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› [COMETX Dancing Hobby VS02 Albatross 1:15 Wooden Static Airplane Model Kit Instruction Manual](#)

COMETX VS02 Albatross

COMETX Dancing Hobby VS02 Albatross 1:15 Wooden Static Airplane Model Kit Instruction Manual

Model: VS02 Albatross

1. INTRODUCTION

This manual provides detailed instructions for assembling the COMETX Dancing Hobby VS02 Albatross 1:15 Wooden Static Airplane Model Kit. This kit is designed for enthusiasts to build a detailed replica of the Albatross aircraft. Please note that this is a static display model and is not designed for flight.

2. 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 may require the use of sharp tools (e.g., hobby knife, sandpaper). Exercise caution and adult supervision is recommended for younger builders.
- **Adhesives:** Use appropriate wood glue or model adhesive in a well-ventilated area. Follow the adhesive manufacturer's safety instructions.
- **Material Handling:** Balsa wood is delicate. Handle parts carefully to prevent breakage.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all components are present in your kit. The package should contain the following:

- Precision-cut balsa wood sheets for fuselage, wings, and tail sections.
- Wooden propeller.
- Landing gear components.
- Small hardware (e.g., connectors, wires for rigging).
- Instruction sheet (this document).



Image 3.1: Overview of the kit contents, including wooden sheets, propeller, and various small components.



Weight: 0.6KG

Image 3.2: The kit is packaged in a protective wooden box, measuring approximately 442mm x 115mm x 56mm.

4. ASSEMBLY INSTRUCTIONS

The VS02 Albatross model kit is 0% pre-built, requiring assembly piece by piece. Follow these steps carefully for best results. Refer to the provided diagrams and images for visual guidance.

4.1 General Assembly Tips

- Familiarize yourself with all parts before starting.
- Use a clean, well-lit workspace.
- Test fit parts before applying adhesive.
- Allow sufficient drying time for all glued joints.

4.2 Fuselage Assembly

1. Carefully detach the fuselage frame pieces from the balsa wood sheets.
2. Assemble the main fuselage frame, ensuring all slots and tabs align correctly. Apply a small amount of wood glue to secure joints.
3. Attach the fuselage skin panels, starting from the bottom and working your way up, ensuring a smooth fit.

4.3 Wing Assembly

1. Separate the upper and lower wing rib and spar pieces.
2. Construct the wing frames by gluing the ribs to the spars. Pay attention to the curvature and dihedral (if applicable).
3. Once the frames are dry, attach the wing frames to the fuselage, ensuring proper alignment and angle.

4.4 Tail Section Assembly

1. Assemble the horizontal and vertical stabilizer frames.
2. Attach the assembled tail sections to the rear of the fuselage, ensuring they are straight and level.

4.5 Landing Gear and Propeller Installation

1. Assemble the landing gear struts and wheels. Secure them to the designated points on the underside of the fuselage.
2. Attach the wooden propeller to the front of the fuselage, ensuring it can rotate freely if desired, or secure it in a fixed position.

4.6 Finishing Touches and Rigging

1. Apply any decals or markings as desired (not included in all kits).
2. Install any rigging wires between the wings and fuselage using the provided small hardware, following historical references or personal preference.



Image 4.1: Top-front view of the completed Albatross model, showcasing the detailed wooden framework.



Image 4.2: Detail of the tail section, illustrating the construction of the rudder and stabilizers.



Image 4.3: Front view detail, focusing on the propeller and engine cowling area.

5. DISPLAY AND CARE

Once assembled, your VS02 Albatross model is a static display piece. Proper care will ensure its longevity.

- **Placement:** Display the model on a stable, flat surface away from direct sunlight, extreme temperatures, and high humidity to prevent warping or fading of the wood.
- **Cleaning:** Dust the model gently with a soft, dry brush or a microfiber cloth. Avoid using water or chemical cleaners, as these can damage the wood or adhesive.
- **Handling:** Handle the model by its main fuselage or sturdy sections. Avoid gripping delicate parts like wings, tail, or rigging to prevent damage.

6. SPECIFICATIONS

| | |
|------------|---------------------------|
| Brand Name | Dancing Hobby (by COMETX) |
|------------|---------------------------|

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|----------------------------|--|
| Item Name | Wooden Static Airplane Model |
| Model | VS02 Albatross |
| Material | Balsa Wood |
| Scale | 1:15 |
| Wingspan | 500mm |
| Length | 365mm |
| Approx. Item Weight | 1.39 pounds (0.63 kg) |
| Approx. Package Dimensions | 17.4 x 4.53 x 2.2 inches (442 x 115 x 56 mm) |

Note: This is a static model and cannot fly.

7. TROUBLESHOOTING

- **Parts Not Fitting:** Ensure you are using the correct parts for each step. Gently sand edges if a snug fit is too tight. Do not force parts, as this can cause breakage.
- **Broken Parts:** Balsa wood is delicate. If a part breaks, it can often be repaired with a small amount of wood glue. Allow ample drying time.
- **Misalignment:** If sections appear misaligned, carefully detach before the glue fully sets and re-position. Use clamps or tape to hold parts in place while drying.
- **Missing Parts:** Double-check the packaging and your workspace. If a part is genuinely missing, contact customer support.

8. WARRANTY AND SUPPORT

This product is a model kit and is intended for assembly. Due to the nature of model building, specific warranties on individual components after assembly may vary. Please inspect all parts upon receipt of the kit.

For any questions regarding missing parts, damaged components upon arrival, or assembly assistance, please refer to the retailer's customer service contact information or the manufacturer's official website for support.