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› [Trumpeter P40B/C Warhawk Fighter Model Kit \(1/72 Scale\) Instruction Manual](#)

Trumpeter TSM-1632

Trumpeter P40B/C Warhawk Fighter Model Kit

1/72 Scale - Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for assembling the Trumpeter P40B/C Warhawk Fighter model kit, 1/72 scale. This kit is designed for hobbyists with a skill level of 2, recommended for ages 12 and up. It consists of 37 precision-molded plastic parts on 3 sprues, allowing for the creation of a historically accurate replica.

Please read all instructions carefully before beginning assembly. Paint and glue are not included in this kit and must be purchased separately.



Illustration of the Trumpeter P40B/C Warhawk Fighter model, showcasing its detailed design and potential finished

appearance.



The Trumpeter P-40B/C Warhawk model kit packaging, providing a visual reference for the product.

2. SETUP AND ASSEMBLY

2.1 Required Tools and Materials (Not Included)

- Hobby knife or sprue cutters
- Plastic cement (model glue)
- Fine-grit sandpaper or sanding sticks
- Tweezers
- Paints (acrylic or enamel, as per marking guide)
- Paintbrushes or airbrush
- Decal setting solution (optional)

2.2 Assembly Steps

1. Carefully remove parts from the sprues using a hobby knife or sprue cutters. Trim any excess plastic (flash) from the parts.
2. Dry-fit parts before applying glue to ensure proper alignment and fit.
3. Apply plastic cement sparingly to the mating surfaces and hold parts together until the glue sets.
4. Follow the numbered steps in the included assembly diagram (not provided in this document) for the correct sequence of construction.
5. Allow sufficient drying time for all glued parts before proceeding to the next step.
6. Pay close attention to small and delicate parts, such as landing gear and antennae.

3. OPERATING (PAINTING AND DECALING)

Once the model is fully assembled, it is ready for painting and decaling to achieve the desired historical

markings.

3.1 Painting

Refer to the included painting and marking guide for specific color schemes and placement. The kit provides markings for three historical aircraft:

- 3rd Squadron, China
- 154th IAP Soviet Naval Aviation, 1942
- (Tomahawk I) RAF 349 Squadron, West Africa, 1943

Apply paint in thin, even coats to avoid obscuring fine details. Allow each coat to dry thoroughly before applying the next.



Painting and marking guide sheets, illustrating various camouflage patterns and decal positions for different historical aircraft.

3.2 Decaling

The kit includes a decal sheet with all necessary markings. Follow these steps for decal application:

1. Ensure the painted surface is clean and smooth. A gloss clear coat can aid decal adhesion.
2. Carefully cut out each decal from the sheet, trimming as close to the edge of the design as possible.
3. Dip the decal in lukewarm water for 10-20 seconds until it slides freely on its backing paper.
4. Gently slide the decal onto the desired position on the model. Use tweezers for precise placement.
5. Blot away excess water with a soft cloth or cotton swab.
6. Use decal setting solution (optional) to help the decal conform to surface details and eliminate silvering.
7. Allow decals to dry completely before handling the model. A final matte or gloss clear coat can protect the decals.



The decal sheet provided with the kit, offering various markings for different historical versions of the P40B/C Warhawk.

4. MAINTENANCE

Proper care will preserve the appearance of your finished model.

- **Cleaning:** Dust the model regularly with a soft, dry brush or a can of compressed air. Avoid using water or chemical cleaners, as these may damage paint or decals.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent fading and warping. Display cases can protect against dust and accidental damage.
- **Handling:** Handle the model by its sturdy parts, such as the fuselage or wings, to avoid breaking delicate components like landing gear or antennae.

5. TROUBLESHOOTING

Encountering issues during model assembly is common. Here are solutions to frequent problems:

- **Parts Not Fitting:** Ensure all sprue gates and flash are completely removed. Dry-fit parts before gluing. If a part is slightly warped, gentle heat (e.g., from warm water) can sometimes help reshape it.
- **Gaps Between Parts:** Small gaps can be filled with plastic putty or stretched sprue. Sand smooth once dry.
- **Decal Silvering:** This occurs when air is trapped under the decal, making it look silvery. Apply a gloss coat before decaling and use decal setting solution to help the decal conform to the surface. Puncture tiny bubbles with a sharp needle and apply more setting solution.
- **Paint Adhesion Issues:** Ensure the plastic surface is clean and free of oils or mold release agents. Wash parts with mild soap and water, then rinse and dry thoroughly before painting.

6. SPECIFICATIONS

Brand	Trumpeter
Model Number	TSM-1632
Product Name	P40B/C Warhawk Fighter
Scale	1/72

Material	Plastic
Number of Parts	37 (on 3 sprues)
Skill Level	2
Recommended Age	12 years and up
Approximate Box Dimensions (L x W x H)	8 x 5 x 2 inches
Manufacturer	Stevens International

7. WARRANTY INFORMATION

Specific warranty information for this Trumpeter model kit is not provided in the product details. For any inquiries regarding manufacturing defects or missing parts, please contact the retailer where the kit was purchased or the manufacturer directly.

8. CUSTOMER SUPPORT

For technical assistance, questions about assembly, or to report missing/damaged parts, please reach out to the manufacturer, Trumpeter, or their distributor, Stevens International. Contact details can typically be found on the product packaging or their official websites.