



Intercollegiate Rocket Engineering Competition Judging Sheet

Category: Basic Advanced

School: _____

Judge's Name: _____

Criterion	Maximum Points	Points Awarded
Launch with 10-lb Payload Rocket clears rail, includes 10-lb (minimum) payload	Qualify/ Disqualify	
Written Report Conciseness (12 pages or less), completeness, organization, readability, adequacy of tables and figures, spelling, grammar, punctuation.	200	
Oral Presentation Conciseness (25 min + questions), completeness, organization, adequacy of visual aids, knowledge about design, professionalism, spelling, grammar, punctuation.	150	
Student Design and Construction Proportion of rocket designed and built by students (airframe, propulsion, avionics, recovery).	200	
Operations Clear assignments of personnel, use of checklists, communication discipline, level of preparation/readiness for launch.	100	
Recovery Successful recovery of payload and all rocket components (in re-flyable condition except consumables).	150	
Peak Altitude as Read by Commercial Altimeter Basic: 10,000 feet AGL. 0 points if max alt < 5000 ft or >12,000 feet Points = 200 - 10000-max alt /25 Advanced: 25,000 feet AGL 0 points if max alt < 12,500 ft or >27,000 feet Points = 200 - 25000-max alt /62.5	200	
Bonus Points for Payload Functionality/Innovation	100	
Total	1000 + 100 bonus	

Additional comments: