



Parts Detail

Sustainer

	Nose cone	Carbon fiber (1.78 g/cm ³)	Haack series	Len: 40.6 cm	Mass: 457 g
	Body tube	Carbon fiber (1.78 g/cm ³)	Diain 9.52 cm Diaout 10.2 cm	Len: 188 cm	Mass: 3285 g
	Engine block	Cardboard (0.68 g/cm ³)	Diain 7.5 cm Diaout 7.65 cm	Len: 66.6 cm	Mass: 81.8 g
	Trapezoidal fin set (4)	Blue tube (1.3 g/cm ³)	Thick: 0.5 cm		Mass: 261 g
	Centering ring	Cardboard (0.68 g/cm ³)	Diain 0 cm Diaout 9.52 cm	Len: 0.2 cm	Mass: 9.69 g
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	Payload		Diaout 6.5 cm		Mass: 4536 g
	Electronics		Diaout 5.6 cm		Mass: 2268 g
	Main Parachute	Ripstop nylon (67 g/m ²)	Diaout 213 cm	Len: 22.4 cm	Mass: 243 g
	Shroud Lines	Elastic cord (round 2 mm, 1/16 in) (1.8 g/m)	Lines: 6	Len: 30 cm	
	Bulkhead	Carbon fiber (1.78 g/cm ³)	Diaout 9.52 cm	Len: 0.2 cm	Mass: 25.4 g
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	Tube coupler	Carbon fiber (1.78 g/cm ³)	Diain 9.52 cm Diaout 9.52 cm	Len: 6 cm	Mass: 0 g
	Drouge Parachute	Ripstop nylon (67 g/m ²)	Diaout 102 cm	Len: 13 cm	Mass: 57.6 g
	Shroud Lines	Elastic cord (round 2 mm, 1/16 in) (1.8 g/m)	Lines: 6	Len: 30 cm	
	Centering ring	Cardboard (0.68 g/cm ³)	Diain 0 cm Diaout 9.52 cm	Len: 0.2 cm	Mass: 9.69 g
	Shock cord	Elastic cord (round 2 mm, 1/16 in) (1.8 g/m)		Len: 1067 cm	Mass: 19.2 g



Shock cord

Elastic cord
(round 2 mm,
1/16 in)
(1.8 g/m)

Len: 1067 cm Mass: 19.2 g
