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› Reobrix Aircraft Engine Model Kit 33019 Instruction Manual

Reobrix 33019

Reobrix Aircraft Engine Model Kit 33019 Instruction Manual

Model: 33019

PRODUCT OVERVIEW

The Reobrix Aircraft Engine Model Kit 33019 is a detailed building set designed for enthusiasts aged 14 and above. This kit allows you to construct a functional aircraft turbofan engine model with moving parts, including intake blades and internal mechanics. The assembled model features an electric motor that powers the fan, offering a realistic operational experience. It serves as both an engaging building project and an educational display piece.

The set includes 1813 pieces and a comprehensive instruction guide to facilitate assembly.



Image: Detailed view of the Reobrix Aircraft Engine Model 33019, highlighting key components such as the intake blades, compressor, turbines, motor, and control switch.

SETUP AND ASSEMBLY

Carefully unpack all components and verify that all 1813 pieces are present using the provided parts list in the instruction guide. Follow the step-by-step instructions in the manual for assembly. Pay close attention to the orientation of pieces and connections to ensure proper functionality of the moving parts and electrical components.

The assembly process involves constructing the engine casing, internal turbine mechanisms, and the display stand. The instruction guide is designed with clear illustrations to assist in each step.

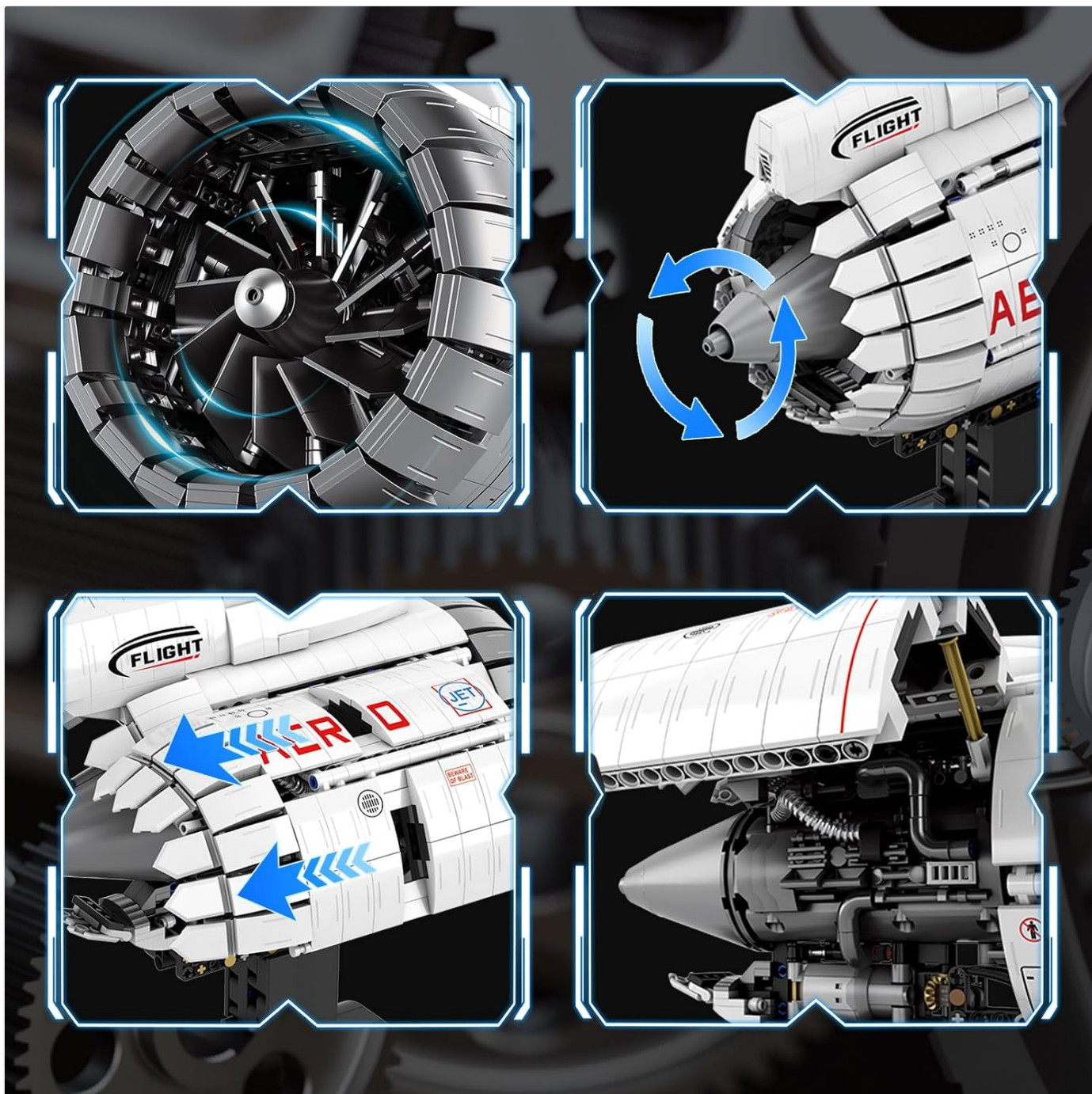


Image: Close-up views demonstrating the detailed fan movement, the openable engine shell revealing internal mechanics, and the simulated operating mechanism.

Battery Installation: The set requires 6 AAA batteries (not included) for the motor. Install these into the battery box located within the display stand according to the polarity markings.

OPERATING INSTRUCTIONS

Once fully assembled and batteries are installed:

1. Ensure the model is securely placed on its display stand.
2. Locate the power switch on the display stand (refer to the product overview image for location).
3. Flip the switch to the "ON" position to activate the motor. The intake blades will begin to spin, simulating a working aircraft engine.

- 4. To observe the internal mechanics, gently open the side panels of the engine casing. This allows for a visual inspection of the compressor and turbine components while the engine is running.
- 5. To turn off the engine, flip the power switch to the "OFF" position.

Important: Do not obstruct the moving parts while the engine is operating. Keep fingers and loose objects away from the intake blades.

Your browser does not support the video tag.

Video: Demonstration of the Reobrix Aircraft Engine Model 33019 in operation, showing the spinning intake blades and the opening engine casing to reveal internal components.

Your browser does not support the video tag.

Video: A closer look at the Reobrix 33019 Aircraft Engine Building Set, showcasing its functional features and detailed design.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe down the model to remove dust. Avoid using harsh chemicals or abrasive materials, as these can damage the plastic components.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures to prevent warping or discoloration of the plastic.
- **Battery Care:** If the model will not be used for an extended period, remove the AAA batteries from the battery box to prevent leakage and potential damage to the electrical components.
- **Component Integrity:** Periodically check for any loose or damaged pieces. Reattach or replace as necessary to maintain the model's structural integrity and functionality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor does not run.	• Batteries are dead or incorrectly installed. • Power switch is off. • Loose electrical connection.	• Replace with fresh AAA batteries, ensuring correct polarity. • Ensure the power switch on the stand is in the "ON" position. • Check all wired connections within the model and stand for secure fit.
Pieces do not fit together securely.	• Incorrect piece used. • Misalignment during assembly.	• Refer to the instruction guide to verify the correct piece for the step. • Disassemble the section and reassemble carefully, ensuring proper alignment and firm connections.

Problem	Possible Cause	Solution
Engine casing panels do not close properly.	- Internal components are obstructing closure. - Hinges are misaligned or damaged.	- Check for any misplaced pieces inside the engine that might prevent the panels from closing. - Inspect the hinge mechanisms for proper assembly and function.

SPECIFICATIONS

- Model Number:** 33019
- Brand:** Reobrix
- Number of Pieces:** 1813
- Product Dimensions:** 10.63 x 6.3 x 11.42 inches (Length x Width x Height)
- Item Weight:** 4.77 pounds
- Power Source:** 6 x AAA batteries (not included)
- Recommended Age:** 14+

PRODUCT SIZE

1813 PCS



Image: Product dimensions of the Reobrix Aircraft Engine Model 33019.

WARRANTY AND SUPPORT

For any missing parts, assembly questions, or operational issues not covered in this manual, please contact Reobrix customer support. Keep your purchase receipt as proof of purchase for any warranty claims. Please refer to the packaging or the official Reobrix website for the most current warranty information and contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question