

Safety Precautions and Warnings

RC helicopter is controlled by radio signals. It may be interfered by other radio signals during operation. These interference may cause the helicopter lose control.

Warning

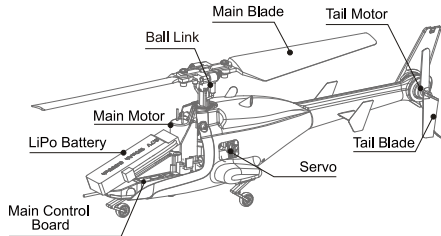
1. Improper operation to Esky F150X may lead to damage or loss. It is prohibited for children under 14 years to operate this product.
2. Keep it away from high temperature environment for storage and flight.
3. Suggested operation temperature: 5-35°C; Humidity: 20-80%
4. Keep away from fan, air conditioner, table light while flying.
5. Do not contact the motor in case of damage or injury.

Prohibition

1. Keep away from crowds in case of accidents.
2. Do not operate Esky F150X in shower room or under rain. Moisture may go inside the helicopter which may cause electronic parts malfunction and unexpected incident.
3. Do not re-equip, upgrade or repair your helicopter with unauthorized parts.
4. Keep people and objects away from the spinning unit and parts in case of damage or injury.

Helicopter Parts

Diagram A



Flight Operation Procedure

1. Preflight Procedure

- 1) Set the **Throttle Stick [Right Stick (Mode1)/Left Stick (Mode2)]** down to bottom and power on the transmitter.
- 2) Put the helicopter on the ground or flat, power on the helicopter, make sure the helicopter remains flat until the helicopter passes the self-testing. (Condition: Blue LED light from quick flashing to slow flashing in the indicator)
- 3) Safety Unlock:

Mode1

Keep the **Right Stick** down to bottom, then pushing the **Left Stick** to Right for at least 3 seconds and release. (Condition: blue LED light from slow flashing to quick flashing in the indicator.)

- 4) Take Off: Please take off in 10 seconds, if not, Helicopter will automatically lock.
Unlock the helicopter by step 3.

2. End Flight Procedure

- 1) Power Off the Helicopter
- 2) Power off the Transmitter

Mode2

Keep the **Left Stick** down to bottom, then pushing the **Left Stick** to Right Bottom Corner for at least 3 seconds and release. (Condition: blue LED light from slow flashing to quick flashing in the indicator.)

Left Hand Throttle

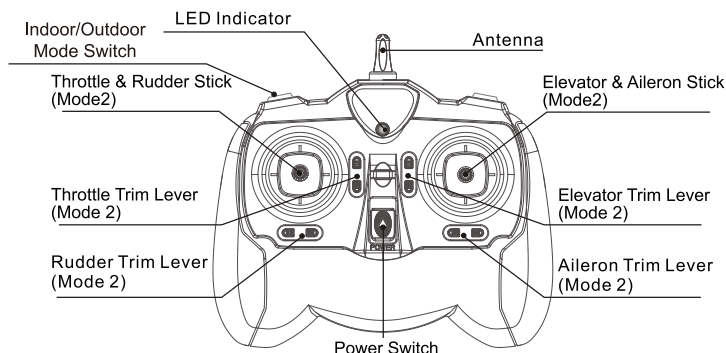


Right Hand Throttle



Transmitter Left Hand Throttle (Mode2)

1. Transmitter

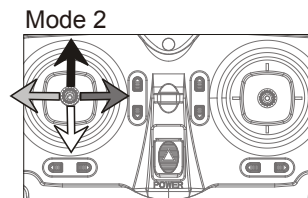
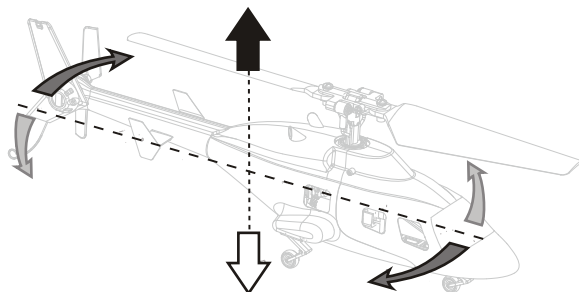


P.S. Indoor Mode (Press Indoor/Outdoor Mode Switch, "Beep" that Indoor Mode).

Outdoor Mode (Press Indoor/Outdoor Mode Switch, "Beep""Beep" that Outdoor Mode).

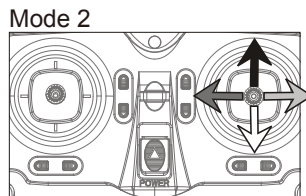
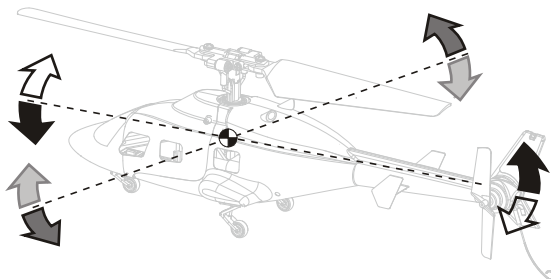
Indoor Mode defaulted when turn on the transmitter.

2. Transmitter Control - Mode 2



When pushing the THROTTLE & RUDDER stick up or down, the helicopter lifts up or descends accordingly.

When moving the THROTTLE & RUDDER stick left or right, the head of the helicopter moves left or right accordingly.

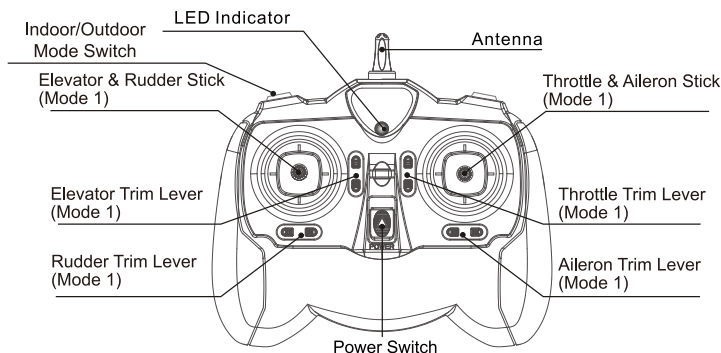


When pushing the ELEVATOR & AILERON stick up or down, the helicopter moves forward or backward accordingly.

When pushing the ELEVATOR & AILERON stick left or right, the head of the helicopter slides left or right accordingly.

Transmitter Right Hand Throttle (Mode1)

3. Transmitter

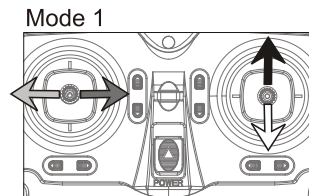
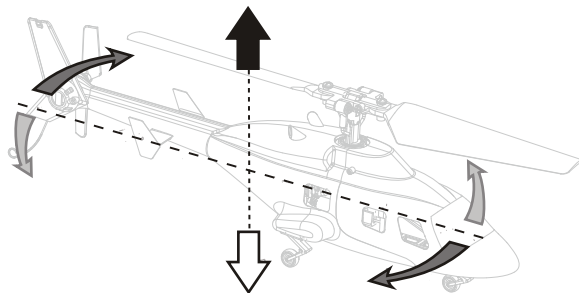


P.S. Indoor Mode (Press Indoor/Outdoor Mode Switch, "Beep" that Indoor Mode).

Outdoor Mode (Press Indoor/Outdoor Mode Switch, "Beep""Beep" that Outdoor Mode).

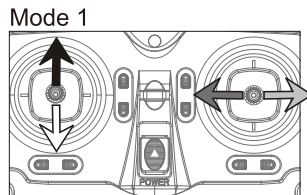
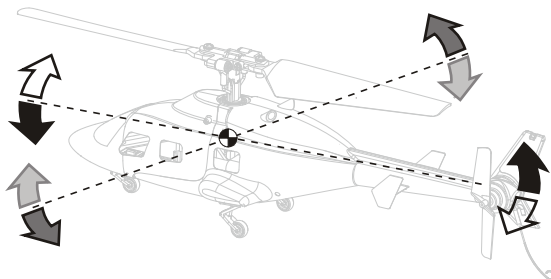
Indoor Mode defaulted when turn on the transmitter.

4. Transmitter Control - Mode 1



When pushing the THROTTLE & AILERON stick up or down, the helicopter lifts up or descends accordingly.

When moving the ELEVATOR & RUDDER stick left or right, the head of the helicopter moves left or right accordingly.

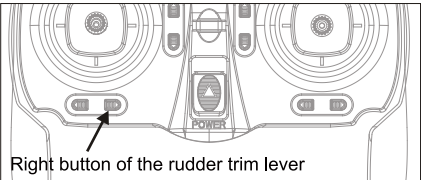


When pushing the ELEVATOR & RUDDER stick up or down, the helicopter moves forward or backward accordingly.

When pushing the THROTTLE & AILERON stick left or right, the head of the helicopter slides left or right accordingly.

Binding

- 1) Switch off transmitter, switch on helicopter, the condition green LED from helicopter flashes rapidly.
- 2) Press the right button of the rudder trim lever from the transmitter and switch on the transmitter.
- 3) When the condition LED from helicopter is extinguished, release the right button until the helicopter's condition green LED relights which implies the binding is completed. (Helicopter was completely binded in the factory setting.)

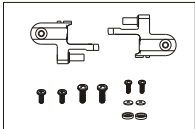


Command Problems FAQ

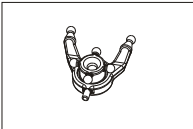
Situation	Reason	Solution
Why the battery bulge before second flight?	Over discharge the battery	Replace a new battery
Why the helicopter not stable when flight?	Due to some parts fixed error	Adjust by trim lever
Why the helicopter green light being slow flash?	LiPo battery low voltage protection	Charge the LiPo battery
Why the green light do not solid on the helicopter?	Do not receive any signal	Rebind or Reboot the Transmitter
How do I know when a battery is 100% charged?	When the charger light from red to green	
What is the function of the Dual Rate Button?	To switch the flight mode and sensitive mode for different user	
Blades overlapping	Blade deformed	Refer to main blade adjustment
Heavily skewed when flight	Linking parts separated	Check each linking parts
Heavily unstable when flight	Sensor swot analysis mistakes	Reboot the helicopter

P.S. The development of the ESKY F150X would not have been possible without the effort of a large team of individuals who invested in the open source flight controller software that running on the ESKY F150X.

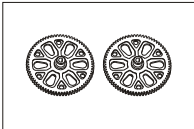
Spare Parts



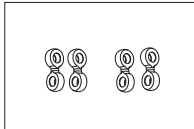
ESKY006310
Main Rotor Blade Grip Set



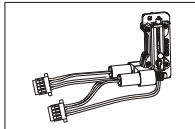
ESKY006404
Swashplate Set



ESKY006311
Main Gear



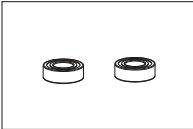
ESKY006406
Ball Link



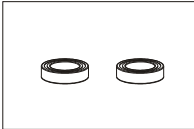
ESKY006407
Servo Set



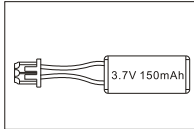
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Rotor Housing Set



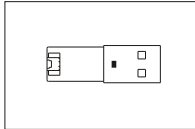
ESKY005439
Bearing: 3*6*2



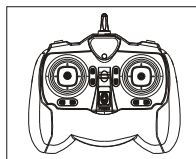
ESKY005805
Bearing 5*8*2



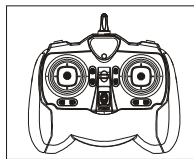
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Li-Po Battery



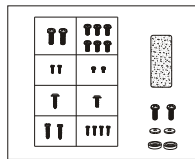
ESKY006007
USB Charger



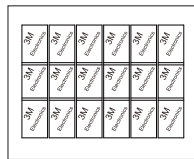
ESKY005437
Transmitter (Mode 2)



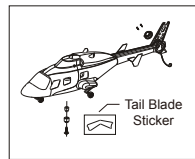
ESKY005437a
Transmitter (Mode 1)



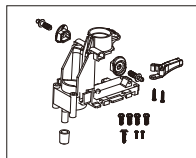
ESKY006316
Screws Set



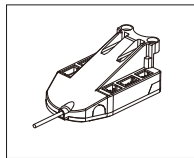
ESKY007024
Double Sided Sticker



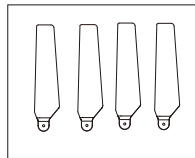
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Canopy



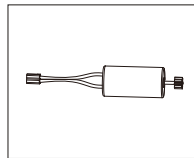
ESKY006322
Main Frame



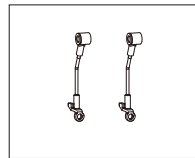
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Main Flight Control



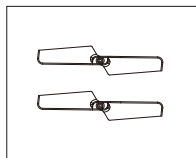
ESKY006692
Main Rotor Blade



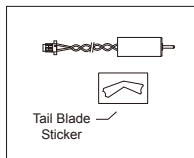
ESKY006693
Main Motor



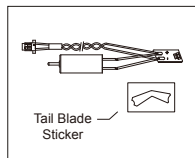
ESKY006405
Pushrod Set



ESKY006851
Tail Rotor Blade



ESKY007147
Tail Motor



ESKY007284
Tail Motor with LED

Charging the LiPo Battery by USB Charger

- 1) Plug the 3.7v LiPo Battery into the USB charger
- 2) Plug the USB charger into the USB port of computer or charger. Then there is a solid red light on the USB charger's LED indicator.
- 3) When the LiPo Battery is fully charged, the red light will change to green light.

