

Manufacturing Overview



Our Foundation: The cornerstone to detailed replication begins with research and dedication.

The Framework: Durable all welded aluminum alloy structure achieves a strong yet lightweight, corrosion resistant frame insuring lifetime longevity.

Ablative Shields: Produced from traditional fiberglass cloth and resin materials. Upon request the “blunt end” can be smooth finished or made to resemble a “re-entry” texture.

Appearance: Original Mercury and Gemini exterior surfaces were “shingled” with metal panels. The unique dimples and corrugations have been faithfully captured using industrial punch and die draw-forming methods.



Crew Compartment: Interiors can be left vacant, as well as, partially or fully furnished. Astronaut “flight” mannequins are also available.

Fasteners: Up to 1,800 various screws and washers are utilized during a typical capsule assembly.

Cosmetics: All surfaces finished to duplicate authentic color, tones and hues. Mission Project lettering, symbols and flags are accurately stenciled and hand painted.

