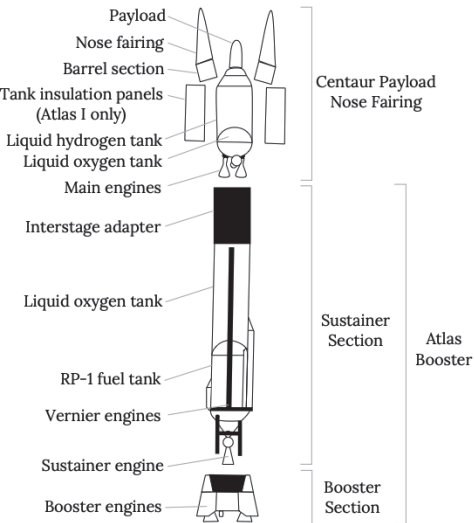
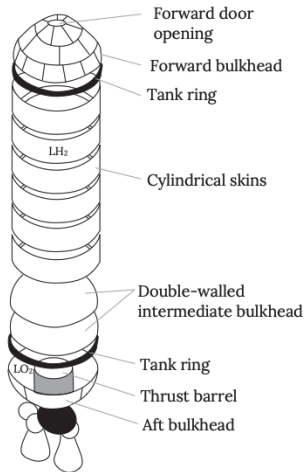


# Atlas I Space Launch Vehicle



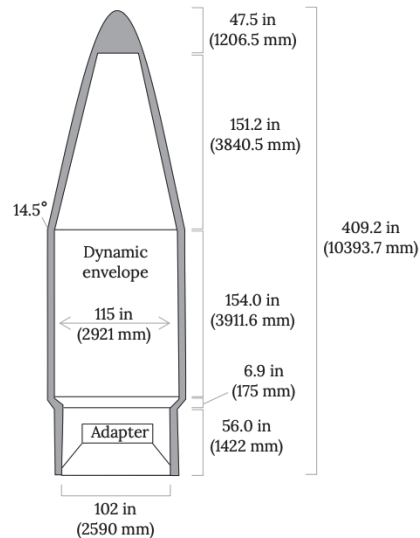
(a) Assembled Rocket

Length ----- Up to 144 ft (43.9 m)  
 Gross Mass ----- 362.2K lb (164.3K kg)  
 Thrust at Lift Off ----- 439.3K lb (1.95M N)



(b) Second Stage: Centaur

Structure Type ----- Monocoque  
 Structure Material ----- Pressure-stabilized stainless steel



(c) Payload and Fairing Assembly

Length ----- 34.1 ft (10.4 m)  
 Diameter ----- 10.8 ft (3.3 m)  
 Mass ----- 3,027 lb (1,373 kg)  
 Sections ----- 2  
 Structure ----- Skin-stringer clamshell  
 Material ----- Aluminum