

Age 14+

TOPTM
R/C HOBBY

Jetstar Pro

Radio Control Model Airplane

Operation manual



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Statement:

1. Please read this manual carefully and follow the instruction of the manual before you use this products;
2. Our airplane is not a toy, which is only suitable for the experienced manipulator or under the guidance of the experienced pilot.
3. Not recommended for the children under 14 years old.
4. Please adjust this plane according to the instruction and make sure that the finger and other parts of your body be out of the rotating parts of the plane, or it may cause damage to the plane or injury to your body.
5. Do not fly in the thunderstorm, strong wind or bad weather.
6. Never fly the plane where there are power lines overhead, automobiles, near aerodrome , railway or highway.
7. Never fly our plane where are crowds of people .Give yourself plenty of room flying, as the plane can fly at a high speed. Remember that you are responsible for others safety.
8. Do not attempt to catch the plane when you are flying it.
9. The user should bear full responsibility of proper operation and usage with regards to this model. We, Top RC together with any distributor of us will not be responsible for any liability or loss due to improper operation.

Brief introduction

Thank you for purchasing the remote control model airplanes from Top RC, and we hope this plane will bring endless joy to you after you choose it.

- ★ Scale appearance and vivid flight gesture.
- ★ Front landing gear could be turn around, resulting to easy swerve on the ground. Easy take off!
- ★ Thanks to well-designed high-efficiency ducted fan and high KV brushless motor, it gives strong power.
- ★ Power is very satisfied to finish all aerobatic flight.
- ★ With perfect capacity of low speed flight in low altitude, it can land airily.

Main specifications

★Wingspan	800 mm
★Length	915 mm
★Weight	887 g
★Thrust rate	1:1.2
★Flying time	≥5min

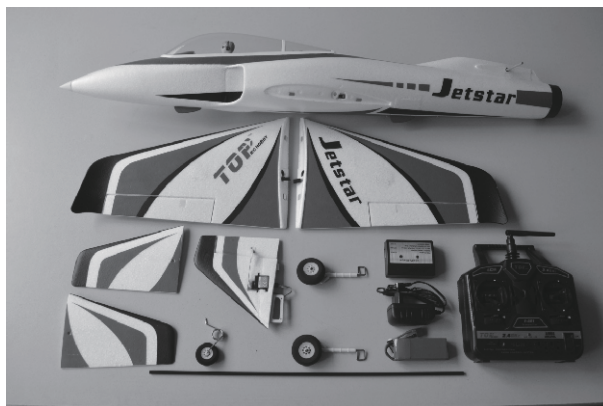
Main configuration

★Radio system	4ch
★Motor	2839-3300KV
★Battery	2200mAh 14.8V 20C
★ESC	60A brushless
★Servo	Servo*4 (Plastic gear),Servo*1 Metal gear (Elevator)

Product constitution

RTF version

Fuselage, Main Wings, Horizontal Wing, Vertical Wing, Battery, Charger, Radio, Accessory Bag.



ARF version

Kits without radio

PNP version

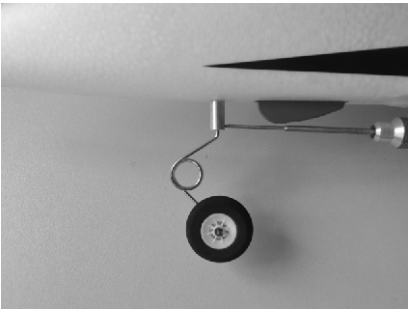
Kits without radio, charger and battery

KIT version

Without any electronic parts

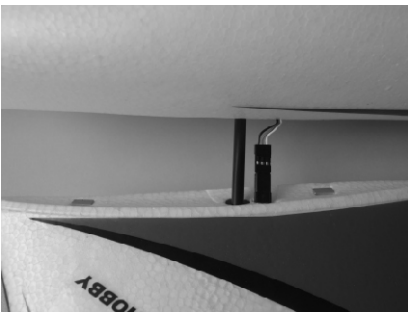
1. Assembly of the front landing gear.

Take of the front landing gear and loose HLM3*3MM screws on the steering connector. Please be sure that the gap location of steel wire is aligned with the screws. Then lock the front landing gear to the connecting sleeve.



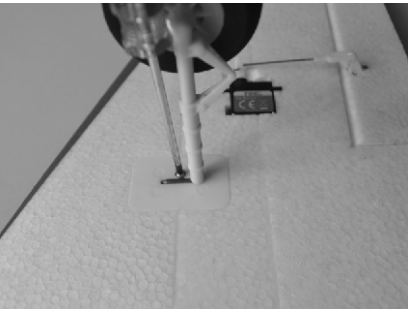
2. Assembly of the main wings.

Take of the main wings & connecting carbon rod. Insert the connecting carbon rod to the hole of fuselage and main wings, and then connect aileron servo wires. Please be sure that the main wings are locked at the appropriate assemble groove at the fuselage.



3. Assembly of the main landing gear.

Take of the main landing gear and PWA2*8 MM screws . Please install the main landing gear to the appropriate assemble groove at the main wings by screws PA2.0*8MM.



4. Assembly of the vertical wings.

Take of the vertical wings and PA2.0*10MM screw. Please connect the rudder servo wires, and insert vertical wings to the assembling groove at the fuselage, then lock it by screws PA2.0*10MM.



5. Assembly of the horizontal wings.

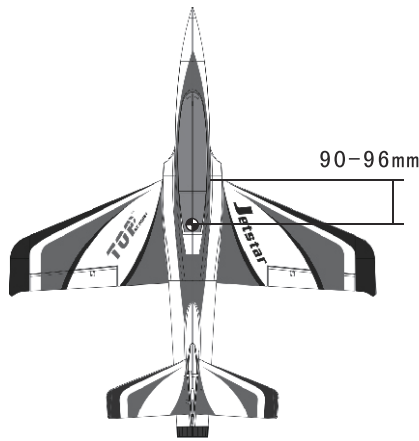
Take of the main wings and PM2*10MM screw. Please install the connecting shaft to the right place. Be sure that the hole in main wings is aligned with the hole in the connecting shaft. Then lock the horizontal wings by screw PA2*10MM.



6. Finished the assembly of "Jet Star".

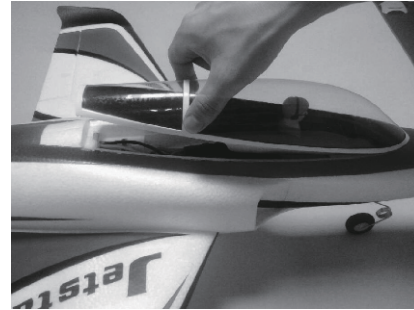


7. Check the center of gravity and make sure that the CG of the plane should be within the range as indicated by the arrows.



Caution !

Direction for opening cabin (See chart).



Safety precautions

1. If you have the simulator, we suggest that you can practise your skill by the simulator before you fly this model, which will bring some help for you.
2. Please climb the plane above the 50 meters with half throttle to fly it when you fly it for your first time, then you will be familiar with the performance of this plane.
3. You should learn how to control this model blandly, it will reduce the possibility of crash and prolong the usage life of the plane.
4. The turn radius should not be too little, or it will stall and it will increase the possibility of crash.
5. When taking off or landing the plane, you should against the wind.
6. Do not fly the model over your head or behind you, you should fly the model in front of you.

Charging method and cautions

Li-Po battery(balance changer) specifications

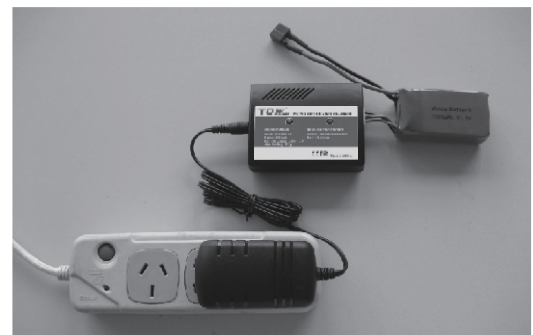
Specifications:
 Input voltage: DC 10V~15V
 Output voltage: 2S-4S Li-Po battery
 Charging current: 1.0A

Indicator state:
 Green: Charge complete & no battery
 Red: Charging
 The batteries are inspected separately. When the voltage reaches 4.20V, the charging process stops.



Operating

1. Then plug cigarette into its socket in car (Adapter should be connected if charge at home: connect the adapter to home power socket, then plug the adapter' DC end to charger). The LED will turn green indicating it is ready for charging.
2. Connect the battery to charger per its interface mark. The LED becomes red, which means charging is on the way.
3. When LED flashing, the charger will enter the stage of drip current charging. The LED turns green when fully charged, and the battery will be used at any time.



Notice

1. While charging is in process, please do not make it near flammable materials.
2. Expect Li poly battery, this charger is not allowed for other kinds of battery.
3. While charging, please keep it out of the reach of Children.
4. When this charger is in use, please do not go away and leave it unwatched, if any abnormality occurs (such as the power indicator is off, the temperature of the battery rise rapidly, etc.) stop charging immediately.
5. Please do not use power with output voltage higher than 15V.
6. Please do not disassemble the charger or its accessories.
7. When the battery is not cool down, please do not urge to charge it.

Notice

1. Be fully charged under no more than 1 A voltage by using the specified charger.
2. Be discharged under 10C voltage but avoiding discharge time too long to harm the battery.
3. Repeat the first and second step one or two times.
4. When the Li-poly battery was stored more than 3 months, it needs to be recharged to maintain its voltage, and ensure its life time.

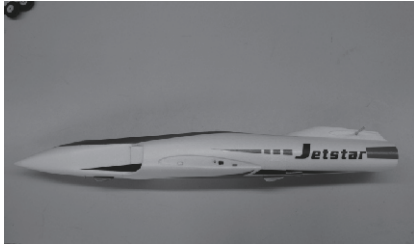
Safety Instruction of Li-Po/Ni-MH battery

1. Do not disassemble or reconstruct the battery.
2. Do not short-circuit the battery.
3. Do not use or leave the battery nearby the fire, stove or heated place (more than 80°C).
4. Do not immerse the battery in water or sea water, do not get it wet.
5. Do not charge the battery under the blazing sunlight.
6. Do not drive a nail into the battery, strike it by hammer or tread it.
7. Do not impact or toss the battery.
8. Do not use the battery with conspicuous damage or deformation.
9. Do not charge a warm battery. Allow it to cool completely before attempting to charge.
10. Do not reverse charge or over discharge the battery.
11. Do not connect the battery to the ordinary charger socket or car cigarette jack.
12. Do not use the battery for unspecified equipment.
13. Do not touch the leaking battery directly, please wash your skin or clothes with water if they are bedewed by liquid leaking from the battery.
14. Do not mix the Li-Poly battery with other un-chargeable battery in using.
15. Do not continue charging the battery over the prescribed time.
16. Do not put the battery into the microwave oven or high-pressure container.
17. Do not use the abnormal battery.
18. Do not use or keep the battery under the sunlight.
19. Do not use the battery nearby the place where generates static electricity (over 64V).
20. Do not charge the battery when the environmental temperature is under 0°C or over 45°C.
21. If you find the battery leaking, smelling or abnormal, stop using it and return it to the seller.
22. When the battery is charging, please do not make it near the flammable materials!
23. Keep the battery away from the children.
24. Use the specified charger and observe charging requirement (under 1A).
25. When using by minors, parents should show them to the correct instruction.

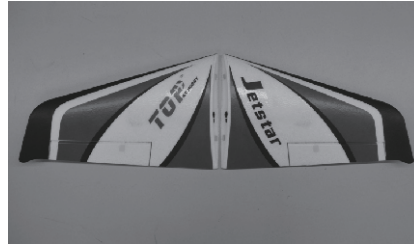
Notification for ESC

1. The function of this ESC was in the best condition after factory setting; please do not change it by yourself.
2. Before connecting the battery, please make sure the throttle and trim were in the lowest position. If the throttle and trim were not in the lowest position by mistake after connecting the battery, you can cut off the battery; move the throttle and push to the lowest position, then connect the battery.
3. The ESC of the airplane was in a good cooling position after factory assembly; please do not move its position.
4. The ESC should be connected to the brushless motor correctly, otherwise the motor will be reversed turning, and the model airplane can not fly correctly.

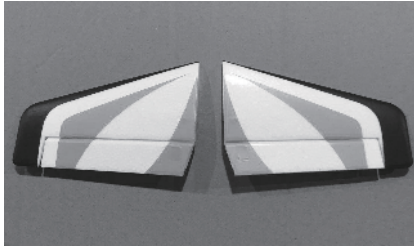
Spare parts



Top08901
Fuselage



Top08902
Main wings



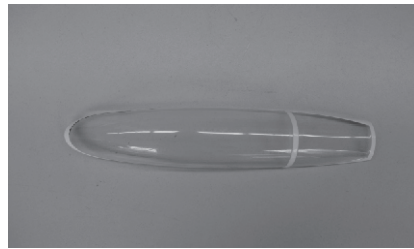
Top08903
Horizontal wings



Top08904
Vertical wings



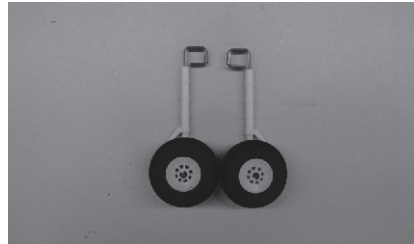
Top08905
Chair



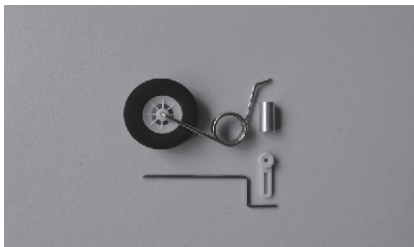
Top08906
Canopy



Top08907
Pilot



Top08908
Main Landing Gear



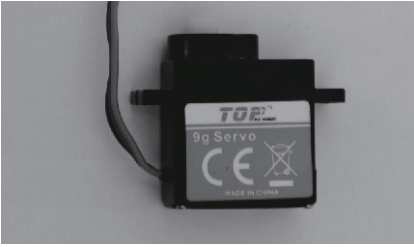
Top08909
Fron Landing Gear



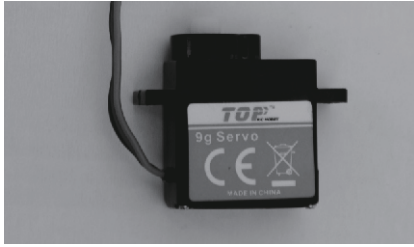
Top08910
Screws Set



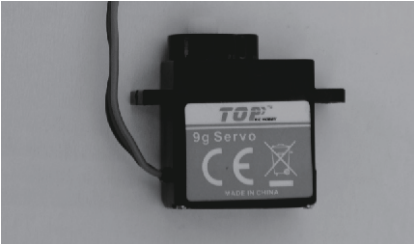
Top08911
12 blades Ducted Fan



Top08912
9g servo(wire:80mm)



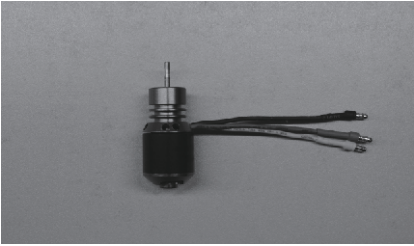
Top08913
9g servo(wire: 80mm)



Top08914
9g MG servo(wire: 150mm)



Top08915
60A Brushless ESC



Top08916
Out runner brushless D2839-3300KV



Top08917
Lipo battery(2200mAh 20C 14.8V)

Jetstar Pro

Radio Control Model Airplane

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R/C HOBBY

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