

F-4 Phantom II



Instruction Manual

9. ESC



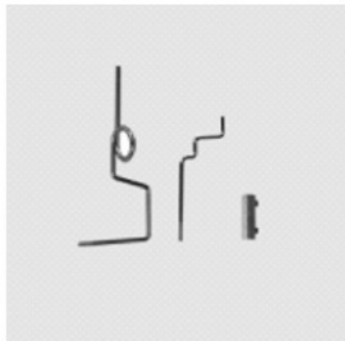
Item No.:550607

10. Landing gear

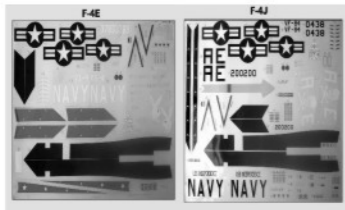


Item No.:550606

11. the front steering steel line



13. Stickers



Item No.:550611

12. Epoxy glue(AB)



14. Power battery



Item No.:300215

14. Balancer charger and adaptor

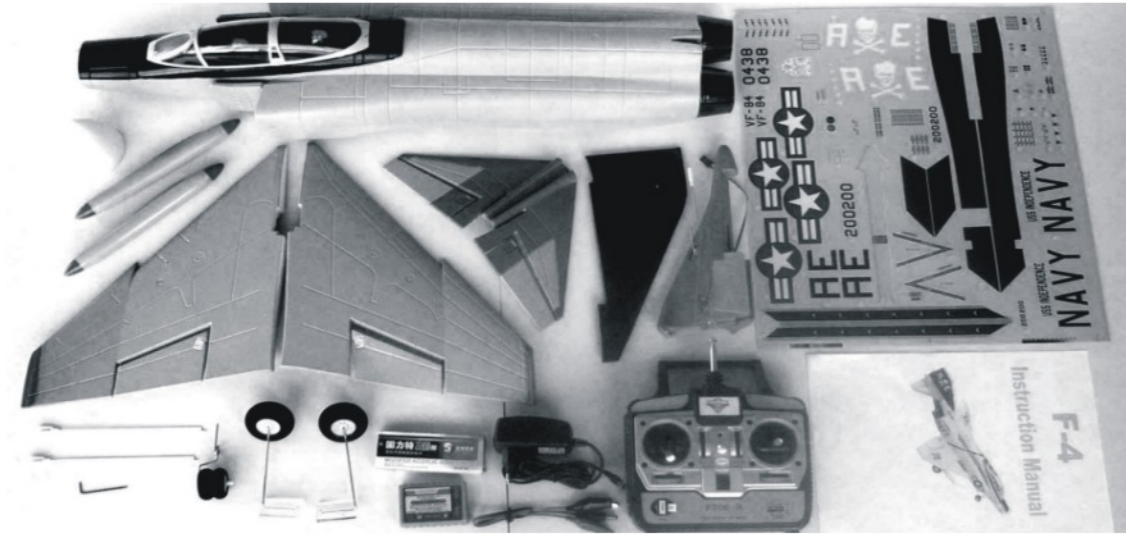


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The components of the product:

Fuselage, Main Wing, Elevator, Rudder, Radio System(TX+RX), Power Battery, Balancer Charger, Front Landing gear, Rear Lang gear, Epoxy glue(AB),. control rod



Technical Data

Specifications:

Wingspan: 628mm(24.7 inches)

Length: 1000mm(39.5 inches)

Weight: 620g(21.8 ounces)

ARF version includes:

18L Brushless inrunner motor

30A Brushless ESC with BEC and Deans-style connector

4 9 gram servos

64mm Ducted fan unit

3 cell lithium-polymer battery with balancing tap and Deans-style connector

Balancing charger

RTF version also includes:

Quality 4 channel FM transmitter and reciever

FEATURE:

Sport scale electric ducted fan jet model

Unique design featuring a single ducted fan unit while retaining twin engined looks

Precision molded EPS airframe with outstanding detail and scale appearance

Excellent flying charachteristics, will loop, roll, fly inverted, and do most other maneuvers

Steerable nosegear for good ground handling

Excellent handling in at both high and low speeds

Very powerful preinstalled power system allows quick takeoffs

Quality lithium-polymer battery gives long flight times

Balancing charger for power, safety, and long battery life

* A high-performance electric ducted fan ready-to-fly model. Only very minor assembly is required. All electronic equipment is installed and wired at the factory, no soldering needed. Every part needed to assemble and fly is included in the box. Factory painted and decorated. Includes sturdy fixed landing gear with steerable nosegear. Landing gear can be left off and the plane hand-launched and belly-landed on rough grass fields. The included power system provides excellent thrust that will satisfy both beginning and expert pilots, and all parts can be easily accessed and removed for servicing. The special velcro battery box can accomodate a wider range of batteries. Very powerful motors or much larger batteries can be easily installed with little or no modification to the airframe if the pilot wishes to customize the plane for even more performance. Missles and many decals are included for super scale appearance. The plane is stable in the air, easy to take off and land, but very aerobatic, has a reliable and maintainance-free power system, and will provide many happy flights for both beginners and experts.

Accessories list

1. Fuselage



2. Main Wing



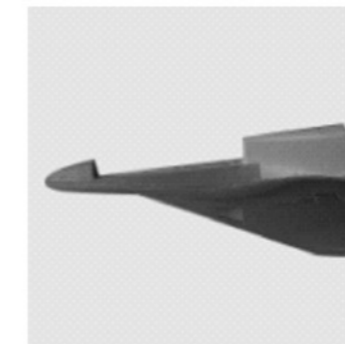
3. Elevator



4. Rudder



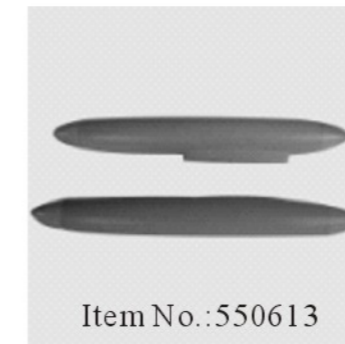
5. Tail fuselage



6. Nose cone



7. Droppable fuel tank



8. Motor



Fault Treatment And Solution

Fault	Reasons	Solutions
The remote control is power off	Switch is at the position of "off"	Turn the switch at the position of "ON"
	Improperly connecting the polarity of the battery	Check the battery to see whether it is connected properly
	Battery is no power or it is overuse thus its function descent, could not work	Change new battery
Plane flight always deflect to one side	The aileron's servo' is not at the middle position	Adjust the remote control's trim
The propeller does not move	The battery has not enough power	Recharge the battery
The remote control does not work	Not turn on the remote control	Turn the switch to the position of "ON"
	Not tighten the antenna, or it is not pull out completely	Make sure to tighten the antenna and pull it out completely
	The battery is not charged enough	Recharge the power battery

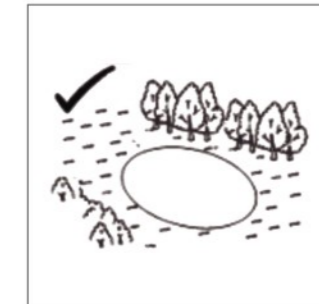
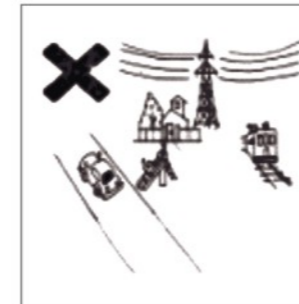
Safety Precautions:

Read before flight:

1. Before each flight, please check the aircraft and remote control to see whether they are in good condition.
2. RC aircraft is not a toy! Its operation is quite different from toy rc cars and toy rc boats. The improper operation or other interference or other factors may cause danger. Before fly, please read the user manual carefully and obey the regulation in order to enjoy a safe and pleasant flight.
3. Before flight, make sure that weather there is people who use the same frequency at the distance of 2000 meters. The confirmed method is: Connect the plane's power battery, to see whether the servos have the phenomena of bounce. If that happens, it means there is same frequency operated near by. Please change time or place to fly, or in consultation with other side to fly take turns.
4. Please use our company spare part to repair the fault parts.

Safety Precautions

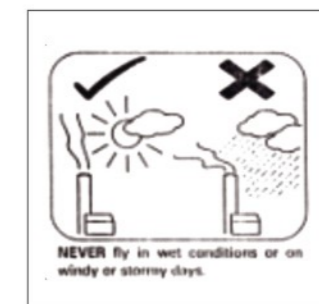
1. Please do not repair or change any part of the plane without our company's approve and authorization, otherwise the customers are responsible for all the harm or damage.
2. Please do not mixed use the old and new batteries, do not mixed use the alkaline battery, rechargeable battery and other kinds of battery. Please make sure to connect the polarity of the batteries properly. Discarded battery should be handed in to the environmental protection departments.
3. Fly field should be wide-open and free of obstacles: do not fly near highways, railway, airport, power lines or Residential areas.



4. Please do not face a people to fly plane, or throw the plane to others, in order to avoid danger.



5. Please do not fly in the strong wind or heavy thunder weather.



6. Please do not get hands or faces close to the working propeller.



7. DO NOT dispose of empty fuel containers on a fire, that will lead to an explosion.



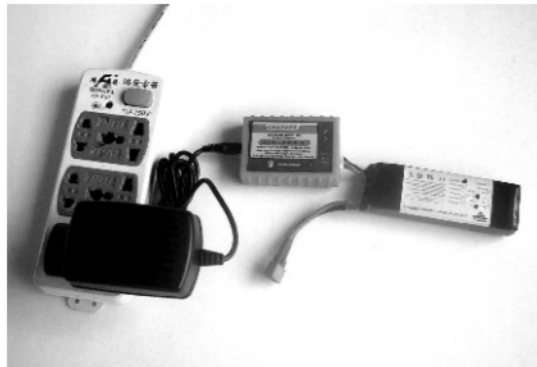
Note: It is forbidden to fly in Strong wing.

Statement:

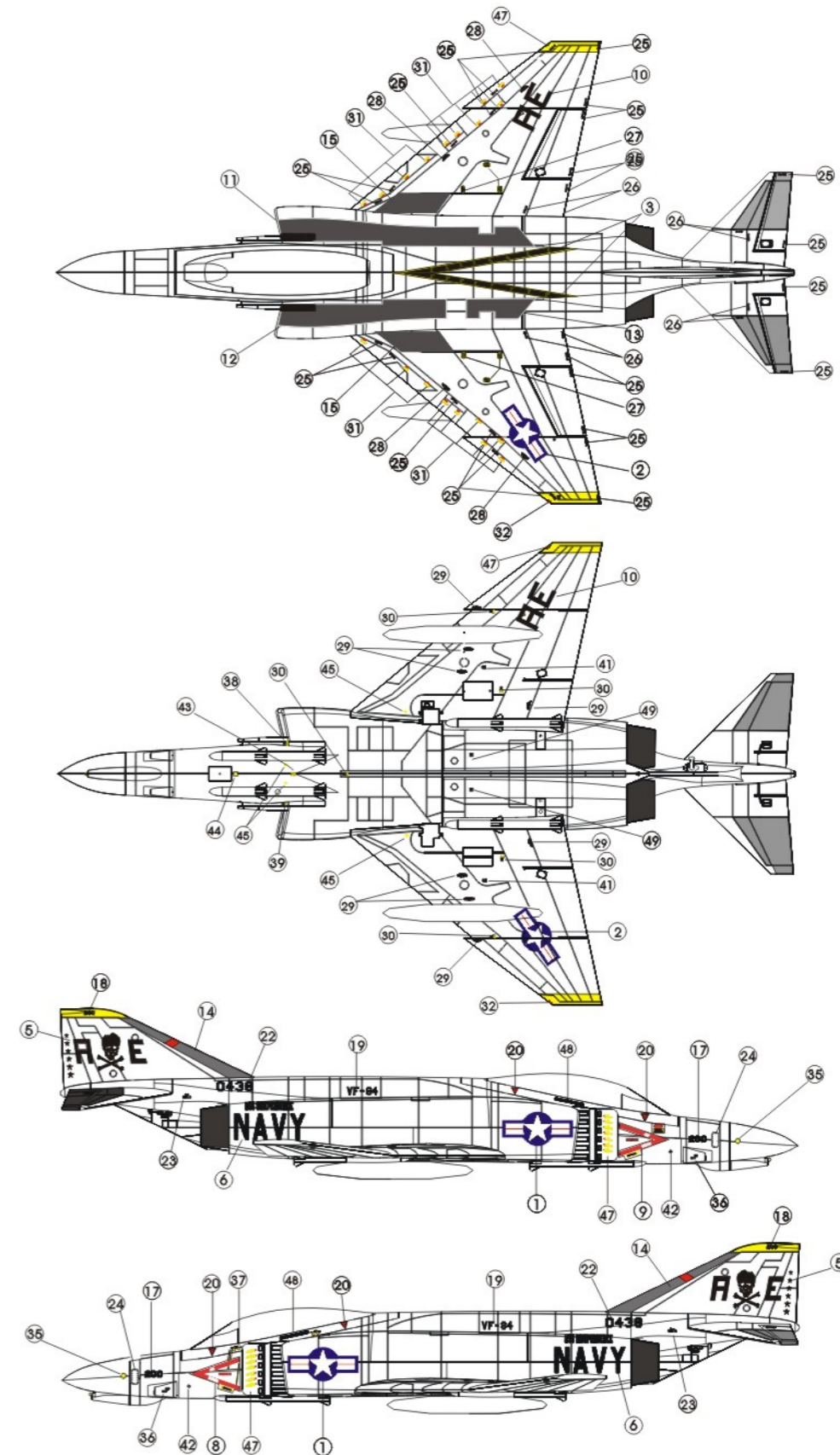
1. This RC aircraft is not a toy, it is for the experienced pilot. Every pilot is responsible for ensuring not to cause damage to other people's personal right and property.
2. Please follow the instruction in the user manual to adjust, install and operate the plane, and make sure not to get hands or heads or body close to the rotating parts. Otherwise it will cause serious damage to the aircraft or harm people.
3. Our company and dealers are not responsible for any economic or law liability for any improper usage or operation of this model plane.

Battery and balancer charge use and Notes

Charging:

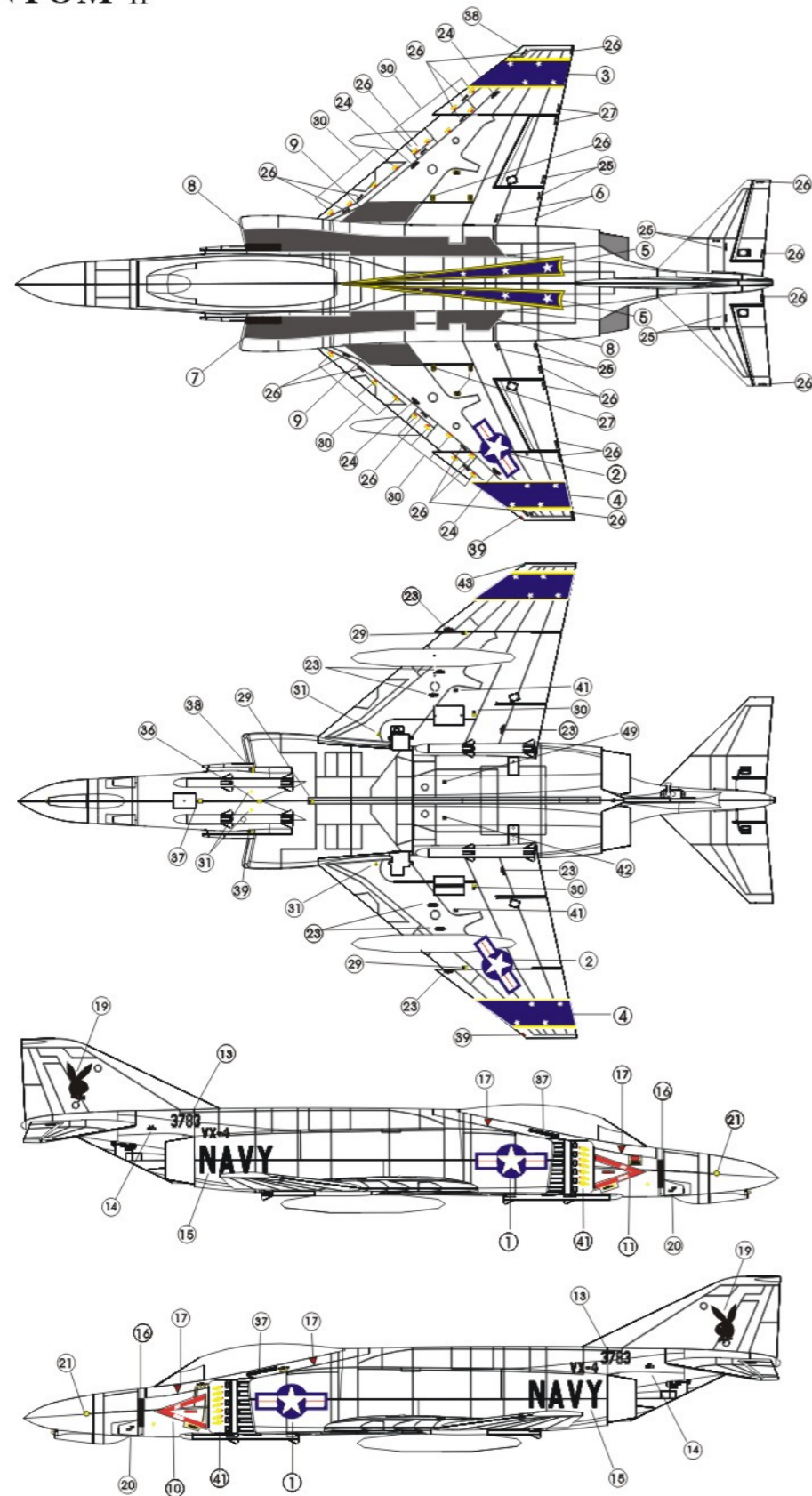


F-4J PHANTOM II



Pictures of pasting the stickers.

F-4E PHANTOM II



Balancer:

Specification parameter:

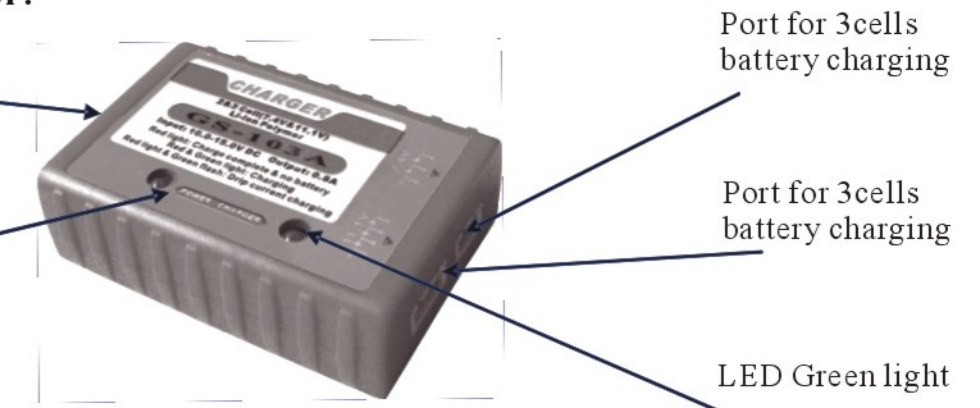
Port for DC adaptor

LED Red light

Input voltage: DC 10V~15V

Output voltage: DC 7.4V & 11.1V (for two cells or three cells li-poly battery)

Charge current: 0.8A



Port for 3cells battery charging

Port for 3cells battery charging

LED Green light

Indicator status:

Red light: Charge complete & no battery

Red & Green light: Charging

Red light& Green flash: Drip current charging

Usage guide:

1. Connect the Plug with the balance charger as the picture shown.
2. Insert the plug into the automotive socket. If use the AC to charge battery, it needs to connect with the adaptor: Connect the adaptor with AC, then connect the adaptor's DC plug with Charger's socket.
3. Insert the battery to the socket as the identifier on the balancer. Then the indicator is both Red and Green light, it mean that it is in charging condition.
4. When the battery is full, the indicator is red. At this time the current is drip, and the battery can be used at any time. (Recommendation: Let the drip current keep on charging for about 20 minutes, then the battery can be fully charged.)

Notice:

1. Do not insert anything conductive into the cooling hole when power is on, or damage will be caused to the charger.
2. while charging, please do not place it near flammable materials.
3. It is not allowed to charge 2cells and 3cells Li-poly battery at the same time
4. expect Li battery; this charger is not allowed for other kinds of battery.
5. While charging, please keep it out of the reach of Children.
6. When this charger is in use, please do not go away and leave it unattended. if any abnormal condition occurs (such as the power indicator is off, the temperature of the battery rise rapidly, etc.) stop charging immediately.
7. Please do not use power with output voltage higher than 15V.
8. Please do not disassemble the charger or its accessories.
9. When the battery is not cool down, please do not urge to charge it.

Safety instruction of li-poly battery:

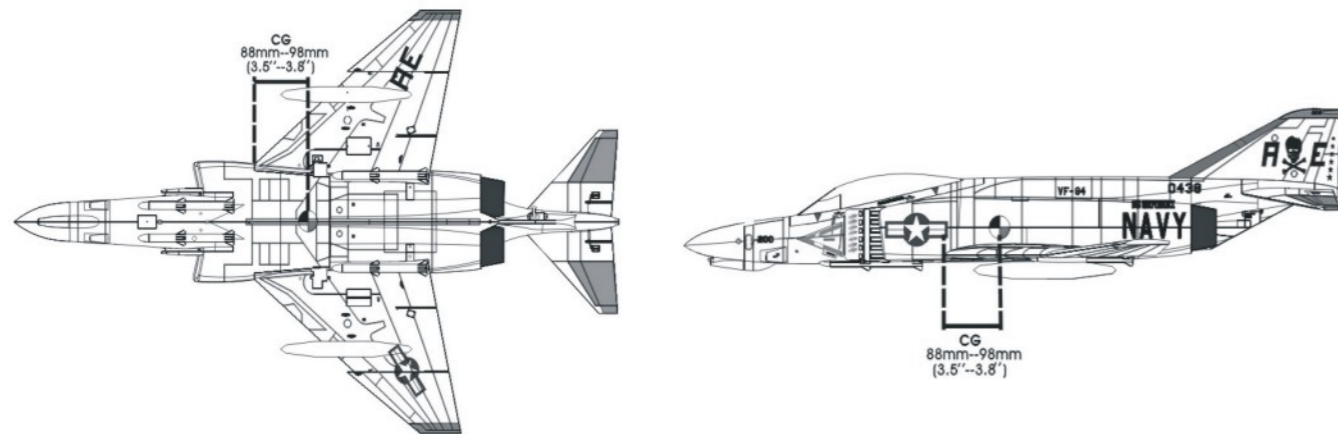
Notes:

- ◆ Please do not charge battery near by fire or in high-temperature condition.
- ◆ When charging the battery, in order to prevent the charging failure, please do not leave.
- ◆ When charging the battery, children must be kept off.
- ◆ When charging the battery, there must someone keep an eye on it.
- ◆ Dismantle or modify the charger is strictly forbidden.
- ◆ During the period of charging, the battery will become warm in normal circumstance. Do not make the battery overheating, otherwise it may cause permanent damage.
- ◆ Please do not charge the heated battery. Recharging after the battery becomes cool.
- ◆ Please do not use the nonspecific charger to charge battery, otherwise it may damage to the charger.
- ◆ Improperly using the li-poly battery and chargers will cause explosion or fire accidents. Please must obey the requirement in the user manual.
- ◆ Please charge the battery with the adult' s guide.
- ◆ Please do not charge battery near by combustible substance or material

Warning!

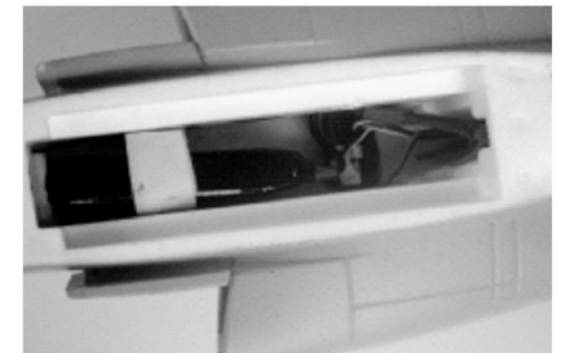
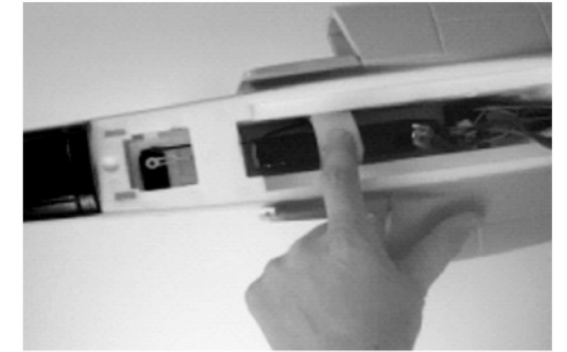
1. Forbidden to put battery into water. For preservation, should be placed in dry environment.
2. Forbidden to throw battery into fire or heating apparatus
3. Forbidden to use or store battery in high temperature (under the sun or in hot cars). Otherwise may cause the battery overheating, then cause fire and shorten battery' s efficacy.
4. Forbidden to use battery in strong electrostatic field or strong magnetic field. Otherwise may destroy battery' s safe protection device or cause the hidden danger.
5. If the batteries leak and the electrolyte gets into eyes by mistake, please do not rub eyes. Rinse the eyes with water immediately and send to hospital for treatment at the same time. Otherwise it may cause serious damage to the eyes.
6. If the battery sends out strange smell, becomes warm, turns discoloration and disformation, and not in condition when recharging, get the battery out of the charging device immediately and stop use the battery.
7. The abandoned battery should be wrapped with insulating paper on order to prevent fire burning or explosion.

Plane' s C.G point



13. Power battery installation:

Take off the magic tape, connect the battery' s plug with the ESC' s plug properly, then fix the battery with magic tape.



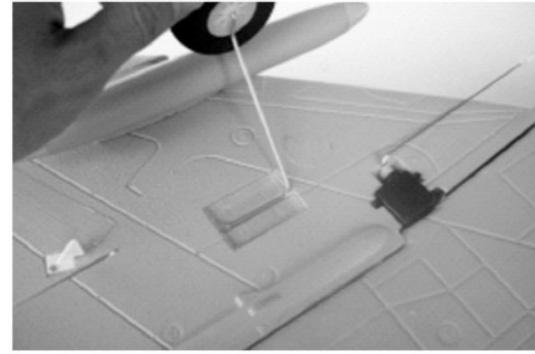
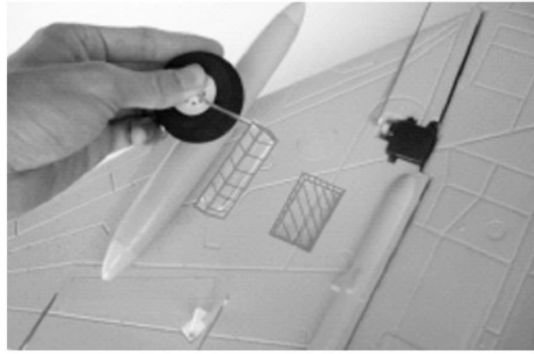
14. Cockpit Installation

Install the cockpit into he fuselage. Open it then you can change the battery easily if you need to.



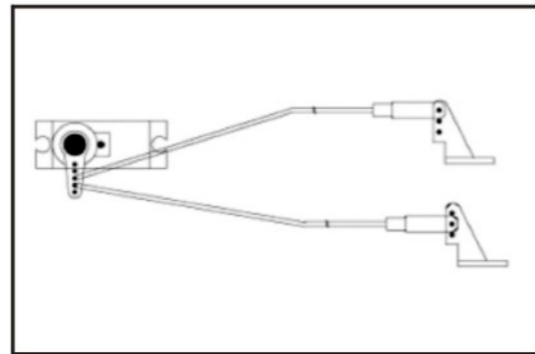
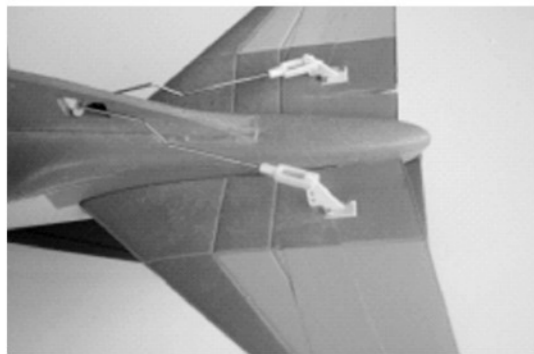
10.Rear landing gears installation:

Fix each(right and left) rear landing gear to the fuselage using epoxy glue as the picture shown. ◦



11.The control rod of the elevator Installation

In order to install the control rod correctly, please have a look at the pictures carefully



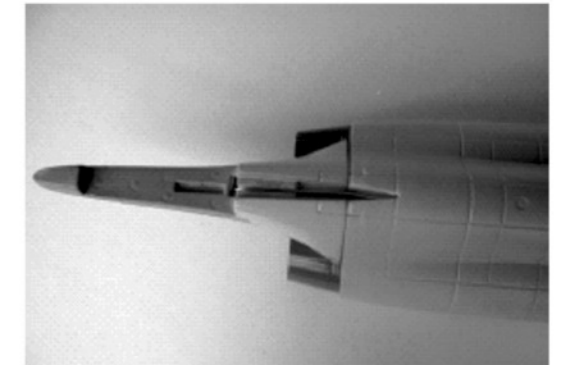
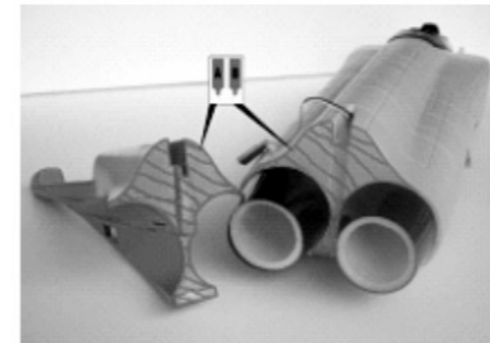
12. Make sure that the transmitter is off. Install batteries into transmitter, please note that the throttle stick is at the lowest level, then turn on the transmitter.



Installation

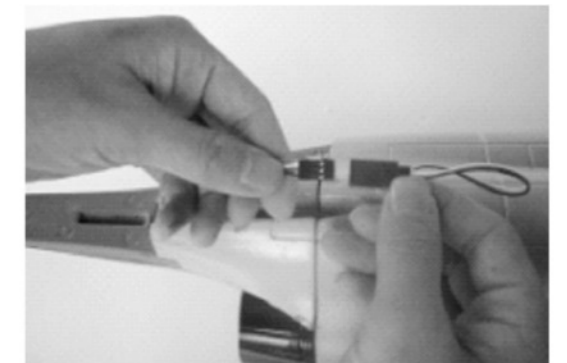
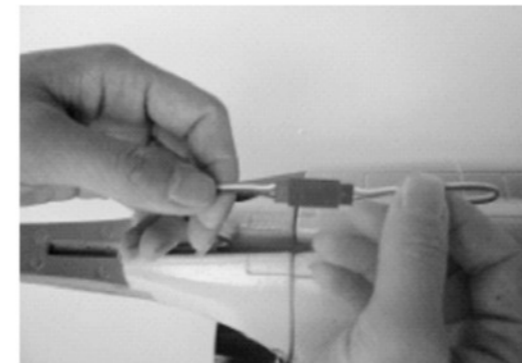
1. Tail fuselage Installation

Wipe the epoxy to the tail and the indicated place of the fuselage, then fix it with masking tape. After 5 minutes, Remove the tape.



2.Elevator' s servo extended wire connecting installation

Connect the plugs of elevator' s servo extended wire with the extended wire in the fuselage. Please note the polarity when connecting.



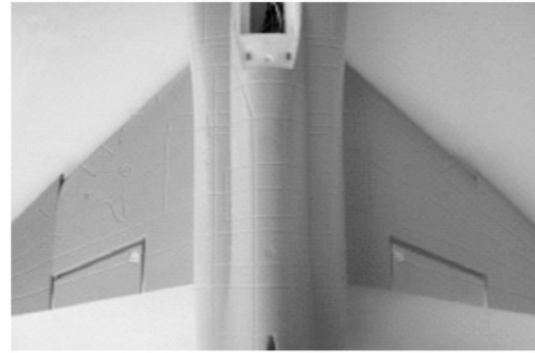
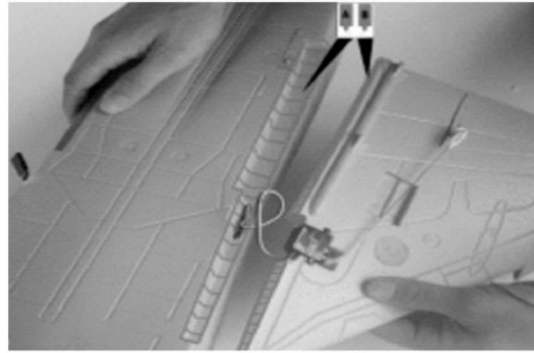
3. Aileron' s servo extended wire connecting installation

Connect the plugs of the aileron' s servo extended wire with the extended wire in the fuselage. Please note the polarity when connecting.



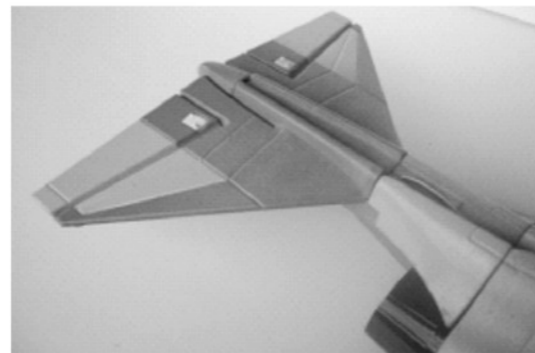
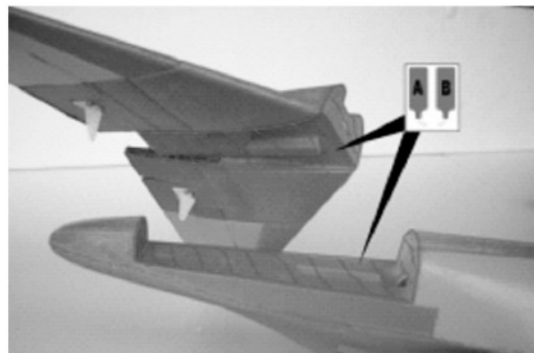
4. Main wing installation

Wipe the epoxy glue to the main wing and the indicated place of fuselage, then fix it with masking tape. After 5 minutes, then remove the tape.



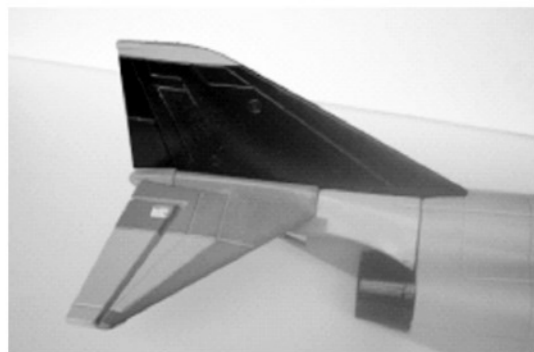
5. Elevator installation:

Wipe the epoxy to the Elevator and the indicated place of fuselage, then fix it with masking tape. After 5 minutes, then remove the tape.



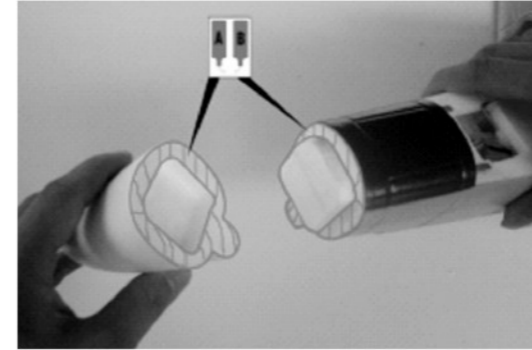
6. Rudder installation:

Insert the Rudder into the indicated place in the tail. No need to apply glue.



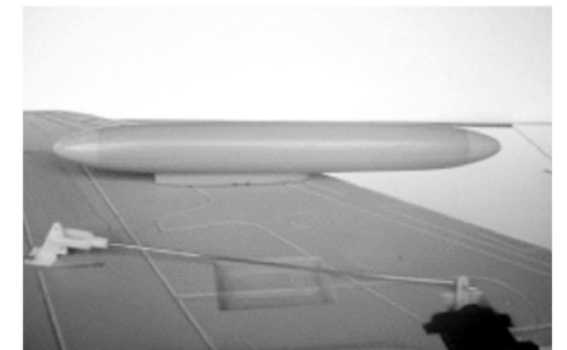
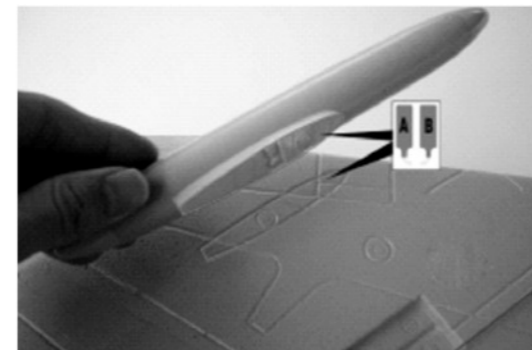
7. Nose cone installation

Wipe the epoxy to the nose cone and the indicated place of the fuselage, then fix it



8. Droppable fuel tank installation

Wipe the epoxy to the Elevator and the indicated place of wings, then fix it with masking tape. After 5 minutes, then remove the tape.



9. Front landing gear installation:

Insert the front landing gear into the fuselage and fix it with screws as the picture show.

