

Funny Park Airplane



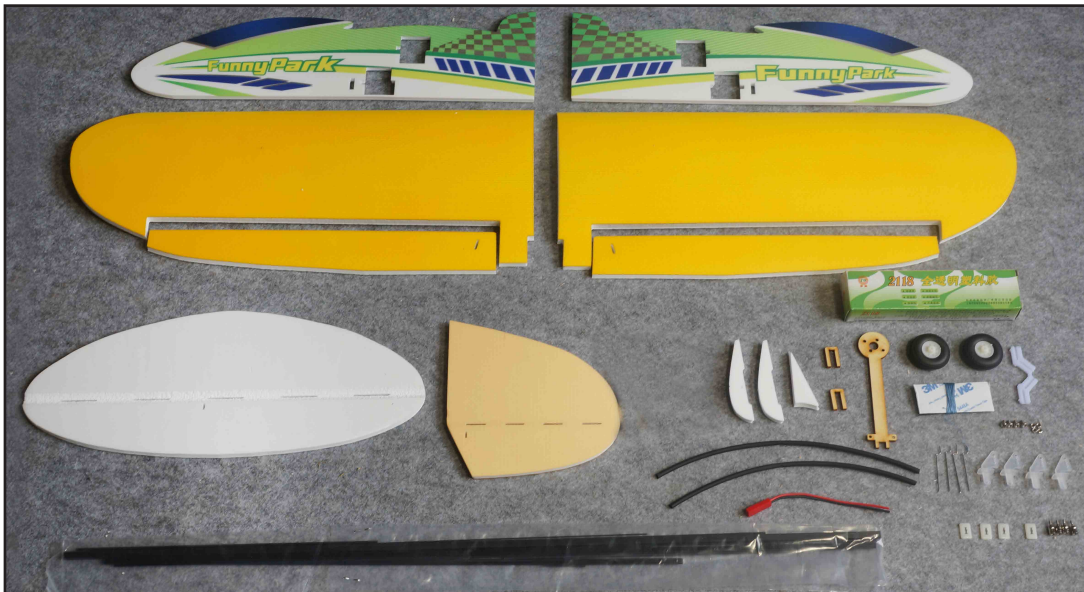
Specification

Wingspan: 780mm
Length≈750mm
Flying Weight≈260g

Suggested Equipment

Battery: 3s 400-600mAh
Motor: 1908 2050kv
Propeller: 6030
ESC: 10A
Servos: 9g*3
Radio≥4CH

Accessories include



Additional Safety Precautions and Warnings

Age Recommendation: This is not a toy, not for children under 14 years old.

•Always keep a safe distance in all directions around your model to avoid collisions or injury. The model is controlled by a radio subject to interference from many sources outside your control. Interference can cause momentary loss of control.

•Always operate your model in open spaces away from full-size vehicles, traffic and people.

•Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).

•Always keep all chemicals, small parts and anything electrical out of the reach of children.

•Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.

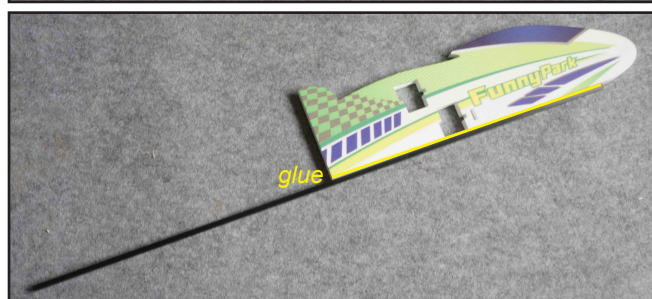
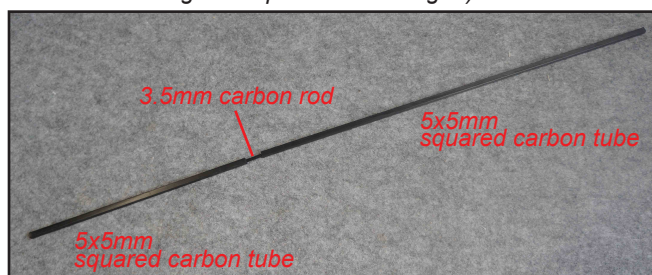
•Never place any portion of the model in your mouth as it could cause serious injury or even death.
Never operate your model with low transmitter batteries.

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1. Stick the two pieces of fuselage part together with glue; Find 2pcs 5*5mm squared carbon tube, use 3.5mm diameter carbon rod (solid) to connect this 2pcs squared carbon rod. (Plug the carbon rod into the carbon tube as the picture shown.)

Stick the squared carbon tube with the edge of fuselage's base board.

(Note: Put the connection part of 2pcs squared carbon tube under the fuselage to improve the strength.)



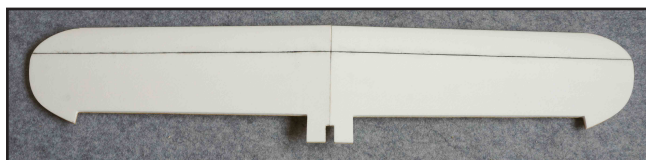
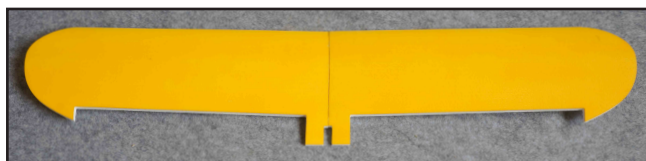
2. Stick 2pcs 400mm length carbon plate on the left and right wing separately.

Cut a groove according to the indicated line with knife, then plug the carbon plate into the groove.

Stick the 328mm carbon plate on the horizontal wing as shown.



3. Stick the left wing and right wing together with glue.



4. Use cutter blade to cut bevel (1mm far away from paint surface, don't cut the paint surface.) on the connection part between the main wing and aileron.

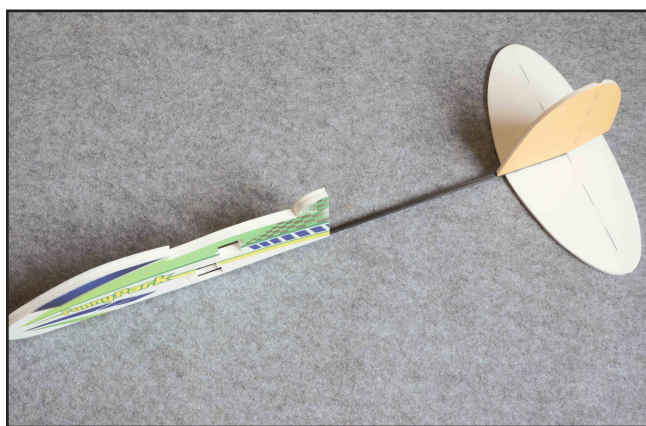
Daub 1.5cm length glue (every 4m) on the edge of the connection part of aileron.

There are about 4-5 sections glue on the edge of whole aileron.



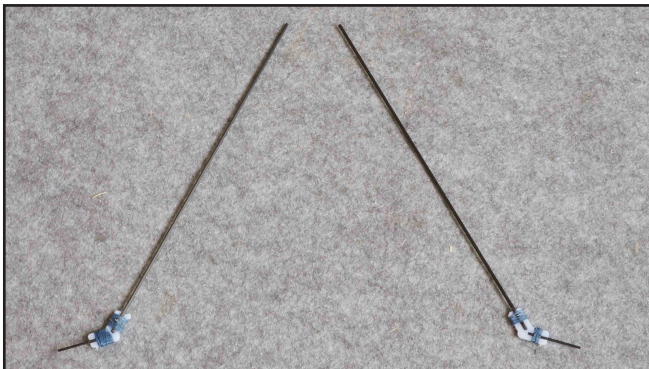
5. Stick the horizontal tail and vertical tail on the tail of the squared carbon tube as shown.

Pay attention to placing the horizontal tail in the middle when you stick it.



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6. Find 220mm length carbon rod and 35mm length carbon rod, stick them on the plastic sheets of landing gear, and fasten the fish wire, fix it with glue.

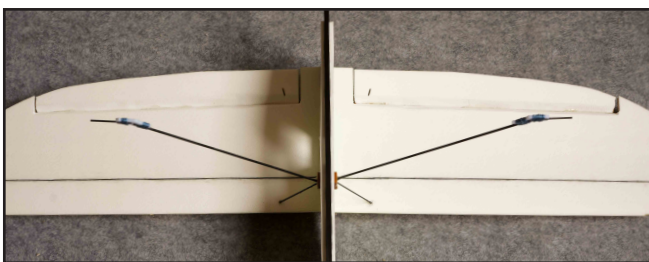


7. Stick the wing on the fuselage, keep the wing parallel with horizontal tail.

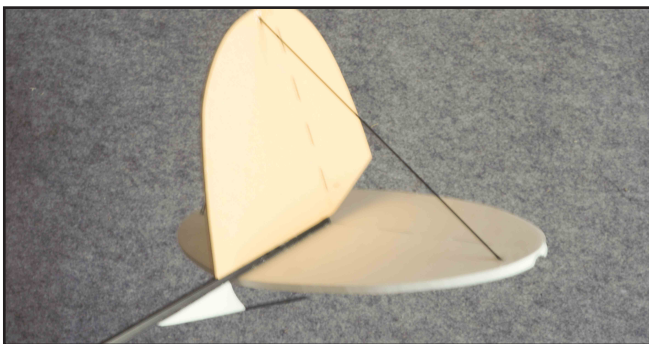
Find "U" shape wooden piece, stick it on the prepared hole of fuselage;

Retapering the pointed end of carbon rod for landing gear, plug it into the prepared hole of fuselage with 45° angle until to the front edge of opposite wing.

Find 75mm carbon rod to support both sides of the wing, and plug it into the prepared hole, fix it with glue.



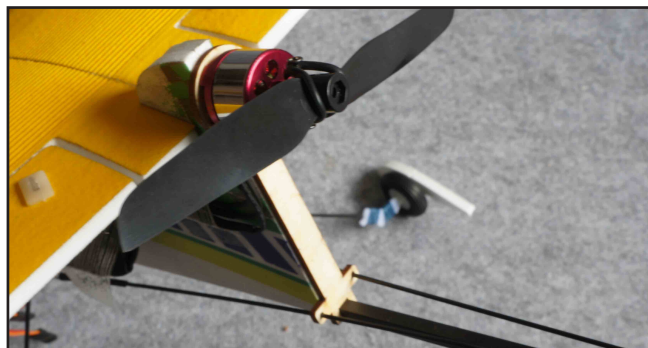
8. Stick 5*100mm carbon plate on the tail of fuselage. Reinforce the vertical tail with 1mm thin carbon rod, keep vertical.



9. Ream the wheel with scissors or electrodrill, keep it flexible when you assemble it to the wheel shaft. Stick the wheel pad on the outside, stick them on using a small amount of glue, don't stick the wheel.



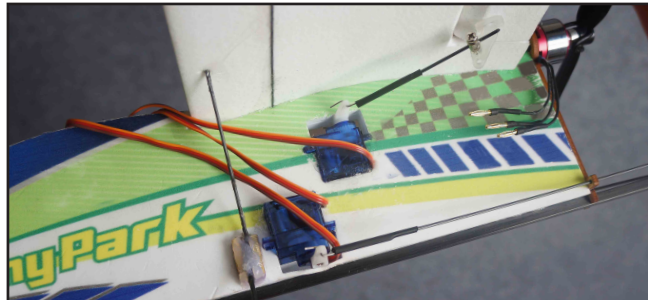
10. Assemble the motor on the motor mounting board and stick it on the tail of fuselage as shown.



11. Adjust the elevator servo and rudder servo to the middle after connecting the power, then tighten the screw, please note that you must assemble this two servos on the lower hole of fuselage.

Adjust the aileron servo to middle after power in, then tighten the screw.

Assemble this servo on the upper hole of fuselage.

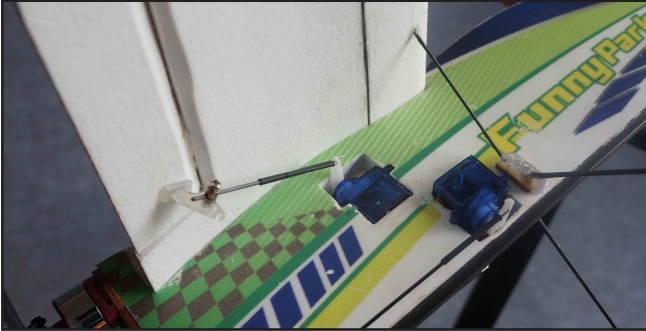


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12. Stick the aileron servo, assemble the "Z" type steel wire on the second and third hole.

13. Glue the elevator servo and rudder servo side by side; Then assemble the "Z" type steel wire.

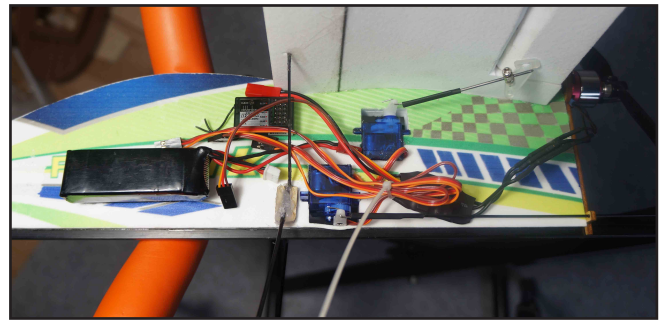
14. Install the servo horn of aileron. Glue the 65mm carbon rod head, then use heat shrink tube to hitch this rod and Z-type steel wire together and heat it. Assemble the ESC as shown.



15. Insert 2pcs 435mm length carbon rod from the two spacing holes of the bottom of motor mounting board. Install the aileron servo with the same way like installing the pull rod of elevator servo and rudder servo.



16. Install the battery with magic sticker, bind all wires, receiver, ESC and other accessories.



17. Adjust the CG. CG will be $\frac{1}{3}$ of the wing.

