

Assembly Manual



Color A - thunderbolt theme

Color B - orange one



Color C - light green one



Thanks for purchasing
our airplane model!

Caution!

- 1 You should not regard this plane as a toy!
- 2 To ensure safety, please read this instruction manual thoroughly before assembly.
- 3 Building and operating a model plane requires diligent practice and correct guidance. An inexperienced flyer can cause serious injury and property damage.
- 4 Seek the assistance of an experienced RC pilot or model airplane club for help with assembly, operation and maintenance to ensure your flying experience is both enjoyable and safe.
- 5 Fly only in AMA (Academy of Model Aeronautics) approved areas. Approved areas or areas approved by the Model Association of your country.

All the parts together



Main Landing Gear and Tail Wheel Unit

1 Cut out the holes on the fuselage of both sides.



2 Gather the parts for the main landing gear.



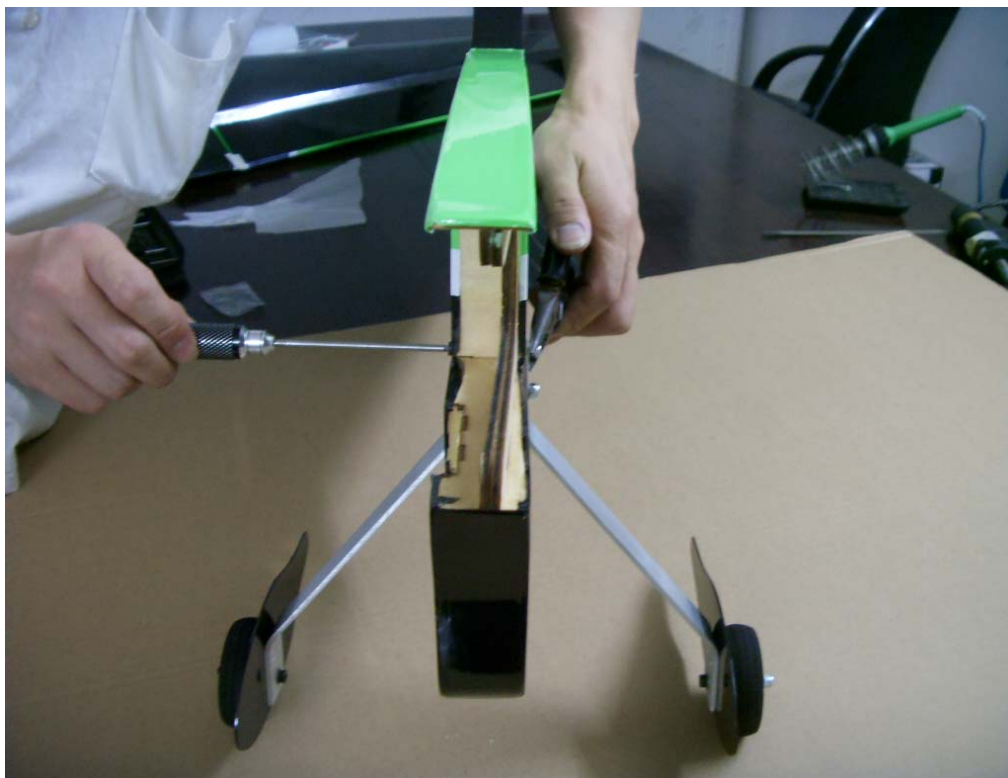
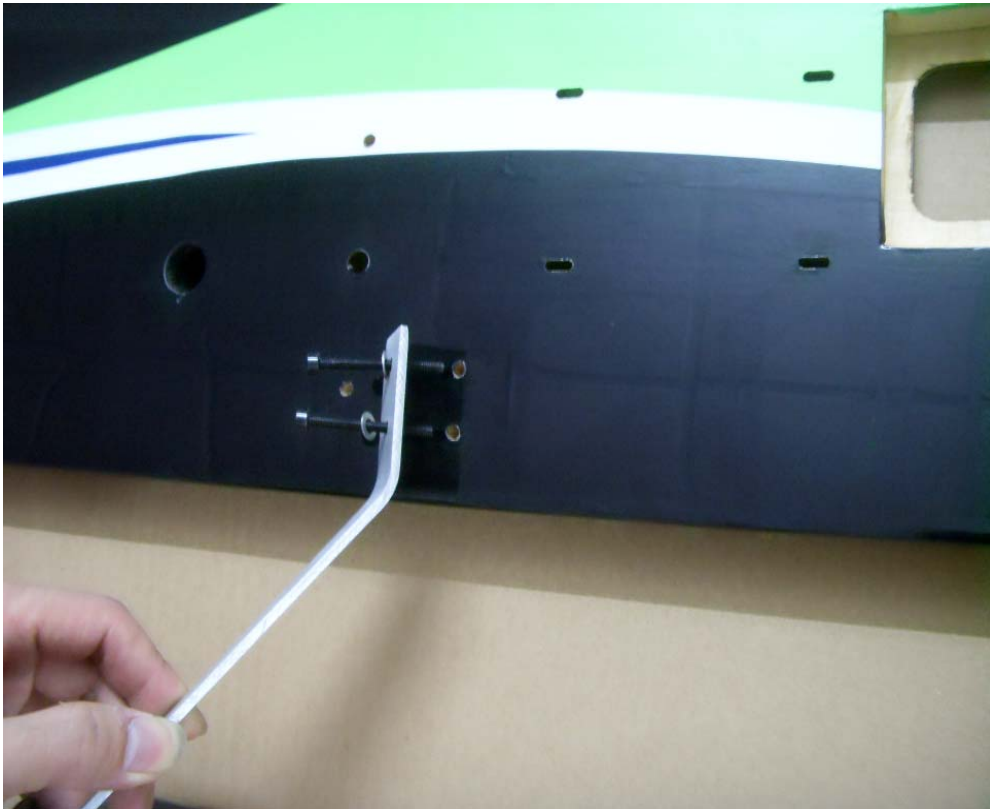
- 3 Use screw to connect the landing gear, wheel pant, nut and wheel in turn, and finally use a lock nut to lock them.
Secure the nuts with Blue Loctite



- 4 Repeat the same on the other side of the landing gear.



5 Use two screws to lock the two pieces of the landing gear to the fuselage

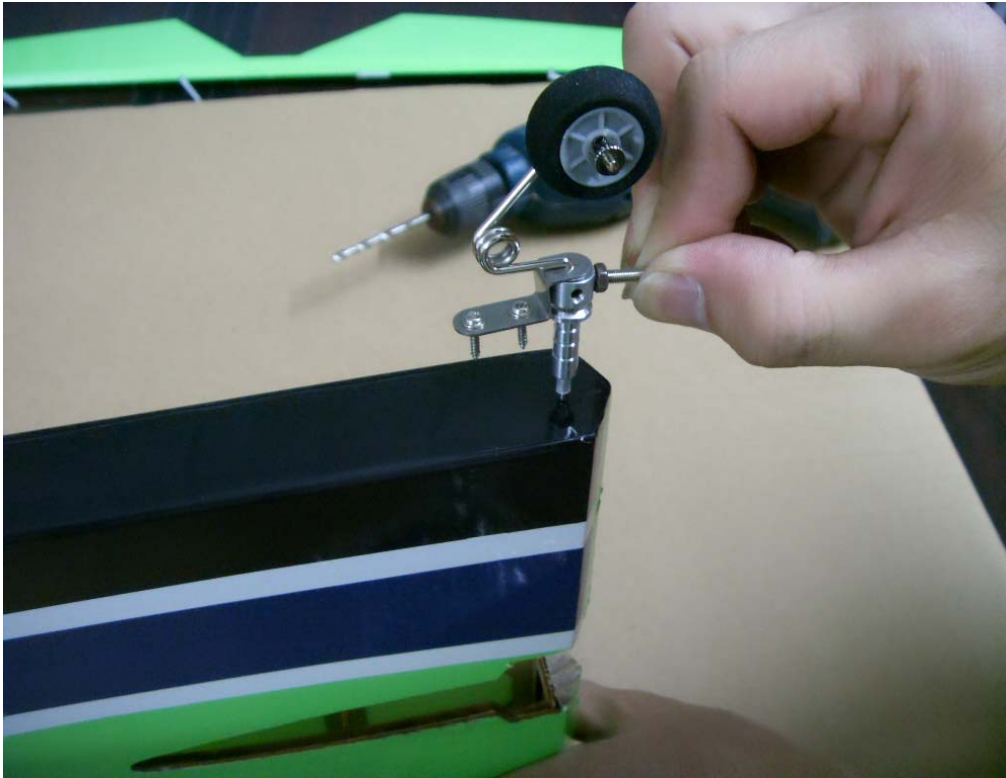




6 Drill a 6mm hole at the back tail of the fuselage to install the tail wheel

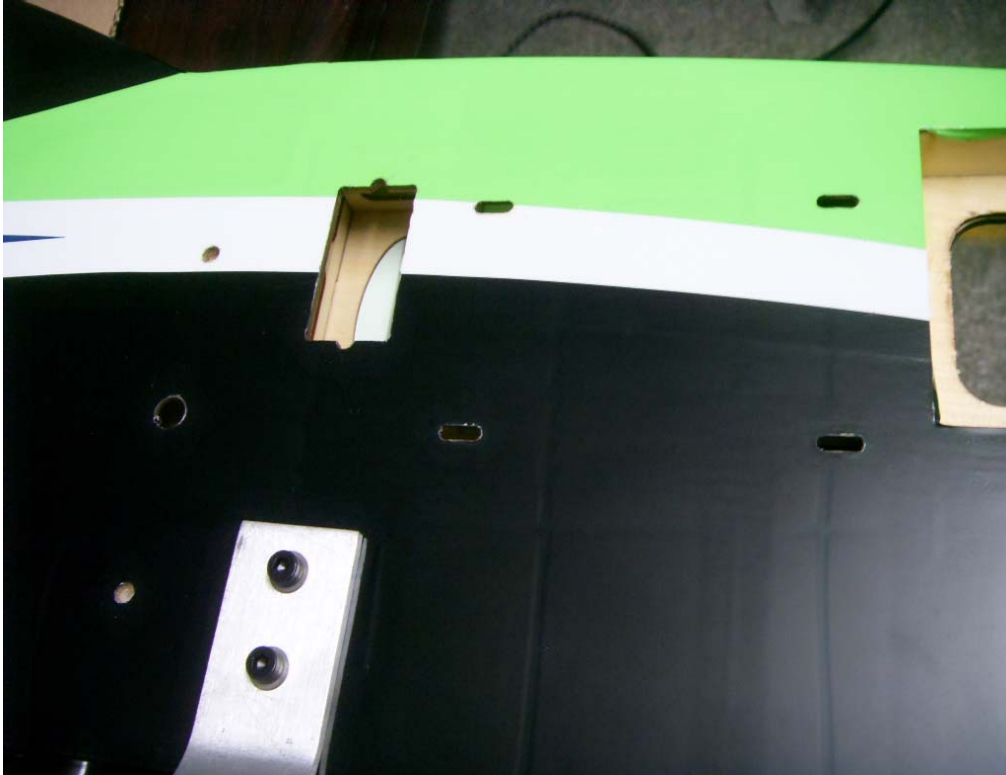


- 7 Put the tail wheel set into the hole, and use two pcs self-tapping screw to lock the tail wheel onto the fuselage tail.

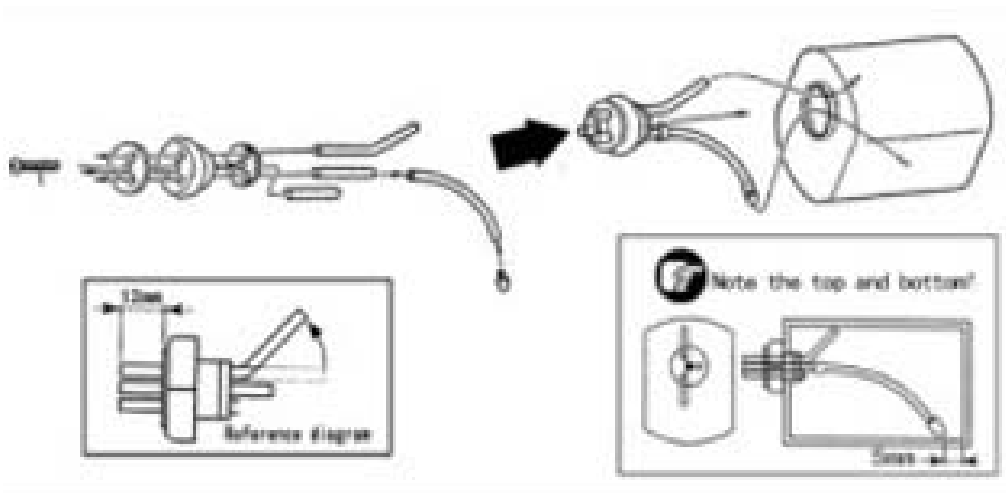


Fuel Tank and Engine Installation

1 Cut out the holes for the



2 Install the fuel tank and the fuel tubes as shown.



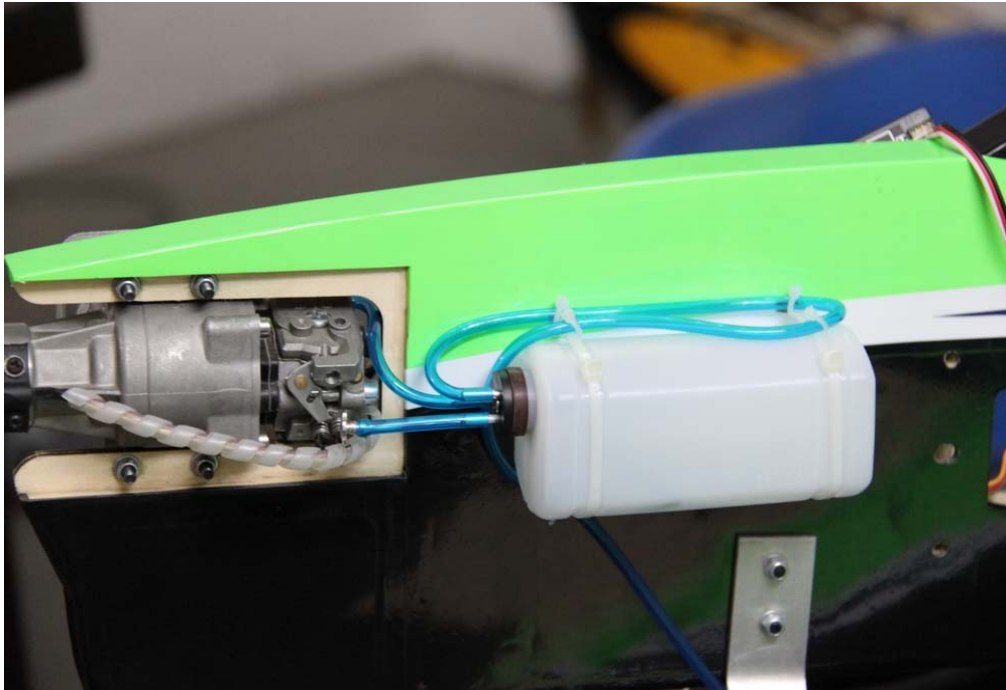
3 Fasten the fuel tank onto the fuselage as shown.



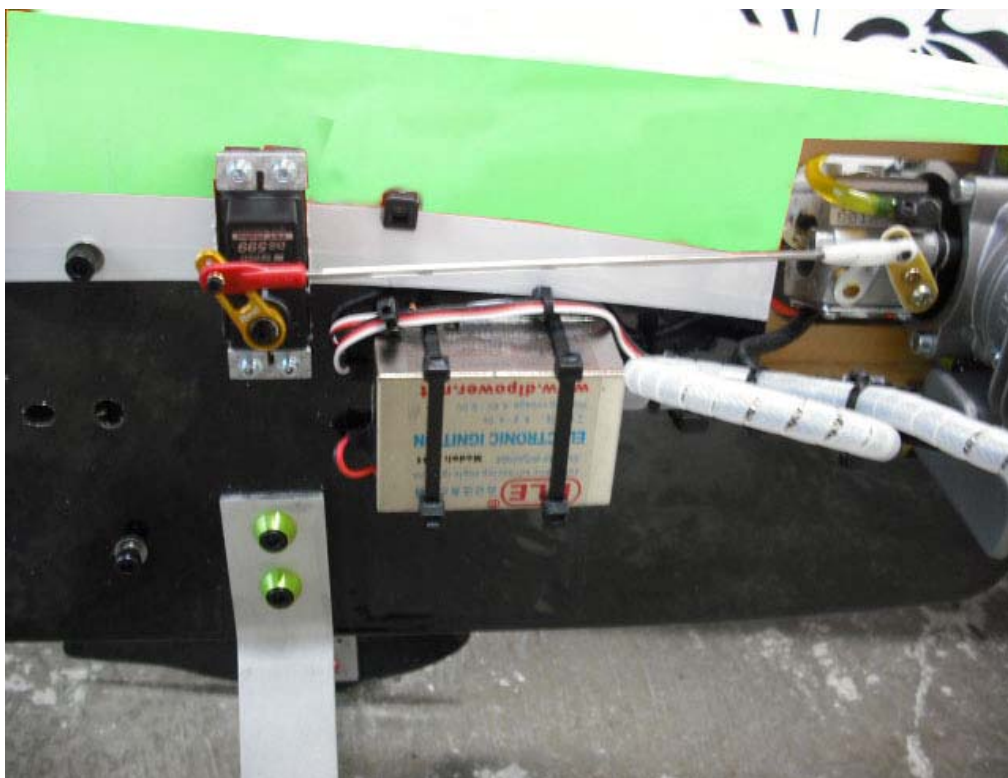
4 Install the engine onto the fuselage



5 Connect the fuel tube of the fuel tank to the engine.



6 Screw the throttle servo onto the fuselage.
Bent the pushrod or use ball links (not supplied),
and use it to connect the servo and the engine.

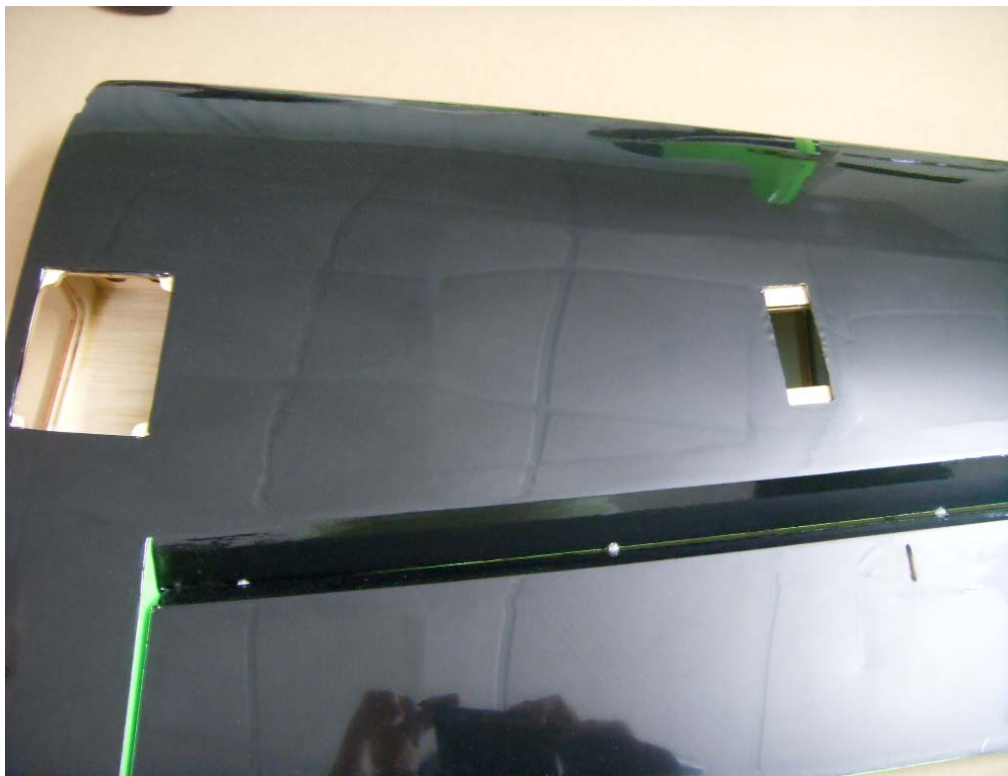


Main Wings Installation

Parts for the main wings



1 Cut out the holes in the wings



2 Insert the fiberglass control horn sheet into the aileron hole pre-cutted.
Use AB glue to glue it.



3 Screw the servo with 4 pieces self-tapping screw



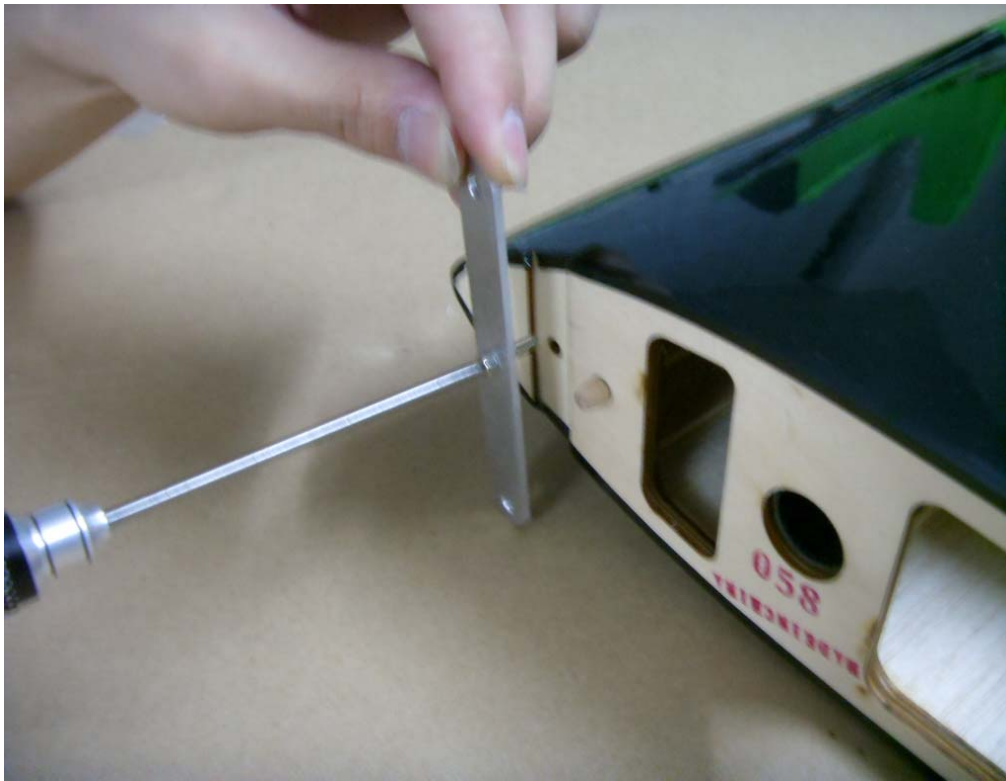
- 4 Install the ball links onto the servo arm and the control horn with stainless push rod supplied.



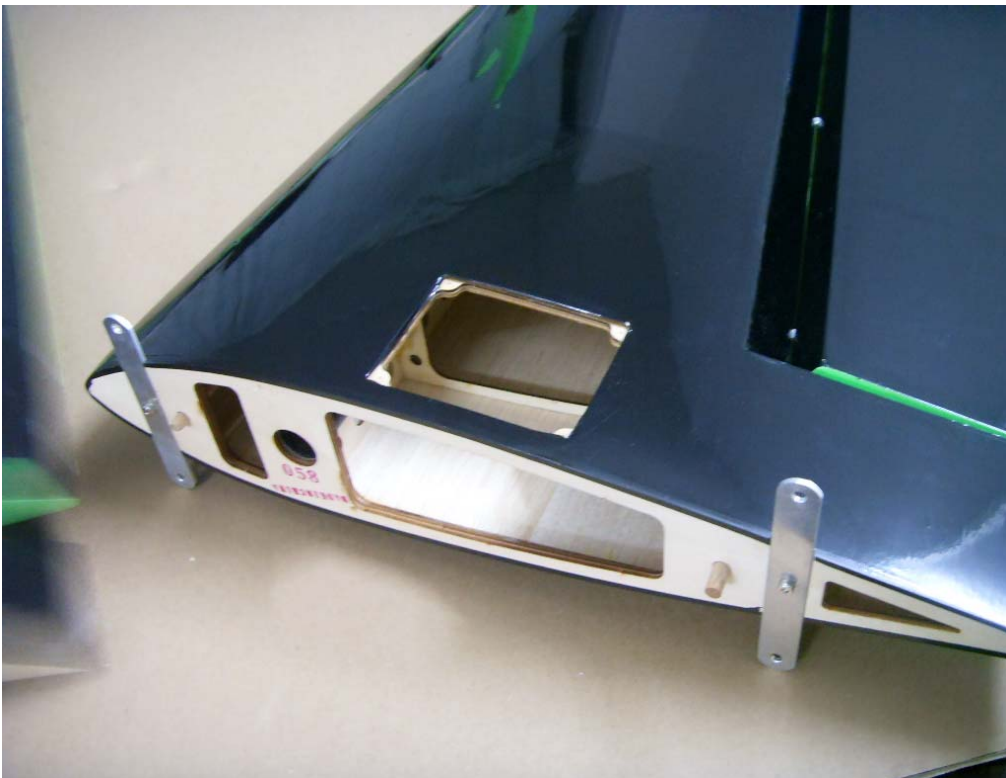
- 5 Find out the slots for the aluminum sheet.



6 Use screw to lock the aluminum sheet onto the wings



7 Repeat the same way on the other side of the wing



8 Stick a velcro tie into the holes in the back of the wing as shown.



9 Stick the battery onto the white velcro tie.



10 Find out the cover plate of this hole



11 Fix the plate onto the back of the wing by screws.

Repeat the same on the other side of the wing to install the receiver.



12 Connect the wings by carbon fiber wing tubes.
Fix it onto the fuselage by screws supplied as shown.



Tail Part Installation.

Stabilizer Installation

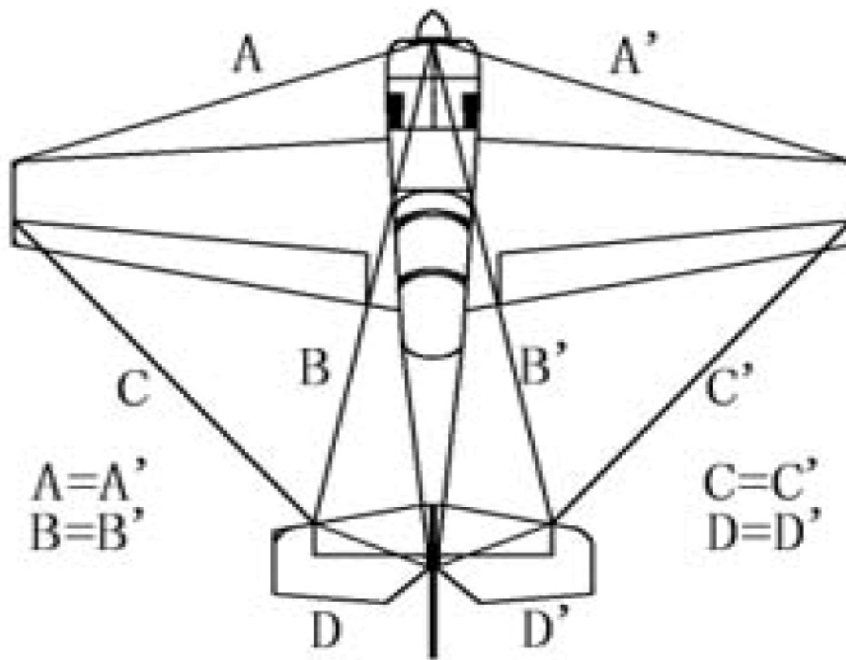
- 1 Remove the covering film at the position for the stabilizer.



2 Use a saw to cut off the part at the end of the fuselage.



3 Insert the stabilizer into the fuselage, and then check it as shown.



4 After checked, then use a pencil to mark the line along with fuselage.



5 Remove the film of the stabilizer on both side.
Use AB glue to glue it into the fuselage.



6 Cut out the slot in the elevator for the elevator control horn.

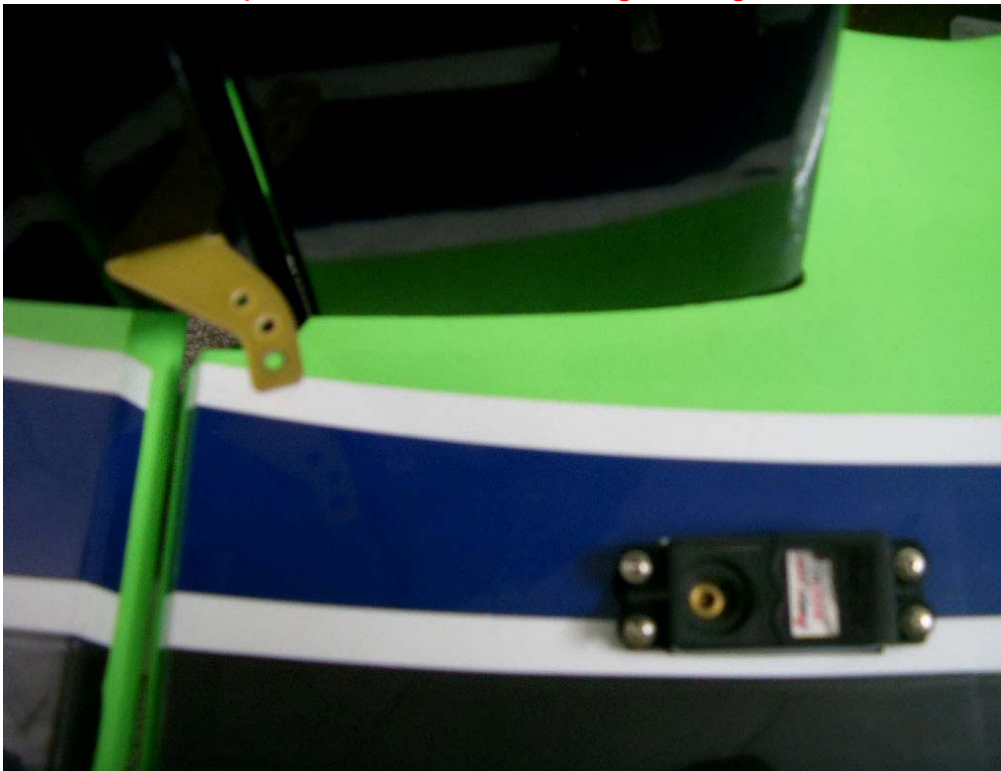


7 Cut out the holes in the fuselage for the elevator servo.



8 Insert the fiberglass control horn into the elevator, and glue with AB glue
Screw the elevator servo onto the fuselage as shown.

Caution: Please always install the servo same Direction as on the photo,
otherwise the pushrod will be not long enough.



9 Connect the control horn and elevator servo with ball links and pushrod.



Rudder Installation

1 Cut out the slot for the rudder control horn as shown.

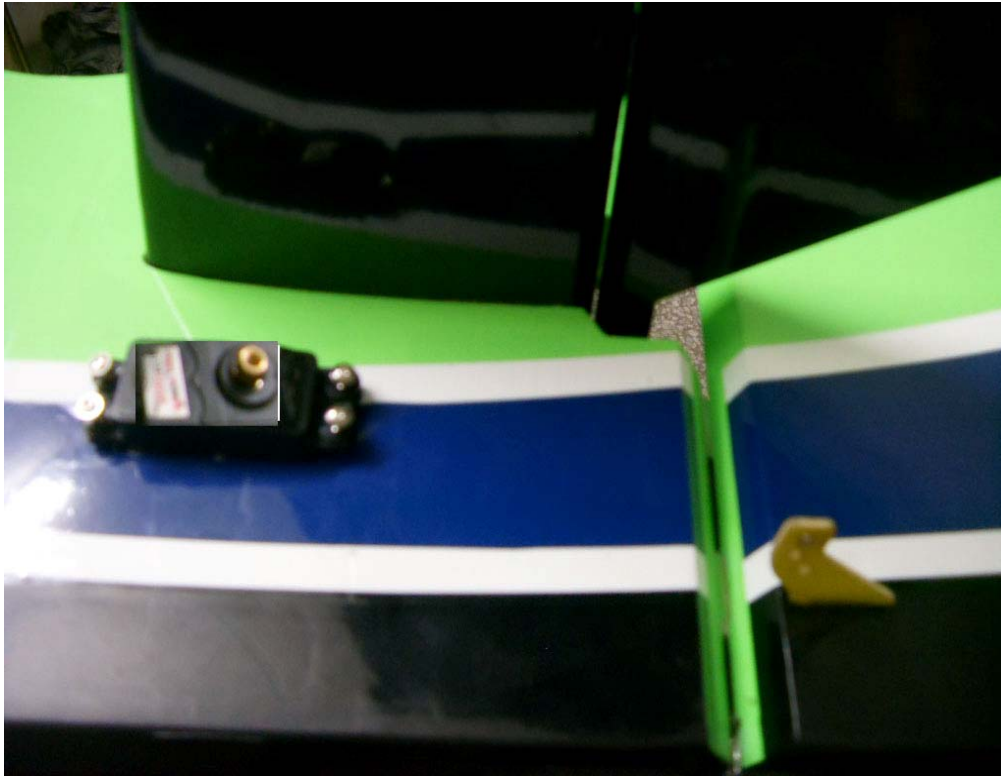


2 Cut out the holes in on the other side of the fuselage for the rudder servo.

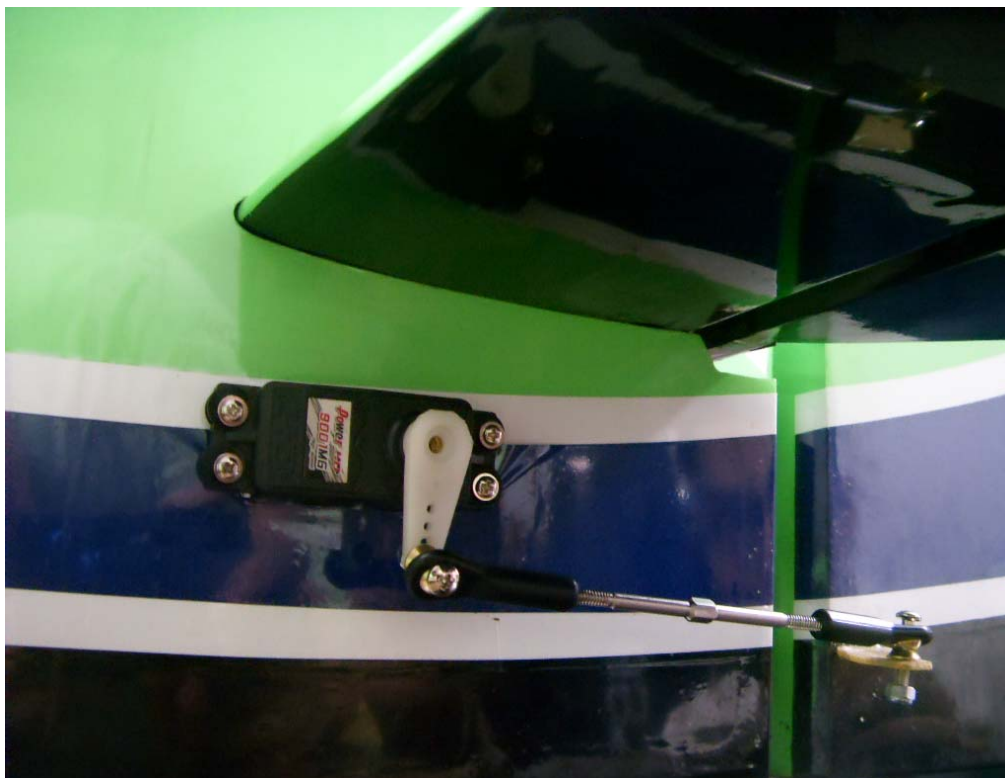


3 Insert the fiberglass control horn into the rudder, and glue with AB glue
Screw the rudder servo onto the fuselage as shown.

Caution: Please always install the servo same Direction as on the photo,
otherwise the pushrod will be not long enough.



4 Connect the control horn and rudder servo with ball links and pushrod.



Tail Wheel Set installation

- 1 Find out the spring packed with the tail wheel set.
Then hook one side of the spring into the small hole of the tail wheel set as shown
Fix up the other side onto the rudder with a self-tapping screw.



Finished Photo

