

CaDA C56052W

CaDA NASA Space Shuttle Discovery Model C56052W Instruction Manual

Model: C56052W | Brand: CaDA

1. INTRODUCTION

This manual provides detailed instructions for assembling and understanding the features of your CaDA NASA Space Shuttle Discovery Model C56052W. This 1:85 scale building set, officially licensed by NASA, allows you to recreate the iconic Space Shuttle Discovery and the Hubble Space Telescope. It is designed for enthusiasts aged 14 and above, offering a rewarding and educational building experience.

Included Components:

- Building bricks for Space Shuttle Discovery and Hubble Telescope
- Instruction Manual (this document)
- Display Stand with "Discovery" nameplate
- Total of 1,827 pieces

2. SAFETY INFORMATION

Please read and understand all safety warnings before beginning assembly. This product contains small parts and is not suitable for children under 3 years due to choking hazards. Adult supervision is recommended for younger builders (14+).

- **Choking Hazard:** Small parts. Keep away from young children.
- **Assembly:** Follow instructions carefully to prevent damage or injury.
- **Material:** Made from durable plastic. Avoid exposure to extreme temperatures or direct sunlight for prolonged periods to prevent material degradation.

3. ASSEMBLY INSTRUCTIONS

The assembly process is divided into several stages. Ensure you have a clean, well-lit workspace. Sort pieces by type and color to facilitate the building process. Refer to the included printed instruction manual for step-by-step visual guides.

3.1. Unpacking and Preparation

1. Carefully open the product packaging and remove all bags of building bricks and the instruction manual.
2. Organize the numbered bags according to the assembly steps outlined in the printed manual.
3. Familiarize yourself with the different types of bricks and connectors.

3.2. Building the Space Shuttle Discovery

Follow the detailed illustrations in your physical instruction manual. The model is designed for a precise fit, so ensure all connections are secure.



**BUILD YOUR OWN
SPACE ADVENTURE**

Image: Hands assembling the CaDA Space Shuttle Discovery model. The image shows a person's hands carefully placing building blocks onto the main body of the shuttle, with an instruction manual and loose pieces visible on a table.

Key Assembly Areas:

- **Fuselage:** Construct the main body, ensuring proper alignment of printed NASA logos and U.S. flags.
- **Wings and Tail:** Attach the wings and vertical stabilizer, paying attention to the movable control surfaces.
- **Engines:** Assemble the detailed engine nozzles at the rear of the shuttle.
- **Cockpit:** Build the cockpit section, which is designed to open.
- **Cargo Bay:** Construct the cargo bay doors, designed for operational functionality.
- **Landing Gear:** Integrate the retractable landing gear mechanism.

3.3. Building the Hubble Space Telescope

The Hubble Telescope model is built separately and can be integrated into the shuttle's cargo bay or displayed independently.



Image: Top-down view of the CaDA Space Shuttle Discovery model with the Hubble Telescope model. The shuttle's cargo bay is open, revealing the Hubble Telescope inside, along with other internal details.

4. OPERATING FEATURES

Your CaDA Space Shuttle Discovery model includes several interactive features:

- **Openable Cockpit:** The cockpit canopy can be opened to reveal interior details.
- **Operable Cargo Bay Doors:** The large cargo bay doors can be opened and closed, allowing for deployment or storage of the Hubble Telescope.
- **Retractable Landing Gear:** The landing gear can be extended for display or retracted for flight configuration.
- **Maneuverable Robotic Arm:** The robotic arm within the cargo bay can be positioned to simulate satellite

deployment.

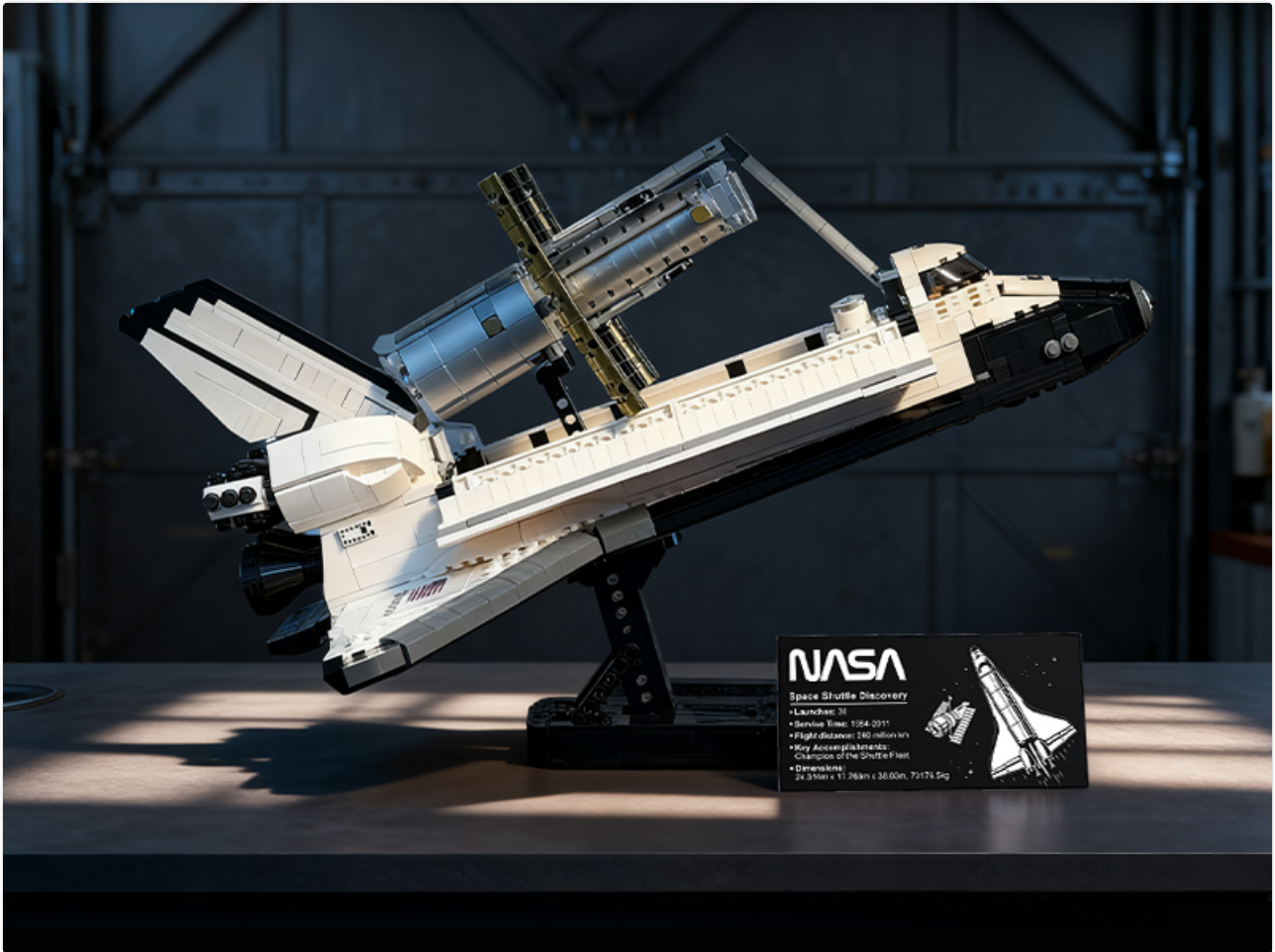


Image: Close-up of the openable cockpit canopy of the Space Shuttle Discovery model, showing the detailed interior.

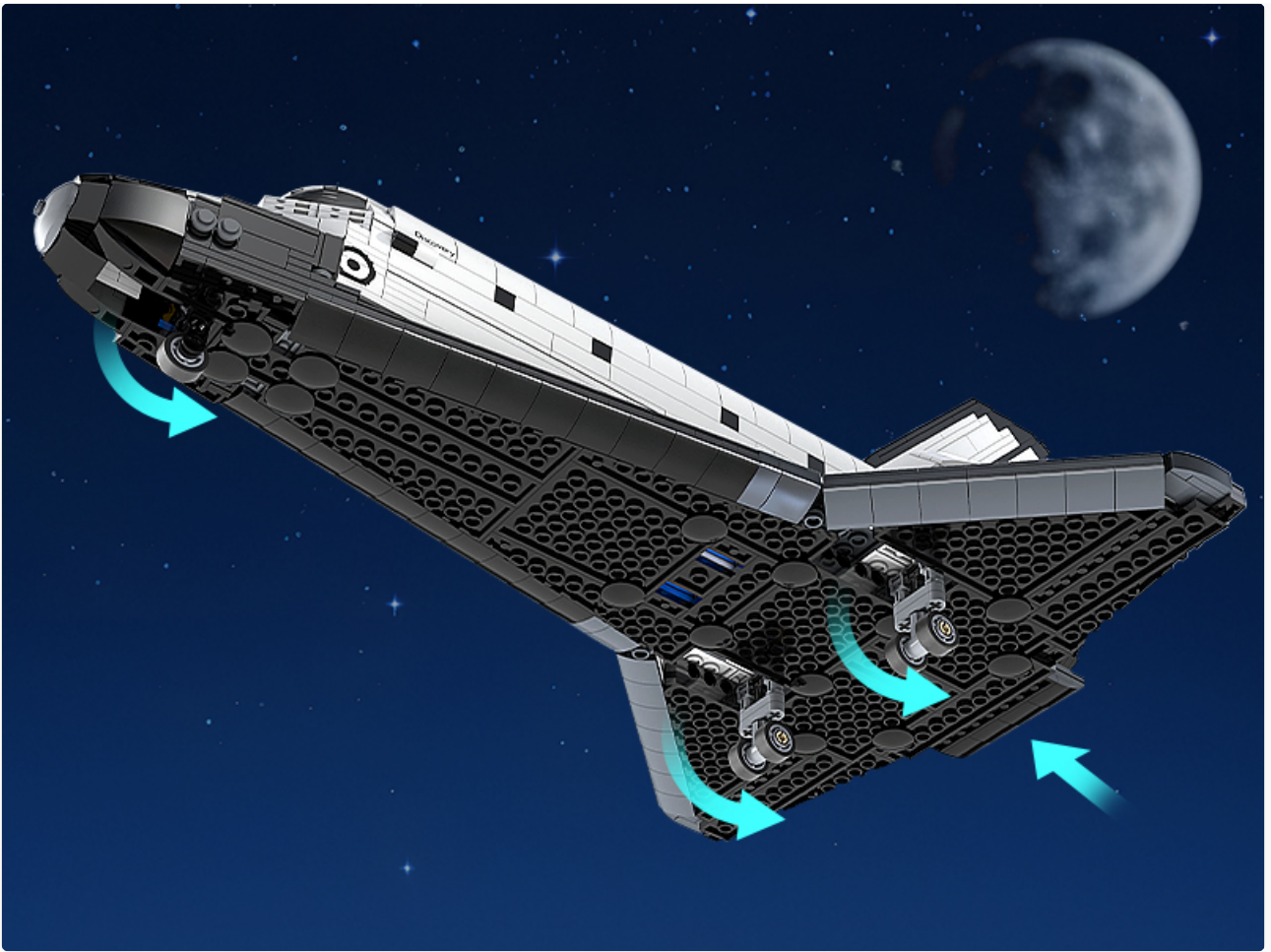


Image: Underside view of the Space Shuttle Discovery model, highlighting the retractable landing gear mechanism.

5. DISPLAY AND CARE

To showcase your completed model, use the included display stand and nameplate. The stand is designed to hold the shuttle in an elevated position, perfect for a desk or bookshelf.



Image: The CaDA Space Shuttle Discovery model displayed on its stand, featuring a nameplate with "Discovery" and NASA branding. The model is positioned on a wooden surface in a room setting.

Care Instructions:

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the model. Avoid abrasive cleaners or excessive moisture.
- **Storage:** Store the model in a stable environment, away from direct sunlight, high humidity, or extreme temperature fluctuations to preserve its integrity and color.
- **Handling:** Handle the model carefully, especially when operating movable parts, to prevent accidental detachment of pieces.

6. TROUBLESHOOTING

If you encounter any issues during assembly or operation, consider the following:

- **Missing Pieces:** Double-check all packaging and sorting areas. If a piece is genuinely missing, contact CaDA customer support.

- **Loose Connections:** Ensure all bricks are firmly pressed together. Some connections may require more force than others.
- **Movable Parts Not Functioning:** Verify that all gears, axles, and connecting rods are correctly installed and free from obstruction as per the manual's diagrams.

7. SPECIFICATIONS

Feature	Detail
Brand	CaDA
Model Number	C56052W
Scale	1:85
Number of Pieces	1,827
Material Type	Plastic
Item Dimensions (L x W x H)	17.56 x 11.46 x 7.24 inches
Item Weight	5.5 Pounds
Recommended Age	14+ years (Manufacturer Minimum Age: 168 months)
Operation Mode	Manual

8. ADDITIONAL RESOURCES

Explore the dynamic features of a similar space shuttle building set in the video below. While not the exact model, it demonstrates common functionalities and intricate details found in advanced building sets.

Your browser does not support the video tag.

Video: A demonstration of a space shuttle building set, showcasing its assembly and interactive features. This video highlights the detailed design and operational aspects of a similar model, including internal mechanisms and movable parts.

9. WARRANTY AND SUPPORT

This product is manufactured by CADA. For any inquiries regarding missing parts, assembly assistance, or product information, please contact CaDA customer support directly. Refer to the product packaging or the official CaDA website for specific contact details.

Return Policy: This product is subject to a 30-day refund/replacement policy. Please refer to your retailer's return policy for full details.