

















Parts Detail



Stage: Stage

	Nose Cone	Polystyrene (1.05 g/cm ³)	Ogive	Len: 0.8 cm	Mass: 0.089 g
	S-10- Launch Escape System (LES)	Cardboard (0.68 g/cm ³)	Dia _{in} 0.1 cm Dia _{out} 0.5 cm	Len: 2.5 cm	Mass: 0.32 g
	Transition	Cardboard (0.68 g/cm ³)	Fore Dia: 0.5 cm Aft Dia: 0 cm	Len: 0.8 cm	Mass: 0.07 g
	S-9 - Command Module (CM)	Polystyrene (1.05 g/cm ³)	Ellipsoid	Len: 1.1 cm	Mass: 1.6 g
	S8 - Service Module (SM)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.2 cm Dia _{out} 2.6 cm	Len: 3.7 cm	Mass: 3.79 g
	Mass Component		Dia _{out} 2.5 cm		Mass: 20 g
	S7 - Spacecraft Lunar Module Adapter (SLA)	Cardboard (0.68 g/cm ³)	Fore Dia: 2.6 cm Aft Dia: 3.3 cm	Len: 5.5 cm	Mass: 6.47 g
	S6 - Instrument Unit	Cardboard (0.68 g/cm ³)	Dia _{in} 2.9 cm Dia _{out} 3.3 cm	Len: 0.9 cm	Mass: 1.19 g
	S5 - Third Stage (S-IVB)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.9 cm Dia _{out} 3.3 cm	Len: 13 cm	Mass: 17.2 g
	(Motors) - S5 - Single J-2 Engine (1 Estes D)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.4 cm Dia _{out} 2.5 cm	Len: 7 cm	Mass: 1.83 g
	Parachute	Ripstop nylon (67 g/m ²)	Dia _{out} 30 cm	Len: 2.5 cm	Mass: 7.98 g
	Shroud Lines	Elastic cord (round 2 mm, 1/16 in) (1.8 g/m)	Lines: 6	Len: 30 cm	
	Streamer	Ripstop nylon (67 g/m ²)	Length 50 cm Width 5 cm	Len: 2.5 cm	Mass: 1.68 g
	S4 - Interstage (S-II / S-IVB)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.9 cm Dia _{out} 3.3 cm	Len: 1.5 cm	Mass: 1.99 g

Stage: Stage

	S3 - Second Stage (S-II)	Cardboard (0.68 g/cm ³)	Dia _{in} 3.2 cm Dia _{out} 3.3 cm	Len: 18.5 cm	Mass: 6.42 g
	(Motors) - S4 - 5 J-2 Engines (Estes D)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.4 cm Dia _{out} 2.5 cm	Len: 7 cm	Mass: 11 g
	S2 - Interstage (S-IC / S-II)	Cardboard (0.68 g/cm ³)	Dia _{in} 2.9 cm Dia _{out} 3.3 cm	Len: 2 cm	Mass: 2.65 g

Stage: Sustainer

	S1 - First Stage (S-IC)	Cardboard (0.68 g/cm ³)	Dia _{in} 3.2 cm Dia _{out} 3.3 cm	Len: 42 cm	Mass: 14.6 g
	Trapezoidal Fin Set (4 Fins) (4)	Balsa (0.17 g/cm ³)	Thick: 0.15 cm		Mass: 2.05 g



(Motors) - S1 - 5 F15 Engines Cardboard Dia_{in} 2.9 cm Len: 12 cm Mass: 22.7 g
(Estes F15) (0.68 g/cm³) Dia_{out} 3 cm

