

Atlas Agena B



Using the Atlas E or Atlas F missile as a first stage, the Atlas-Agena B featured an improved version of the Agena A as second stage. The Agena B was 23 feet, 7 inches long and 4 feet, 11 inches wide. It employed one Bell engine capable of producing a thrust of 16,000 pounds. Both the Model 8081 and Model 8096 versions of the Agena B engine burned IRFNA/UDMH liquid fuel. The Agena B was the first Agena to have multiple re-start capability, which added great versatility to its satellite applications. The entire vehicle was designed to carry a 5,780-pound payload to low-Earth orbit, a 750 pound payload to Earth-escape trajectory or a 450-pound payload to a Mars or Venus trajectory.

Length: 98 feet

Diameter: 10 feet

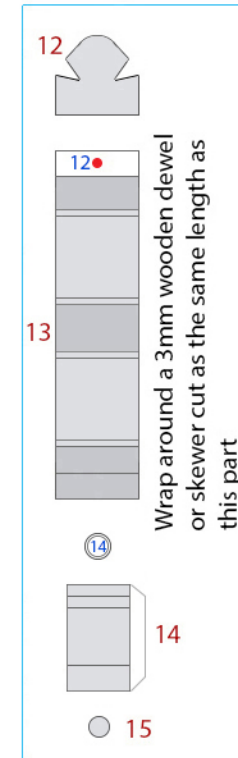
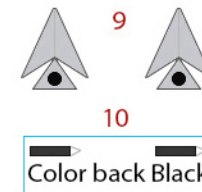
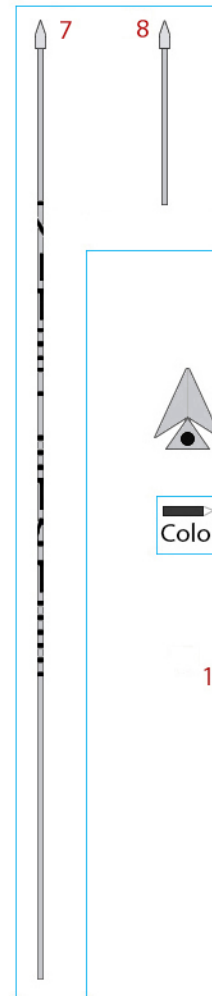
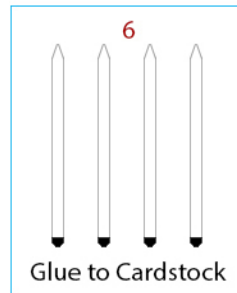
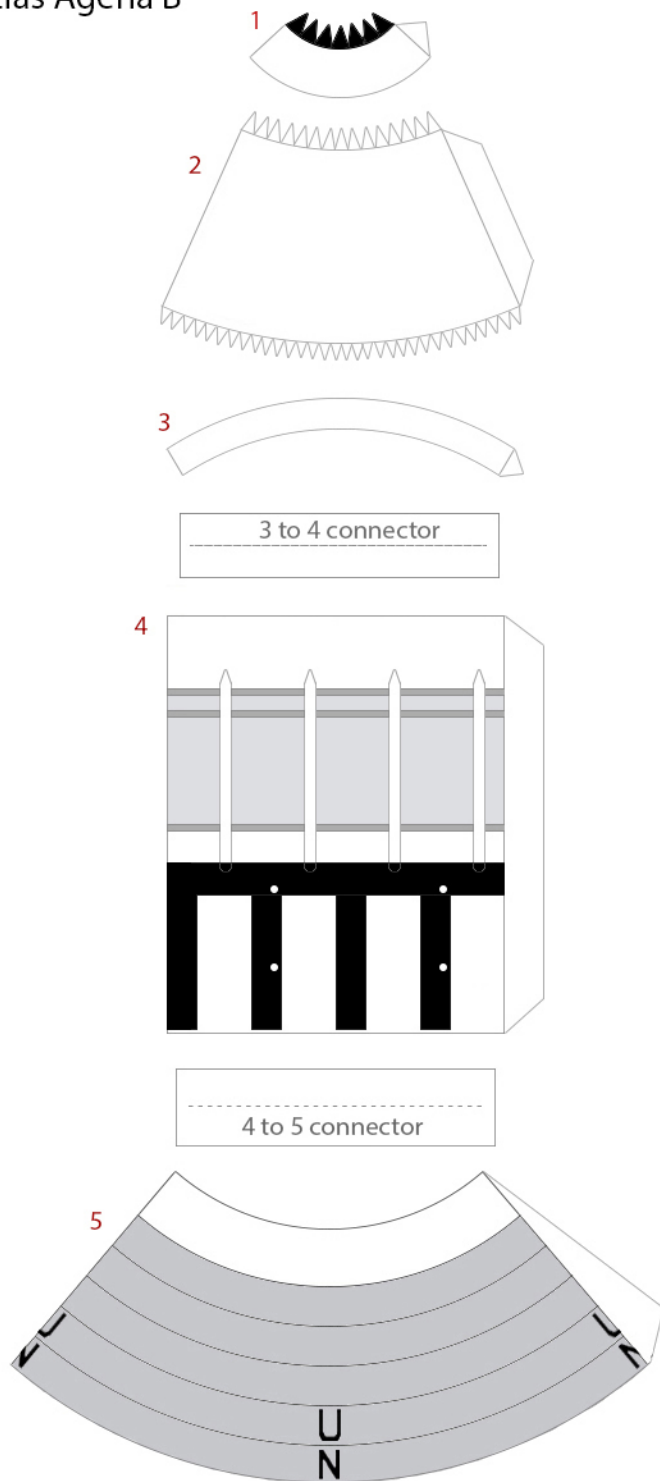
Date of First Cape Canaveral Launch: August 23, 1961

Date of Final Cape Canaveral Launch: June 6, 1966

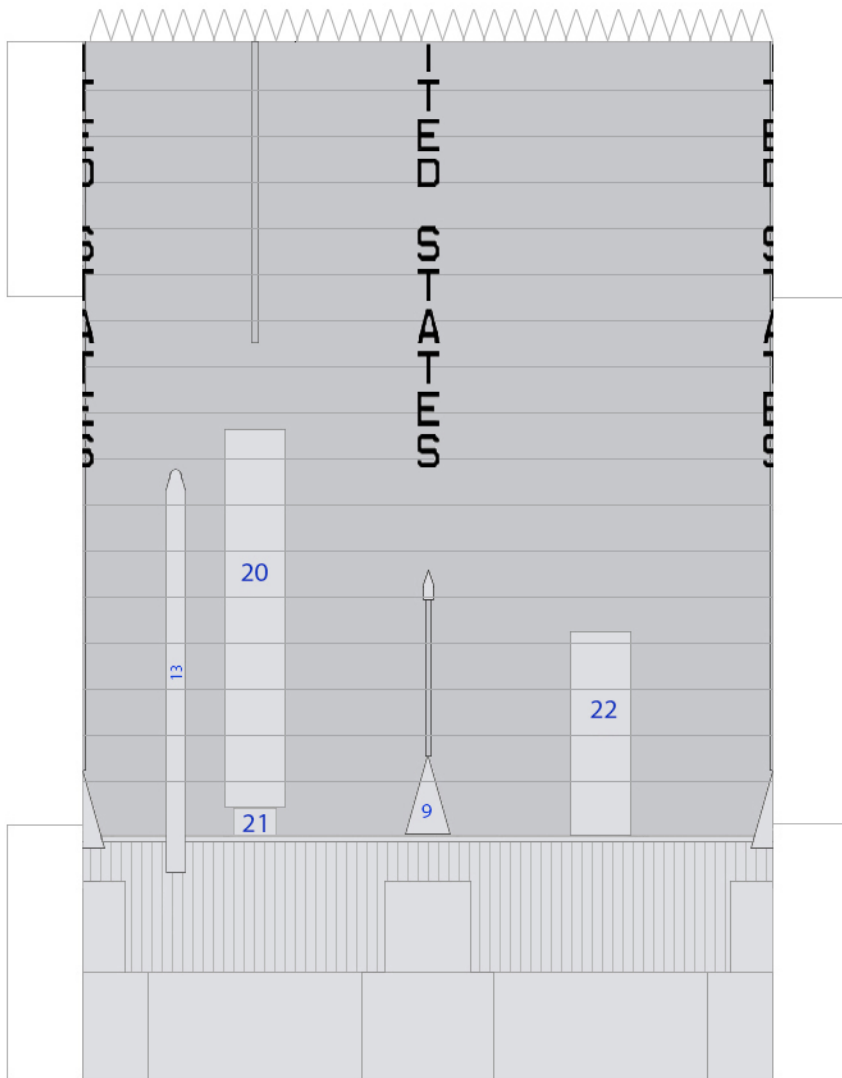
Number of Cape Canaveral Launches: 12



Atlas Agena B



16



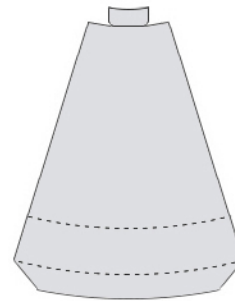
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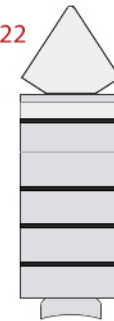
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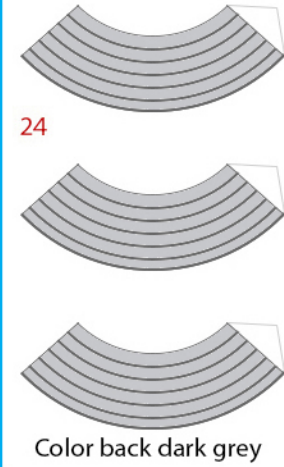
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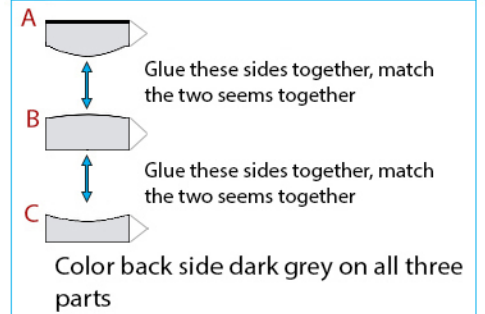
22



24



Color back dark grey



28

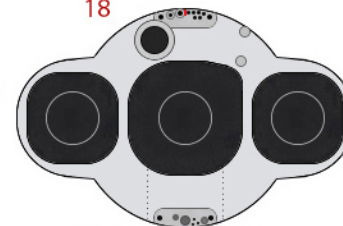


17

Inside Bottom former,
 glue to cardstock



18



Glue to cardstock