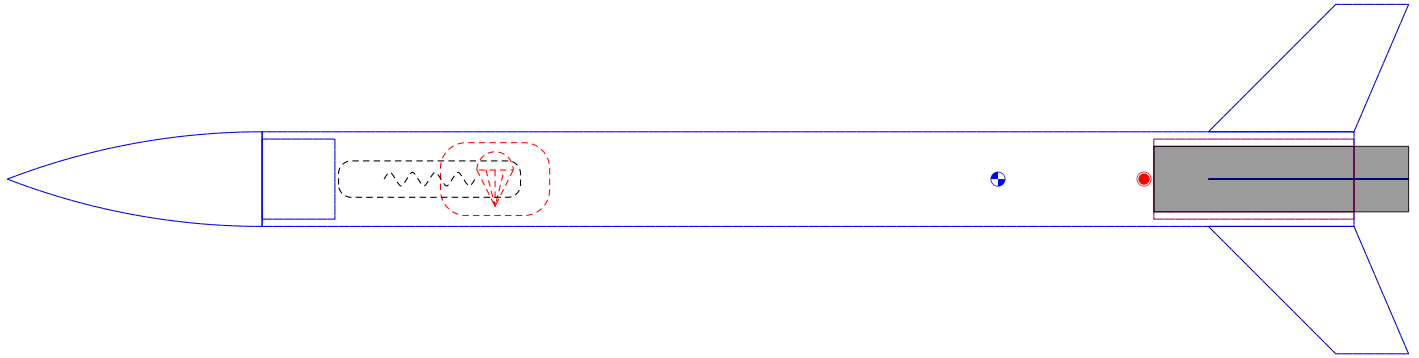


## Rocket Design



# Cohete Sin Nombre

Stages: 1

Mass (with motor): 33,3 g

Stability: 1,54 cal

CG: 272 mm







CP: 312 mm

**B4-4**

Altitude	177 m	Motor	Avg Thrust	Burn Time	Max Thrust	Total Impulse	Thrust to Wt	Propellant Wt	Size
Flight Time	26,6 s	B4	3,82 N	1,3 s	8 N	5 Ns	11,69:1	5,4 g	18/70 mm
Time to Apogee	5,06 s								
Optimum Delay	3,73 s								
Velocity off Pad	14,2 m/s								
Max Velocity	92,7 m/s								
Velocity at Deployment	2,98 m/s								
Landing Velocity	8,44 m/s								

Parts Detail

Etapla principal

	Ojiva	Balsa (0,17 g/cm³)	Ojival	Len: 70 mm	Mass: 3,4 g
	Cuerpo	Balsa (0,17 g/cm³)	Dia <sub>in</sub> 22 mm Dia <sub>out</sub> 26 mm	Len: 300 mm	Mass: 7,69 g
	Tubo interior	Balsa (0,17 g/cm³)	Dia <sub>in</sub> 18 mm Dia <sub>out</sub> 22 mm	Len: 55 mm	Mass: 1,17 g
	Aletas trapezoidales (4)	Balsa (0,17 g/cm³)	Thick: 3 mm		Mass: 2,14 g
	Paracaídas	Polietileno (delgado) (15 g/m²)	Dia <sub>out</sub> 100 mm	Len: 30 mm	Mass: 1,92 g
	Shroud Lines	Nylon trenzado (2 mm, 1/16 in) (1 g/m)	Lines: 6	Len: 300 mm	
	Tirante de sujeción	Cordón elástico (aprox. 2mm, 1/16 in) (1,8 g/m)		Len: 400 mm	Mass: 0,72 g

