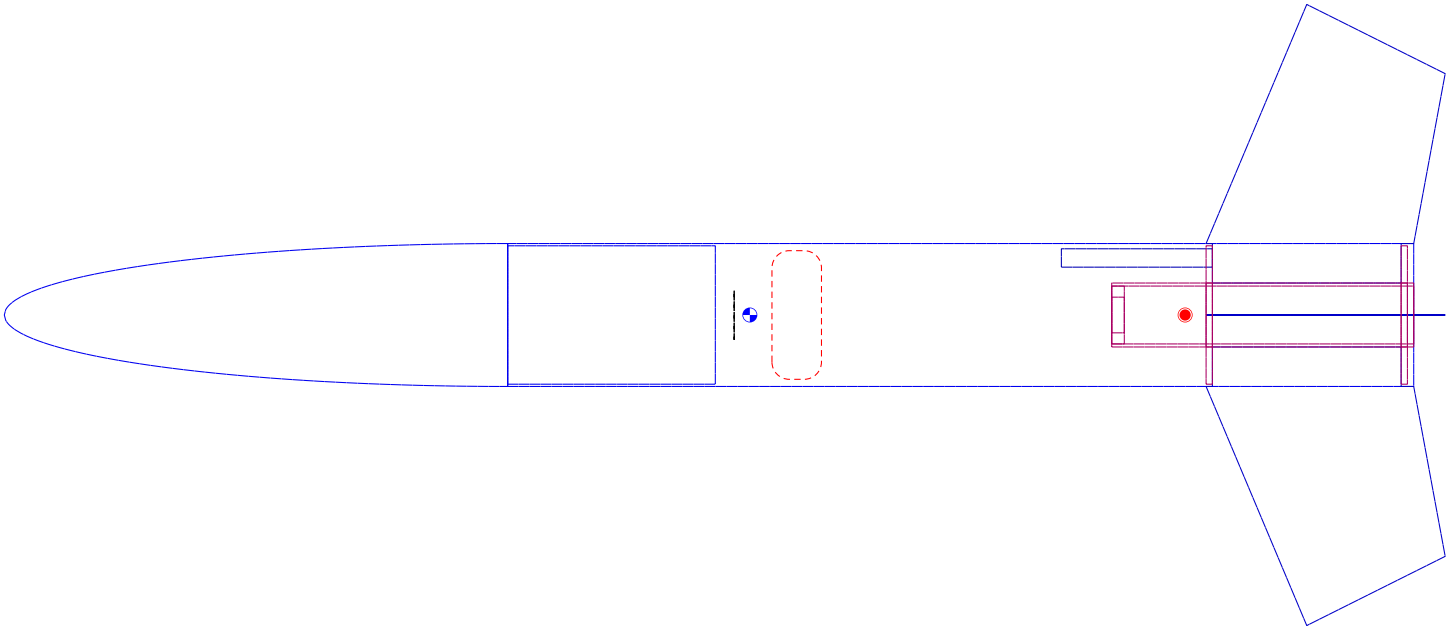
Rocket Design



2X Goblin

Stages: 1

Mass (Empty): 13.8 oz

Stability: 3.04 cal

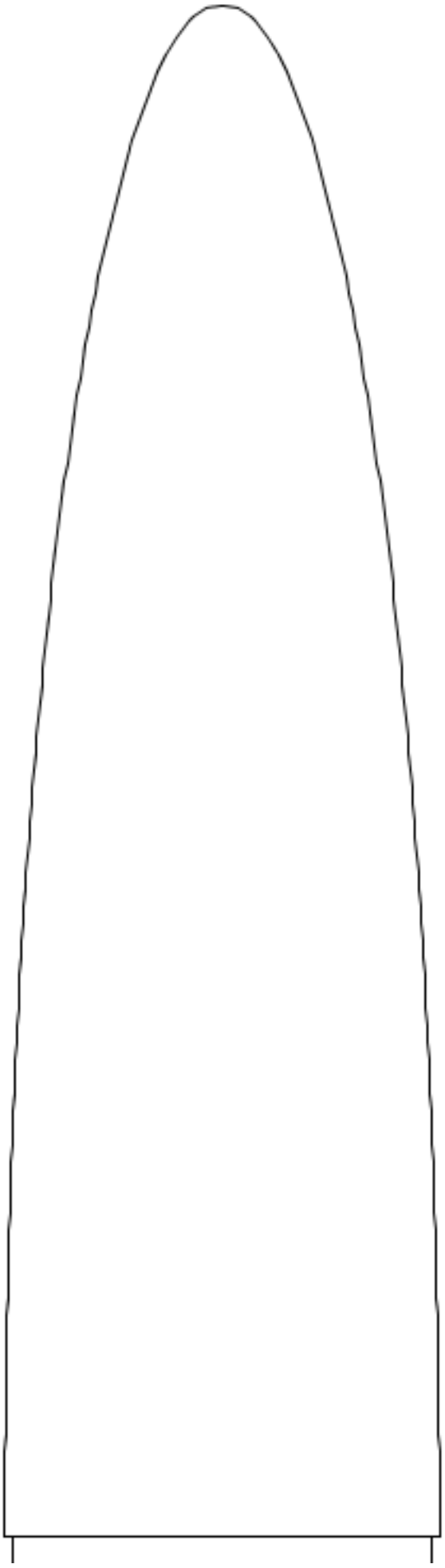
CG: 14.8 in

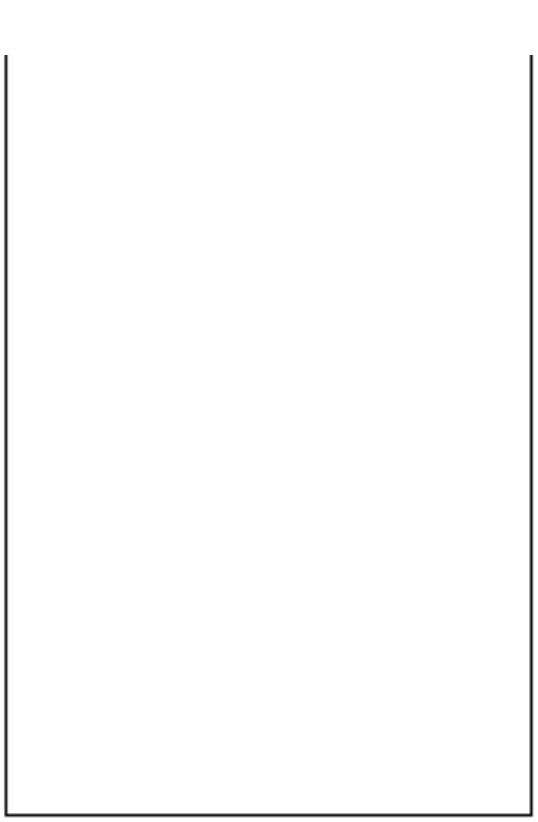
CP: 23.5 in

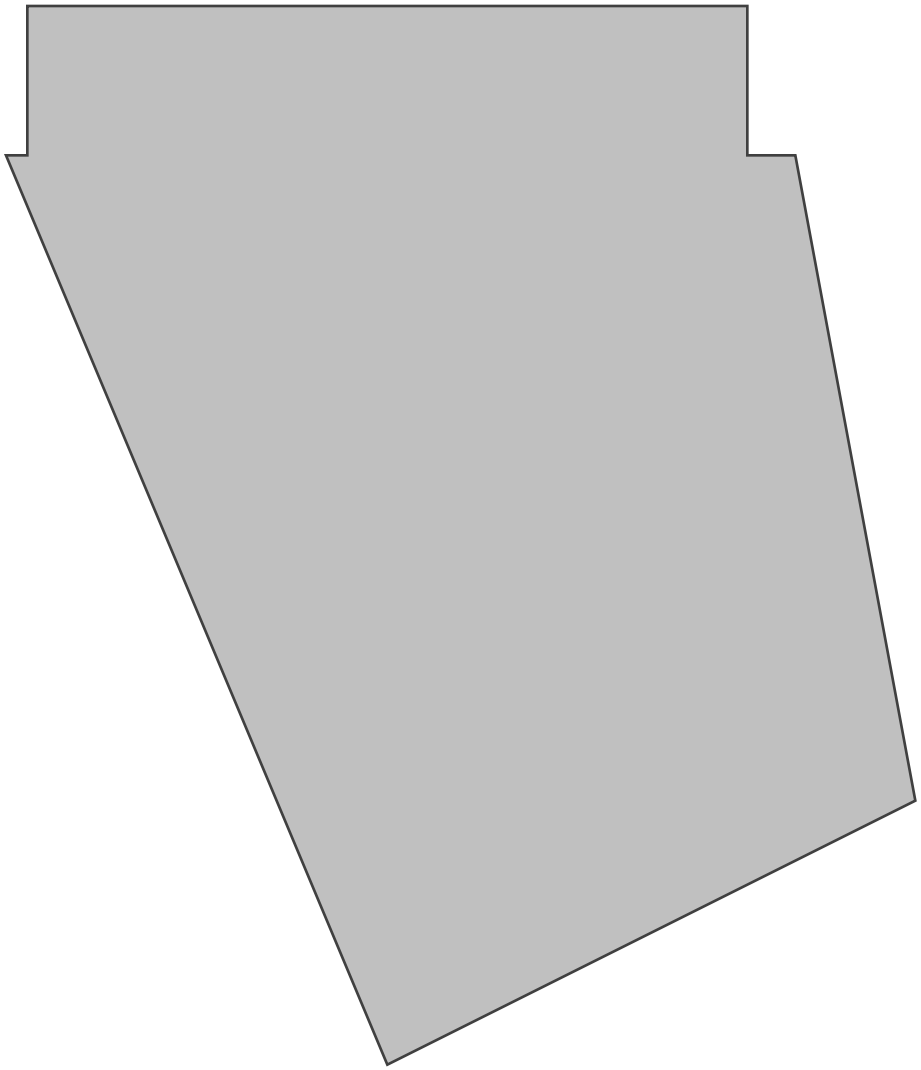
Parts Detail

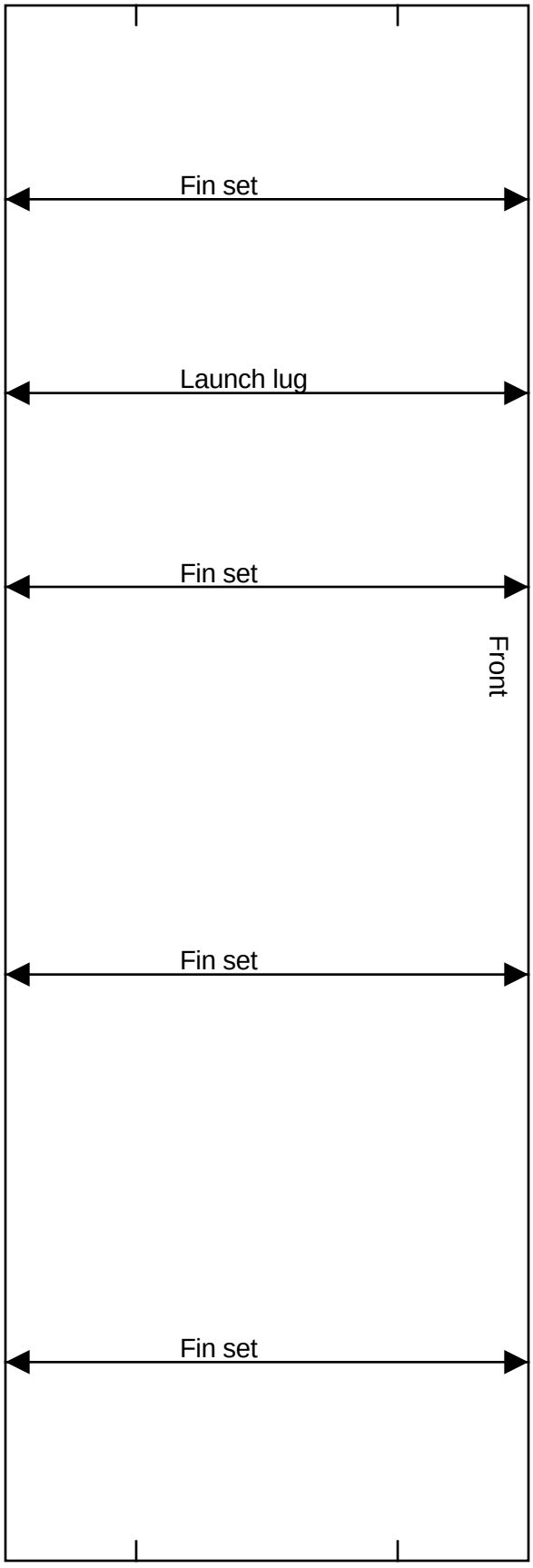
Stage

	Nose cone	RS: Balsa (0.07 oz/in³)	Ellipsoid	Len: 10in	Mass: 4.943oz
	Screw Eye-Large		Dia_{out} 0.984in		Mass: 0.021oz
	Mass		Dia_{out} 0.984in		Mass: 3oz
	Body tube	RS: Spiral/Glassine (0.49 oz/in³)	Dia_{in} 2.75in Dia_{out} 2.84in	Len: 18in	Mass: 3.49oz
	Fin set (4)	RS: Balsa (0.07 oz/in³)	Thick: 0.094in		Mass: 0.495oz
	Launch lug	RS: Paper (0.65 oz/in³)	Dia_{in} 0.286in Dia_{out} 0.365in	Len: 3in	Mass: 0.078oz
	Body tube	RS: Kraft phenolic (0.55 oz/in³)	Dia_{in} 1.15in Dia_{out} 1.27in	Len: 6in	Mass: 0.758oz
	Engine block	RS: Paper (0.65 oz/in³)	Dia_{in} 0.709in Dia_{out} 1.15in	Len: 0.25in	Mass: 0.104oz
	Centering ring	RS: lite ply (0.2 oz/in³)	Dia_{in} 1.27in Dia_{out} 2.75in	Len: 0.125in	Mass: 0.119oz
	Centering ring	RS: lite ply (0.2 oz/in³)	Dia_{in} 1.27in Dia_{out} 2.75in	Len: 0.125in	Mass: 0.119oz
	Parachute	RS: "G10 (PML 0.062"")" (0.31 oz/ft²)	Dia_{out} 18in	Len: 0.984in	Mass: 0.69oz
	Shroud Lines	RS: 1/16 In. braided nylon (0.01 oz/ft)	Lines: 8	Len: 20in	








Fin set
Launch lug
Fin set
Front
Fin set
Fin set