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› Dancing Wings Hobby VX18 1/25 Scale Spitfire Fighter 3D Woodcraft Model Instruction Manual

Dancing Wings Hobby VX18

Dancing Wings Hobby VX18 Spitfire Fighter Model Instruction Manual

Model: VX18 | Scale: 1/25

1. INTRODUCTION

Thank you for choosing the Dancing Wings Hobby VX18 Spitfire Fighter 3D Woodcraft Model. This kit provides a detailed 1/25 scale static display model of the iconic Spitfire fighter aircraft. Designed for enthusiasts aged 14 and up, this model offers an engaging assembly experience and results in a beautiful decorative piece.

Please read these instructions carefully before beginning assembly to ensure a smooth and enjoyable building process.

2. PACKAGE CONTENTS

Before starting, verify that all components are present and undamaged. The package should contain:

- Laser-cut wooden sheets with model parts
- Assembly instructions (this manual)
- Small accessories (e.g., sanding stick, canopy parts, landing gear components)
- Exquisite wooden storage box



Image 2.1: Kit contents, including wooden sheets and accessories.

3. SETUP AND ASSEMBLY

Assembly of the VX18 model requires patience and attention to detail. No glue is typically required for the main structure, as parts are designed for interlocking assembly. However, a small amount of wood glue may be used for added stability on certain joints if desired (not included).

3.1. Preparation

1. **Unpack Components:** Carefully remove all wooden sheets and accessories from the packaging.
2. **Identify Parts:** Familiarize yourself with the different wooden sheets and the parts cut into them. Refer to the included diagrams (if any) to identify specific components.
3. **Remove Parts:** Gently push out the laser-cut parts from their wooden sheets. If a part is stubborn, use a hobby knife or the provided sanding stick to carefully separate it. Avoid forcing parts to prevent breakage.
4. **Sanding (Optional):** Lightly sand any rough edges or connection points using the provided sanding stick for a smoother fit and finish.

3.2. Assembly Sequence

Follow the numerical or sequential instructions provided in the detailed diagrams (if included) to assemble the model. A general sequence often involves:

1. **Fuselage Assembly:** Begin by constructing the main body (fuselage) of the aircraft. This typically involves interlocking frame pieces.
2. **Wing Assembly:** Assemble the wing sections, ensuring they are symmetrical and correctly aligned.
3. **Tail Section:** Attach the horizontal and vertical stabilizers to the rear of the fuselage.
4. **Landing Gear:** Assemble and attach the landing gear components.
5. **Propeller and Nose Cone:** Attach the propeller and nose cone assembly to the front of the fuselage.
6. **Canopy and Details:** Install the cockpit canopy and any other small detail parts.
7. **Display Stand:** Assemble the included display stand and securely place the finished model on it.

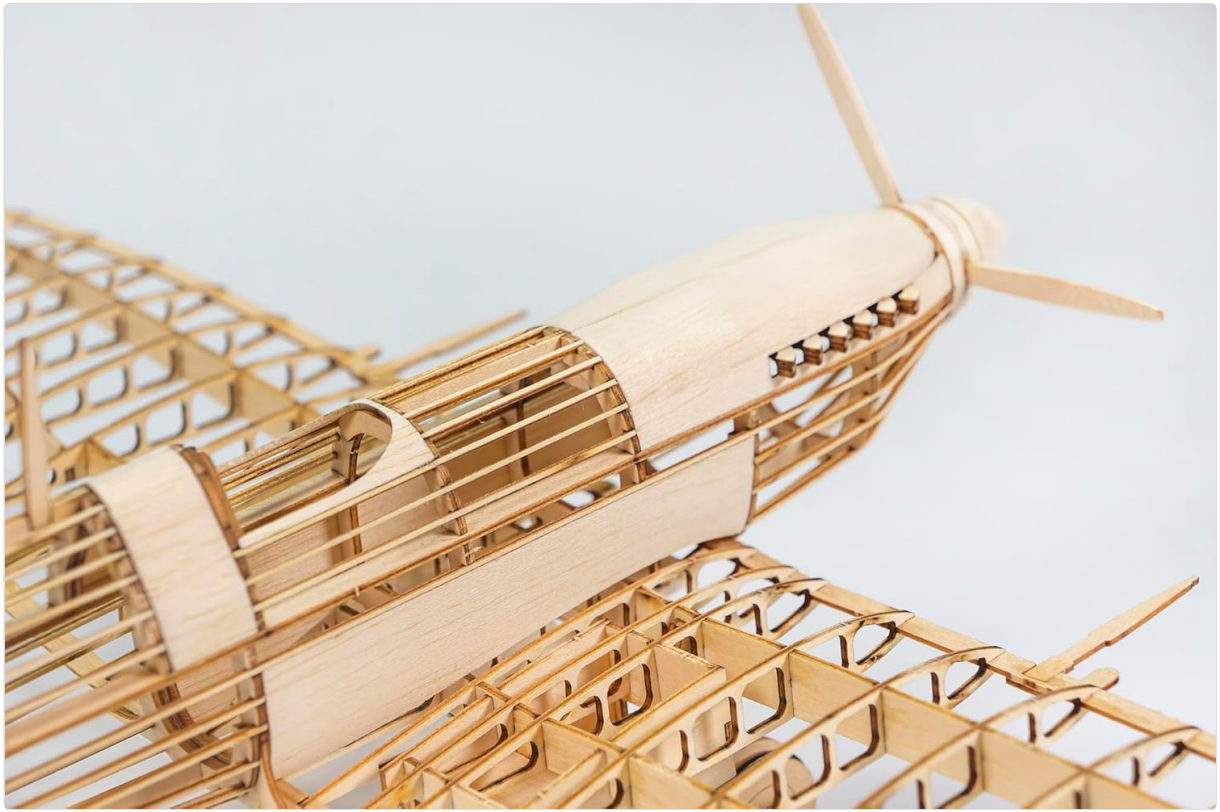


Image 3.1: Detail of the fuselage assembly.



Image 3.2: Detail of the landing gear assembly.

Ensure all connections are firm. The laser-cut design provides a precise fit. Once assembled, the model should be stable on its display stand.



Image 3.3: The completed Spitfire model on its display stand.

4. OPERATING INSTRUCTIONS

The Dancing Wings Hobby VX18 Spitfire Fighter is designed as a static display model. It is not intended for flight or any functional operation. Once assembled, it serves as a decorative piece.

5. MAINTENANCE AND CARE

To maintain the appearance and integrity of your wooden model, follow these care guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. Avoid using abrasive cleaners or excessive moisture.
- **Environment:** Display the model in a stable environment, away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause the wood to warp, fade, or crack.
- **Handling:** Handle the model carefully, especially delicate parts like the propeller and landing gear, to prevent breakage.

6. TROUBLESHOOTING

While the VX18 model is designed for precise assembly, minor issues may arise:

- **Loose Joints:** If any joints feel loose after assembly, a small amount of wood glue (not included) can be applied to secure them. Apply sparingly and wipe away any excess immediately.
- **Broken Part:** In the event of a broken wooden part, wood glue can often be used for repair. For significant damage, contact the manufacturer for potential replacement parts.
- **Parts Not Fitting:** Ensure you are using the correct parts for each step. Light sanding of connection tabs may be necessary if parts are too tight. Do not force parts together.

7. SPECIFICATIONS

Feature	Detail
Model Name	VX18
Brand	Dancing Wings Hobby
Scale	1/25
Wingspan	460 mm (18.11 inches)
Length	390 mm (15.35 inches)
Built Height	140 mm (5.51 inches)
Material	Wood
Item Weight	0.5 kg (1.1 lbs)
Recommended Age	14 Years and Up
Type	Static Display Model

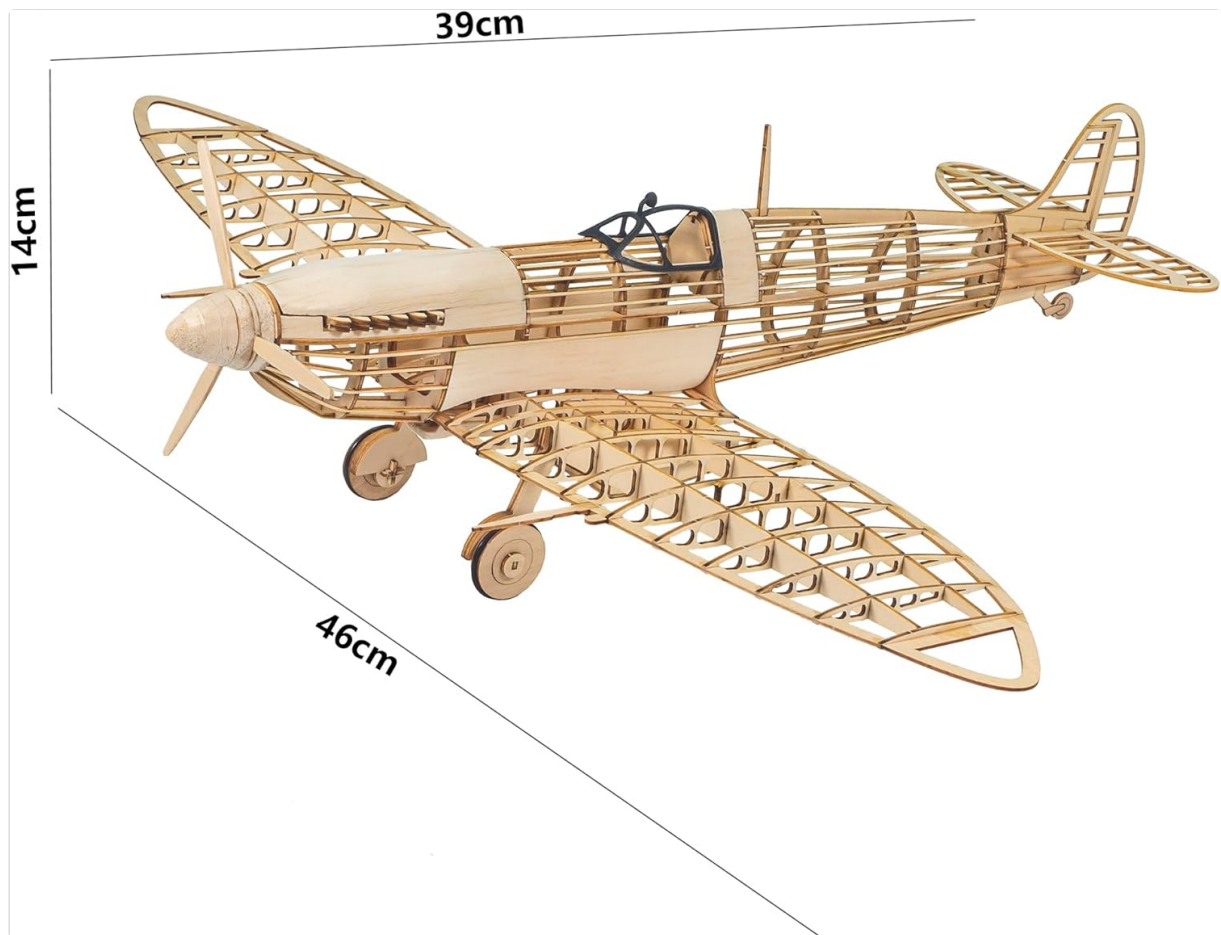


Image 7.1: Model dimensions.

8. WARRANTY AND SUPPORT

Specific warranty information for the Dancing Wings Hobby VX18 model is not provided in this manual. For details regarding warranty coverage, replacement parts, or technical support, please contact Dancing Wings Hobby directly through their official website or the retailer from whom the product was purchased.