Before commencing assembly,Please read the instruction manual!

Dynam®
HIGH QUALITY RC PRODUCTS

www.dynam-rc.com

Turbojet

Instruction Manual

Specification

- Wingspan:1180mm
- Fuselage Length:1080mm
- Wing loading:63g/dm^2
- Flying weight:1150g
- Servo:9gX4
- Battery:11.1v 2200mAh 20C Li-Po
- ESC:40AX2
- Motor:KV3300X2

SAFETY PRECAUTIONS

This radio control model is not a toy!

- First-time builders should seek advice from people having building experience in order to assemble the model correctly and to produce its performance to full extent.
- Assemble this kit only in places out of children's reach!
- Take enough safety precautions prior to operating this model. You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

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CE 0678 FC 14+

MADE IN CHINA

Safety Precautions

- Never fly the Airplane where there are crowds of people ,power lines overhead, automobiles or near highways. give yourself plenty of room for flying, as the plane can travel at a high rate of speed. Remember you are responsible for the safety of others.
- Do not fly in strong winds.
- Do not attempt to catch the Airplane while flying.
- Children under the age of 16 should not have admission to the transmitter for the plane.
- Never leave this system unattended, with the batteries in the unit and around children. Injury can result by children turning on the transmitter or the plane.
- Keep away from the propeller at all times. The system can automatically start when the batteries are plugged in, regardless if the transmitter is in the on or off position. The propeller can cause injury!
- Before flying, always remember to turn on the transmitter first, before plugging in the battery pack. Stay clear of propeller.
- Always turn the speed controller all the way down and the switch on “OFF”.(left control stick in the down position) before starting; otherwise the propeller will start on full power when you plug the battery into the plane.
- After running the motor, disconnect the battery first before turning off the transmitter, otherwise the propeller may start at full power.
- Never leave the charger or battery near wet areas.
- Completely discharging a Li-poly battery can result in permanent damage to the cells of the battery. Therefore you must always remember to disconnect the battery after using the plane.

BEFORE YOU BEGIN

- Read through the manual before you begin, so you will have an overall idea of what to do.
- Check all parts. If you find any defective or missing parts contact your local dealer. Please DRY FIT and check for defects for all parts that will require CA or Epoxy for final assembly. Any parts you find to be defective after the gluing process may be difficult to remove for warranty replacement. The manufacturer will replace any defective parts, but will be difficult to extend to the good parts that are good before bluing to defective parts during assembly.
- Symbols used throughout this instruction manual comprise of following:

Apply epoxy glue

Assemble left and right sides the same way.

Pay close attention here!

Pliers

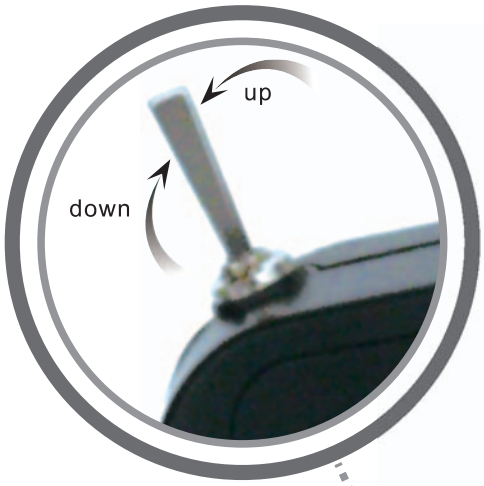
Ensure smooth non-binding movement while assembling.

Cut off shaded portion

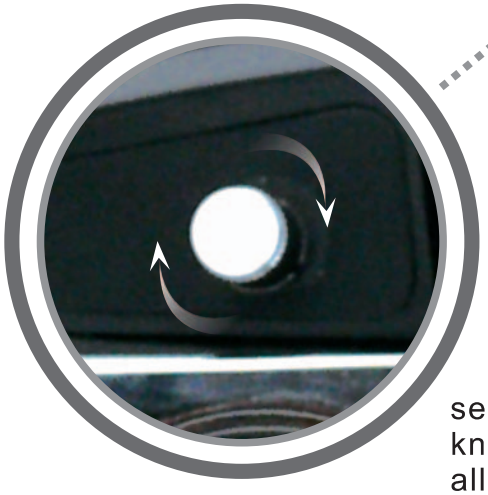
How to use your dynam 2.4G rc system

* important

1:put down throttle sticker.
2:turn on transmitter power-switch.
3:please let your receiver connect with battery in 10 seconds.
4:check your protect-switch,
when protech-switch in up station,put down,release from protect.
when protech-switch in down station,put up frist,then put down again,release from protect,you can fly now.

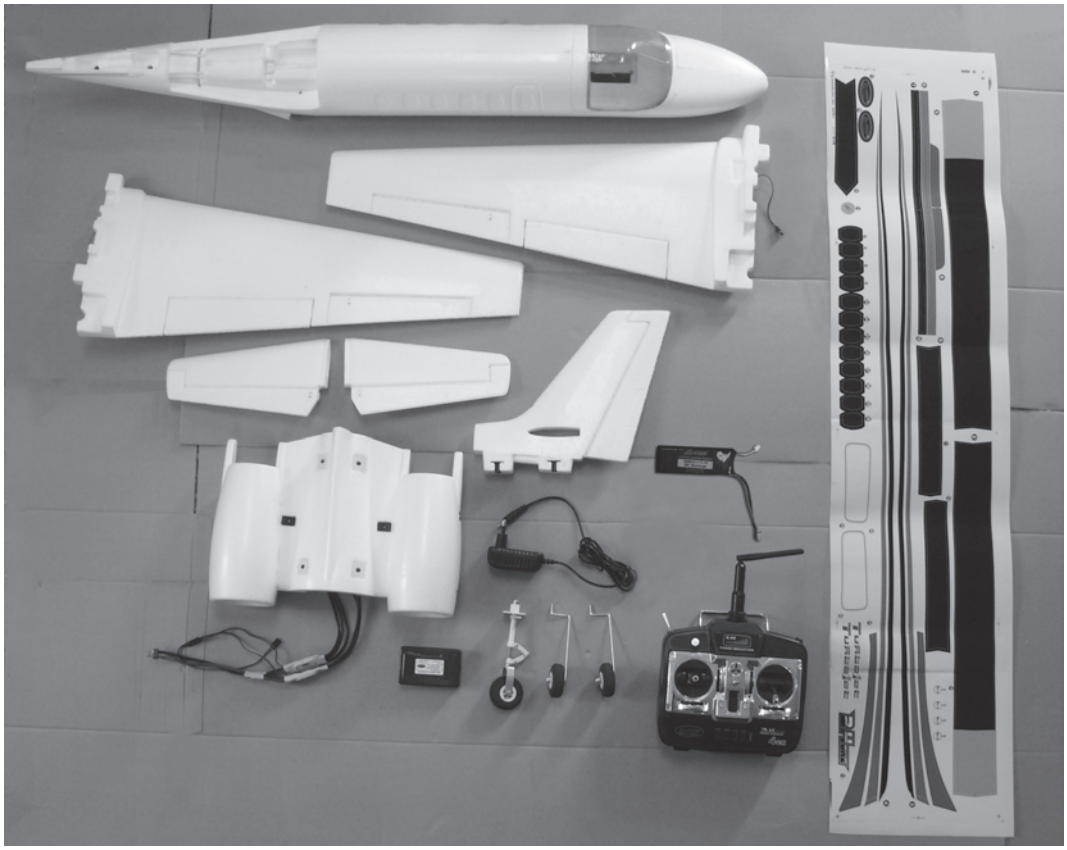


Protect-switch



servo degree-adjust
knob clockwise,
all servo drgree augment

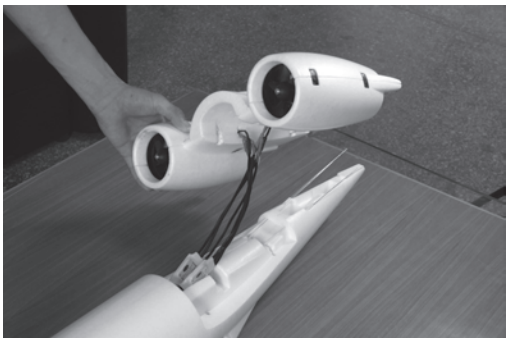
RTF INCLUDING



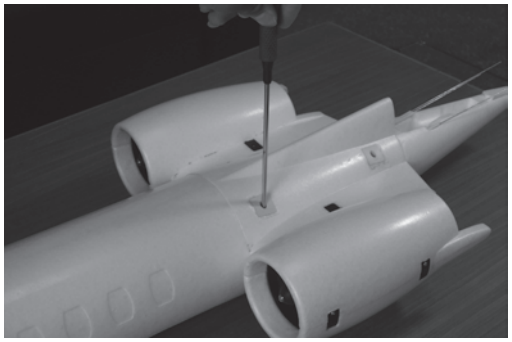
RTF including:

fuselage
wing
elevator
landing gear
Vertical stabilizer
plastic parts set
Hardware
Elevator
edf set
glue
decal
balance charger
LI-Po battery (11.1V 2200mAh 20C)
transmitter
Adaptor
Cockpit
ESC

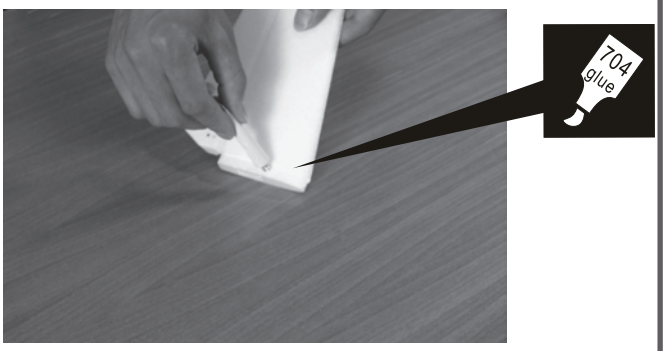
Assembly



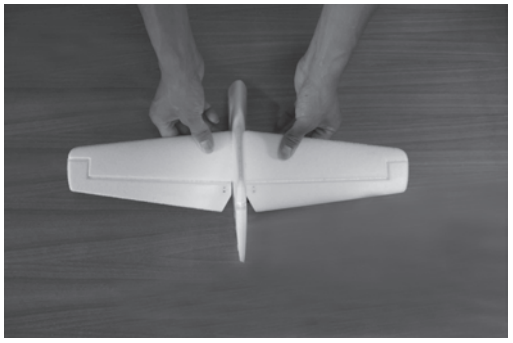
1 As shown,Insert the speed controllers into fuselage.



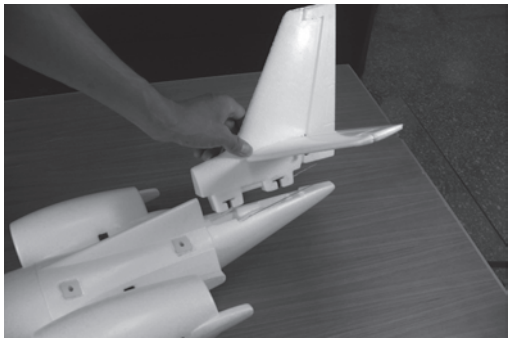
2 As shown,Fix the EDF set on fuselage with 3X40mm screw.



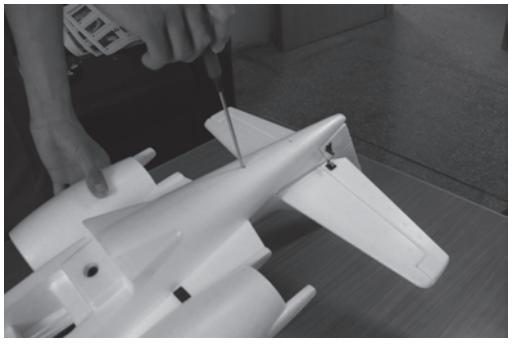
3 As shown, Apply the foam glue on the joiner of the left and right horizontal stabilizer.



4 As shown,Glue the horizontal stabilizer in place.

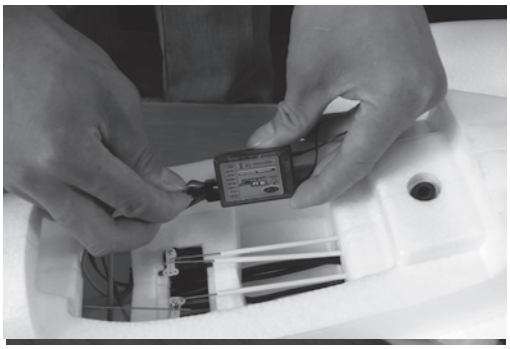


5 Insert the vertical stabilizer into the fuselage.

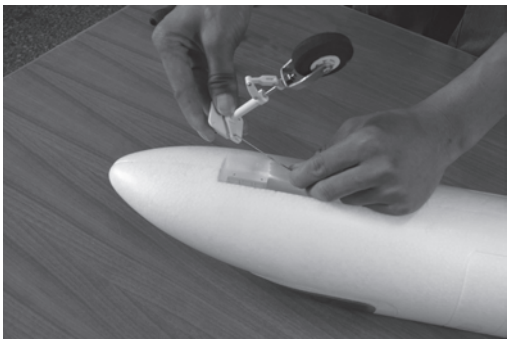


6 As shown,Fix the vertical stabilizer on fuselage with 2.3X20mm screw.

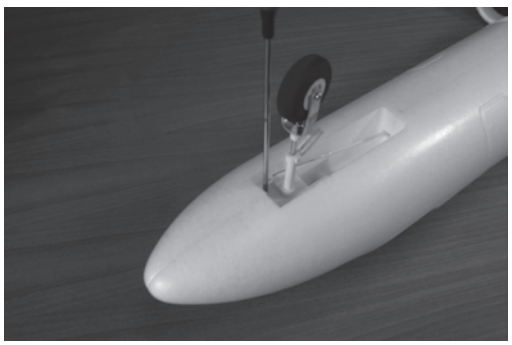
Assembly



7 As shown, Insert speed controller wires into THR channel of receiver.

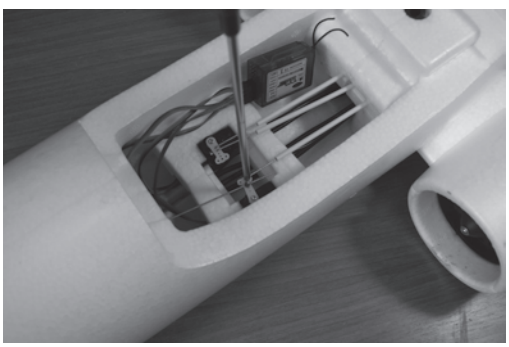


8 As shown, Insert Z-bend of pushrod into the hole of the nose landing gear.



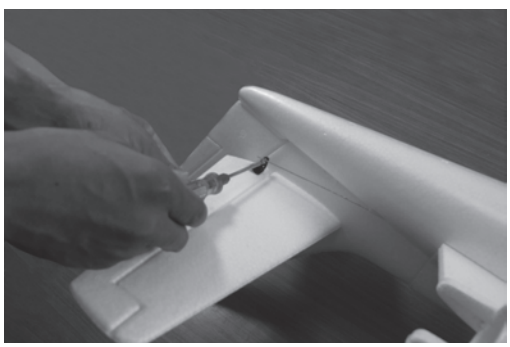
9 As shown,Fix the nose landing gear on fuselage with 2.5X8mm screw.

10 As shown, Apply the foam glue to the stuffing foam and insert it into fuselage as shown.



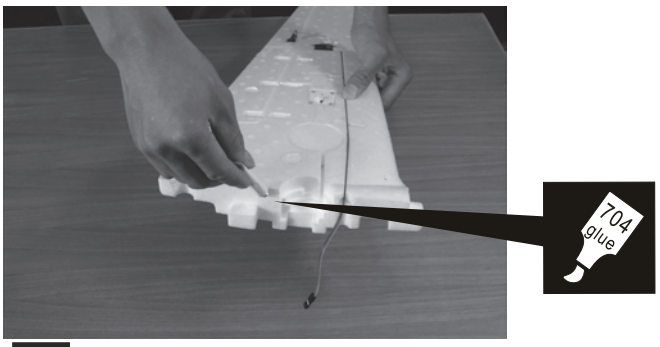
11 Insert the direction pushrod into the hold of quick-controller and tighten clamp connectors.

(Remark: The servo should be in center position)

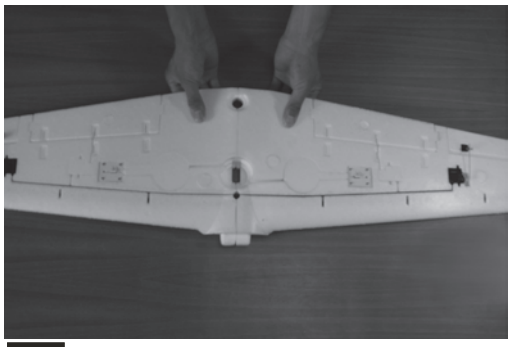


12 As shown,Insert elevator pushrod into the hold of quick-controller and tighten clam connectors.

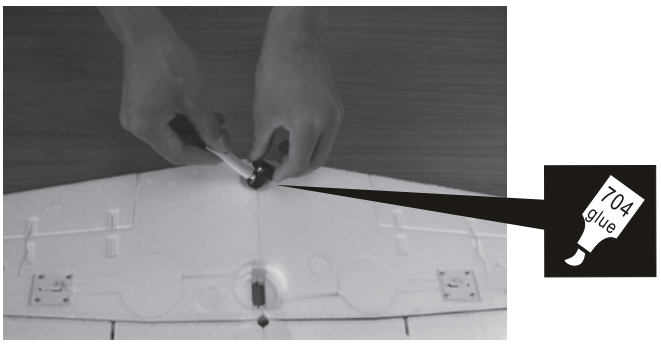
Assembly



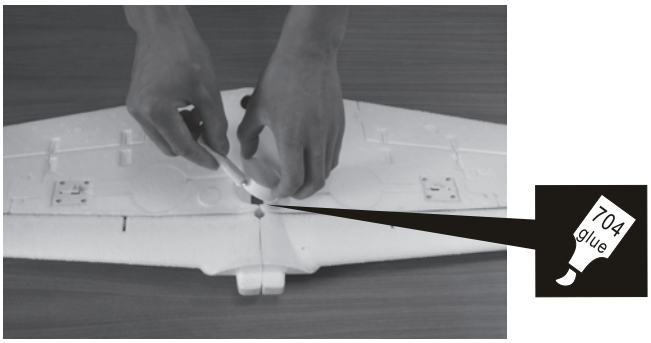
13 Apply the foam glue on the joiner of the left and right wings.



14 As shown,Glue left and right main wings together.



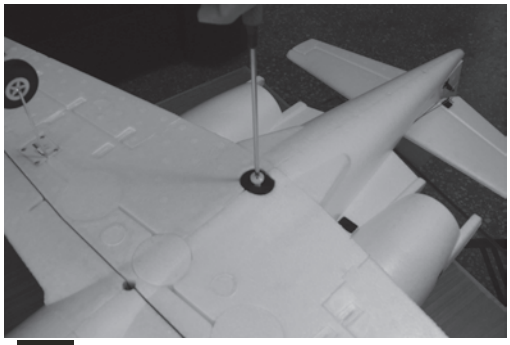
15 As shown,Apply the foam glue on the plastic part and insert it in the main wing as shown.



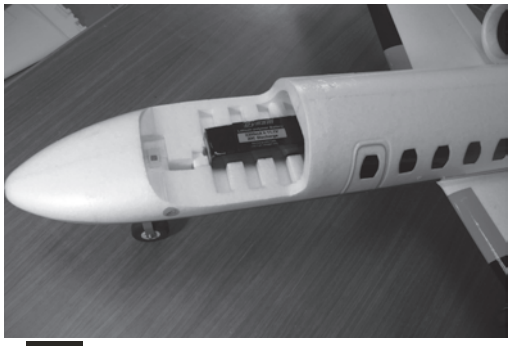
16 As shown, Apply the foam glue to the stuffing foam and insert it into wing as shown.

17 As shown,Apply the foam glue on the joiner of the rear landing gear and push it in the position.

18 As shown,Connector the aileron servos with Y wires.

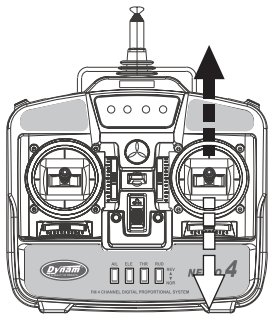
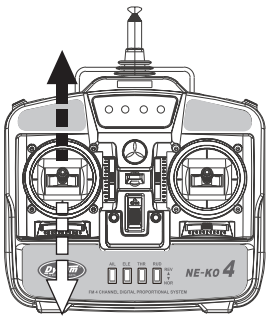
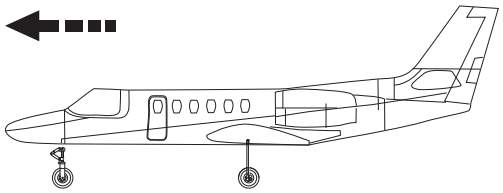
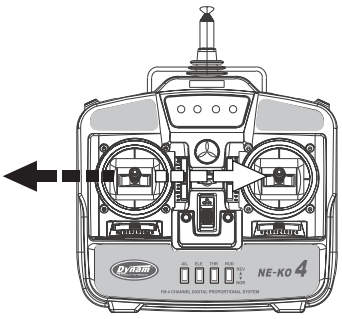
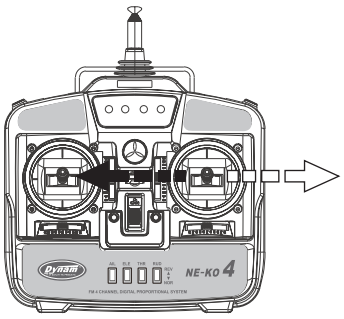
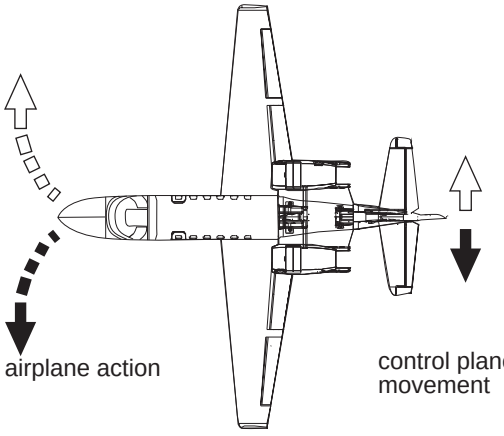
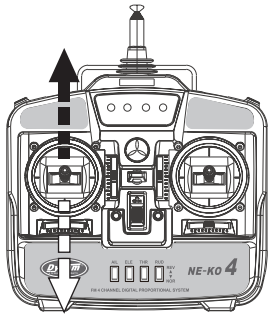
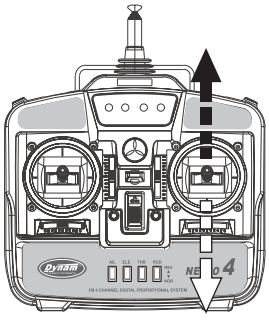
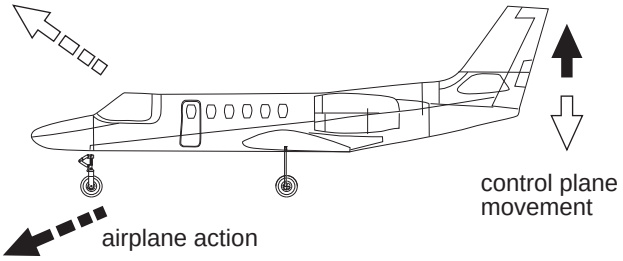
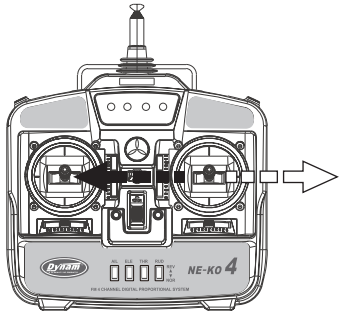
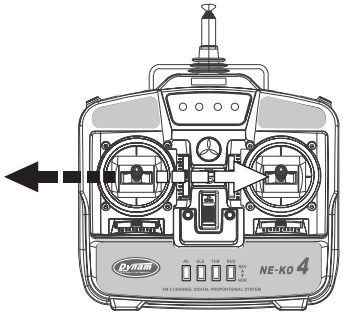
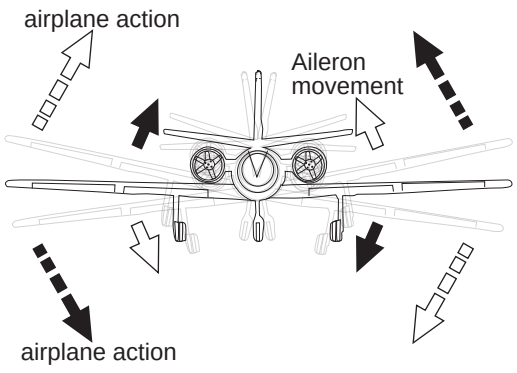


19 As shown,Fix the wing on fuselage with 6X50mm plastic screw.



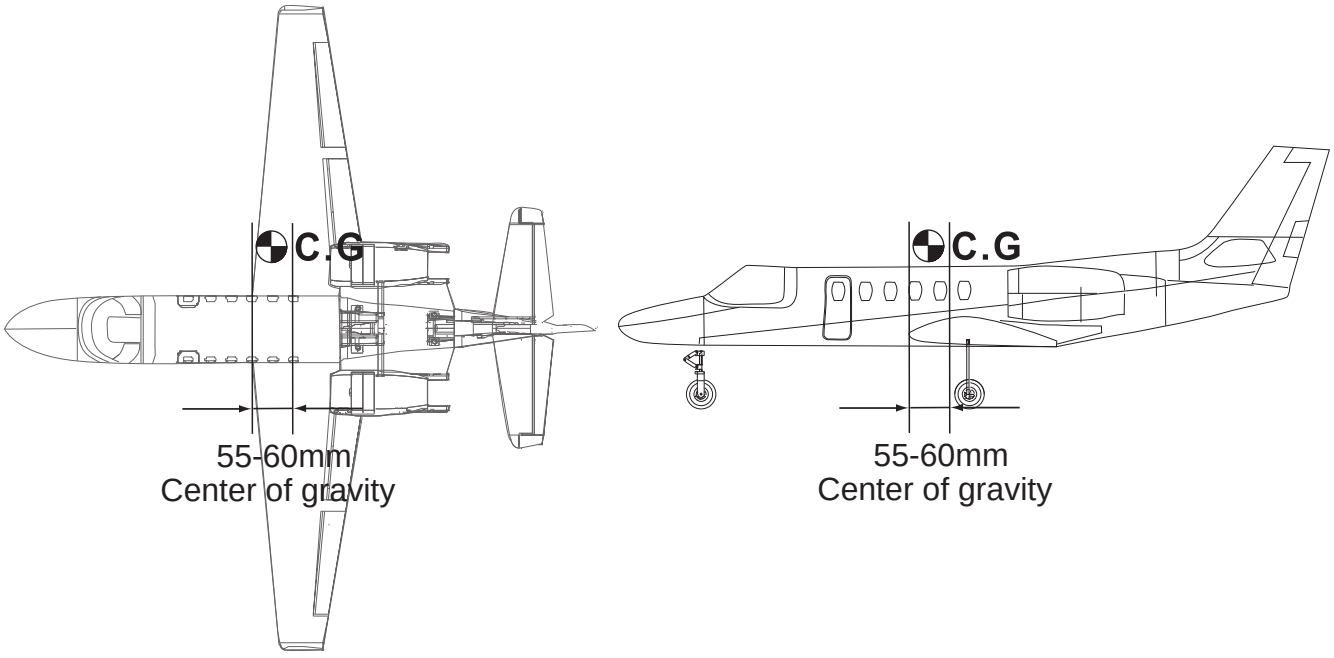
20 As shown,Put the battery in position.

STICK OPERATION

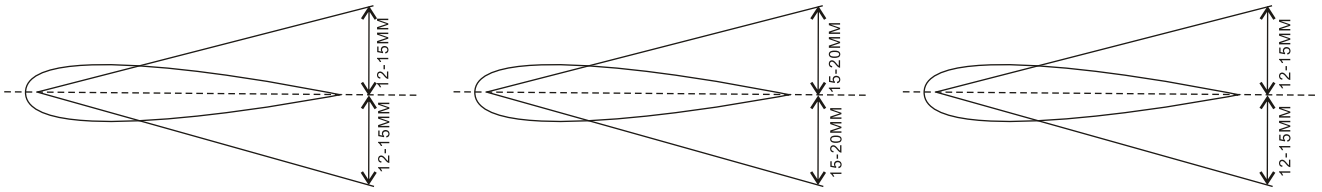
MODE 1	MODE 2	MOVEMENT
THROTTLE		
		
RUDDER		
		
ELEVATOR		
		
AILERONS		
		

CG And Receiver Assembling

The ideal C.G. position is 55~60mm behind the leading edge measured at where the wing meets the fuselage. In order to obtain the C.G. specified, add weight to the fuselage or move the battery position. Check the C.G. before flying.



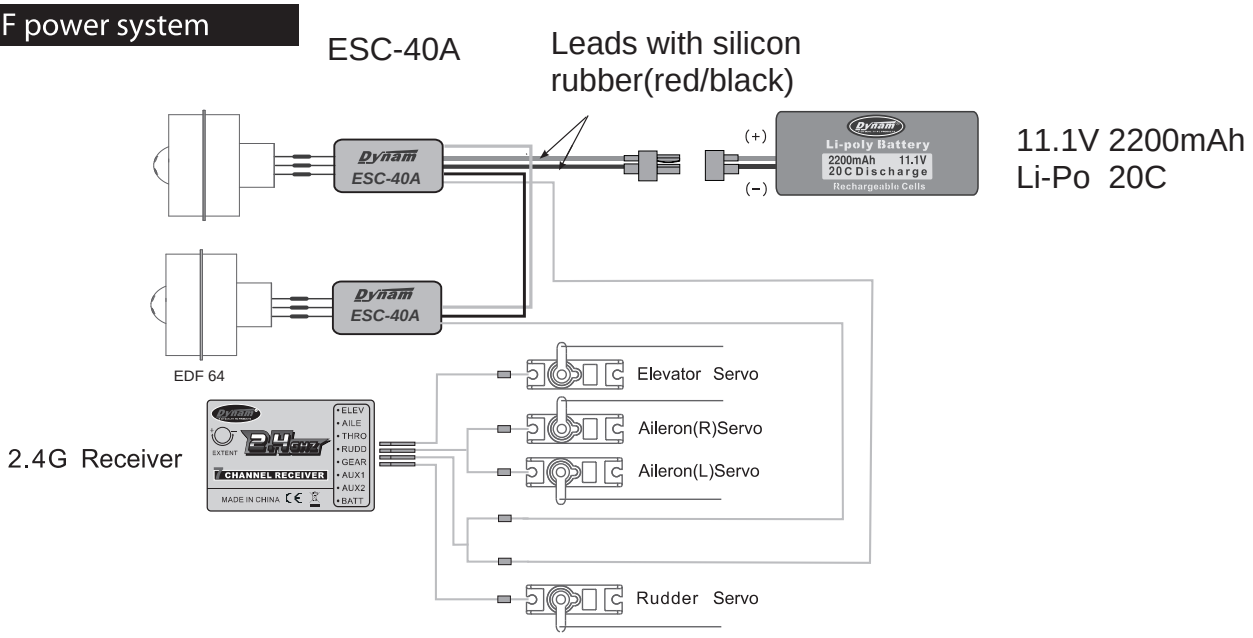
SUGGEST CONTROL THROW SETTING



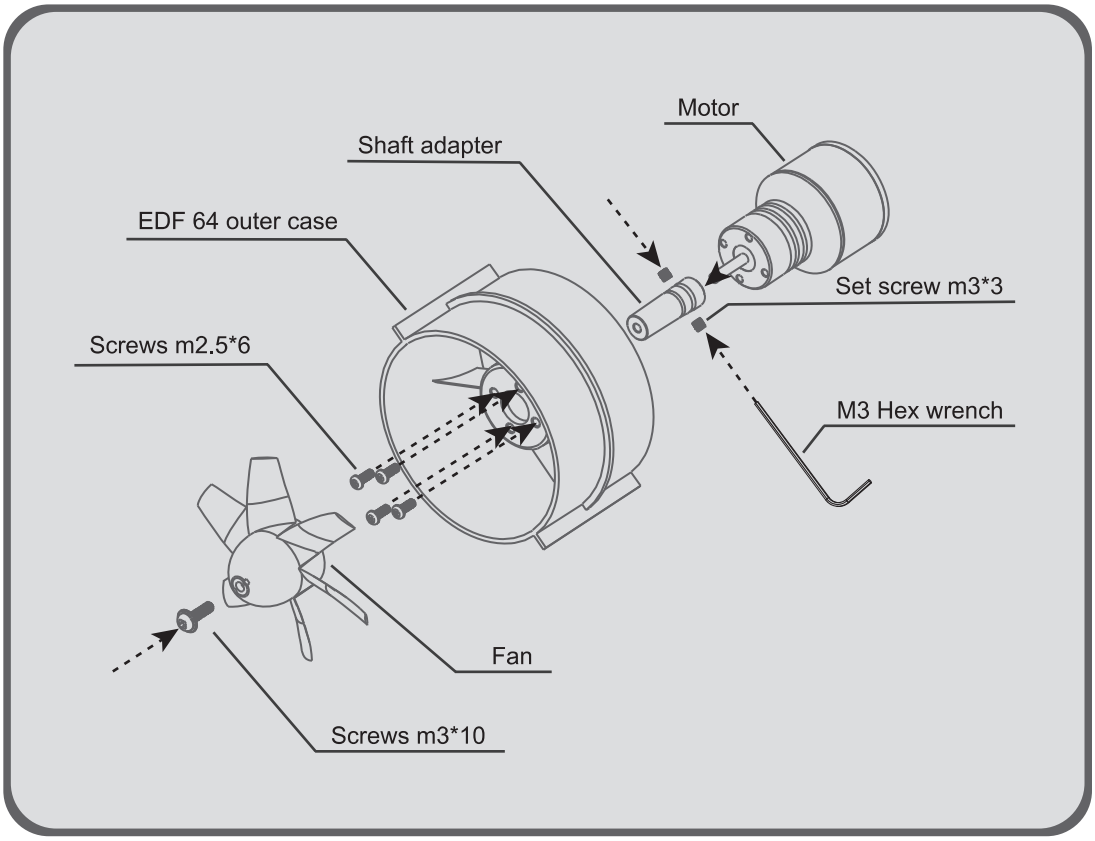
ELEVATOR AILERON RUDDER

R/C system & wiring

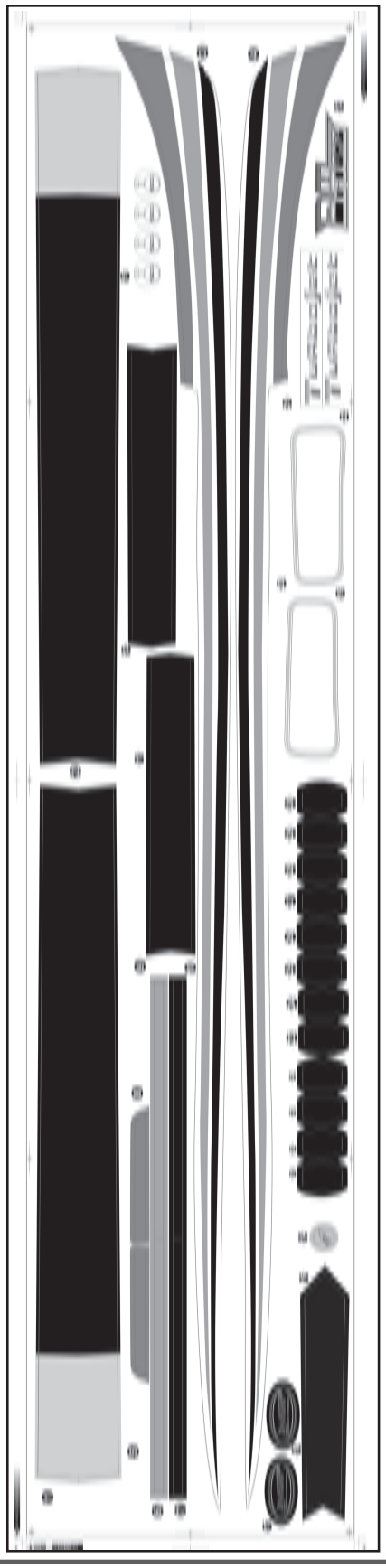
EDF power system

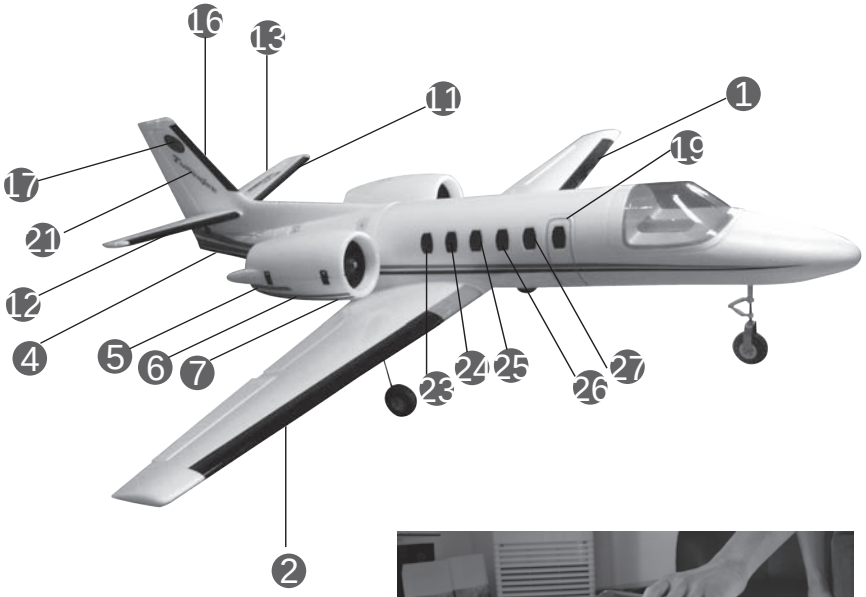


EDF assembly

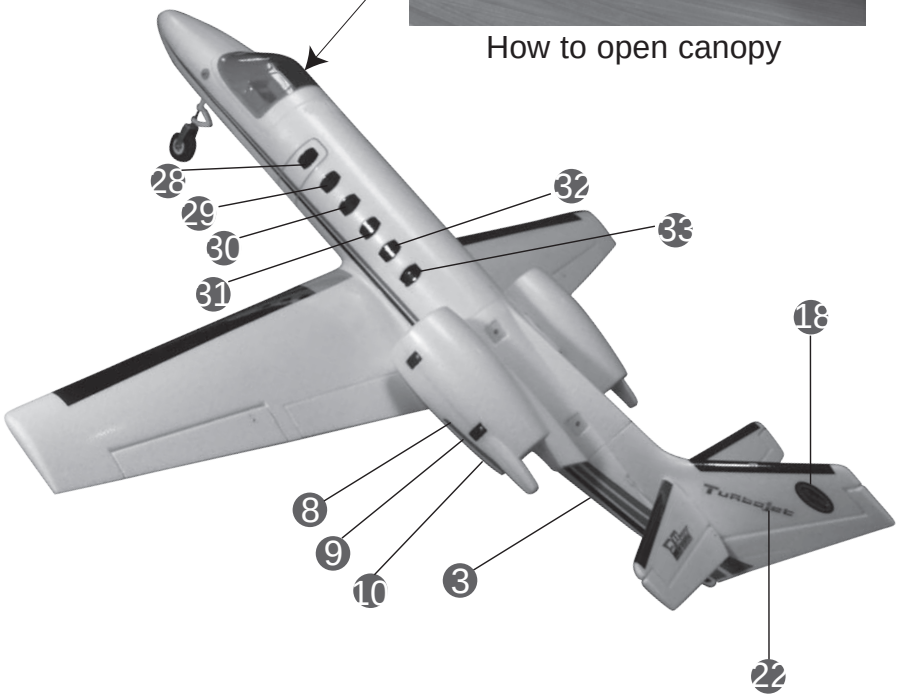


Decal





How to open canopy

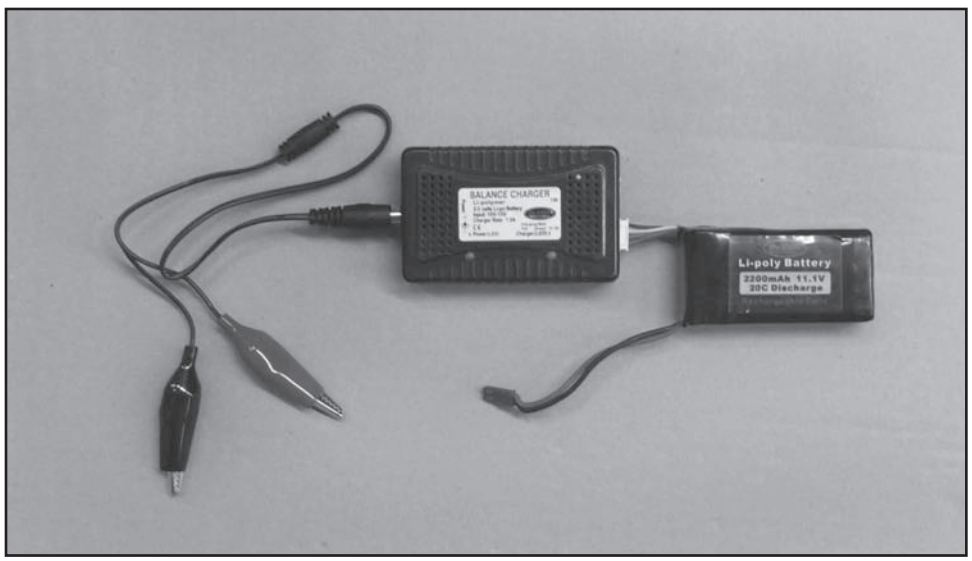


Battery Warning And Charging

Lithium-polymer batteries are a revolutionary new rechargeable battery technology for electric R/C flight, offering a variety of significant advantages over NiCd, NiMH and Li-Ion batteries. It is very important to have a good understanding of the operating characteristics of Li-Po batteries especially their exact rated voltage. Always read the specifications printed on the label of your Li-Po battery prior to use, and read this instruction sheet in its entirety.

WARNING! Lithium-Polymer batteries (Li-Po) are entirely different than NiCd and NiMH batteries and must be handled differently as well!! Failure to follow these care and handling instructions can quickly result in severe, permanent damage to the batteries and its surroundings and even start a FIRE!

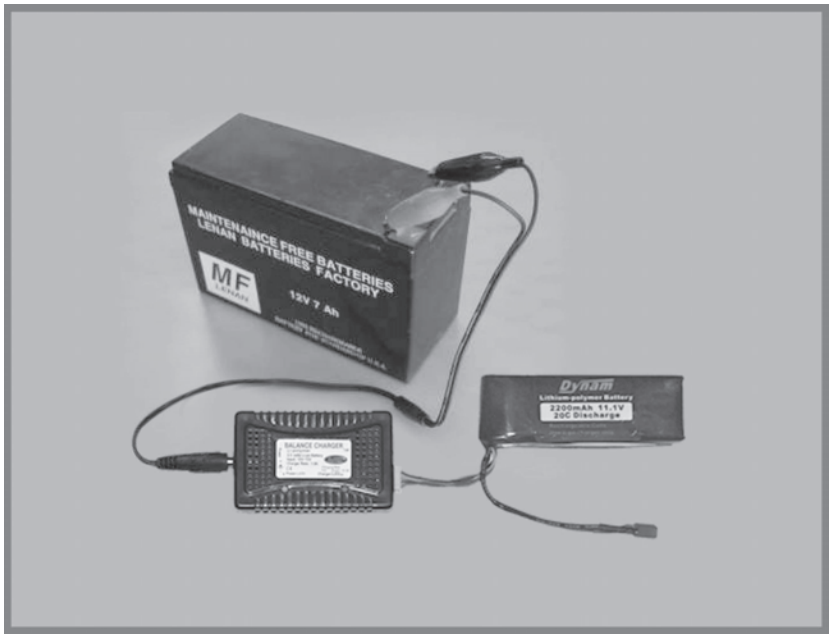
- You must charge the Li-Po battery pack in a safe area away from flammable materials.
- Never charge the battery unattended. When charging the battery you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.
- After flight, the battery cool down to ambient temperature before charging.
- Wire lead shorts can cause fire! If you accidentally short the wires, the battery must be placed in a safe area for observation for approximately 15 minutes.



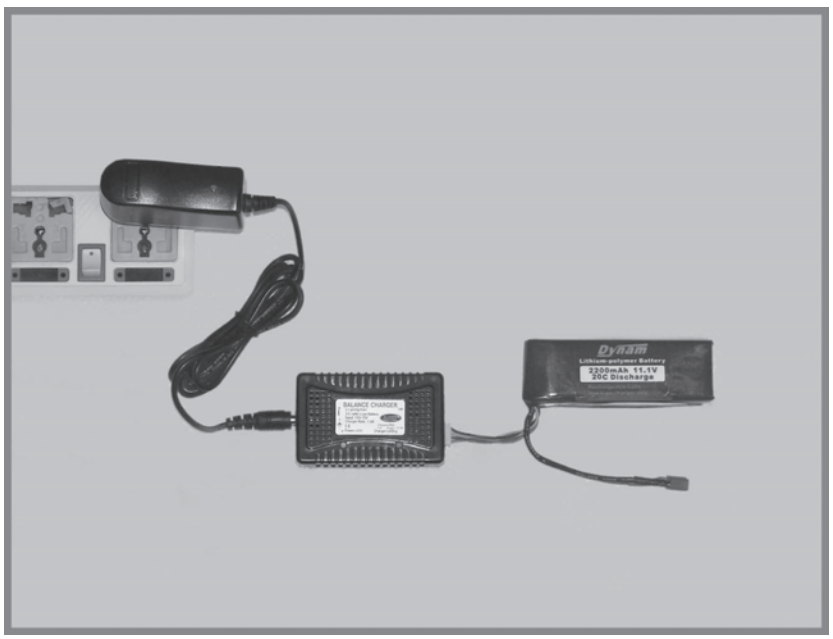
- In the event of a crash, you must quickly and safely disconnect and remove the battery from observation , then place it in a safe, open area away from flammable materials to observe it for at least 15 minutes.
- Store the battery at room temperature for best results.
- Do not over-discharge the battery. Discharging the battery too low can cause damage to the pack resulting in reduced performance and duration.

Battery Warning And Charging

The charger requires up to 1.5 Amps of 10-15 Volt DC input power that can be supplied from a small 12V gel cell or car battery.

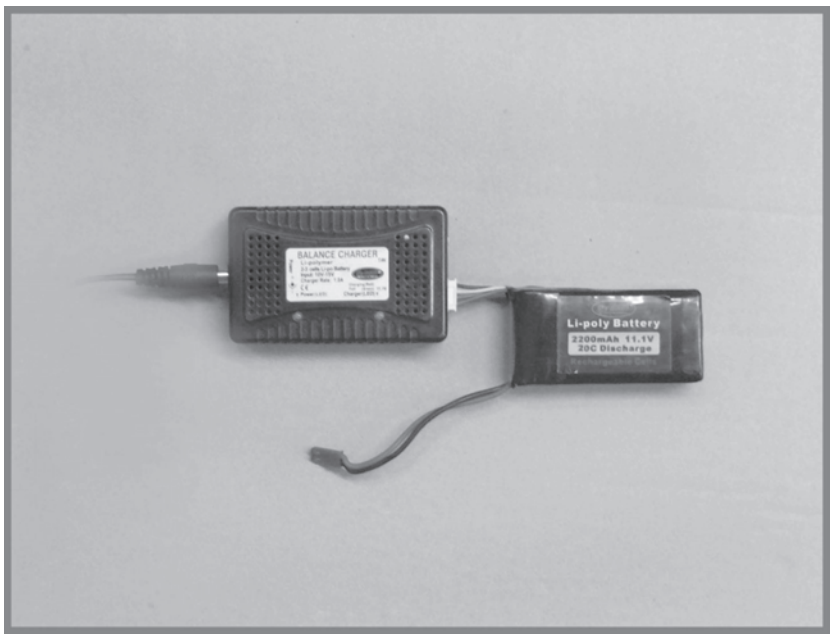


Input power for the charger can also be supplied through the use of an AC to DC adapter/power supply for convenient charging anywhere an AC outlet is available. We recommend the optional AC to 12V DC, 1.5 Amp Power Supply. **NEVER attempt to power the charger from an AC outlet without the use of a proper AC to DC adapter/power supply.**



Battery Warning And Charging

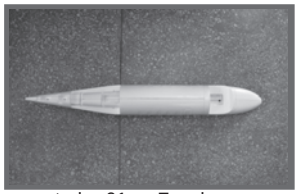
Once you have connected the charger to a power source,The red LED will turn on. Connect the Li-Po battery pack to the charger.When the park is full charged.The green LED will turn on.



Install the Transmitter Batteries

Install 8 new “AA” batteries in the included transmitter. Check the power level of the batteries and operation of the transmitter by switching the power switch on (upward). The status LEDs at the top of the transmitter will indicate the power level of the batteries. If at any time the status LEDs no longer show green, it will be necessary to replace the batteries with new ones.

Parts List

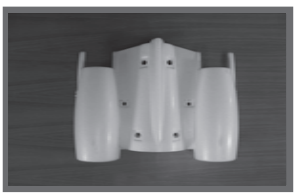


turbo-01 Fuselage

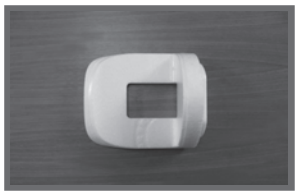
turbo-02 wing

turbo-03 Vertical stabilizer

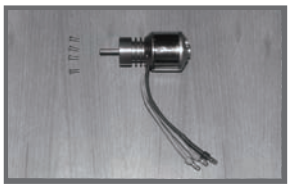
turbo-04 Elevator



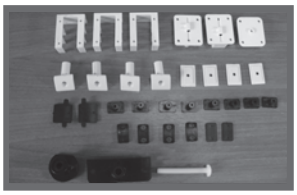
turbo-05 EDF SET



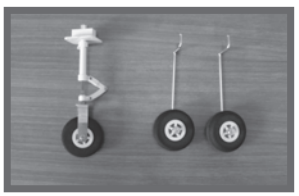
turbo-06 Cockpit



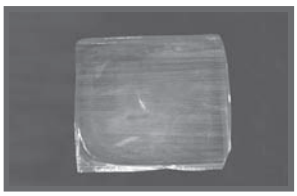
DYM-0010 Brushless Motor



turbo-07 Plastic Part set

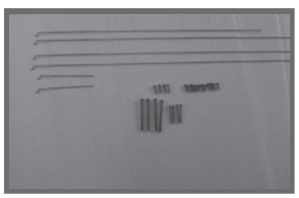


turbo-08 Landing gear

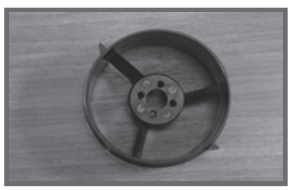


turbo-9 Canopy

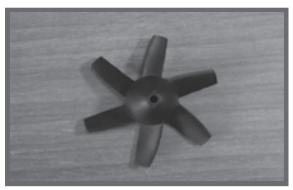
DYAT-008 Servo Horn



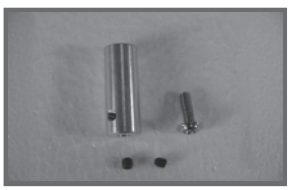
turbo-10 Hardware



turbo-11 Duct

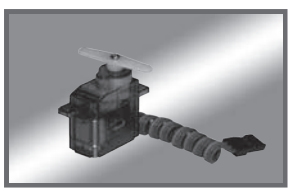


turbo-12 6 leaf blades



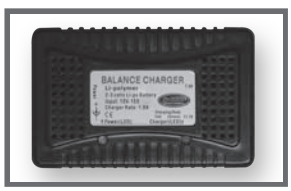
turbo-13 Duct hardware

DY-3001 quick-controller



DY-1007 9g Servo

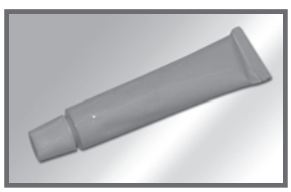
DYA-000X Adaptor



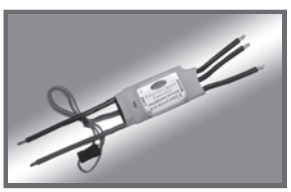
DYE-1002 Balance Charger

DY-6006 11.1V 2200mAh 20C Li-Po Battery

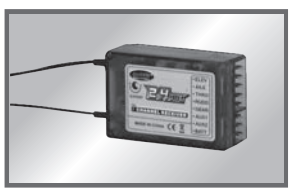
DYT-2002 Transmitter



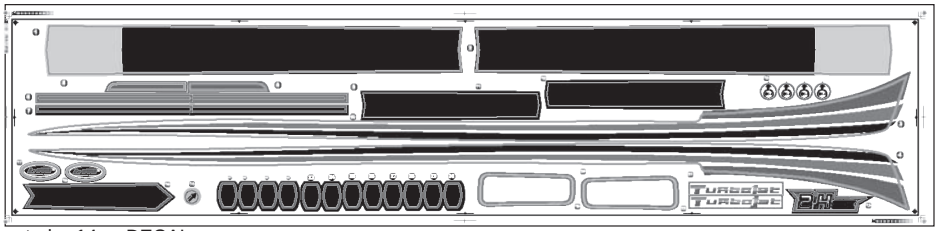
DY-3003 Glue



DYE-1004 40A ESC



DYR-2001 2.4G Receiver



turbo-14 DECAL

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