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› Goolsky FX822 F-22 Raptor RC Plane User Manual

Goolsky FX822

Goolsky FX822 F-22 Raptor RC Plane User Manual

Model: FX822

1. INTRODUCTION

This user manual provides essential information for the safe and effective operation of your Goolsky FX822 F-22 Raptor RC Plane. Please read this manual thoroughly before operating the aircraft to ensure proper setup, flight, and maintenance. This model is a 2-channel remote control fixed-wing aircraft designed for both kids and adults, featuring durable EPP anti-crash material and a 2.4GHz anti-interference control system.



Image: The Goolsky FX822 F-22 Raptor RC Plane shown with its accompanying remote controller.

2. SAFETY PRECAUTIONS

- Always operate the aircraft in open areas, away from people, buildings, and obstacles.
- Do not fly in strong winds or adverse weather conditions.
- Keep fingers, hair, and loose clothing away from rotating propellers.
- Ensure the battery is fully charged before each flight.
- Supervise children during operation. Recommended age is 14 years and up.
- Do not attempt to modify or disassemble the aircraft or remote control.
- Store the aircraft and battery in a cool, dry place, away from direct sunlight and heat sources.

3. PACKAGE CONTENTS

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

- FX822 Airplane
- Remote Controller
- 3.7V 300mAh Battery
- USB Charger
- Spare Propeller Set
- Landing Gear and Tool set
- User Manual (this document)



Image: All included components of the Goolsky FX822 RC Plane, including the plane, remote, battery, charger, propellers, landing gear, and user manual.

4. SETUP AND ASSEMBLY

4.1 Attaching the Landing Gear

The FX822 comes with detachable landing gear for ground take-offs and landings. To attach, gently insert the wire ends of the landing gear into the designated slots on the underside of the aircraft. Ensure they are securely fitted.



Image: The Goolsky FX822 RC Plane with its landing gear properly installed, ready for ground operations.

4.2 Installing the Battery

1. Locate the battery compartment on the underside of the aircraft.
2. Carefully connect the battery plug to the aircraft's power connector.
3. Place the battery neatly into the compartment and close the cover.



Image: A close-up view demonstrating the correct method for inserting the battery into the aircraft's battery compartment.

5. CHARGING THE BATTERY

To charge the 3.7V 300mAh battery:

1. Connect the battery to the provided USB charger.
2. Plug the USB charger into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank).
3. The indicator light on the charger will show the charging status (refer to charger instructions for specific light indications).
4. Once charging is complete, disconnect the battery from the charger.



6. REMOTE CONTROL OVERVIEW

The 2.4GHz remote controller provides stable and responsive control for your FX822 aircraft. Familiarize yourself with its functions:

- **Throttle Lever:** Controls the aircraft's speed and altitude (up/down).
- **Direction Lever:** Controls the aircraft's turning (left/right) and spiral maneuvers.
- **Power On/Off:** Button to turn the remote controller on or off.
- **Indicator Light:** Shows the remote control's power and connection status.



Image: A diagram illustrating the key components of the remote control, including the indicator, throttle lever, direction lever, and power switch.

7. OPERATING INSTRUCTIONS

7.1 Pairing the Aircraft and Remote

1. Ensure the aircraft battery is connected and the aircraft is placed on a flat surface.
2. Turn on the remote controller.
3. The remote and aircraft will automatically pair. Wait for the indicator lights to stabilize, indicating a successful connection.

7.2 Take-Off

The FX822 supports two take-off modes:

- **Ground Take-Off:** Place the aircraft on a smooth, flat surface with the landing gear attached. Slowly increase the throttle, and the aircraft will gain speed and lift off.
- **Hand Launch:** Hold the aircraft firmly and gently throw it forward into the wind while simultaneously increasing the throttle.

TWO TAKE-OFF MODES OPTIONAL



Image: Depiction of the two available take-off methods: a ground take-off using the landing gear and a hand launch for immediate flight.

7.3 Flight Controls

- **Throttle (Left Stick):** Push up to increase speed/altitude, pull down to decrease speed/altitude.
- **Direction (Right Stick):** Move left/right to turn the aircraft.
- The 2-channel design allows for basic flight maneuvers including ascending, descending, turning left, turning right, and performing spirals.

7.4 Landing

To land the aircraft, slowly reduce the throttle while maintaining directional control. Guide the aircraft to a clear, open area. If using landing gear, aim for a smooth, level surface. If hand-launching, gently bring the aircraft down to a soft landing spot.

8. MAINTENANCE

- **Cleaning:** Wipe the aircraft gently with a soft, dry cloth after each use to remove dust and debris.
- **Propellers:** Regularly check propellers for damage. Replace any bent or broken propellers with spare ones from the set to ensure optimal flight performance.

- **Battery Care:** Do not overcharge or over-discharge the battery. Disconnect the battery from the aircraft and charger when not in use.
- **Storage:** Store the aircraft and remote control in a cool, dry place, away from extreme temperatures.



Image: A detailed view highlighting the EPP (Expanded Polypropylene) anti-crash material used in the construction of the aircraft, which contributes to its durability.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Aircraft does not respond to remote.	Not paired; low battery in remote or aircraft; out of range.	Re-pair the aircraft and remote; charge batteries; ensure within 100m range.
Aircraft flies erratically or won't take off.	Damaged propeller; motor issue; strong wind.	Check and replace propellers; avoid flying in strong winds.
Short flight time.	Battery not fully charged; aging battery.	Ensure battery is fully charged; consider replacing battery if old.

10. SPECIFICATIONS

- **Model:** FX822
- **Brand:** Goolsky
- **Channels:** 2CH
- **Remote Control Frequency:** 2.4GHz
- **Control Distance:** Approximately 100m
- **Aircraft Battery:** 3.7V 300mAh LiPo
- **Material:** EPP Anti-crash material
- **Functions:** Turn left/right, up/down, spiral
- **Package Dimensions:** 16.81 x 12.91 x 3.62 inches
- **Item Weight:** 1.1 pounds
- **Manufacturer Recommended Age:** 14 years and up



Image: A visual representation of the aircraft's dimensions, showing its length and wingspan.

11. WARRANTY AND SUPPORT

Goolsky products are manufactured to high-quality standards. For any issues, questions, or support needs regarding your FX822 RC Plane, please refer to the contact information provided with your purchase or visit the official Goolsky brand store on Amazon for further assistance.

Please retain your proof of purchase for warranty claims.

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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