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Reobrix 33029

Reobrix E-2 Hawkeye Early Warning Aircraft Building Set 33029

Instruction Manual

1. Introduction

This manual provides detailed instructions for assembling and understanding the features of your Reobrix E-2 Hawkeye Early Warning Aircraft Building Set, model 33029. This set allows you to construct a detailed replica of the E-2 Hawkeye, an iconic early warning aircraft, comprising 1126 pieces.

The completed model features a distinctive radar dome, twin-engine layout, high wings, and a military aircraft profile. It is designed for enthusiasts aged 14 and above, offering an engaging and educational building experience.



Image 1.1: The fully assembled Reobrix E-2 Hawkeye Early Warning Aircraft model, showcasing its detailed design and radar dome.

2. Safety Information

Please read and understand all safety information before beginning assembly.

- **Small Parts Warning:** This set contains small parts which may pose a choking hazard for children under 3 years old. Keep all components out of reach of young children.
- **Age Recommendation:** This building set is recommended for individuals aged 14 years and older.
- **Handling:** Handle all pieces carefully to avoid breakage or injury.
- **Storage:** Store unassembled and assembled models in a safe place to prevent damage or loss of parts.

3. Package Contents

Verify that all components are present before starting assembly. The package should contain:

- 1126 x Building Blocks (various shapes and sizes)
- 1 x Detailed Assembly Instruction Booklet
- 1 x Sticker Sheet for detailing

If any parts are missing or damaged, please contact Reobrix customer support for assistance.

4. Assembly Instructions

The assembly process for the Reobrix E-2 Hawkeye model is designed to be a step-by-step experience. Refer to the included physical instruction booklet for detailed diagrams and piece-by-piece guidance.

1. **Preparation:** Unpack all building blocks and organize them by color or type as suggested in the instruction booklet. Ensure you have a clean, well-lit workspace.
2. **Follow the Booklet:** Proceed through the instruction booklet page by page. Each step will illustrate which pieces to use and where to place them.
3. **Key Structural Components:** Pay close attention to the assembly of the main fuselage, wings, and tail sections to ensure structural integrity.
4. **Functional Elements:** When assembling the radar dome, propellers, and landing gear, ensure all moving parts are correctly aligned for proper function.
5. **Applying Stickers:** Use the provided sticker sheet to add intricate details to your model. Apply them carefully according to the diagrams in the manual.



Image 4.1: A builder engaged in the assembly of the Reobrix E-2 Hawkeye model, demonstrating the hands-on building process.

Assembly Overview Video

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Video 4.1: An overview of the Reobrix E-2 Hawkeye Military Airplane Building Set 33029, showcasing its features and the completed model.

5. Operating Features

The Reobrix E-2 Hawkeye model incorporates several interactive features:

- **Rotating Radar Dome:** The large radar dome located on top of the fuselage can be manually rotated. Gently turn the dome to simulate its operational function.
- **Rotatable Propellers:** The twin propeller assemblies on the wings are designed to rotate. Manually spin the propellers to mimic flight.
- **Foldable Wings:** The wings of the aircraft can be folded upwards, allowing for a more compact display, similar to how real E-2 Hawkeyes are stored on aircraft carriers. Carefully lift and fold the wing sections as indicated in the assembly manual.
- **Detailed Landing Gear:** The model features rugged landing gear. While primarily for display, ensure it is properly extended for stable placement.



Image 5.1: Detailed views highlighting the early warning radar, nose display, rotatable propeller, and restored tail wing of the E-2 Hawkeye model.

6. Maintenance and Care

To ensure the longevity and appearance of your Reobrix E-2 Hawkeye model, follow these care guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. For stubborn dirt, lightly dampen a cloth with water (no harsh chemicals) and gently wipe.
- **Storage:** Store the model away from direct sunlight and extreme temperatures to prevent discoloration or warping of plastic parts.
- **Handling:** Always handle the model by its main body to avoid putting stress on delicate parts like wings or antennas.
- **Disassembly:** If disassembling, do so carefully to avoid damaging the interlocking blocks. Keep all pieces organized for future reassembly.

7. Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Solution
Missing or damaged pieces	Contact Reobrix customer support with your model number (33029) and details of the missing/damaged parts.
Parts do not fit together	Ensure you are using the correct pieces for the step. Refer to the instruction booklet diagrams carefully. Apply firm, even pressure.
Model feels unstable	Double-check all connections, especially in the base and wing attachment points. Ensure all blocks are fully pressed together.
Moving parts (radar, propellers) are stiff	Ensure no blocks are obstructing the movement. Gently rotate to loosen, avoiding excessive force.

8. Specifications

Feature	Detail
Brand	Reobrix
Model Name	E-2 Hawkeye
Model Number	33029
Number of Pieces	1126
Assembled Dimensions (L x W x H)	Approximately 19.7 x 17.3 x 4.7 inches (50 x 44 x 12 cm)
Material	Plastic
Recommended Age	14+ years
Operation Mode	Manual
Educational Objective	Concentration, Creative Thinking, Logical Thinking, Problem Solving Skills, Spatial Reasoning



Image 8.1: A visual representation of the assembled model's dimensions, indicating its length, width, and height.

9. Warranty Information

Reobrix products are manufactured to high-quality standards. For specific warranty details regarding your building set, please refer to the packaging or contact Reobrix customer support. Typically, warranties cover manufacturing defects and missing parts upon initial inspection.

10. Customer Support

If you have any questions, require assistance with assembly, or need to report missing/damaged parts, please contact Reobrix customer support through the following channels:

- **Online:** Visit the official Reobrix website or the retailer's support page where you purchased the product.
- **Email:** Refer to your product packaging for a customer service email address.
- **Model Number:** Please have your model number (33029) ready when contacting support to expedite assistance.

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