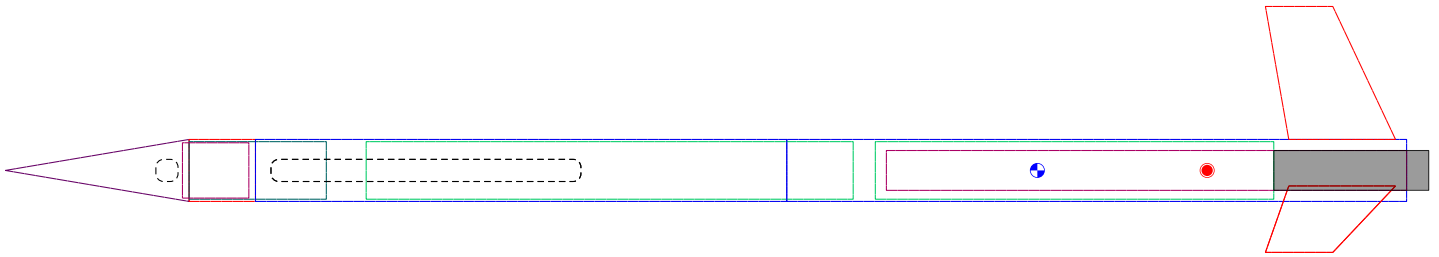


# Rocket Design



## Dragon Hunter

Stages: 1

Mass (with motor): 46,7 g

Stability: 2,74 cal

CG: 46,6 cm

CP: 54,3 cm

### C6-5

		Motor	Avg Thrust	Burn Time	Max Thrust	Total Impulse	Thrust to Wt	Propellant Wt	Size
Altitude	206 m	C6	4,0 N	1,86 s	11,6 N	7,48 Ns	8,73:1	12,5 g	18,0/70,0 mm
Flight Time	15,6 s								
Time to Apogee	5,54 s								
Velocity off Pad	18,3 m/s								
Max Velocity	82,3 m/s								
Velocity at Deployment	N/A								
Landing Velocity	28,7 m/s								

### B4-4














		Motor	Avg Thrust	Burn Time	Max Thrust	Total Impulse	Thrust to Wt	Propellant Wt	Size
Altitude	154 m	B4	4,04 N	1,3 s	11,7 N	5,28 Ns	9,33:1	8,33 g	18,0/70,0 mm
Flight Time	13,4 s								
Time to Apogee	4,99 s								
Velocity off Pad	17,3 m/s								
Max Velocity	75,1 m/s								
Velocity at Deployment	N/A								
Landing Velocity	28,8 m/s								

### A8-3



## Parts Detail

### Hauptstufe

	Spitze	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Konisch	Len: 8,3 cm	Mass: 1,0 g
	Körperrohr der Spitze	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,77 cm Dia <sub>out</sub> 2,8 cm	Len: 3,0 cm	Mass: 1,0 g
	Verbindungshülse	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,57 cm Dia <sub>out</sub> 2,6 cm	Len: 6,2 cm	Mass: 1,0 g
	Masse		Dia <sub>out</sub> 1,0 cm		Mass: 0 g
	Balastkammer	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,47 cm Dia <sub>out</sub> 2,5 cm	Len: 3,0 cm	Mass: 0,288 g
	Körperrohr	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,77 cm Dia <sub>out</sub> 2,8 cm	Len: 24,0 cm	Mass: 4,0 g
	Rohrverstärkung	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,57 cm Dia <sub>out</sub> 2,6 cm	Len: 22,0 cm	Mass: 1,0 g
	Schockband mit Gummidämpfer und Ankern	Thread (heavy- duty) (0,3 g/m)		Len: 40,0 cm	Mass: 2,0 g
	Körperrohr	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,77 cm Dia <sub>out</sub> 2,8 cm	Len: 28,0 cm	Mass: 4,0 g
	Rohrverstärkung	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 2,57 cm Dia <sub>out</sub> 2,6 cm	Len: 18,0 cm	Mass: 1,0 g
	Schockband mit Gummidämpfer und Ankern	Thread (heavy- duty) (0,3 g/m)		Len: 40,0 cm	Mass: 2,0 g
	Engine block	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Dia <sub>in</sub> 1,77 cm Dia <sub>out</sub> 1,8 cm	Len: 23,5 cm	Mass: 1,62 g
	Finnen (3)	Papier (Büro) (0,82 g/cm <sup>3</sup> )	Thick: 0,1 cm		Mass: 5,81 g