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› FLYBOTIC Sky Knight RC Helicopter User Manual

Silverlit S7192860 / 84754

FLYBOTIC Sky Knight RC Helicopter User Manual

Model: Sky Knight (S7192860 / 84754)

Brand: Silverlit

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1. PRODUCT OVERVIEW

The FLYBOTIC Sky Knight is a 2.4 GHz remote-controlled helicopter designed for both indoor and outdoor use. It features a coaxial rotor system for enhanced stability, automatic take-off and landing, and an integrated gyroscope for precise control. The helicopter also includes LED light effects and offers three difficulty levels to accommodate varying skill sets.



Image 1.1: Front-side view of the FLYBOTIC Sky Knight RC Helicopter.

DIMENSIONS DU PRODUIT



Image 1.2: Side view of the FLYBOTIC Sky Knight RC Helicopter, showcasing its design.

2. SAFETY INFORMATION

WARNING:

- Not suitable for children under 36 months due to small parts.
- Always use under adult supervision.
- Ensure the flying area is clear of obstacles, people, and animals.
- Do not fly near power lines, roads, or water.
- Avoid flying in strong winds or adverse weather conditions.
- Do not touch the rotating blades during operation.
- Always turn off the helicopter and remote control when not in use.
- Handle the Li-Po battery with care. Do not puncture, heat, or expose to water.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Sky Knight Helicopter
- 1 x Remote Controller
- 1 x USB Charging Cable
- (Additional propellers may be included as spares)



Image 3.1: The Sky Knight helicopter, its remote controller, and the product box.

4. SETUP GUIDE

4.1. Charging the Helicopter Battery

The helicopter is powered by a 3.7V, 600mAh Li-Po battery (included). It must be charged before first use.

1. Connect the provided USB charging cable to the helicopter's charging port.
2. Plug the other end of the USB cable into a USB power source (e.g., computer USB port, USB wall

adapter).

3. The charging indicator light will show the charging status (refer to the specific light behavior in your product's detailed manual if available).
4. Charging time is approximately 60 minutes. Do not overcharge.



Image 4.1: Visual representation of USB charging and other key features.

4.2. Installing Remote Controller Batteries

The remote controller requires 4x AA batteries (not included).

1. Open the battery compartment on the back of the remote controller.
2. Insert 4 new AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

4.3. Pairing the Helicopter and Remote Controller

The Sky Knight uses 2.4 GHz technology for a stable connection.

1. Ensure the helicopter battery is charged and the remote controller has fresh batteries.
2. Place the helicopter on a flat, level surface with its tail facing you and nose pointing forward.
3. Turn on the helicopter.
4. Ensure the left throttle stick on the remote controller is at the MINIMUM (lowest) position.
5. Turn on the remote controller.
6. The remote and helicopter will automatically pair. A successful connection is usually indicated by a solid light on both devices (refer to your product's specific indicator lights).

5. OPERATING INSTRUCTIONS

5.1. Pre-Flight Checks

- Ensure batteries are fully charged in the helicopter and fresh in the remote.
- Check that all blades are securely attached and free from damage.

- Verify the flying area is safe and clear.

5.2. Basic Flight Controls

The Sky Knight features a coaxial rotor system for enhanced stability, making it easier to control.

- **Left Stick (Throttle/Yaw):**
 - Push up: Increase altitude (Throttle)
 - Pull down: Decrease altitude (Throttle)
 - Left/Right: Rotate helicopter left/right (Yaw)
- **Right Stick (Forward/Backward/Side-to-Side):**
 - Push up: Fly forward
 - Pull down: Fly backward
 - Left/Right: Fly left/right (Strafe)
- **Automatic Take-off/Landing Button:** Press for automated ascent or descent.
- **Hovering Function:** The helicopter can maintain a stable hover.

5.3. First Flight Tips

For initial flights, focus on maintaining a stable altitude.

1. After pairing, gently press the automatic take-off button or slowly push the left throttle stick upwards to lift the helicopter.
2. Practice keeping the helicopter at a constant altitude of approximately one meter using small adjustments to the throttle stick.
3. Once comfortable with altitude control, begin to practice directional control using the right stick.
4. The helicopter offers 3 difficulty levels. Start with the lowest difficulty and gradually increase as your skills improve.



Image 5.1: A child operating the Sky Knight helicopter outdoors.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the helicopter. Do not use water or chemical cleaners.
- **Blade Inspection:** Regularly check the rotor blades for any signs of damage (cracks, bends). Replace damaged blades immediately using spare parts if available.

- **Storage:** Store the helicopter and remote control in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote if storing for extended periods.
- **Battery Care:** Do not leave the Li-Po battery fully charged or fully discharged for long periods. Charge it to about 50% for storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Helicopter does not respond to remote.	Low battery in helicopter or remote. Not properly paired. Out of range.	Charge helicopter battery; replace remote batteries. Re-pair the helicopter and remote (see Section 4.3). Move closer to the helicopter (max range approx. 30m).
Helicopter cannot take off or flies weakly.	Helicopter battery low. Damaged rotor blades.	Fully charge the helicopter battery. Inspect and replace any damaged blades.
Helicopter drifts or is unstable.	Not calibrated on a flat surface. Wind interference. Minor damage to blades or frame.	Ensure helicopter is placed on a flat surface before turning on. Fly in calm conditions. Inspect for damage and repair/replace as needed.
LED lights not working.	Helicopter battery low. Internal wiring issue.	Charge the helicopter battery. Contact customer support if issue persists.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Silverlit (FLYBOTIC)
Model Name	Sky Knight (S7192860 / 84754)
Material	Plastic
Color	Red
Power Source	Battery Powered
Helicopter Battery	1 x 3.7V, 600mAh Li-Po (included)
Remote Controller Batteries	4 x AA (not included)
Charging Time	Approx. 60 minutes
Play Time	Approx. 5 minutes

Feature	Detail
Control Frequency	2.4 GHz
Range	Approx. 30 meters
Special Features	2.4 GHz Technology, Light Effects, Integrated Gyroscope, Automatic Take-off/Landing, Coaxial Rotor System, 3 Difficulty Levels
Dimensions (Product)	43 cm (L) x 15 cm (W) x 18 cm (H)
Weight	600 Grams
Recommended Age	14 years and up (Manufacturer's minimum recommended age is 168 months, which is 14 years)



Image 8.1: Product dimensions of the Sky Knight helicopter.

9. WARRANTY & SUPPORT

The FLYBOTIC Sky Knight helicopter comes with a manufacturer's warranty of **2 years**.

For warranty claims, technical support, or inquiries regarding spare parts, please contact Silverlit customer service. Refer to the product packaging or the official Silverlit website for the most up-to-date contact information.

It is recommended to retain your proof of purchase for warranty purposes.

