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› Reobrix Aircraft Engine Model 33018 Instruction Manual

Reobrix 33018

Reobrix Aircraft Engine Model 33018 Instruction Manual

Model: 33018

1. INTRODUCTION

Thank you for choosing the Reobrix Aircraft Engine Model Building Kit. This 1351-piece motorized jet turbofan engine model offers an engaging and educational building experience for enthusiasts aged 14 and up. Designed to replicate the intricate mechanics of a real aircraft engine, this model features dynamic movement and realistic details, making it an excellent display piece and a valuable tool for STEM learning.

This manual provides essential information for the assembly, setup, operation, and maintenance of your Reobrix Aircraft Engine Model. Please read it thoroughly before beginning assembly.



The Reobrix Aircraft Engine Model 33018 kit box and the fully assembled model on its display stand.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small Parts.

- This product contains small parts and is not suitable for children under 3 years of age.
- Adult supervision is recommended during assembly, especially for younger users.
- Keep all packaging materials away from children to prevent suffocation.
- Do not ingest any parts of the model.

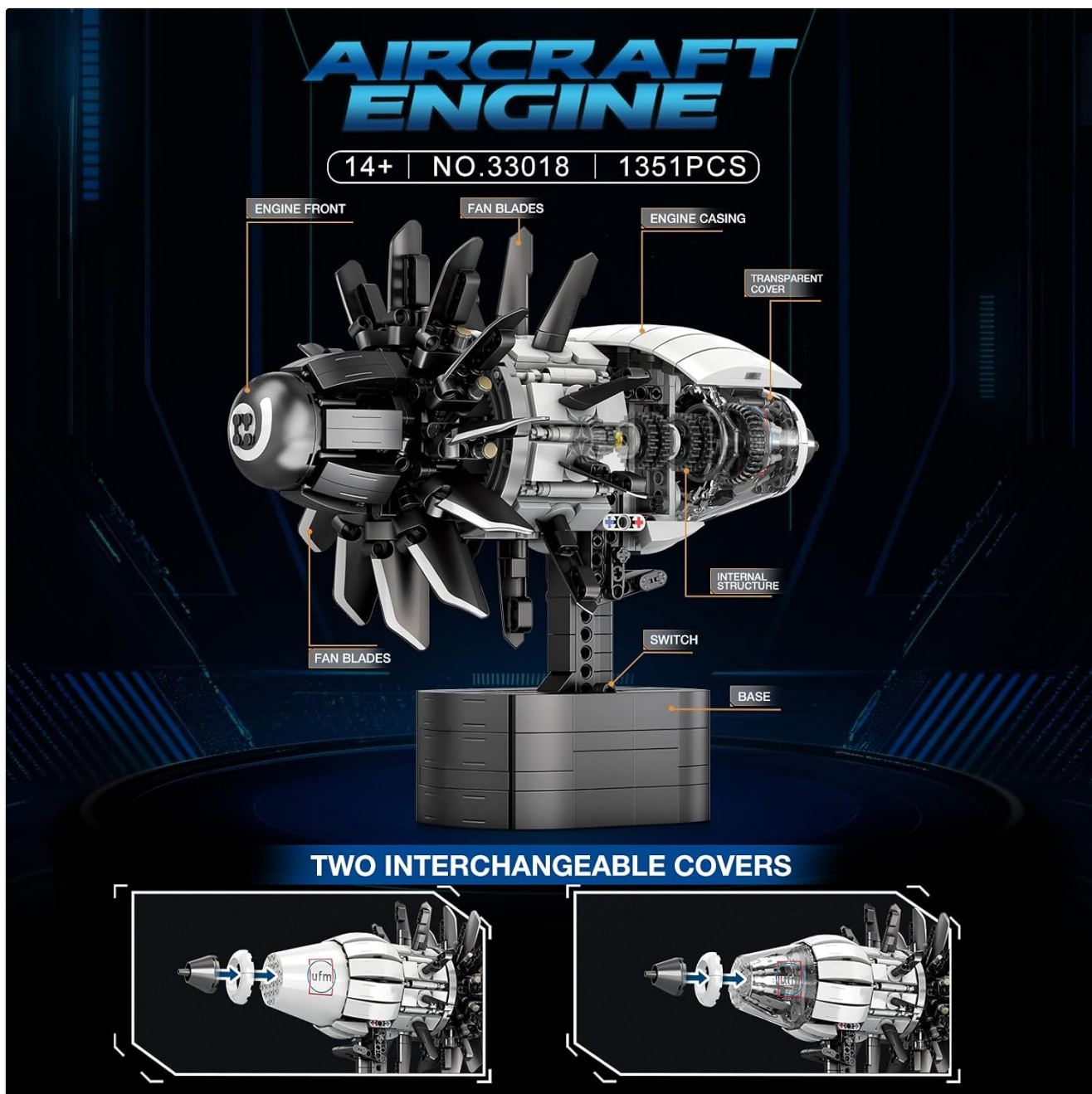
3. ASSEMBLY INSTRUCTIONS

The Reobrix Aircraft Engine Model consists of 1351 building pieces. A detailed, step-by-step printed instruction manual is included in your kit. Please follow the illustrations and instructions provided in that manual carefully for proper assembly.

- Organize all pieces before starting to ensure all components are present.
- Follow the numbered steps sequentially to avoid errors.
- Pay close attention to the orientation of pieces, especially gears and moving parts.
- Ensure all connections are secure for stable operation.



An adult and child engaged in the assembly process of the Reobrix Aircraft Engine Model, highlighting the educational aspect.



A detailed diagram illustrating the various components of the Reobrix Aircraft Engine Model, such as the engine front, fan blades, engine casing, transparent cover, internal structure, switch, and base.

4. SETUP

Once assembly is complete, follow these steps to prepare your model for operation:

1. **Install Batteries:** Locate the battery box (included in the kit). Insert the required batteries (typically 3x AA, not included) into the battery compartment, ensuring correct polarity.
2. **Connect Motor:** Connect the motor cable from the engine model to the designated port on the battery box.
3. **Place on Stand:** Securely place the assembled engine model onto its display base. Ensure it is stable and balanced.

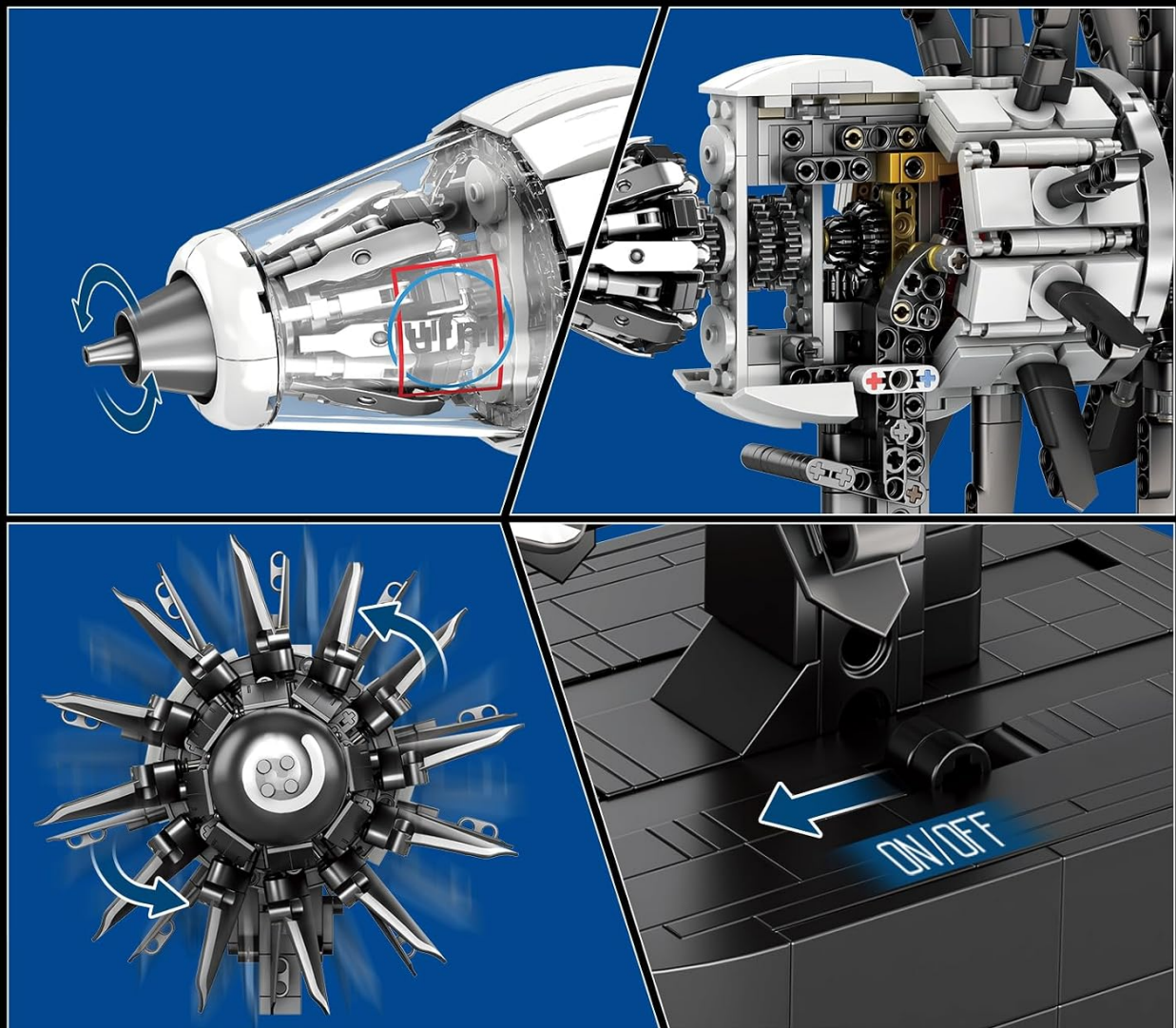


The fully assembled Reobrix Aircraft Engine Model displayed on its dedicated stand, ready for operation.

5. OPERATING INSTRUCTIONS

Your Reobrix Aircraft Engine Model is designed for dynamic operation, simulating a real turbofan engine. It features a motorized system with adjustable settings.

- **Power On:** Locate the switch on the display base. Flip the switch to the 'ON' position to activate the motor.
- **Two-Mode Switch:** The model features a two-mode switch. The first gear activates internal lighting, while the second gear initiates rotation of the fan blades and internal mechanisms.
- **Adjustable Rotation:** The rotation direction of the fan blades can be adjusted. Refer to the specific instructions in your printed manual for details on how to change the rotation direction.
- **Mobile App Control:** For enhanced control, the model supports mobile app manipulation. Download the official Reobrix app (if available) to adjust speed and direction via your smartphone.



EXPLORE THE DYNAMIC OF REAL AIRCRAFT ENGINE

FEATURING SELF-DEVELOPED SIMULATION DESIGN,
HIGHLY RESTORES THE ENGINE'S DYNAMIC LINKAGE

A close-up view of the Reobrix Aircraft Engine Model, highlighting the power switch on the base and the dynamic rotation of the fan blades.

Your browser does not support the video tag.

Official product video demonstrating the assembly and dynamic features of the Reobrix Aircraft Engine Model 33018, including its motorized operation and internal mechanisms.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Reobrix Aircraft Engine Model, follow these maintenance guidelines:

- **Cleaning:** Gently dust the model regularly with a soft, dry cloth. For more stubborn dirt, use a slightly damp cloth and dry immediately. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures. Keep it protected from dust and potential impacts.
- **Battery Care:** If the model will not be used for an extended period, remove the batteries from the battery box to prevent leakage and damage.

7. TROUBLESHOOTING

If you encounter any issues with your Reobrix Aircraft Engine Model, please refer to the following common troubleshooting tips:

- **Motor Not Running/Lights Not Working:**
 - Check if the batteries are correctly installed in the battery box and are not depleted.
 - Ensure the motor cable is securely connected to the battery box.
 - Verify that the power switch on the base is in the 'ON' position.
- **Fan Blades Not Rotating Smoothly:**
 - Inspect for any obstructions or misaligned pieces within the fan or gear mechanisms.
 - Ensure all parts were assembled correctly according to the instruction manual.
- **Parts Detaching:**
 - Re-examine the assembly steps for the affected section in the printed manual to ensure all connections are firm.

If problems persist, please contact Reobrix customer support for further assistance.

8. SPECIFICATIONS

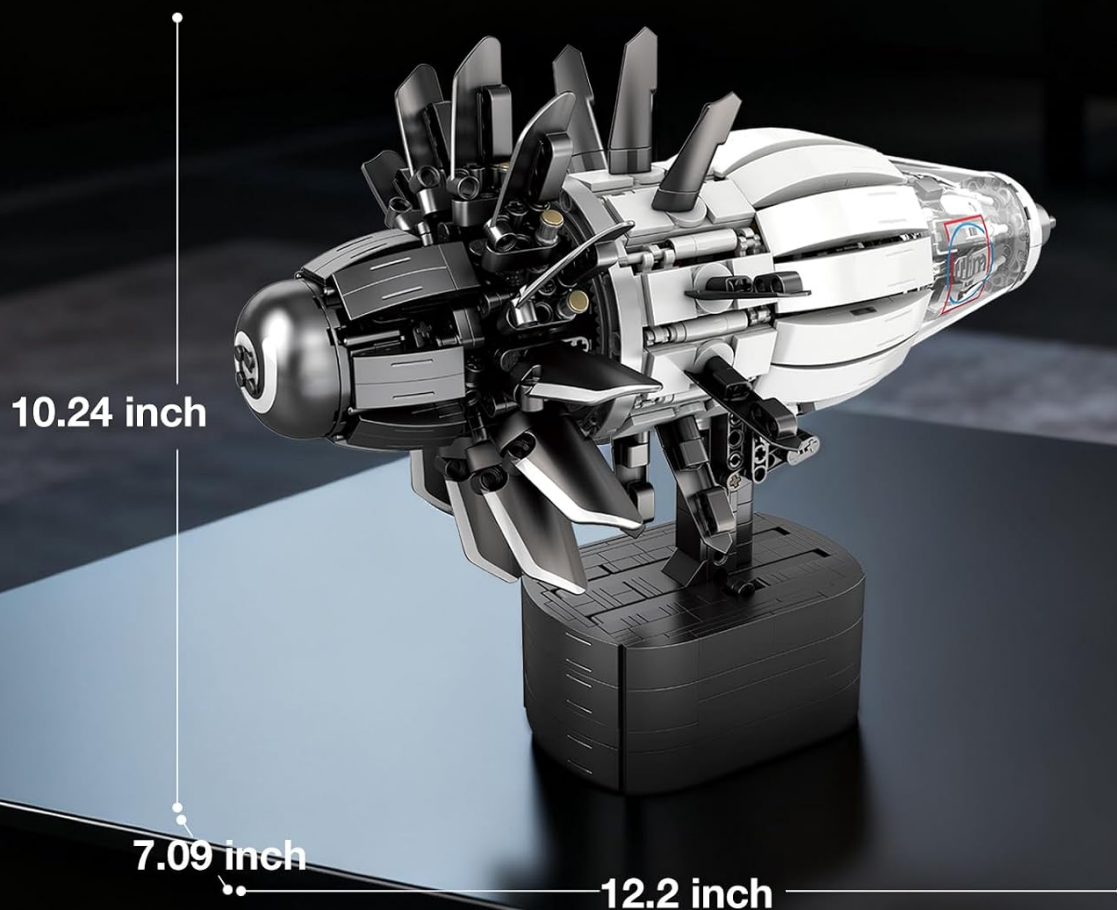
Feature	Detail
Brand	Reobrix
Model Number	33018
Number of Pieces	1351
Item Weight	3.01 pounds
Product Dimensions (L x W x H)	12.2 x 7.09 x 10.24 inches
Manufacturer Recommended Age	14 years and up
Manufacturer	Shantou Juhang Toys Technology Co., Ltd.

PRODUCT SIZE

SIZE: 12.2x7.09x10.24 inches

PCS: 1351

AGE: 14+



Dimensions of the assembled Reobrix Aircraft Engine Model.

9. WARRANTY AND SUPPORT

For any questions, concerns, or support needs regarding your Reobrix Aircraft Engine Model, please refer to the contact information provided in the physical product manual or visit the official Reobrix website. Information regarding product warranty, if applicable, will also be detailed in the included product documentation.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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