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› HAWK'S WORK 2 CH RC Airplane Model HW-NRTV-001 User Manual

HAWK'S WORK HW-NRTV-001

HAWK'S WORK 2 CH RC Airplane User Manual

MODEL: HW-NRTV-001

Introduction

This manual provides essential instructions for the safe operation, assembly, and maintenance of your HAWK'S WORK 2 CH RC Airplane, Model HW-NRTV-001. Please read this manual thoroughly before operating the aircraft to ensure proper function and to prevent damage or injury.

Safety Warnings

- Always operate the RC airplane in open, clear areas away from people, animals, buildings, and power lines.
- Do not fly in strong winds (recommended wind speed under 3 m/s).
- Keep fingers and loose clothing away from propellers when the aircraft is powered on.
- Ensure all batteries are fully charged and correctly installed before each flight.
- Adult supervision is recommended for children under 14 years of age.
- Do not attempt to modify the aircraft or its components.

What's in the Box

Verify that all components listed below are included in your package:

- 1 x HAWK'S WORK 2 CH RC Airplane (Model HW-NRTV-001)
- 1 x 2.4 GHz Remote Controller
- 2 x 3.7V 300mAh Lithium Batteries
- 3 x AA Batteries (for controller - *Note: Product description states included, but video review says not included. User should verify.*)
- 2 x Spare Propellers
- 1 x USB Charging Cable
- 1 x User Manual (English & Chinese)
- Landing Gears



Image: Contents of the HAWK'S WORK 2 CH RC Airplane package, including the red airplane, remote control, two lithium batteries, spare propellers, and a USB charging cable.

Setup

1. Install Landing Gears

Gently attach the landing gear components to the designated slots on the underside of the aircraft. Ensure they are securely clipped into place.



Image: Step-by-step diagram illustrating how to install the landing gears onto the main body of the RC airplane.

2. Install Batteries

- **Aircraft Battery:** Open the battery compartment on the aircraft. Connect the 3.7V 300mAh lithium battery and carefully place it inside the compartment. Close the compartment securely.
- **Remote Controller Batteries:** Open the battery cover on the back of the 2.4 GHz remote controller. Insert 3 AAA batteries, ensuring correct polarity. Close the battery cover.

2.4GHZ REMOTE CONTROL



100m / 110yd



Image: Detailed view of the RC airplane's internal components, including the power switch, antenna, power light, 300mAh Lipo battery, and connector. Also shows the remote control with AAA battery slots.

Operating Instructions

Remote Control Overview

The 2.4 GHz remote controller allows for 2-channel control, primarily managing throttle (up/down) and turning (left/right).

40 MINS PLAY TIME



Image: A diagram of the remote control, highlighting the power light, power switch, high/low speed button, throttle, left trimmer, right trimmer, and left/right control stick.

- **Throttle (Left Stick):** Controls the aircraft's altitude. Pushing up increases power and causes the plane to climb; pulling down reduces power and causes it to descend.
- **Left & Right (Right Stick):** Controls the aircraft's turning direction. Moving the stick left or right adjusts the differential thrust of the propellers, causing the plane to turn in the desired direction.
- **High/Low Speed Button:** Toggles between different flight speeds.
- **Trimmers:** Used to fine-tune the aircraft's flight path if it drifts without input.

First Flight Preparation (Binding)

1. Turn on the aircraft's power switch. The power light will blink.
2. Turn on the remote controller's power switch.
3. Move the left joystick (throttle) all the way down, then all the way up, and then all the way down again. The lights on both the aircraft and the remote will become solid, indicating a successful bind.

Flying Instructions

The HAWK'S WORK RC Airplane is designed for easy flight, featuring a built-in self-stabilization system. It supports two methods of takeoff:

- **Hand Throw:** Hold the aircraft firmly and gently throw it forward into the wind while simultaneously applying throttle.
- **Ground Takeoff:** Place the aircraft on a smooth, flat surface. Gradually increase throttle, and the aircraft will gain speed and lift off.

Hand Throw



TWO WAYS OF TAKING OFF



Image: A hand launching the red RC airplane into the air, demonstrating the hand-throw takeoff method.

6-AXIS GYROSCOPE

Easy to fly for all level pilots



Image: A sequence of images depicting the red RC airplane accelerating and taking off from a runway, illustrating the ground takeoff method.

Controlling Flight Attitude

The aircraft's flight is controlled by adjusting throttle for altitude and differential thrust for turning. The 6-axis gyroscope provides stability, making it easier for beginners.

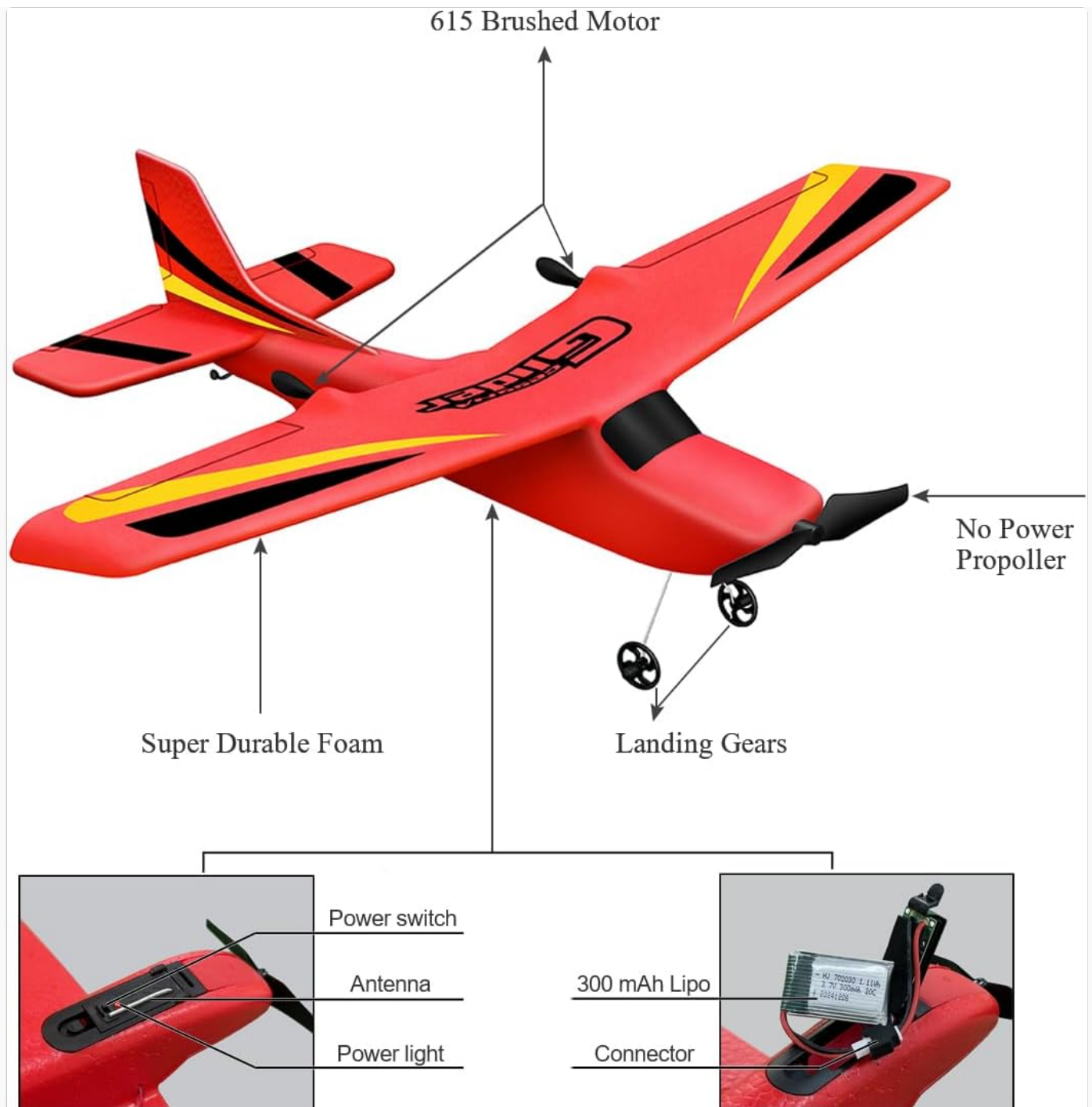


Image: A diagram of the RC airplane from top and side views, with circular arrows indicating the stabilization provided by the 6-axis gyroscope.

- **Ascending/Descending:** Use the left joystick (throttle) to control the speed of the propellers. More throttle increases lift, less throttle decreases lift.
- **Turning:** Use the right joystick to control the direction. The plane turns by adjusting the power to the two rear propellers independently.

Landing

To land, gradually reduce the throttle while maintaining a level flight path. Aim for a soft landing on a grassy area or a smooth surface. The durable foam construction helps absorb impacts.

Maintenance

- **Propeller Replacement:** If a propeller is damaged, carefully remove it and replace it with a spare. Note that

propellers are specifically marked for left (L) and right (R) sides.

- **Battery Care:** Always fully charge the lithium batteries before use. Disconnect batteries from the aircraft and remote when not in use. Store batteries in a cool, dry place.
- **Cleaning:** Wipe the aircraft with a soft, dry cloth to remove dirt or debris. Avoid using water or harsh chemicals.
- **Storage:** Store the aircraft and remote in a safe place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Aircraft does not respond to remote.	Not bound, low batteries, out of range.	Re-bind the aircraft and remote. Charge/replace batteries. Ensure within 100m range.
Aircraft flies erratically or drifts.	Trimmers need adjustment, strong wind.	Adjust trimmers on the remote. Avoid flying in windy conditions.
Propellers not spinning.	Damaged propeller, motor issue, low battery.	Check for obstructions. Replace damaged propellers. Charge aircraft battery.
Short flight time.	Battery not fully charged, old battery.	Ensure batteries are fully charged (approx. 40-60 mins). Consider replacing old batteries.

Specifications

- **Product Dimensions:** 11.81 x 13.78 x 3.54 inches
- **Item Weight:** 14.4 ounces
- **Item Model Number:** HW-NRTV-001
- **Manufacturer Recommended Age:** 8 years and up
- **Batteries:** Lithium Metal batteries required (included for aircraft), AAA batteries for remote (not included).
- **Control System:** 2.4GHz Radio Control System
- **Channels:** 2 CH
- **Stabilization:** Built-in self-stabilization system (6-axis gyroscope)
- **Material:** Durable Foam (EPP)

INSTRUCTIONS

Install landing gears



1 2

Install batteries



Bind

3 4

① Turn on plane



② Turn on the controller



③ Move the throttle down, up and down



Start to fly



Image: A visual representation of the RC airplane's dimensions (length 35cm/13.8in, wingspan 30cm/11.8in) and a clear layout of all included accessories.

Warranty and Support

HAWK'S WORK offers the following warranty:

- **Aircraft Warranty:** 1 year against non-human problems.
- **Battery Warranty:** 3 months against non-human problems.

For technical support or warranty claims, please contact HAWK'S WORK via Amazon message or the support email provided in the original manual. It is common to encounter issues with hobby RC planes, and our support team is available to assist you.

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

Open the live page

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