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Revell 03807 Antonov An-124 Ruslan Model Kit

ASSEMBLY AND SAFETY MANUAL

Brand: Revell | Model: 03807

1. Introduction

This manual provides essential information for the assembly and safe handling of the Revell 03807 Antonov An-124 Ruslan plastic model kit. The Antonov An-124, known as "Ruslan," is a strategic military transport aircraft developed for the Soviet Union, recognized as one of the world's largest production aircraft. This model kit allows for the creation of a detailed replica, featuring elements such as an upward-folding nose and rear loading doors, enabling simultaneous loading and unloading configurations. The kit includes a detailed cockpit replica, cargo compartment panels, two ceiling cranes, and 24 suspension wheels. It offers five possible building options and includes a faithful decal set for authentic representation.



Image 1.1: The Revell Antonov An-124 Ruslan model kit box alongside a fully assembled model, showcasing its impressive scale and detail.

2. Safety Information

Please read all safety warnings carefully before beginning assembly.

- **Inflammatory Skin Irritant:** May cause drowsiness and dizziness.
- **Medical Advice:** If medical advice is required, have packaging or label at hand.
- **Keep Out of Reach:** Keep out of reach of children.
- **Read Label:** Read label before use.
- **Avoid Inhalation:** Avoid inhaling dust, smoke, gas, mist, steam, or aerosol.
- **Storage:** Store under lock and seal.
- **Disposal:** Dispose of the contents and container according to local, regional, national, and international regulations.
- **Age Restriction:** Not suitable for children under 8 years.
- **Included Components:** Solvent-based adhesive (12.5g) and water-soluble paints are included.
- **Retain Packaging:** Keep packaging for future queries.

3. Package Contents

The Revell 03807 Antonov An-124 Ruslan model kit typically includes the following components:

- Plastic model kit parts (approximately 120 pieces)
- Assembly instructions (English language not guaranteed, refer to diagrams)
- Decal sheet
- Solvent-based adhesive (12.5g)

- Water-soluble paints

Please verify all parts are present and undamaged upon opening the package. Contact Revell customer support if any components are missing or defective.

4. Assembly Instructions (Setup)

Assembly of this model kit requires patience and attention to detail. Refer to the detailed diagrams and step-by-step instructions provided in the included assembly manual. The following general steps apply:

1. **Preparation:** Carefully remove all parts from the sprues using a hobby knife or side cutters. Smooth any rough edges with a fine file or sandpaper.
2. **Sub-Assemblies:** Begin by assembling smaller sections such as the cockpit, engines, and landing gear. The kit features a detailed cockpit replica and 24 suspension wheels.
3. **Fuselage Assembly:** Join the fuselage halves, ensuring proper alignment. The kit allows for various construction positions for the nose segment and rear loading area, including the upward-folding nose and rear loading doors.
4. **Wing Attachment:** Securely attach the wings to the fuselage.
5. **Detailing:** Add smaller components like antennas, cargo compartment panels, and two ceiling cranes.
6. **Adhesive Application:** Use the provided solvent-based adhesive sparingly. Apply to one surface, press parts together, and hold until set. Ensure good ventilation.



Image 4.1: A top-down view of the assembled Antonov An-124 Ruslan model, highlighting the overall structure and wing design.



Image 4.2: Detailed view of the model's engines, showing the intricate fan blades and engine housing.



Image 4.3: A close-up of the complex multi-wheel landing gear system on the Antonov An-124 Ruslan model.



Image 4.4: The rear cargo bay of the model shown in an open position, revealing internal details and the loading ramp.



Image 4.5: The front cargo bay of the model depicted in an open state, showcasing the unique upward-folding nose mechanism and internal structure.

5. Painting and Decals

Once the model is fully assembled and the adhesive has cured, you can proceed with painting and applying decals. The kit includes water-soluble paints and a faithful decal set.

- **Painting:** Apply paint in thin, even coats. Allow each coat to dry completely before applying the next. Refer to the included instructions for recommended color schemes and placement.
- **Decals:** Carefully cut out each decal. Dip it in lukewarm water for a few seconds until it slides freely

from the backing paper. Position the decal on the model and gently slide the backing paper away. Use a soft cloth or cotton swab to remove excess water and air bubbles.

6. Maintenance

To preserve the appearance and integrity of your assembled model, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures, which can cause plastic to warp or paint to fade.
- **Handling:** Handle the model carefully, especially delicate parts like antennas or landing gear, to prevent breakage.

7. Troubleshooting

Here are solutions to common issues encountered during model kit assembly:

- **Parts Not Fitting:** Ensure parts are correctly oriented. Lightly sand or trim excess plastic if necessary. Avoid forcing parts together.
- **Adhesive Issues:** If parts do not bond, ensure surfaces are clean and dry. Apply a small amount of fresh adhesive. Allow adequate drying time.
- **Paint Imperfections:** For uneven paint, apply additional thin coats. For brush strokes, ensure paint is thinned appropriately and applied smoothly.
- **Decal Bubbles/Wrinkles:** Gently press out bubbles with a soft cloth or cotton swab. For stubborn issues, a small pinprick can release trapped air, then re-smooth.

8. Specifications

Feature	Detail
Brand	Revell
Model Name	Antonov An-124 Ruslan
Item Model Number	03807
Scale	1/144
Number of Pieces	120
Material	Plastic
Paint Type	Oil (included water-soluble paints)
Recommended Age	15 years and up
Product Dimensions (L x W x H)	18.82 x 19.96 x 5.67 inches
Item Weight	2.13 pounds (0.97 Kilograms)
Special Features	Detachable cockpit, movable parts, detailed decals, various construction positions for nose/rear loading area

9. Support & Contact

For further assistance, missing parts, or technical inquiries regarding your Revell 03807 Antonov An-124 Ruslan model kit, please refer to the contact information provided in the original product packaging or visit the official Revell website for customer support details.

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Related Documents - 03807

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