

Revell 80-3927

Revell of Germany Spitfire Mk. IXC Model Kit Instruction Manual

Model Number: 80-3927

1. INTRODUCTION

This instruction manual provides detailed guidance for assembling and maintaining your Revell of Germany Spitfire Mk. IXC model kit. Designed for experienced model builders, this kit offers a high level of detail and accuracy.

Please read all instructions carefully before beginning assembly.

The Supermarine Spitfire Mk. IXC was a pivotal fighter aircraft during World War II, known for its agility and combat effectiveness. This model kit allows you to recreate a detailed replica of this iconic aircraft.



Image 1.1: Fully assembled Revell of Germany Spitfire Mk. IXc model. This image displays the completed model from an elevated side view, showcasing its camouflage paint scheme, roundels, and detailed landing gear.

2. SETUP AND ASSEMBLY

The Revell Spitfire Mk. IXc kit is rated at Skill Level 5, indicating a challenging build suitable for advanced modelers. It contains approximately 154 parts. Assembly requires precision, patience, and specialized tools (not included).

2.1 Required Tools and Materials (Not Included)

- Plastic cement or glue suitable for model kits
- Hobby knife or sprue cutters
- Fine-grit sandpaper or sanding sticks
- Tweezers for small parts
- Paint and brushes (acrylic or enamel, as per desired finish)
- Decal setting solution

2.2 Assembly Steps Overview

Refer to the detailed, color-coded instruction booklet included in your kit for step-by-step assembly. The following are key areas of focus:

1. **Cockpit Assembly:** Begin with the detailed cockpit, including the instrument panel and pilot's seat. Ensure all small components are securely attached.
2. **Fuselage and Wing Construction:** Assemble the fuselage halves and attach the detailed Mk. IXc wings. Pay close attention to alignment for a seamless fit. The wings include provisions for guns.
3. **Engine Cowling and Propeller:** Construct the engine cowling and attach the rotating 4-blade propeller.

4. **Undercarriage:** Assemble the detailed undercarriage components. Ensure they are robust enough to support the finished model.
5. **Optional Components:** Attach optional bomb loads as desired.
6. **Painting and Decals:** Follow the painting guide for accurate color schemes. Apply the included decals for Royal Canadian Air Force and Royal Air Force versions using decal setting solution for a smooth finish.

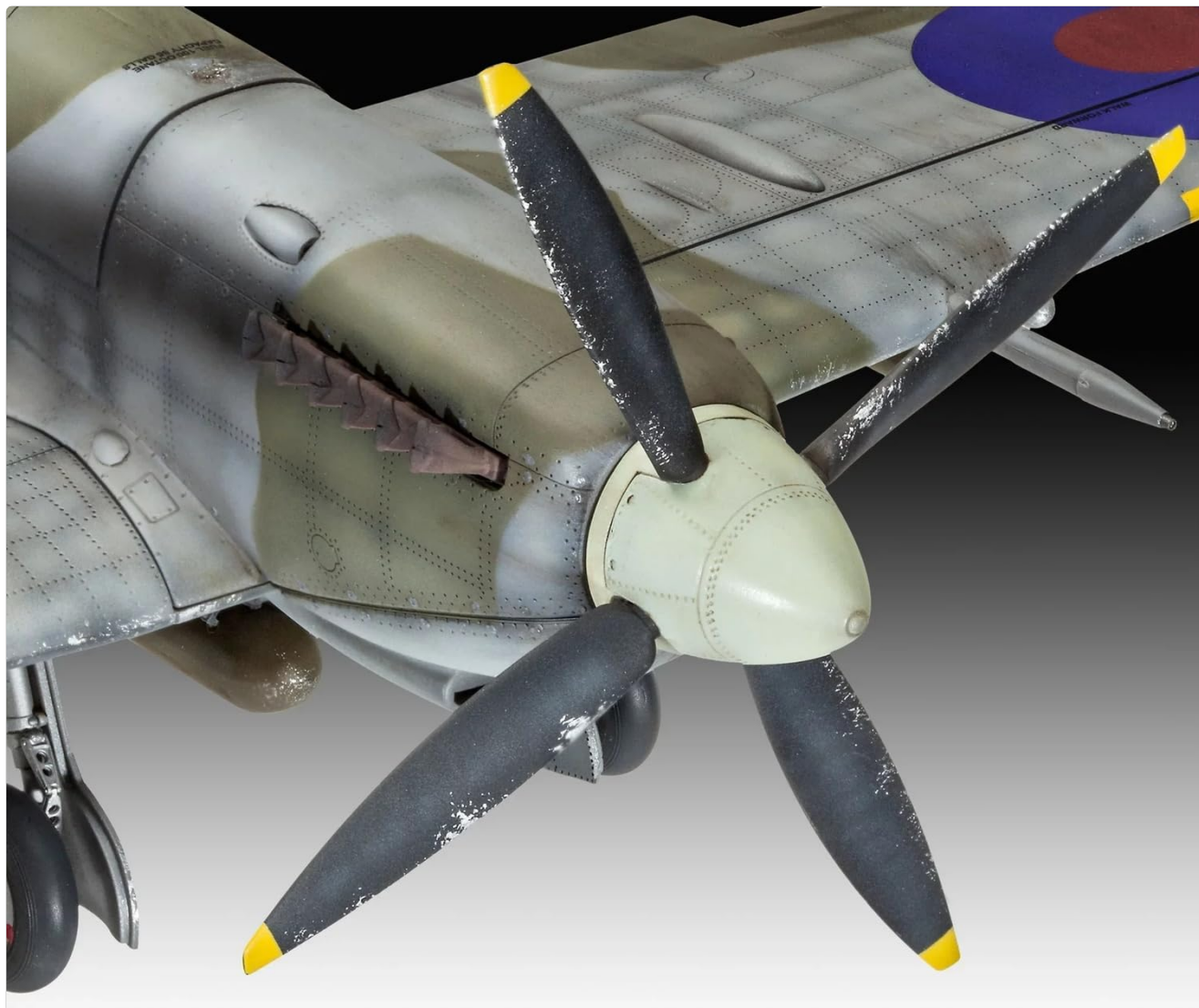


Image 2.1: Close-up view of the detailed cockpit, showing the instrument panel, control stick, and seat. The canopy is open, revealing the intricate interior.

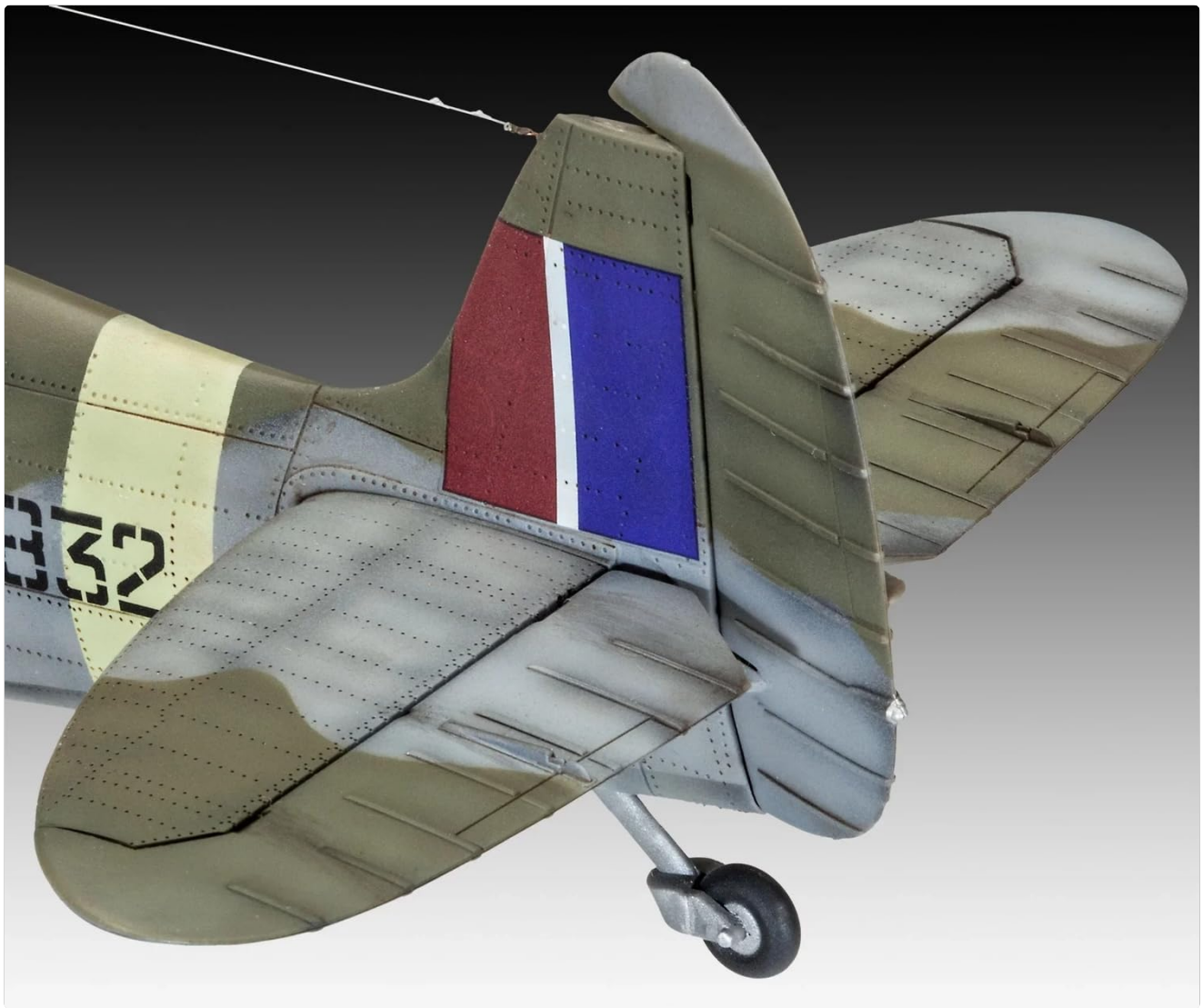


Image 2.2: Detailed view of the propeller and nose section. The four-blade propeller is visible, along with the engine cowling and exhaust ports.



Image 2.3: View of the underside, highlighting the detailed landing gear and optional bomb load attached to the wings.

3. OPERATING (DISPLAY AND HANDLING)

Once assembled, your Revell Spitfire Mk. IXC model is intended for display. Handle the model with care to prevent

damage to delicate parts such as the propeller, antenna, and landing gear.

- **Display Location:** Choose a stable, level surface away from direct sunlight, extreme temperatures, and high humidity to prevent warping or fading of paint and decals.
- **Handling:** Always lift the model by its main fuselage or wings, avoiding pressure on smaller, protruding parts.

4. MAINTENANCE

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

- **Dusting:** Regularly dust the model using a soft, dry brush or a can of compressed air. Avoid abrasive cloths or harsh chemicals.
- **Cleaning:** For stubborn dirt, lightly dampen a soft cloth with water (and a tiny amount of mild soap if necessary), then gently wipe the surface. Avoid excessive moisture, especially around decals.
- **Repairs:** In case of accidental damage, use plastic cement to reattach broken parts. Touch up paint as needed.

5. TROUBLESHOOTING

Encountering issues during assembly is common. Here are some tips for common problems:

- **Parts Not Fitting:** Ensure you are using the correct parts as indicated in the instructions. Trim excess plastic (flash) from parts using a hobby knife. Dry-fit parts before applying glue.
- **Gaps Between Parts:** Small gaps can be filled with plastic putty or stretched sprue, then sanded smooth before painting.
- **Decal Issues:** If decals do not adhere well or silver, ensure the surface is glossy before application. Use decal setting solutions to help them conform to irregular surfaces and eliminate air bubbles.
- **Paint Problems:** Ensure surfaces are clean and dry before painting. Apply thin coats of paint to avoid obscuring detail. Allow sufficient drying time between coats.

6. SPECIFICATIONS

Feature	Detail
Brand	Revell
Model Name	Revell Germany Spitfire Mk. IXC
Model Number	80-3927
Scale	1:32
Number of Pieces	154
Material	Plastic
Assembled Length	28.6 cm (11.26 inches)
Assembled Wingspan	35.1 cm (13.82 inches)

Feature	Detail
Recommended Age	15 years and up
Special Features	High level of detail, removable bomb load, movable propeller, detailed cockpit with instrument panel, detailed undercarriage, decals for RCAF and RAF versions.

7. WARRANTY AND SUPPORT

For questions regarding missing parts, assembly issues, or general inquiries about your Revell model kit, please contact Revell customer support directly. Specific warranty information may be included with your product packaging.

Please retain your proof of purchase for any support inquiries.