

[Manuals.plus](#) /

> [Trumpeter](#) /

> Trumpeter TRU03930 1:144 Xian H-6K Strategic Bomber Plastic Model Kit Instruction Manual

Trumpeter TRU03930

Trumpeter TRU03930 1:144 Xian H-6K Strategic Bomber Plastic Model Kit Instruction Manual

Brand: Trumpeter | Model: TRU03930

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the assembly and finishing of the Trumpeter TRU03930 1:144 scale Xian H-6K Strategic Bomber plastic model kit. This kit is designed for adult collectors and hobbyists aged 14 years and older. It is not a toy and requires assembly, painting, and gluing.

The Xian H-6K is a modern strategic bomber used by the People's Liberation Army Air Force. This model kit allows you to recreate a detailed replica of this aircraft in 1:144 scale.



Figure 1: Reference image of the Xian H-6K Strategic Bomber, the subject of this model kit.

2. SAFETY INFORMATION

WARNING! Not suitable for children under 3 years due to small parts. Choking hazard.

- This product is suitable for ages over 14 only.
- This is not a toy.
- Always use appropriate tools for model assembly, such as hobby knives, cutters, and files, with caution.
- Ensure adequate ventilation when using glues, paints, and thinners. Refer to the safety instructions provided with these products.
- Keep all modeling supplies out of reach of small children and pets.

3. WHAT'S IN THE BOX

Your Trumpeter TRU03930 kit contains the following components:

- One (1) plastic model kit of the Xian H-6K Strategic Bomber (unpainted).
- Instruction booklet (this document serves as a digital guide).
- Decal sheet (if included in the physical kit).



Figure 2: The model kit box, showing approximate dimensions for scale reference.

4. SETUP AND ASSEMBLY

Assembly is required for this model kit. Follow these general steps for successful construction:

1. **Preparation:** Carefully unbox the kit and familiarize yourself with all the sprues and parts. Read through the entire instruction booklet before beginning assembly.
2. **Tools Required:** You will need a hobby knife or sprue cutters, plastic cement (model glue), sandpaper or files, and possibly tweezers for small parts.
3. **Part Removal:** Carefully cut or snap parts from the sprues. Use a hobby knife or file to clean up any excess plastic (flash) from the parts.
4. **Test Fit:** Before applying glue, always test fit parts to ensure proper alignment and fit. Trim or sand as necessary.
5. **Gluing:** Apply plastic cement sparingly to the mating surfaces. Hold parts together firmly until the glue sets. Allow sufficient drying time between steps.
6. **Sub-Assemblies:** Assemble major components (e.g., wings, fuselage halves, landing gear) as separate sub-assemblies before joining them to the main body.
7. **Painting (Optional):** While the kit is unpainted, you may choose to paint parts before or after assembly, depending on accessibility. Refer to the "Operating and Finishing" section for more details.



Figure 3: A detailed view of the Xian H-6K bomber, providing visual reference for assembly and painting details.

5. OPERATING AND FINISHING

This section covers the steps to bring your unpainted model to life after assembly.

1. **Surface Preparation:** Ensure the assembled model is clean and free of dust, grease, or fingerprints. You may wish to prime the model with a suitable primer for better paint adhesion.

2. **Painting:** Apply paint in thin, even coats. Multiple thin coats are better than one thick coat. Refer to historical references or the kit's painting guide for accurate color schemes. Allow each coat to dry thoroughly.
3. **Weathering (Optional):** For a realistic appearance, you can apply weathering techniques such as washes, dry brushing, or panel line accents.
4. **Decal Application:** Once painting is complete and fully dry, apply the decals. Cut each decal carefully from the sheet. Dip the decal in water for a few seconds until it slides freely from the backing paper. Position the decal on the model and gently blot away excess water. Use decal setting solutions for better adhesion and to conform to surface details.
5. **Clear Coat:** After decals are dry, apply a clear protective coat (matte, satin, or gloss, depending on desired finish) to seal the paint and decals.

6. MAINTENANCE AND CARE

To ensure the longevity and appearance of your finished model, follow these care guidelines:

- **Dusting:** Regularly dust your model with a soft brush or compressed air to prevent dust buildup. Avoid abrasive materials.
- **Cleaning:** For stubborn dirt, gently wipe with a soft, damp cloth. Avoid harsh chemicals or solvents, as they can damage paint and plastic.
- **Display:** Display your model in a stable location away from direct sunlight, extreme temperatures, and high humidity, which can cause fading, warping, or damage to paint and decals.
- **Handling:** Handle the model by its sturdy parts, such as the fuselage or wings, to avoid breaking delicate components like antennas or landing gear.

7. TROUBLESHOOTING

Here are some common issues encountered during model assembly and finishing, along with potential solutions:

- **Parts Don't Fit:**
 - Ensure all flash (excess plastic) is removed.
 - Carefully sand or trim mating surfaces for a better fit.
 - Verify you are using the correct parts as per the instructions.
- **Paint Issues (e.g., 'Orange Peel', runs, poor coverage):**
 - Ensure paint is properly thinned for spraying or brushing.
 - Apply multiple thin coats instead of one thick coat.
 - Ensure the surface is clean and primed.
 - Allow adequate drying time between coats.
- **Decal Silvering (air trapped under decal):**
 - Apply decals over a glossy surface.
 - Use decal setting solutions to help decals conform and eliminate air bubbles.
 - Ensure all water is blotted from under the decal.

8. SPECIFICATIONS

Brand	Trumpeter
Model Number	TRU03930
Item Type	Plastic Model Kit
Subject	Xian H-6K Strategic Bomber
Scale	1:144 Scale
Material	Plastic
Color	Unpainted
Assembly Required	Yes
Recommended Age	14 years and older
Item Weight	0.19 Kilograms

9. WARRANTY AND SUPPORT

Trumpeter model kits are manufactured to high standards. If you encounter any issues with missing or defective parts, please contact the retailer where you purchased the kit or the manufacturer directly.

For further assistance or inquiries, please refer to the official Trumpeter website or contact their customer support channels. Specific warranty details may vary by region and retailer.