

Project

Penwal engineers and fabricates a stunningly accurate, full scale replica of the Saturn V Rocket that carried the Apollo Missions to the Moon.

The replica stands at over 360 feet tall.

Scope of Work

- Design Refinement
- Engineering
- Project Management
- Fabrication of Elements
- Craftsman finish
- Transportation
- Installation

Client

US Space and Rocket Center,
Huntsville, Alabama.



The 360-foot tall Saturn V Rocket Replica was engineered and fabricated by Penwal in 16 weeks.

Impress the World

Sixteen weeks before the US Space and Rocket Center was scheduled to open in Huntsville, Penwal received a unique request: Could we engineer, fabricate and install - **in 16 weeks or less** - an upright, full scale 360' totally accurate Saturn V rocket replica?

Penwal accepted the challenge and got to work. The replica was designed to meet numerous challenges: the museum was in an area known for tornadoes and hurricanes. The replica could not have support cables, and it had to be structured to support a gantry for a possible restaurant at its top.

Penwal completed the job with time to spare, handling all design, engineering, materials selection, fabrication, assembly and installation.



Installation crew at the base of one engine.



The replica is the tallest structure in Huntsville, Alabama.



Penwal oversaw installation of the replica in record time.