

Rocket Specification Sheet

Fill in the following information and turn in to your instructor prior to launch.

Rocket Name: _____

Team Members: _____

Predicted Maximum Altitude: _____ (ft) / _____ (m)

Mass:

Initial Mass of Rocket: _____ (g)

(note: This is the total mass of everything that will be mounted on the launch pad. Structure, payload, motor, ... everything)

Payload Mass: _____ (g)

(note: Payload does not include altimeters, parachutes, etc. Payload is only the added mass that you put on beyond the provided h/w. See instructor if you have questions)

Cost:

Calculate the total cost based on the provided cost sheet.

Item	Cost per unit, unit length, or unit area	Quantity (#, length, or area as appropriate)	Total Cost (\$)
Motor Combination Cost			
Balsa Wood	\$100/in ²		
Body tube	\$1 K/in		
Engine Adapter System	\$5 K/unit		

Total Cost of Rocket = \$ _____

Cost to Payload Mass Ration (CMR)

Compute your CMR. $CMR = (\text{total cost of rocket in } \$ / \text{payload mass}) / 10^7$.

CMR = _____