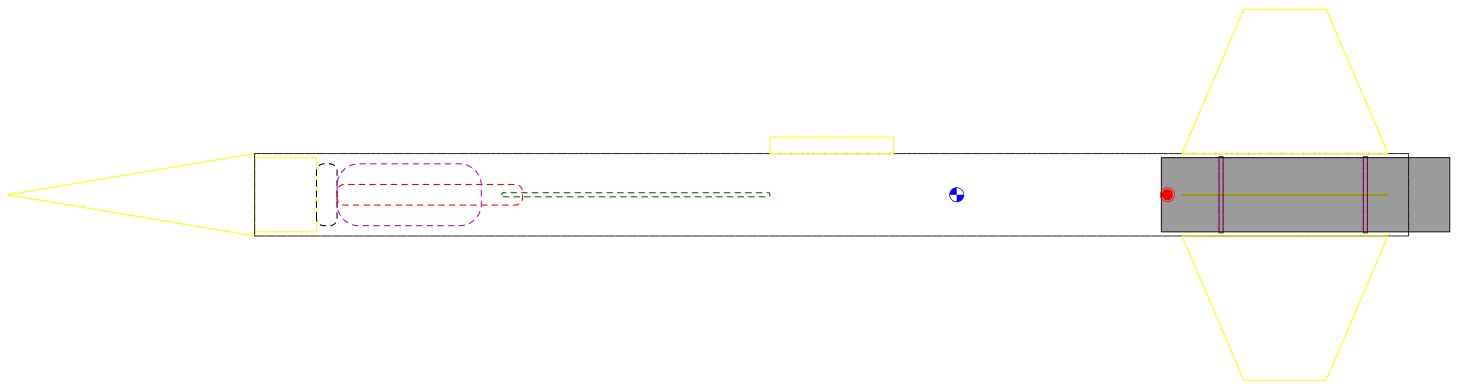


Rocket Design



Thors Lyn

Stages: 1

Mass (with motor): 47,3 g

Stability: 2,56 cal

CG: 23,0 cm











CP: 28,1 cm

C6-5

		Motor	Avg Thrust	Burn Time	Max Thrust	Total Impulse	Thrust to Wt	Propellant Wt	Size
Altitude	342 m	C6	4,0 N	1,86 s	11,6 N	7,48 Ns	8,63:1	12,5 g	18,0/70,0 mm
Flight Time	44,6 s								
Time to Apogee	7,41 s								
Velocity off Pad	18,2 m/s								
Max Velocity	112 m/s								
Velocity at Deployment	4,74 m/s								
Landing Velocity	9,41 m/s								

Parts Detail

Hauptstufe

	Spitze Konisch	Balsa (0,17 g/cm ³)	Konisch	Len: 6,0 cm	Mass: 1,07 g
	Masse		Dia _{out} 1,5 cm		Mass: 8,0 g
	Körperrohr	Papier (Büro) (0,82 g/cm ³)	Dia _{in} 1,85 cm Dia _{out} 2,0 cm	Len: 28,0 cm	Mass: 10,4 g
	Leitröhrchen	Papier (Büro) (0,82 g/cm ³)	Dia _{in} 0,4 cm Dia _{out} 0,4 cm	Len: 3,0 cm	Mass: 0 g
	Leitwerk Trapezform (4)	Balsa (0,17 g/cm ³)	Thick: 0,3 cm		Mass: 2,47 g
	Gummiband	Elastikband (rund, 2mm, 1/16 in) (1,8 g/m)		Len: 40,0 cm	Mass: 0,72 g
	Stahlseil	Thread (heavy-duty) (0,3 g/m)		Len: 40,0 cm	Mass: 0,12 g
	Fallschirm	Ripstop Nylon (67,0 g/m ²)	Dia _{out} 10,0 cm	Len: 3,5 cm	Mass: 1,97 g
	Shroud Lines	Elastikband (rund, 2mm, 1/16 in) (1,8 g/m)	Lines: 4	Len: 20,0 cm	
	Motorzentrier-Ring Haushaltsgummi	Gummiband (0,92 g/cm ³)	Dia _{in} 0 cm Dia _{out} 1,85 cm	Len: 0,1 cm	Mass: 0,247 g
	Motorzentrier-Ring Haushaltsgummi	Gummiband (0,92 g/cm ³)	Dia _{in} 0 cm Dia _{out} 1,85 cm	Len: 0,1 cm	Mass: 0,247 g

