

Atlas Agena A



The Atlas-Agena A was a two-stage rocket using the Atlas D missile as a first stage and the Lockheed Agena A as a second stage. The Agena family of second stages originated in the Atlas-Hustler concept proposed by the U.S. Air Force. Since the Agena A was designed to be tailor manufactured for each flight, it proved impractical and was never used by NASA. The Agena A was 19 feet, 4 inches long and 4 feet, 11 inches wide. It employed a single-start Bell engine producing 15,200 pounds of thrust. The Bell engine was manufactured in two models for the Agena A. The Model 8001 version burned JP-4 jet fuel while the Model 8048 version burned IRFNA/UDMH liquid fuel. The total vehicle was capable of carrying a 5,000-pound payload to low-Earth orbit.

Length: 99 feet

Diameter: 10 feet

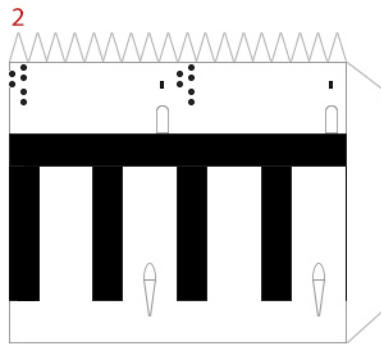
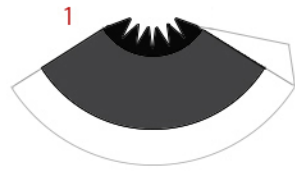
Date of First Cape Canaveral Launch: February 26, 1960

Date of Final Cape Canaveral Launch: May 24, 1960

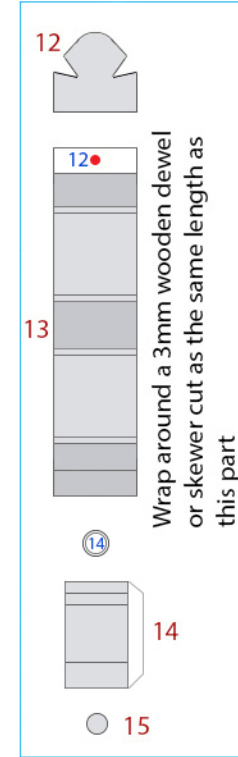
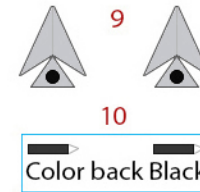
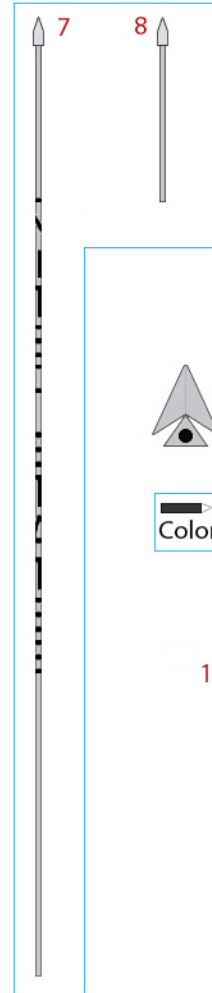
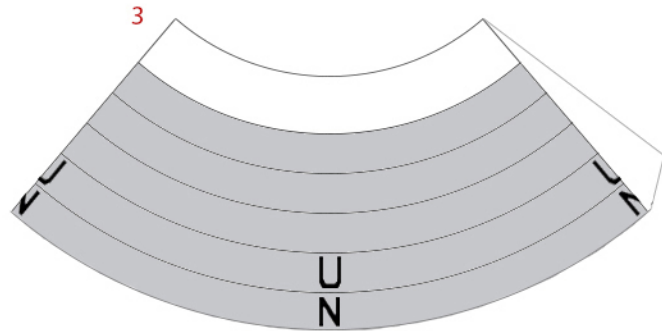
Number of Cape Canaveral Launches: 2



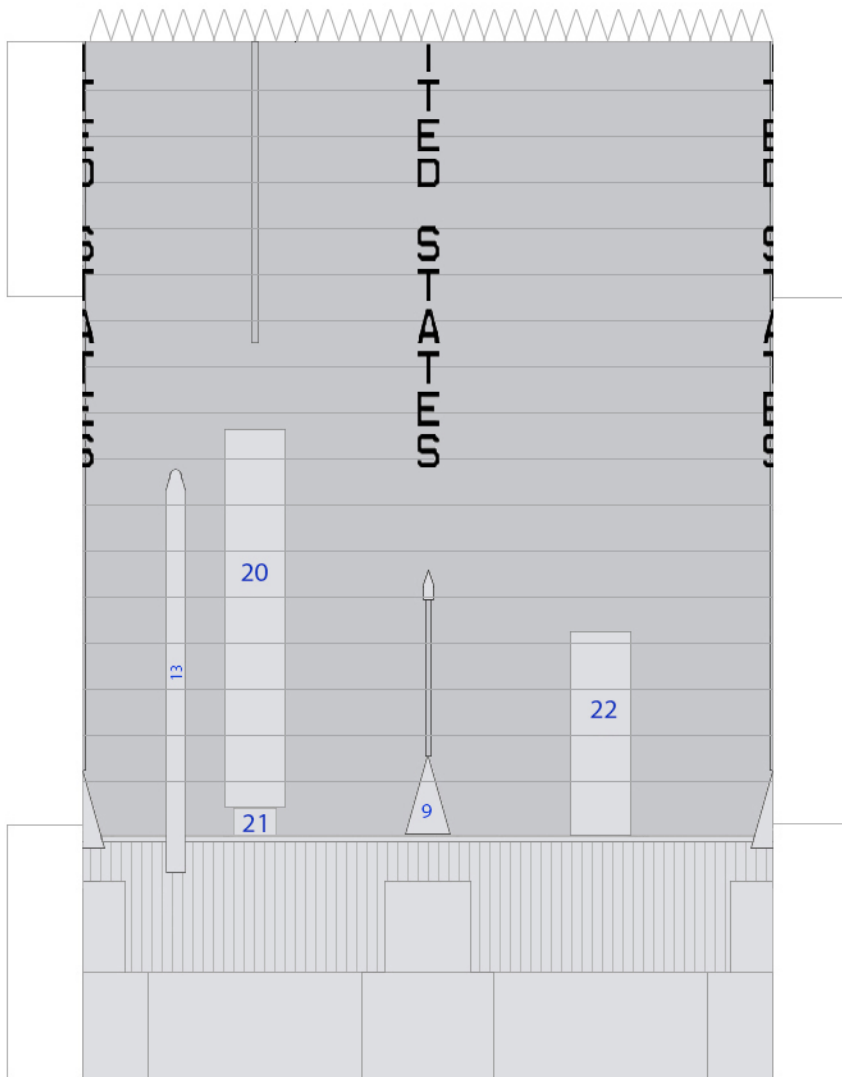
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2 to 3 connector



16



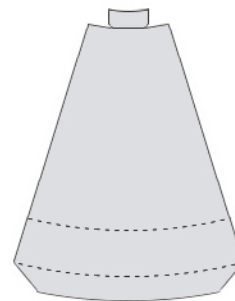
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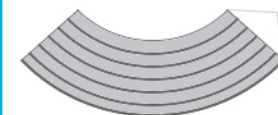
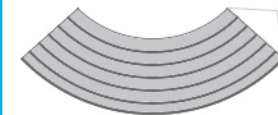
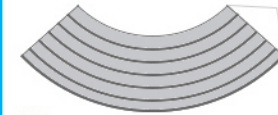
23



22



24



Color back dark grey

A



Glue these sides together, match the two seams together

B



Glue these sides together, match the two seams together

C



Color back side dark grey on all three parts

25

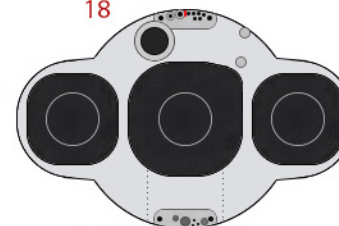


17

Inside Bottom former, glue to cardstock



18



Glue to cardstock