Team Name: _____

eCYBERMISSION Grading Rubric – Test Prototype or Model

Criteria	Point Scale	Comments	Score
A sufficient amount of data is collected and well-presented	0-5: Very minimal or no data presented 6-11: Data collected, appropriate data tables OR either displayed as charts/graphs 12-18: Data collected, appropriate data tables AND either displayed as charts/graphs 19-25: Data collected from at least 3 trials, appropriate data tables OR displayed as charts/graphs 26-30: Data collected from at least 3 trials, appropriate data tables AND displayed as charts/graphs		
Appropriate use of mathematical calculations	0-3: Does not analyze (0), or incorrect calculations used (3) 4-6: Analyzes some of the data correctly, some incorrectly 7-9: Minor errors in data calculations 10-12: Analyzes data correctly 13-15: Analyzes data correctly, uses appropriate significant figures		
Explains how the data supports or refutes the design statement	0-3: Does not explain (0), or incorrect explanation used/does not use prompt (3) 4-6: Uses correct prompt, does not explain 7-9: Uses correct prompt, explains but very vague 10-12: Uses correct prompt, explains, lacks some detail 13-15: Uses correct prompt, explanation very thorough		
Lists sources of error and explains how these could have affected the results	0-3: Does not list any errors (0), or incorrect explanation (3) 4-6: Lists sources of error only, no explanation 7-9: Lists sources of error, explains how affected the results, but vague 10-12: Lists sources of error, explains how affected the results, lacks some detail, includes data tables, charts and/or graphs 13-15: Lists sources of error, explanation very thorough AND includes data tables, charts and/or graphs		
Appropriate use engineering terminology	0-3: Does not use at all (0) or very minimal (3) 4-5: Use of engineering terminology is limited 6-7: Uses some appropriate terminology, some inaccurate 8-9: Uses appropriate terminology throughout 10: Uses appropriate terminology throughout, uses significant digits		

Proper use of grammar, spelling, and punctuation	0-3: 11 or more errors in document 4-5: Correct grammar, spelling, and punctuation throughout (9-10 errors) 6-7: Correct grammar, spelling, and punctuation throughout (5-8 errors) 8-9: Correct grammar, spelling, and punctuation throughout (1-4 minor errors) 10: Correct grammar, spelling, and punctuation throughout (no errors)		
Total	Max Points = 95		