



Capability Statement

www.mahoganymodels.com | support@mahoganymodels.com

Mahogany Models, LLC handcrafts replica and custom aviation and aerospace models for federal and commercial clients. For over 20 years, Mahogany Models has meticulously and accurately carved and painted complex military and commercial aircraft, spacecraft, satellites, drones, rockets, and other aerospace equipment for display, training, award presentation, and executive gift giving. We are proud to have had our models presented at exhibitions, museums, and television shows worldwide.

Company Data

UEI: JABDWY26HS29 | CAGE CODE: 3CYT8

NAICS CODES:

- 453920 (Works of Art)
- 339930 (Doll, Toys, and Game Manufacturing)
- 541990 (Professional, Scientific, Technical Services)

We accept purchase and credit cards.

Competencies

Artisanal Woodwork

We handcraft models using solid mahogany wood. Each unique piece is meticulously carved and painted to meet client specifications, then lacquered to ensure up to 40 years of durability.

Research & Accuracy

We conduct detailed research on current and historical aircraft to create models to scale. Each replica goes through a 10-point quality control inspection to ensure all specifications are met.

Precise Replication

We guarantee accuracy in the aerodynamic design, specification, scale, and configuration of each model craft. The internal cockpit, landing gear, fuel tanks, propellers, and other equipment are also handmade using the finest materials.

Custom Specification

We bring ideas to life by creating prototypes of conceptual aircraft and aerospace vehicles. We study client-provided detailed sketches, renderings, dimensions, and other specifications to craft one-of-a-kind aerospace models.

Products

- Commercial Jets
- Military Aircraft
- Antique Airplanes
- Spacecraft
- Aerial Drones
- Satellites
- Missiles & Rockets
- Experimental Aircraft
- Conceptual Aerospace Vehicles
- Aerospace Equipment
- Display Cases & Stands
- Decorative Plaques

Differentiators

- Mahogany Models are works of art that are made-to-order. We create models up to 14 feet in length--the largest in the industry. Each piece is solid mahogany, handcrafted, and custom painted--no stickers, decals, or glue are used.
- 40 years of airline pilot and naval aviation experience guarantees precision detailing.
- Pictures of the woodworking process prior to shipping, regular project status updates, and a 10-point quality control inspection ensure customer satisfaction.



Current Certifications

Service-Disabled Veteran-Owned Small Business (SDVOSB)

Primary Contact

Dr. Paul Thompson
President
(678) 357-7885

Address

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Stockbridge, GA 30281

Past Performance

Mahogany Models is proud to have served several federal, commercial, and private clients. We have a proven track record of supplying products that meet the most stringent specifications. To highlight Mahogany Models' diverse experience, select performance is provided below:

Federal Past Performance

Prime Contractor for: United States Air Force

Period/Place of Performance: 2017-2018, Remote

Total Contract Amount: \$16,100

Description: Created five historical aircraft, including the World War II Boeing B-29 Superfortress, for the Charleston Air Force Base aviation and aerospace museum's heritage display. | Handcrafted multiple educational models (including Falcon 9 Rockets, a GPS 3A Airborne Receiver, and Advanced Extremely High Frequency Satellites) and custom display cases for the Los Angeles Air Force Base.

Prime Contractor for: National Aeronautics and Space Administration (NASA)

Period/Place of Performance: 2004 & 2017, Remote

Total Contract Amount: \$32,400

Description: Reproduced several rockets, telescopes, and lunar vehicles for display. Crafted prototypes for various experimental aircraft and met NASA's highly-technical specifications.

Notable Commissions

Prime Contractor for: Organization of Black Aerospace Professionals (OBAP)

Period/Place of Performance: 2026, Remote

Total Contract Amount: \$5,300

Description: Handcrafted a 24-model commission for OBAP's Annual Conference, commemorating the organization's 50th anniversary. Completed August 2026.

Prime Contractor for: The White House

Period/Place of Performance: 2012, Remote

Total Contract Amount: \$1,300

Description: Custom crafted 2-foot models of the Presidential airplane (Air Force One) and the Presidential helicopter (Marine One) as gifts for President Barack Obama and First Lady Michelle Obama.

Prime Contractor for: Singapore Aerospace Technology and Engineering Conference

Period/Place of Performance: 2009, Remote

Total Contract Amount: \$14,000

Description: Created a 14-foot, 300-pound Boeing 777 and several other commercial jets for display at the international Singapore Aerospace Technology and Engineering Conference.

Prime Contractor for: ST Engineering

Period/Place of Performance: 2007-2010, Remote

Total Contract Amount: \$55,300

Description: Custom crafted rehabilitated and converted aircraft, such as passenger jets that had been reconstructed to be cargo airplanes.

Prime Contractor for: Aurora Flight Sciences

Period/Place of Performance: 2007, Remote

Total Contract Amount: \$5,000

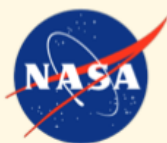
Description: Reproduced the GoldenEye-50 unmanned aerial vehicle (UAV) and other drones for Army and Navy displays. Handcrafted a gift for the outgoing United States Under Secretary of the Air Force.

Prime Contractor for: Cable News Network (CNN)

Period/Place of Performance: 2003, Remote

Total Contract Amount: \$4,100

Description: Crafted and hand-delivered coalition aircraft to be displayed on-air and discussed by famed CNN correspondent Wolf Blitzer in the War Room during the Persian Gulf War.



ST Engineering

