

Italeri 550113

Italeri Caproni Ca. 311 Model Kit Instruction Manual

Vintage Collection: Italian Bomber - Model 550113

1. INTRODUCTION

This manual provides detailed instructions for the assembly and care of your Italeri Vintage Collection Caproni Ca. 311 Italian Bomber model kit. This kit is a faithful reproduction of the original 1975 release, offering a unique building experience for enthusiasts. The Caproni Ca. 311 was a significant twin-engine reconnaissance aircraft used by the Italian air force, representing an advancement in aviation technology during its era.



Image 1.1: Front view of the Italeri Caproni Ca. 311 model kit box, showcasing the aircraft illustration and vintage collection branding.

2. KIT CONTENTS

Your Italeri Caproni Ca. 311 model kit includes the following components:

- Plastic sprues containing all model components.
- Decal sheet for authentic markings.
- Assembly instruction booklet.
- Four pilot/crew figures.

Please note: Paint and glue are not included and must be purchased separately.



Image 2.1: Side view of the Italeri Caproni Ca. 311 model kit box, highlighting the 'Vintage Collection' and 'Limited Edition' details.

3. SETUP: ASSEMBLY PREPARATION

Before beginning assembly, ensure you have the necessary tools and a clean, well-lit workspace. Proper preparation will enhance your building experience and the final quality of your model.

Required Tools:

- Plastic model cement (glue)
- Hobby knife or sprue cutters
- Fine-grit sandpaper or sanding sticks
- Tweezers
- Paints (acrylic or enamel, as desired for finishing)
- Small brushes for painting
- A cutting mat to protect your work surface

Workspace:

Set up your workspace in a well-ventilated area. Ensure good lighting to clearly see small parts and details. Keep all tools organized and within easy reach.

4. OPERATING: ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the included assembly instruction booklet carefully. The following general guidelines will assist you throughout the building process.

1. **Part Preparation:** Carefully remove parts from the sprues using a hobby knife or sprue cutters. Clean any excess plastic (flash) from the parts with a hobby knife or sandpaper.
2. **Dry Fit:** Before applying glue, dry-fit parts to ensure proper alignment and fit. This helps prevent errors and ensures a smooth assembly.
3. **Gluing:** Apply a small amount of plastic cement to the joining surfaces. Hold parts together firmly until the glue sets. Allow adequate drying time between steps as indicated by your chosen adhesive.
4. **Sub-Assemblies:** Assemble major components such as the fuselage halves, wings, and engine nacelles as separate sub-assemblies before joining them to the main structure. Pay close attention to the finely engraved panel lines and highly detailed engine components during assembly.
5. **Painting:** Paint components according to the recommended color scheme or your preference. It is often easier to paint smaller parts or sub-assemblies before final attachment. Ensure paint is fully dry before handling or applying decals.
6. **Decals:** Apply decals after painting and a clear gloss coat. Cut decals close to the image, dip in water, and slide onto the model. Use decal setting solutions for best results, helping decals conform to surface details. Authentic markings for four versions are included.
7. **Final Assembly:** Attach landing gear, propellers, antennas, and other small details. Install the four included figures into the cockpit or gunner positions as desired.

5. MAINTENANCE

Proper care and maintenance will preserve the appearance and integrity of your assembled model for years to come.

Cleaning:

- Dust the model regularly with a soft, dry brush or a can of compressed air.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage paint and plastic.

Storage:

- Store the model in a cool, dry place away from direct sunlight to prevent fading of paint and decals, and to avoid warping of plastic components.
- A display case can provide excellent protection from dust and accidental damage.

6. TROUBLESHOOTING

Encountering minor issues during model assembly is common. Here are solutions to some frequent challenges:

- **Parts not fitting correctly:** Ensure all flash (excess plastic) is completely removed from the parts. Always dry-fit parts before applying glue. If necessary, gently sand mating surfaces for a better fit.
- **Gaps between parts:** For small gaps, use plastic filler putty. Apply, allow to dry, then sand smooth before painting. For larger gaps, plastic shims may be required.
- **Decal silvering (air trapped under decals):** Apply decals to a glossy surface. Use decal setting solutions to help decals conform to surface details and eliminate trapped air bubbles. Puncture stubborn bubbles with a fine needle and reapply setting solution.
- **Paint issues (e.g., brush marks, uneven coverage):** Ensure surfaces are clean and dry before painting. Apply thin, even coats of paint rather than one thick coat. Allow each coat to dry thoroughly.

before applying the next.

7. SPECIFICATIONS

Feature	Detail
Model Name	Caproni Ca. 311 Italian Bomber
Model Number	550113
Brand	Italeri
Scale	1/72nd
Material	Plastic
Number of Pieces (Kit)	1 (complete kit)
Dimensions (Box L x W x H)	6.42 x 8.86 x 2.02 inches (16.3 x 22.5 x 5.1 cm)
Item Weight (Box)	10.6 ounces (300 grams)
Recommended Age	14 years and up
Key Features	Finely engraved panel lines, highly detailed engine, authentic markings for four versions, four figures included.

8. WARRANTY AND SUPPORT

Italeri model kits are manufactured to high standards. In the unlikely event of missing or defective parts, please contact Italeri customer support directly for assistance. Refer to the contact information provided on the product packaging or the official Italeri website for the most current support details.

For general modeling tips, techniques, and community support, consider visiting online modeling forums or local hobby shops.