

Revell 54724

Revell 1:72 Supermarine Spitfire Mk V Model Kit Instruction Manual

Model Number: 54724

1. INTRODUCTION

This instruction manual provides detailed guidance for assembling the Revell 1:72 Supermarine Spitfire Mk V plastic model kit. The Supermarine Spitfire Mk V was a British single-seat fighter aircraft used by the Royal Air Force and other Allied countries during World War II. This kit allows for the creation of a detailed replica of this iconic aircraft. Please read all instructions carefully before beginning assembly.



Illustration depicting the Supermarine Spitfire Mk V in flight. This image provides an artistic representation of the completed model's appearance.

2. SAFETY INFORMATION

Always prioritize safety during model assembly. This kit contains small parts that may pose a choking hazard for young children. Keep all components and tools out of reach of children under 3 years of age. Use model glue and paints in a well-ventilated area. Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists. Always use a hobby knife or other cutting tools with extreme caution to prevent injury.

3. PACKAGE CONTENTS

Before starting, verify that all components listed below are present in your kit. If any parts are missing or damaged, please contact Revell customer support.

- 39 individual plastic parts for the aircraft model
- Detailed cockpit components
- Detailed landing gear components
- Rotating propeller assembly
- Authentic decal set
- Assembly instructions (this manual)



The Revell 1:72 Supermarine Spitfire Mk V Model Kit box, showing the included components and packaging.

4. TOOLS AND MATERIALS REQUIRED (NOT INCLUDED)

For optimal assembly and finish, the following tools and materials are recommended:

- **Hobby Knife or Sprue Cutters:** For carefully removing parts from the sprue.
- **Plastic Model Cement:** Specifically designed for bonding plastic model parts.
- **Fine Sandpaper or Files:** For cleaning mold lines and smoothing parts.
- **Tweezers:** For handling small parts and applying decals.
- **Model Paints:** Acrylic or enamel paints suitable for plastic models, in appropriate colors for the Spitfire Mk V.
- **Paint Brushes:** Various sizes for detailed painting.
- **Decal Setting Solution:** To help decals conform to surfaces and reduce silvering.

5. SETUP

Prepare your workspace before beginning assembly:

1. **Clean and Well-Lit Area:** Ensure your work surface is clean, flat, and well-lit to prevent loss of small parts and aid visibility.
2. **Ventilation:** If using glues or paints, ensure the area is well-ventilated to disperse fumes.
3. **Organize Parts:** Carefully open the plastic bags containing the parts. Do not remove parts from the sprues until instructed. Familiarize yourself with the parts layout.
4. **Read Instructions:** Review the entire instruction manual, including painting and decal guides, before starting assembly. This helps in understanding the overall process and planning your steps.

6. ASSEMBLY INSTRUCTIONS

Follow these steps sequentially for proper assembly. Test-fit parts before applying glue.

6.1. Cockpit Assembly

- Carefully remove cockpit floor, seat, control stick, and instrument panel parts from the sprue using a hobby knife or sprue cutters.
- Clean any excess plastic (flash) from the parts using a hobby knife or fine sandpaper.
- Paint cockpit interior parts according to the color guide provided in the kit. Allow paint to dry completely.
- Assemble the cockpit components, ensuring proper alignment, and secure with plastic cement.

6.2. Fuselage Assembly

- Glue the assembled cockpit into one half of the fuselage. Ensure it is seated correctly.
- Attach any internal fuselage details, such as bulkheads or exhaust pipes, as indicated in the instructions.
- Join the two fuselage halves together. Apply plastic cement sparingly along the mating surfaces. Hold firmly until the glue sets, or use clamps if necessary.
- Allow the fuselage to dry thoroughly. Sand any seams smooth once dry.

6.3. Wing Assembly

- Assemble the upper and lower wing sections. Pay attention to the dihedral (upward angle) of the wings.
- Attach any landing gear bays or weapon pylons to the lower wing section before joining the halves.
- Glue the wing assembly to the fuselage, ensuring a tight fit. Fill any gaps with model putty if needed, and sand smooth.

6.4. Tail Section and Propeller

- Attach the horizontal and vertical stabilizers to the tail section of the fuselage.
- Assemble the propeller blades to the spinner and shaft. Ensure the propeller can rotate freely if desired.
- Attach the propeller assembly to the front of the fuselage.

6.5. Landing Gear and Final Details

- Assemble the landing gear struts and wheels. Paint them appropriately.

- Attach the landing gear to the wing underside.
- Add smaller details such as antennas, pitot tubes, and the canopy. Mask the canopy before painting the aircraft.



A fully assembled and painted Revell 1:72 Supermarine Spitfire Mk V model, showcasing the final appearance after following the assembly and finishing steps.

7. PAINTING AND DECALS

7.1. Painting

- Refer to the painting guide included in your kit for specific color schemes and camouflage patterns for the Supermarine Spitfire Mk V.
- Apply paint in thin, even coats. Multiple thin coats are better than one thick coat.
- Allow each coat of paint to dry completely before applying the next or handling the model.
- Consider applying a gloss clear coat before decals to provide a smooth surface and prevent silvering.

7.2. Decal Application

- Cut out each decal individually, as close to the image as possible without cutting into the design.
- Dip the decal in lukewarm water for 10-20 seconds until it slides freely on its backing paper.
- Carefully slide the decal onto the desired position on the model using tweezers.
- Gently blot away excess water with a soft cloth or cotton swab.
- Use decal setting solution to help the decal conform to panel lines and irregular surfaces.
- Once decals are dry, apply a matte or satin clear coat to protect them and unify the finish.

8. MAINTENANCE

Once assembled and painted, your Revell Supermarine Spitfire Mk V model requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust the model regularly with a soft, dry brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials, which can damage paint and decals.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent fading of paints and decals. 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 antennas or landing gear.

9. TROUBLESHOOTING

Here are solutions to common issues encountered during model assembly:

- **Parts Not Fitting:** Ensure all mold lines and flash are removed. Test-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:** Use model putty to fill any noticeable gaps after gluing. Once dry, sand the putty smooth and repaint the area.
- **Paint Issues (Uneven, Streaky):** Ensure paint is properly thinned and applied in multiple thin coats. Allow sufficient drying time between coats.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply decals to a gloss surface. Use decal setting solution to help the decal conform and eliminate air bubbles. Puncture tiny bubbles with a sharp needle and apply more setting solution.
- **Broken Small Parts:** If a small part breaks, attempt to re-glue it with a strong plastic cement or super glue. For very delicate parts, consider replacing them with stretched sprue or wire if possible.

10. SPECIFICATIONS

Feature	Detail
Brand	Revell
Model Number	54724
Scale	1:72
Aircraft Type	Supermarine Spitfire Mk V
Number of Parts	39
Material	Plastic
Recommended Age	Adult (Manufacturer recommended age: 3 years and up, but complexity suggests adult supervision or older children)
Product Dimensions (L x W x H)	9.06 x 1.18 x 10.63 inches
Item Weight	7.4 ounces (0.21 Kilograms)

11. WARRANTY AND SUPPORT

Revell products are manufactured to high-quality standards. If you encounter any issues with missing or defective parts, please contact Revell customer support directly. Keep your proof of purchase. For further assistance or inquiries, please visit the official Revell website or contact their customer service department. Specific warranty details may vary by region and product.

