$717.70	\$3,434.61	Yes	Yes
ER7 - Meet FAA Requirements	Met	N/A	N/A	Yes	Yes

Table 2: CR Summary Table

Customer Requirement	CR met?	Client Acceptable
CR1 - High Mobility	No	Yes
CR2 - Small	Yes	Yes
CR3 - Complete Recon Mission	No	Yes
CR4 - Payload Weight	Yes	Yes
CR5 - Battery Capacity	No	Yes
CR6 - Cost Efficiency	Yes	Yes
CR7 - Thrust Efficiency	Yes	Yes