ESKY150 V2

E_sky® CC3D INSIDE

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

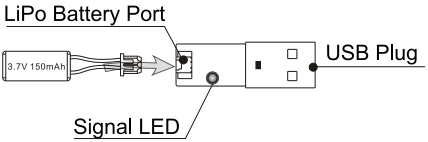
1. Improper operation to Esky150V2 may lead to damage or loss. It is prohibited for children under 14 years to operate this product.
2. Keep it away from high temperature environment for storage and flight.
3. Suggested operation temperature: 5-35℃; Humidity: 20-80%
4. Keep away from fan, air conditioner, table light while flying.
5. Do not contact the motor in case of damage or injury.

Prohibition

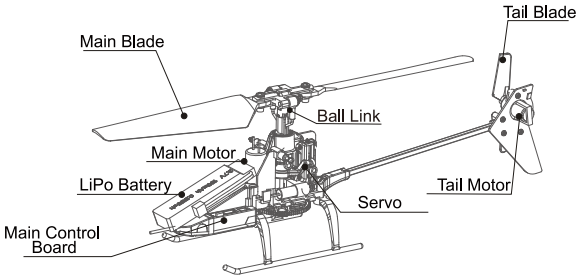
1. Keep away from crowds in case of accidents.
2. Do not operate Esky150V2 in shower room or under rain. Moisture may go inside the helicopter which may cause electronic parts malfunction and unexpected incident.
3. Do not re-equip, upgrade or repair your helicopter with unauthorized parts.
4. Keep people and objects away from the spinning unit and parts in case of damage or injury.

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.



Helicopter Parts

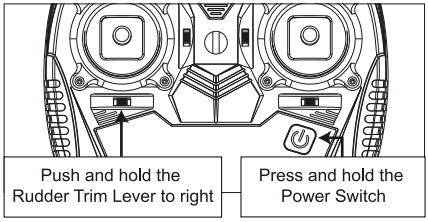


Binding

1) Switch off transmitter, switch on helicopter, the condition green LED from helicopter flashes repidly in a short period of time.

2) Push and hold the Rudder Trim Lever to right and Power Switch on the transmitter.

3) When the condition LED from helicopter is light up which implies the binding is completed, release the Rudder Trim Lever and Power Switch from the transmitter.(Helicopter was completely binded in the factory setting)



Flight Operation Procedure - Left hand throttle transmitter Mode 2

Preflight Proceduce

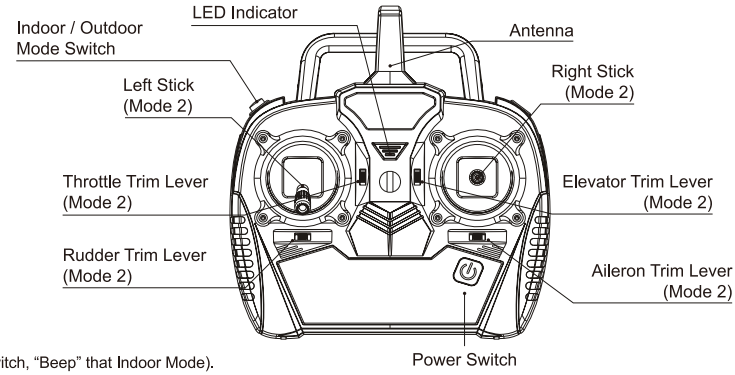
1) Set the **Left Stick** down to bottom and power on the transmitter.

2) Put the helicopter on the gound or flat, power on the helicopter, make sure the helicopter remains flat until the helicopter pass the self-testing.(Condition Blue LED from quick flashing to slow flashing in the indicator)

3) Safety Unlock:

Keep the **Left Stick** down to bottom, then pushing the **Left Stick** to Right or at least 3 seconds and release.

Left hand throttle transmitter - Mode 2



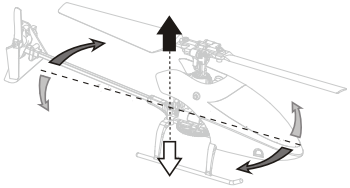
End Flight Proceduce

1) Power Off the Helicopter

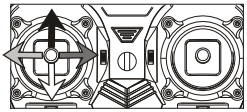
2) Power off the Transmitter

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, it was recommended to landing before switch mode.

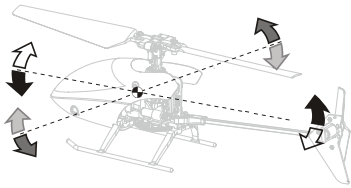
Transmitter Control



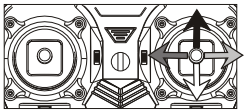
Mode 2



When pushing the “Left Stick” up or down, the helicopter lifts up or decends accrodingly; This procedure is Throttle control.
When pushing the “Left Stick” left or right, the head of the helicopter turns left or right accordingly; This procedure is Rudder control.



Mode 2



When pushing the “Right Stick” up or down, the helicopter moves forward or backward accordingly; This procedure is Elevator control.
When pushing the “Right Stick” left or right, the helicopter tilts left ot right accordingly; This procedure is Aileron control.

Flight Operation Procedure - Right hand throttle transmitter Mode 1

Preflight Proceduce

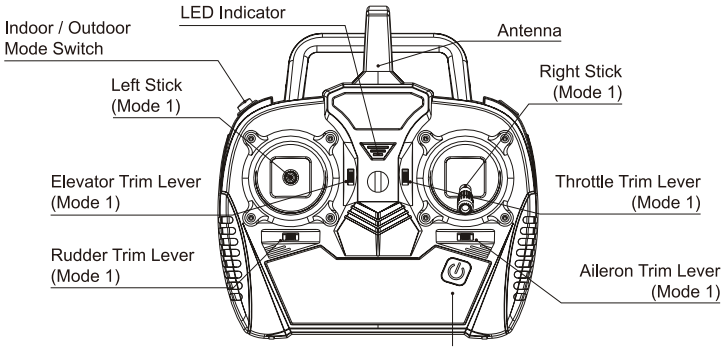
1) Set the **Right Stick** down to bottom and power on the transmitter.

2) Put the helicopter on the gound or flat, power on the helicopter, make sure the helicopter remains flat until the helicopter pass the self-testing.(Condition Blue LED from quick flashing to slow flashing in the indicator)

3) Safety Unlock:

Keep the **Right Stick** down to bottom, then pushing the **Left Stick** to Right or at least 3 seconds and release.

Right hand throttle transmitter - Mode 1



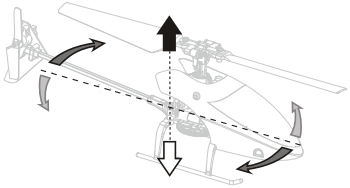
End Flight Proceduce

1) Power Off the Helicopter

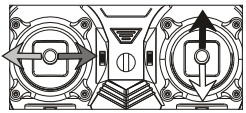
2) Power off the Transmitter

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, it was recommended to landing before switch mode.

Transmitter Control



Mode 1



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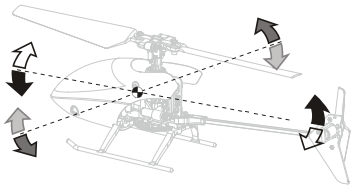
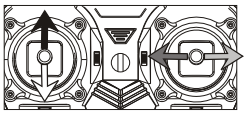


Mode 1



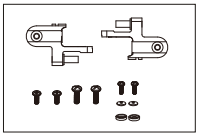
When pushing the “Left Stick” up or down, the helicopter moves forward or backward accordingly; This procedure is Elevator control.
When pushing the “Right Stick” left or right, the helicopter tilts left ot right accordingly; This procedure is Aileron control.

Command Problems FAQ

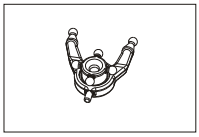
Situation	Reason	Solution
Why the battery bulge before second flight?	Over discharge the battery	Replace a new battery
Why the helicopter not stable when flight?	Due to some parts fixed error	Adjust by trim lever
Why the helicopter green light being slow flash?	LiPo battery low voltage protection	Charge 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 indoor / outdoor mode switch?	To switch the flight mode and sensitive mode for different user	
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 ESKY 150 V2 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 150 V2.

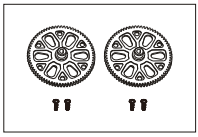
Spare Parts



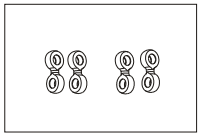
ESKY006310
Main Rotor Blade Grip Set



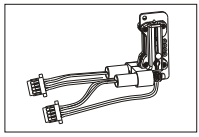
ESKY006404
Swashplate Set



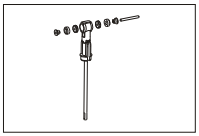
ESKY006311
Main Gear



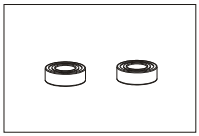
ESKY006406
Pushrod Set for Servo



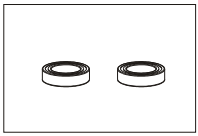
ESKY006407
Line Servo Set



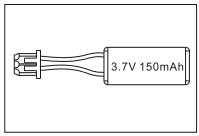
ESKY006408
Main Rotor Housing Set



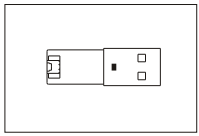
ESKY005439
Bearing: 3*6*2



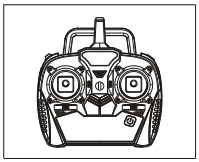
ESKY005805
Bearing: 5*8*2



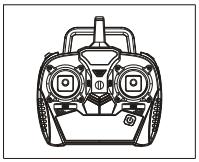
ESKY005435a
LiPo Battery : 150mAh



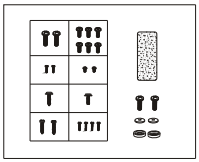
ESKY006007
USB Charger



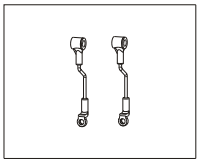
ESKY007324
Transmitter Mode 2



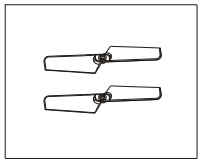
ESKY007324a
Transmitter Mode 1



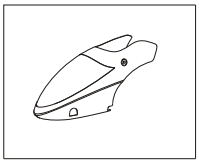
ESKY006316
Screws Set



ESKY006405
Pushrod Set



ESKY006403
Tail Blade



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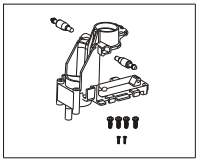
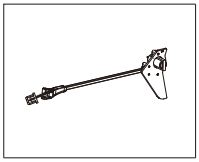
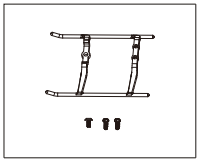
Canopy



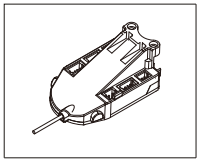
ESKY006318
Main Frame



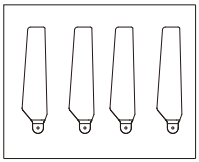
ESKY007323
Tail Mount with Motor and LED



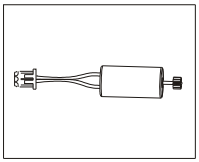
ESKY006320
Landing Skid



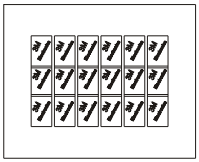
ESKY007317
5 in 1 Control Unit



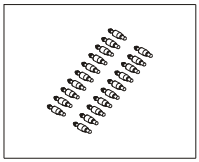
ESKY006402
Main Blade Set



ESKY006313
Main Motor



ESKY007024
Double Sided Sticker



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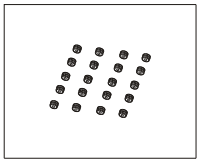
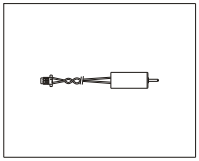
Canopy Mount Set



ESKY007205
Canopy O Ring Set



ESKY007220
Tail Motor