

Aerotech Rocket Building Grading Checklist - 50 pts

Engine Mount

- All required parts
- Solid mounting
- Passed the vacuum test
- Engine fits
- Thrust ring in place
- Engine hook holds engine in rocket

Lower Body Tube

- Fins mounted in proper location
- Fins solidly attached
- Launch lugs in proper location and securely fastened
- Shock cord solidly attached to engine mount
- Shock cord in excellent condition
- Parachute attached to shock cord
- Shrouds lines solidly attached to chute
- Center of Gravity marked with a X
- Center of Pressure marked with a P
 - o Arcas - 46.75 inches from nose tip
 - o Astrobee - 58.75 inches from nose tip
 - o G-Force - 46 inches from nose tip
 - o Sumo - 29.5 inches from nose tip

Upper Body Tube

- Coupler loosely fits with lower body tube by passing the lift test
- Shock cord solidly attached to coupler
- Altimeter holes drilled
- Nose cone taped not glued and fits snugly
- Homemade shock cord attached to nose cone and upper body tube

Painting /Design

- Creative
- Quality paint job
- Graphics well done
- Rocket named and signed by builders
- Picture taken
- Design contest results