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TAMIYA TAM61027

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Model: TAM61027

INTRODUCTION

Thank you for purchasing the TAMIYA 1/48 A6M5C Type 52 Zero Fighter plastic model kit. This manual provides comprehensive instructions for the assembly, painting, and care of your model. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable building experience.



Image: The fully assembled TAMIYA 1/48 A6M5C Type 52 Zero Fighter model, showcasing its detailed design, complete with a pilot figure in the cockpit and a group of ground crew figures standing beside the aircraft. The model features a green and grey camouflage scheme with Japanese Hinomaru markings.

SAFETY INFORMATION

- **Small Parts:** This kit contains small parts that may pose a choking hazard. Keep out of reach of small children.
- **Sharp Tools:** Assembly requires the use of sharp tools such as hobby knives and nippers. Exercise caution to prevent injury.
- **Adhesives and Paints:** Use adhesives and paints in a well-ventilated area. Refer to the manufacturer's safety data sheets for specific product warnings. Avoid prolonged skin contact and inhalation of fumes.

- **Eye Protection:** Consider wearing eye protection during cutting and sanding operations.

Kit Contents

Your TAMIYA 1/48 A6M5C Type 52 Zero Fighter model kit includes the following components:

- Plastic Model Kit parts for the aircraft
- Seven Figures (pilot and ground crew)
- Seven Marking Options (decals for various aircraft)
- Instruction Manual (this document)

Preparation and Tools

Recommended Tools:

- Hobby Nippers/Side Cutters: For cleanly removing parts from sprues.
- Hobby Knife/Razor Blade: For trimming excess plastic and fine detailing.
- Plastic Cement/Glue: Specifically designed for plastic models.
- Sandpaper/Sanding Sticks: Various grits (e.g., 400, 800, 1200) for smoothing parts.
- Tweezers: For handling small parts and decals.
- Paint Brushes/Airbrush: For painting (refer to Painting Guide).
- Masking Tape: For precise painting.

Preparation Steps:

1. **Read Instructions:** Familiarize yourself with the entire manual before starting.
2. **Organize Parts:** Keep parts on their sprues until needed. Refer to the parts diagram for identification.
3. **Clean Parts:** Wash plastic parts with mild soap and water to remove mold release agents, then air dry.

Assembly Instructions

Follow the numbered steps in the included diagram sheets for precise assembly. The following provides general guidance for key sections:

1. Cockpit Assembly:

- Assemble the pilot's seat, control stick, instrument panel, and other interior details.
- Paint cockpit components before assembly for best results.
- Attach the pilot figure if desired.

2. Fuselage Assembly:

- Join the fuselage halves, ensuring the cockpit assembly is correctly positioned inside.
- Secure with plastic cement. Allow adequate drying time.
- Attach the engine cowling and tail sections.

3. Wing Assembly:

- Assemble the upper and lower wing sections.
- Attach the main landing gear bays and armament.

- Carefully attach the completed wing assembly to the fuselage.

4. Landing Gear and Propeller:

- Assemble the landing gear struts and wheels. The kit allows for adjustable landing gear positions (extended or retracted).
- Attach the propeller blades to the spinner and then to the engine shaft.

5. Decal Application:

- Ensure the painted surface is smooth and glossy for best decal adhesion.
- Cut out each decal carefully. Dip in lukewarm water for 10-20 seconds until it slides freely.
- Slide the decal onto the model surface. Position it gently with tweezers.
- Blot excess water with a soft cloth. Use decal setting solutions for irregular surfaces.

PAINTING GUIDE

Refer to the included painting guide sheet for specific color schemes and decal placement for the seven marking options. TAMIYA recommends using enamel or acrylic paints for this model.

General Painting Tips:

- **Primer:** Apply a thin coat of primer for better paint adhesion and a uniform finish.
- **Thin Coats:** Apply multiple thin coats of paint rather than one thick coat to preserve detail.
- **Masking:** Use masking tape to create sharp lines between different colors.
- **Weathering:** After painting and decaling, consider applying weathering effects (e.g., panel line washes, exhaust stains) to enhance realism.

DISPLAYING YOUR MODEL

Once assembly and painting are complete, your TAMIYA A6M5C Type 52 Zero Fighter is ready for display. Choose a stable, level surface away from direct sunlight and excessive heat to prevent damage or fading.

CARE AND MAINTENANCE

- **Cleaning:** Dust your model regularly with a soft, dry brush or a gentle air blower. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Handle the model by its sturdy sections (e.g., fuselage, main wings) to avoid damaging delicate parts like antennas, landing gear, or propeller blades.
- **Storage:** If storing the model, place it in a protective display case or box to prevent dust accumulation and accidental damage.

TROUBLESHOOTING

- **Parts Not Fitting:** Ensure parts are correctly oriented. Lightly sand mating surfaces if there is excess plastic or flash. Test fit parts before applying glue.
- **Gaps After Gluing:** Use a small amount of plastic putty or filler to fill any noticeable gaps, then sand smooth once dry.
- **Decals Not Adhering:** Ensure the surface is clean and glossy. Use decal setting solution to help decals conform to irregular surfaces and adhere better.

- **Paint Issues:** If paint appears uneven or thick, ensure it is properly thinned and applied in multiple light coats. Allow sufficient drying time between coats.

SPECIFICATIONS

Feature	Detail
Model Name	TAM61027
Brand	TAMIYA
Scale	1:48
Material	Plastic
Item Dimensions (L x W x H)	7.6 x 1.9 x 11.5 inches
Item Weight	1 Pound
Included Components	Plastic Model Kit, Seven Figures, Seven Marking Options
Additional Features	Detailed armament, adjustable canopy and landing gear positions
Recommended Paint Type	Enamel or acrylic

WARRANTY INFORMATION

This TAMIYA product comes with a limited warranty covering manufacturing defects only. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty coverage and procedures, please contact TAMIYA customer support.

CUSTOMER SUPPORT

For further assistance, questions regarding assembly, or to report missing/damaged parts, please contact TAMIYA customer support. You can typically find contact information on the TAMIYA official website or through your local distributor.

TAMIYA Official Website: www.tamiya.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question