

FK-10

OPERATING MANUAL



WARNING

⚠ WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product and NOT a toy. It must be operated with caution and common sense and enquires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision.

This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Safety Precautions and Warnings

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or the property of others. This model is controlled by a radio signal subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is advisable to always keep a safe distance in all directions around your model, as this margin will help avoid collisions or injury.

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

- Never operate your model with low transmitter batteries.
- Always operate your model in an open area away from cars, traffic or people.
- Avoid operating your model in the street where injury or damage can occur.
- Never operate the model in the street or in populated areas for any reason.
- Carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.) you use.
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Moisture causes damage to electronics. Avoid water exposure to all equipment not specifically designed and protected for this purpose.
- Never lick or place any portion of your model in your mouth as it could cause serious injury or even death.



1. Pls check the wing first before you assembling, Maybe be a little distortion, don't worry, as long as the hot - air tube slightly heated, the wing can become straight.



2. When installed if tail off with a circular hinge point glue together.

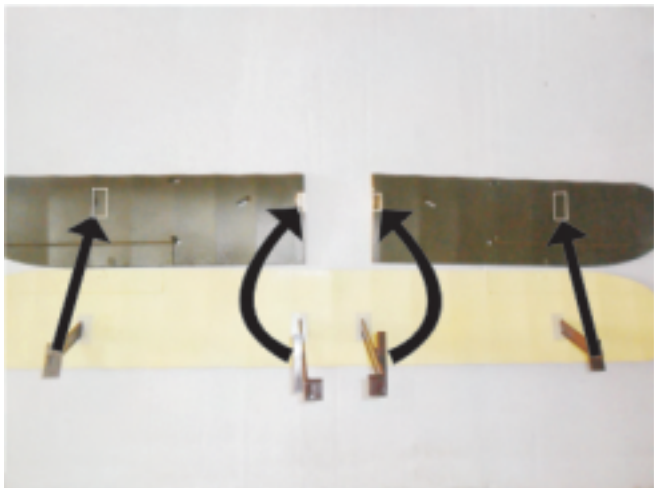
Installing the main wing



1. Coated Mucilage at the top wing and support frame junction.



2. Stick the support frame on the wing.



3. Coated Mucilage at the second wing and support frame other side junction.



4. As shown in figure.

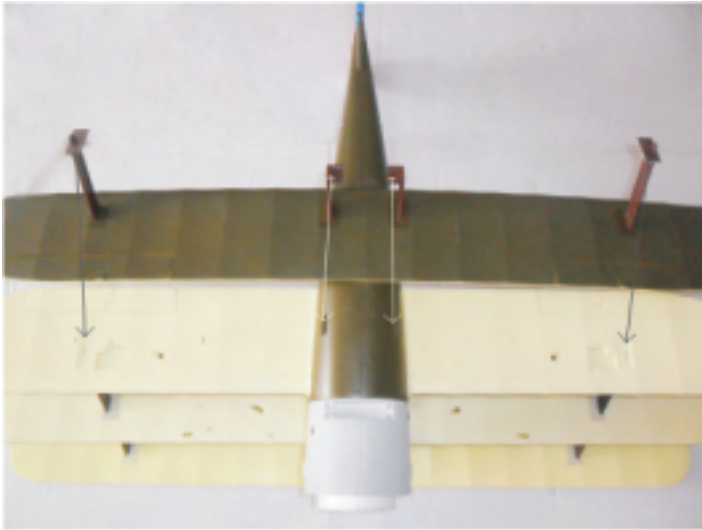


5. coated Mucilage at the third wing and another support frame junction.

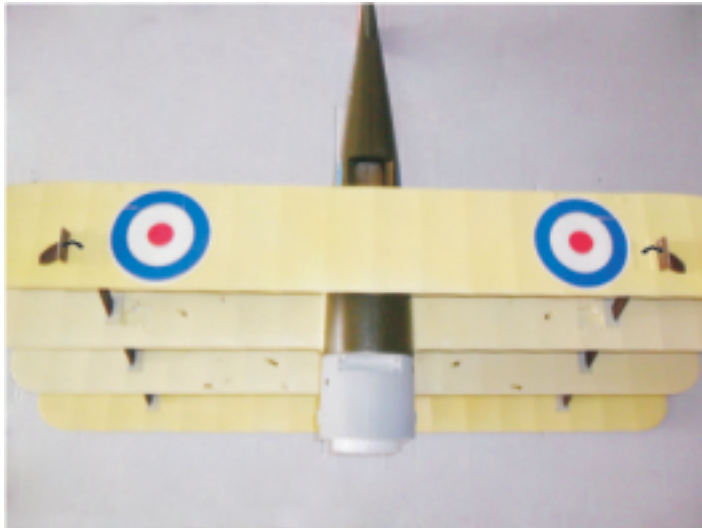
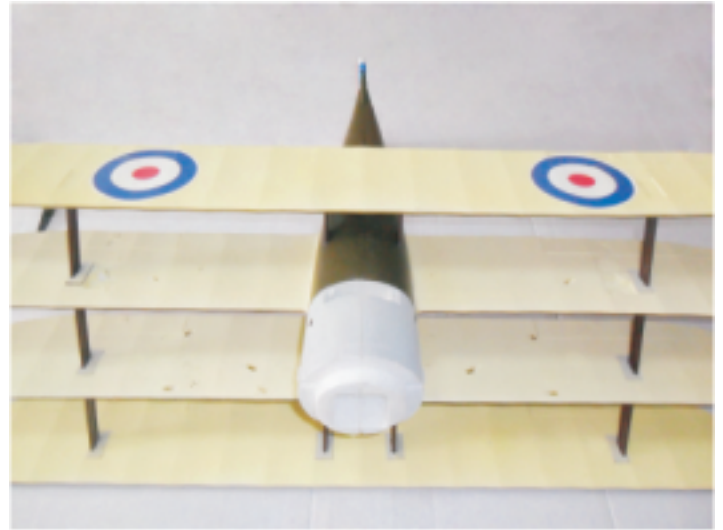


6. Stick the support frame on the third wing junction.

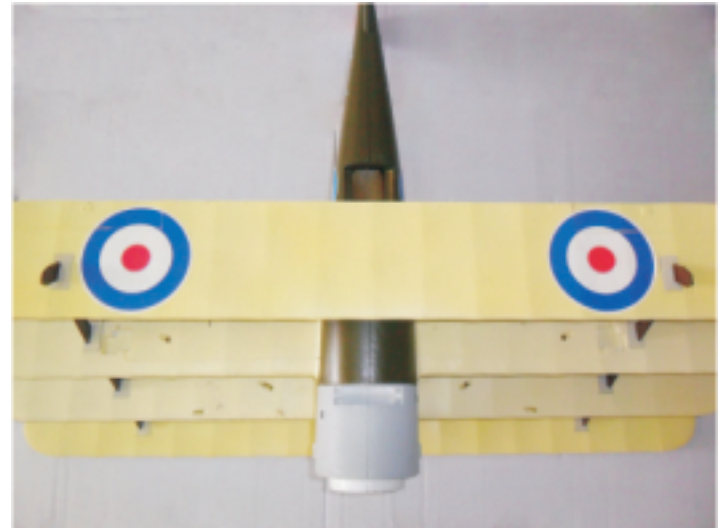
Installing the main wing



7. Then stick the bottom wing in the same way.

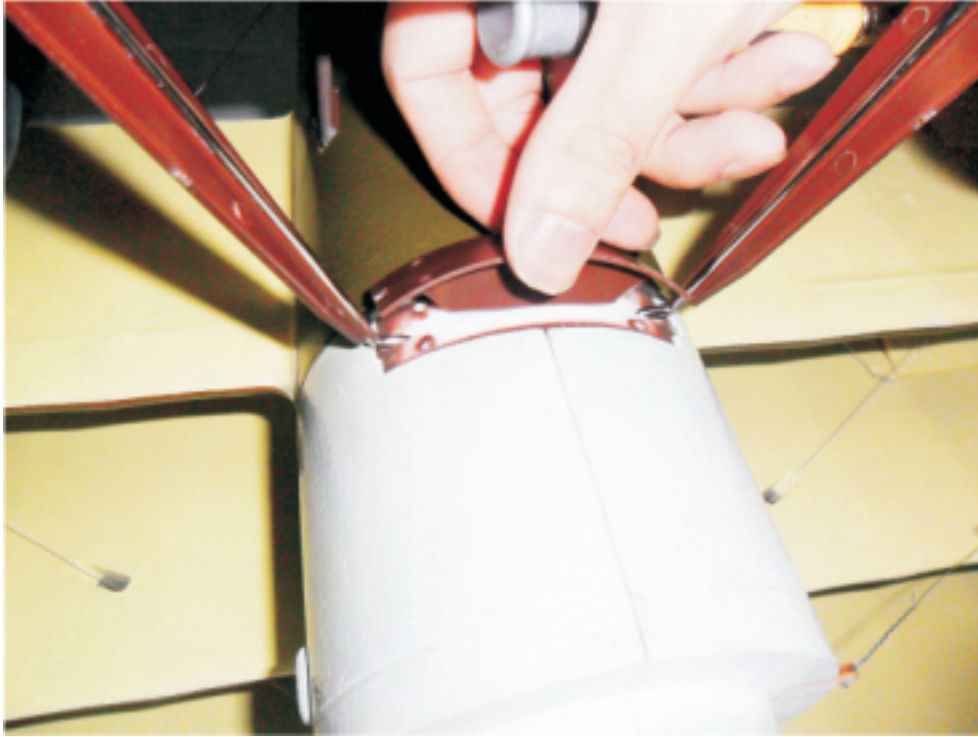


8. Stick the bottom ornamental parts.



9. As shown in figure.

Installing the landing gear

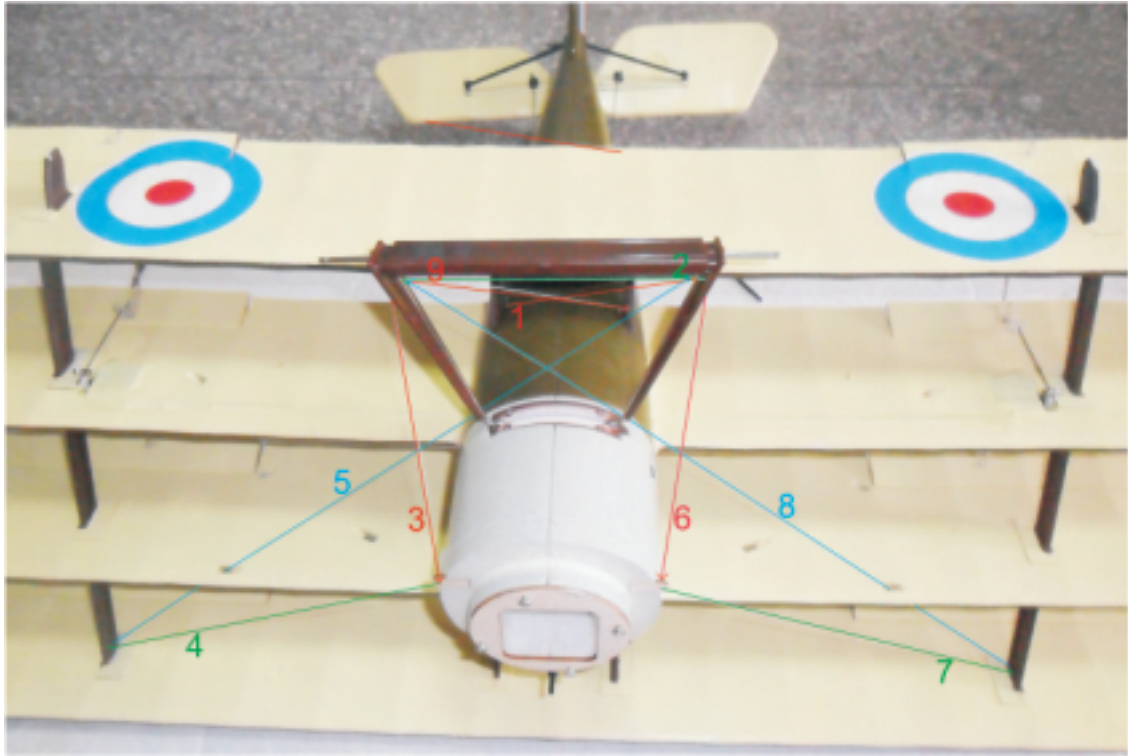


1. Installation landing gear.

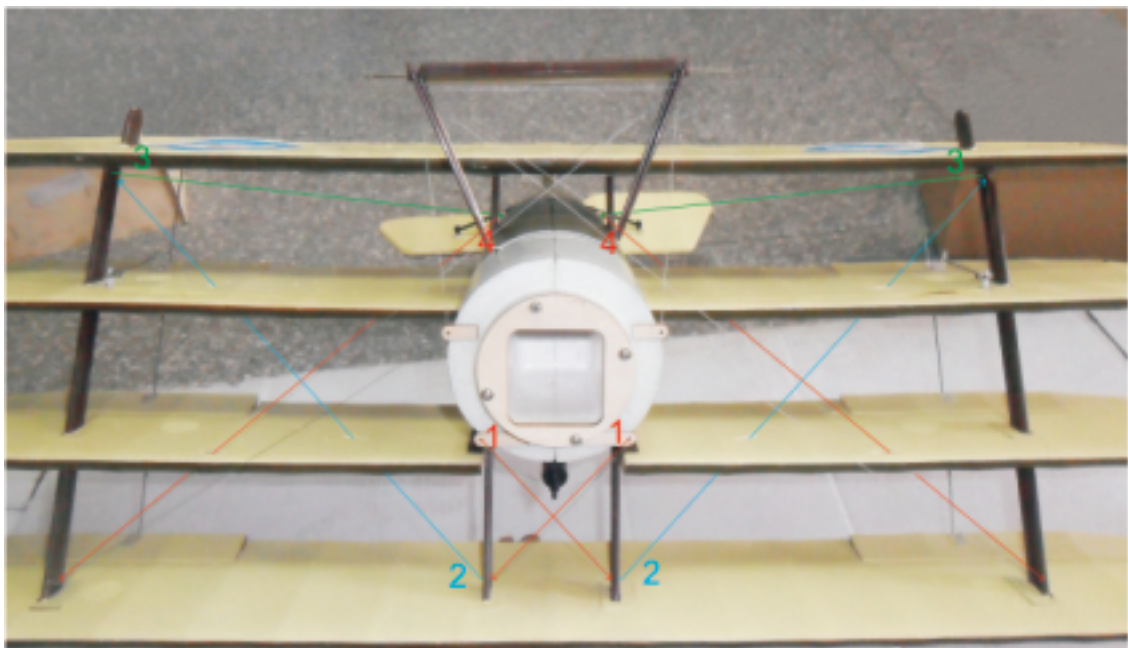


2. Fixed landing gear.

Installing the surbase

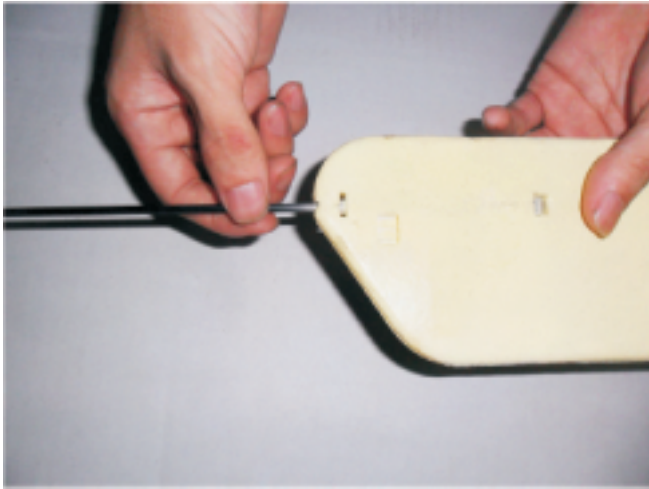


1. Install the first line.



2. Install the second and third line.

Installing the Elevator



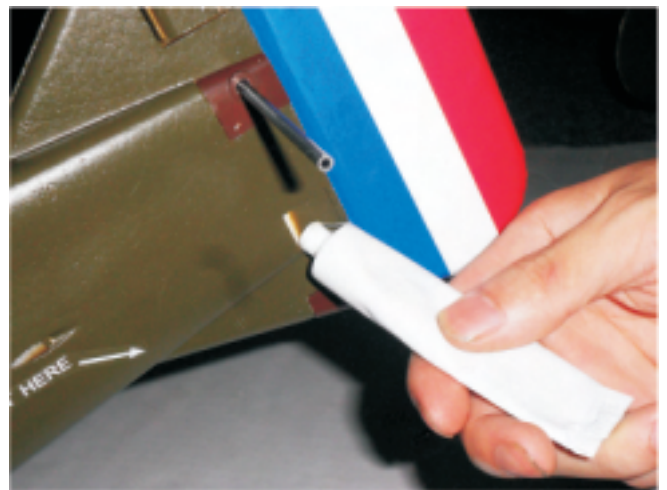
1. Installation glass fiber tube.



2. Installation support bar.



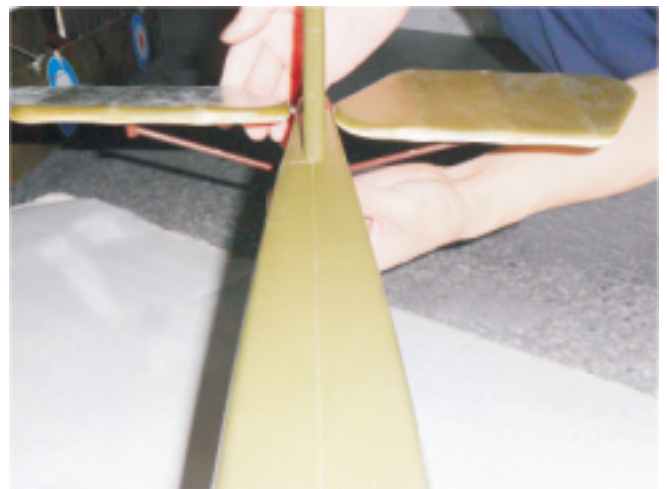
3. Fixed support bar.



4. Daub bubble gum.



5. Install the elevator.



Installing the propeller



1. Battery position.



2. Installation gaskets.



3. Install the propeller.



4. Fixed propeller.



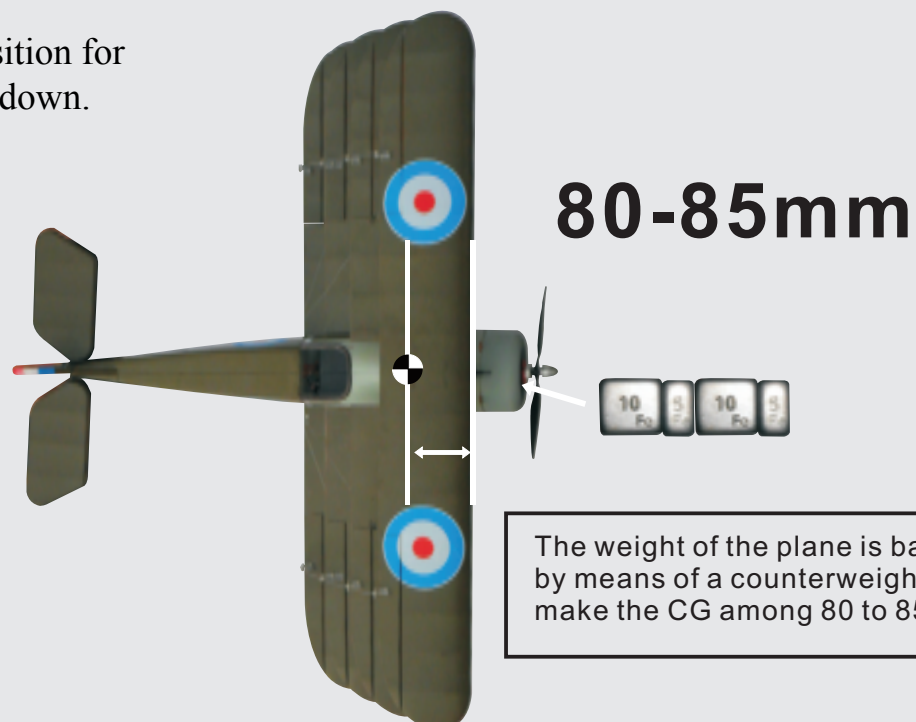
Main specification

Specification

Wingspan	: 950mm /37.4 in
Length	: 760mm /29.9 in
Weight	: 1100g /38.8 oz
CG Position	: 80-85mm
Battery	: 11.1V 3300mAh Li-Po Battery
ESC	: 30A
Motor	: 3536-1000kv
Wing Area	: 46.3dm^2
Wing Load	: 23.7g/dm^2
RC System	: 4 Channel, 4 Servos And 1 Brushless ESC

Center Of Gravity(C.G.)

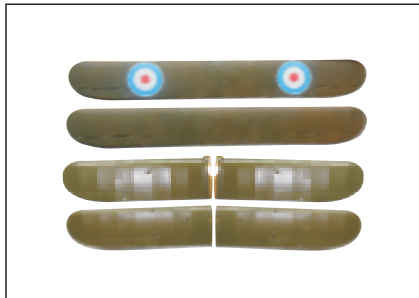
Note: Neutral position for elevator is 10deg down.



Spare Parts List



Fuselage



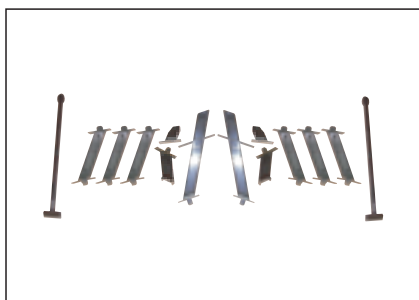
Main Wing Set



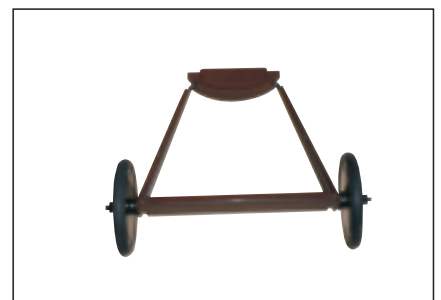
Elevator



Glue



wing Strut Set



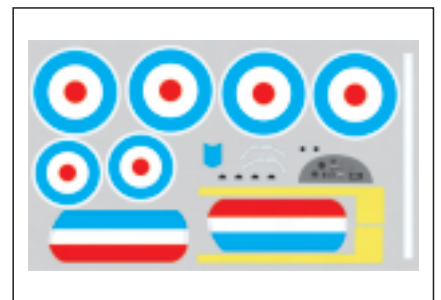
landing gear.



Propeller



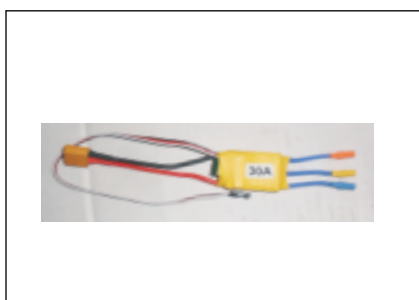
Machine guns



Sticker



9g Servo



Brushless ESC



Brushless Motor

Battery Selection and Installation.

1. We recommend the 1.1V 3300mA Li-Po battery.
2. If using another battery, the battery must be at least a 1.1V 3300mA battery.
3. Your battery should be approximately the same capacity, dimension and weight as the 1.1V 3300mA Li-Po battery to fit in the fuselage without changing the center of gravity

Flying Tips

Take off and landing tips

1. Take off using full power, as soon as you have taken off retract the landing gear.
2. Use the flaps to give a steeper landing approach, increase throttle slightly to offset the increased drag.
3. Ensure that you set a timer and land with plenty of battery power in reserve.
4. It's difficult to landing the plane perfect from the speedy flying state when the flaps keep in the contour.
5. Never exceed 3 minutes to fly with the maximum power others.
6. Never exceed the limited flying weight.

First Flight Preparation

1. Remove and inspect contents.
2. Charge flight battery.
3. Read this instruction manual thoroughly.
4. Fully assemble model.
5. Install the flight battery in the aircraft (once it has been fully charged).
6. Bind aircraft to your transmitter.
7. Make sure linkages move freely.
8. Make sure the rubber ring has been properly slide on the clevis.
9. Perform the Control Direction Test with the transmitter.
10. Adjust light controls and transmitter.
11. Perform a radio system Range Check.
12. Find a safe and open area.

Please read the following instructions and fully understand it.

1. Do not fly in strong wind or bad weather.
2. Never fly the model in crowded areas, where there are lots of people, automobiles on the road or power lines overhead . Also do not to fly around the airport. Please make yourself enough room for the flying and operating, as the plane can travel at high speed. Remember you are responsible for the safety of others.
3. Children under the age of 12 should have an adult guide. Never recommend for the children under the age of 14.
4. Never leave the charger in wet conditions.
5. The **FK-10** is made from PA and polythene which are tinder. When it meets the heat, transfiguration can easily happen, so you must keep it away from heat.
6. Do not attempt to catch the **FK-10** while flying, please do not touch the propeller.
7. Never leave this system unattended around children with battery in the unit, as injury may be caused due to children's turning on the transmitter or the plane.
8. During the preparation for the flight, please remember to turn on the transmitter before connecting the battery pack.
9. Close the throttle on the transmitter before connecting battery otherwise the motor may operate.

