

## F09H UH-60

# Generic F09H UH-60 Scale RC Helicopter User Manual

Model: F09H UH-60

## 1. IMPORTANT SAFETY INFORMATION

Keep away from naked flame or direct heat sources. Please refer to the manual for details.

### General Safety Guidelines:

- Always operate the helicopter in open areas, away from people, animals, and obstacles.
- Do not fly near power lines, roads, or water bodies.
- Ensure the battery is fully charged before each flight.
- Inspect the helicopter for any damage before and after each flight.
- Adult supervision is recommended for users under 18 years of age.
- Do not touch rotating blades during operation.

## 2. PRODUCT OVERVIEW

The Generic F09H UH-60 is an advanced 1/47 scale RC helicopter designed for precision flight and durability. It features a robust construction with nylon-carbon fiber composite blades and intelligent flight controls.

# F09-H SH-60 RESCUE HELICOPTER

● TWO WAY  
TRANSMISSION

● GPS  
POSITIONING

● VR IMAGE  
TRANSMISSION



Image: The F09H UH-60 Scale RC Helicopter, showcasing its detailed design and flight capabilities including two-way transmission, GPS positioning, and VR image transmission.

## Key Features:

- Nylon-carbon fiber composite blades for strength and impact resistance.

- Powerful 4006 brushless main motor and 1104 brushless tail motor.
- Upgraded 4.3g metal digital servo for enhanced precision.
- 6-axis gyroscope with GPS stabilization for stable and acrobatic flight.
- Intelligent flight controls: one-key return, low-power return, circular flight, heart-shaped flight.
- 8-channel 2.4G RC transmitter with LED display and real-time telemetry.

### 3. PACKAGE CONTENTS

Verify all components are present in the package:



Image: All items included in the F09H UH-60 helicopter package, featuring the helicopter, remote control, instruction manual, balance charger, main paddles, tail paddle, smart battery, and camera.

- Aircraft \*1
- RC Transmitter \*1
- Instructions Manual \*1
- Balance Charger \*1
- Main Paddle \*4
- Tail Paddle \*1
- Smart Battery (3S 11.1V 1350mAh 30C) \*1

- Camera \*1

## 4. SETUP AND PREPARATION

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### 4.1 Battery Charging

1. Connect the intelligent LIPO battery to the provided balance charger.
2. Plug the balance charger into a suitable power outlet.
3. Allow approximately 75 minutes for a full charge. The charger's indicator light will signal completion.
4. Do not overcharge the battery. Always supervise charging.

### 4.2 Installing Main and Tail Paddles

Ensure the main and tail paddles are securely attached before flight. Refer to the included instruction manual for detailed diagrams.



Image: Top-down view of the F09H UH-60 helicopter, highlighting the main rotor blades and the tail rotor, which are made of nylon-carbon fiber composite material.

### 4.3 Transmitter Preparation

- Install required batteries (not specified, assume AA or AAA) into the 8-channel RC transmitter.
- Power on the transmitter.
- Refer to the specific binding procedure in the included manual to link the transmitter with the helicopter.

## 5. OPERATING INSTRUCTIONS

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## 5.1 Basic Flight Controls

The 8-channel transmitter allows for precise control. Familiarize yourself with the stick functions before flight.

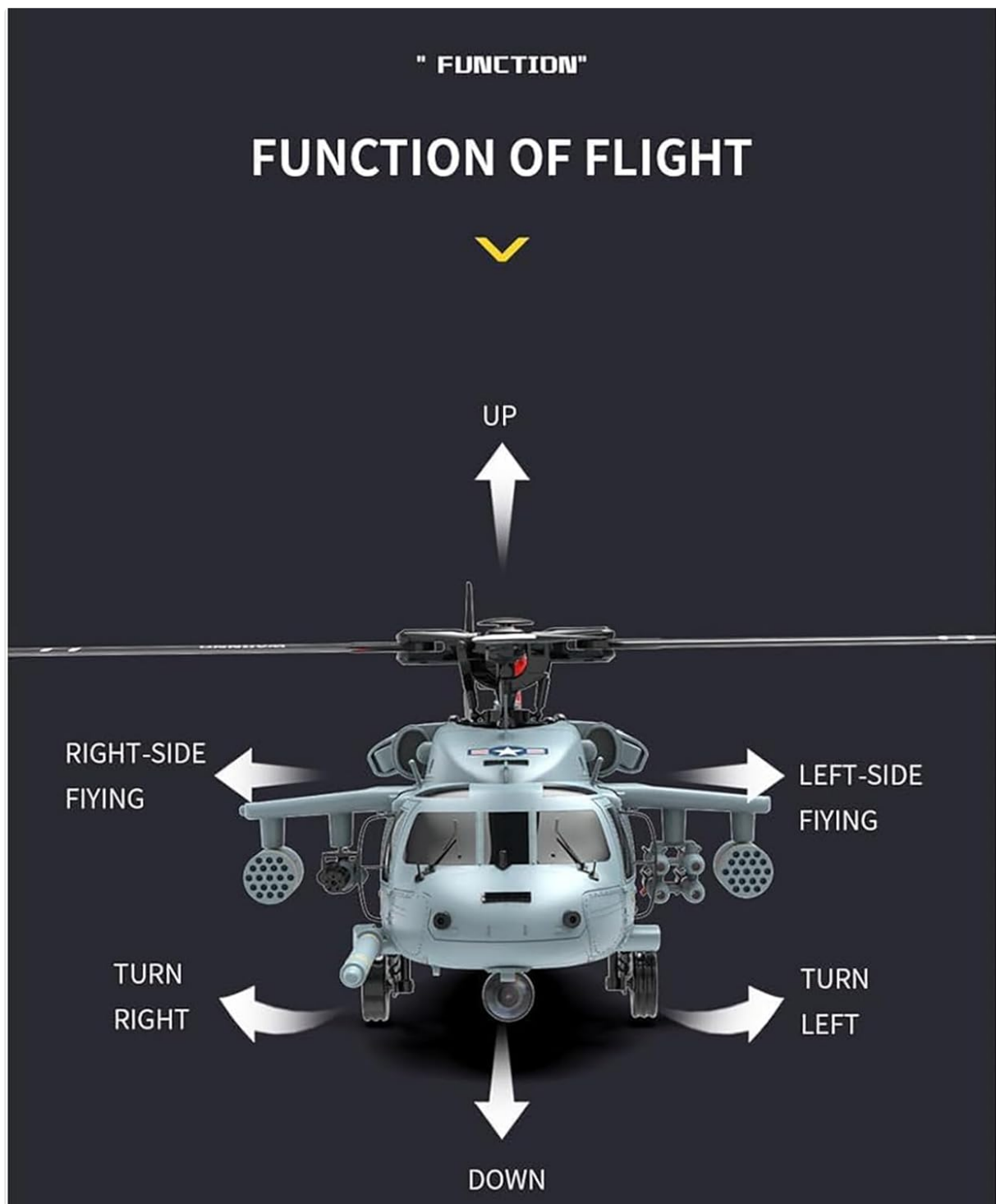


Image: A diagram illustrating the basic flight controls: Up, Down, Turn Left, Turn Right, Left-Side Flying, and Right-Side Flying, as controlled by the remote transmitter.

- **Throttle (Up/Down):** Controls altitude.
- **Rudder (Turn Left/Right):** Controls yaw (rotation around vertical axis).
- **Aileron (Left-Side Flying/Right-Side Flying):** Controls roll (sideways movement).
- **Elevator (Forward/Backward):** Controls pitch (forward/backward movement).

## 5.2 Intelligent Flight Functions

The F09H UH-60 is equipped with several intelligent flight modes for enhanced safety and ease of use:

# ENRICH INTELLIGENT FUNCTIONS

A NUMBER OF AMAZING TECHNICAL PERFORMANCES

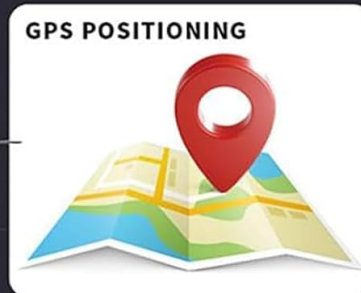


Image: Visual representation of intelligent functions including Optical Flow Mode, One Key to Land, VR Image Transmission, and GPS Positioning, enhancing the helicopter's operational capabilities.

- **One-Key Return:** Initiates an automatic return to the takeoff point.
- **Low-Power Return:** The helicopter will automatically return when the battery level is critically low.
- **Circular Flight:** The helicopter performs a circular flight path around a designated point.
- **Heart-Shaped Flight:** The helicopter performs a heart-shaped flight path.
- **GPS Stabilization:** Utilizes GPS for precise hovering and stable flight, even in windy conditions.
- **Optical Flow Mode:** Provides stable hovering indoors or in areas without GPS signal.
- **VR Image Transmission:** Allows for real-time video feed to a compatible VR device (camera required).

Refer to the transmitter's manual for specific button assignments and activation procedures for these functions.

## 6. MAINTENANCE

### 6.1 General Care

- Clean the helicopter with a soft, dry cloth after each use.

- Avoid exposure to moisture or extreme temperatures.
- Store the helicopter and battery in a cool, dry place.

## 6.2 Blade Inspection and Replacement

Regularly inspect the main and tail blades for any signs of damage (cracks, bends, chips). Damaged blades can affect flight stability and safety.

### CARBON FIBER COMPOSITE MATERIAL

The blade adopts nylon + carbon fiber composite material, high strength good toughness, impact resistance, no deformation and durable





**Tail-lock motor uses special 1104 5200KV brushless motor**

« It has the characteristics of high temperature resistance, fast response speed, stable and long time working and not easy to damage.

**It has no aileron design**

Dual-axis co-drive motor, electronic stability system, feel more accurate, flight more stable, optimized structure to reduce the chance of damage. »



Image: Detailed view of the helicopter's carbon fiber composite main blades and the 1104 5200KV brushless tail motor, emphasizing their durability and performance characteristics.

- If a blade is damaged, replace it immediately with an original spare part.
- Ensure blades are installed correctly and securely.

## 6.3 Motor Care

- The brushless motors (4006 main, 1104 tail) are designed for longevity. Avoid prolonged operation in dusty or sandy environments.
- Do not obstruct the motors during operation.

## 7. TROUBLESHOOTING

If you encounter issues, consult the following table before contacting support:

Problem	Possible Cause	Solution
Helicopter does not power on.	Battery not charged or incorrectly installed.	Ensure battery is fully charged and correctly inserted.
Remote control does not respond.	Transmitter batteries low or not bound to helicopter.	Replace transmitter batteries. Re-bind the transmitter and helicopter as per manual.
Unstable flight or drifting.	Blades damaged, helicopter not calibrated, or strong wind.	Inspect and replace damaged blades. Perform flight calibration. Fly in calm conditions.
Short flight time.	Battery not fully charged or aging battery.	Ensure battery is fully charged. Consider replacing old batteries.
Loss of signal during flight.	Out of range or interference.	Fly within the specified range (greater than 120 meters). Avoid areas with strong electromagnetic interference.

## 8. SPECIFICATIONS

Feature	Detail
Material	High Strength Composite Engineering Material
Color	Grey Red
Scale	1/47
Rotor Diameter	425mm
Fuselage Length	420mm
Height	350mm
Aircraft Weight	425g
Drive Motor	4006 630KV Brushless Motor
Lock Tail Motor	1104 5200KV Brushless Motor
Remote Control	2.4G/ 8-Channel LED Display RC
RC Distance	Greater than 120 meters
Fuselage Battery	3S 11.1V 1350mAh 30C Intelligent LIPO Battery
Charger	Balance Charger
Charging Time	About 75 minutes
Usage Time	9-12 minutes



Feature	Detail
Product Dimensions	42 x 42.5 x 12cm (1 x 1 x 1 inches)
Item Weight	2.2 pounds (approx. 998g)
Item Model Number	22027828
Manufacturer Recommended Age	6 - 15 years

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase.

Manufacturer: Generic