

AT6-46



Thank you very much for purchasing our product.

0.46 cu. in. displacement 2-cycle
 0.70 cu. in. displacement 4-cycle
 Radio: 5channels 6servos

Specifications

Wing span	60.7 in/1540 mm
Wing area	36.25 sqdm/561 sqin
Flying weight	3100 g
Fuselage length	44.1 in/1120 mm

Warning! This model is not a toy.

It is designed for maximum performance. Please seek advice if one not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.

AT6-46

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BEFORE YOU BEGIN

- ① Read through the manual before you begin , so you will have an overall idea of what to do.
- ② Check al prts. If you find anky defective of missing parts contact your local dealer.
- ③ Symbols used throughout this instruction manual comprise of the following:



Apply epoxy glue.



Apply instant glue
(C. A. glue, super glue.)



Assemble left and right
Sides the same way.



Ensure smooth non-binding
movement while assembling.



Peel off shaded portion
Covering film.



Cut off shaded portion.



Drill holes with the specified
Dameter (here : 3mm)



Must be purchased separately!



Pay close attention here!



Warning!

Do not overlook this symbol!



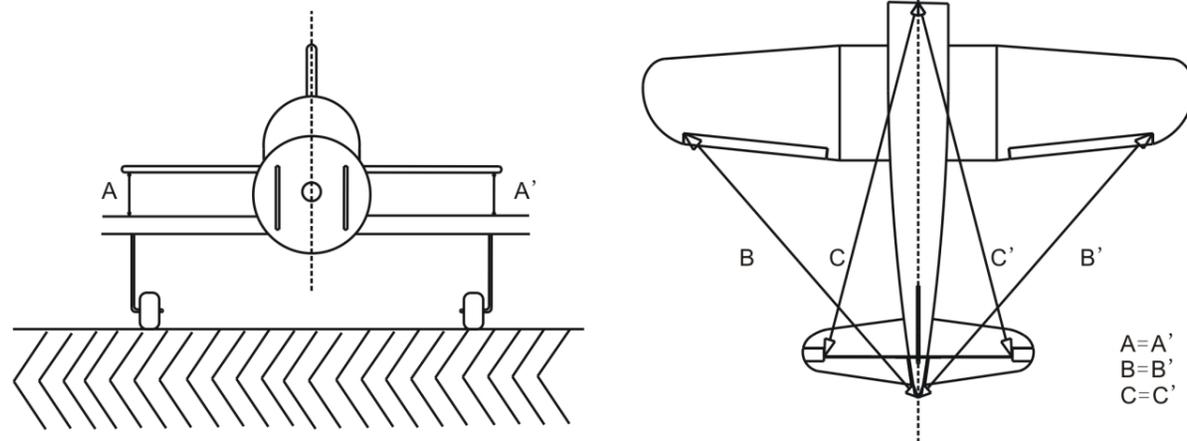
Warning

Important Safety Precautions

- #First time flyer shoud never fly by himself/herself. Assistance from experienced flyer is absolutely necessary.
- #Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly Pre-adjusted aircraft.
- #AT6-46 is designed to be powered by 2C 0. 46cu. in out brush less electric motor. using a more powerful engine does not mean better performance. In fact, over powered engine may cause structural damage and injuries.
- #Make sure the air field is spacious, never fly the plane too close to people and never get too close to a running propeller.
- #If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering.
- #Check and re-tighten up all factory assembled screws, use thread locker if applicable.

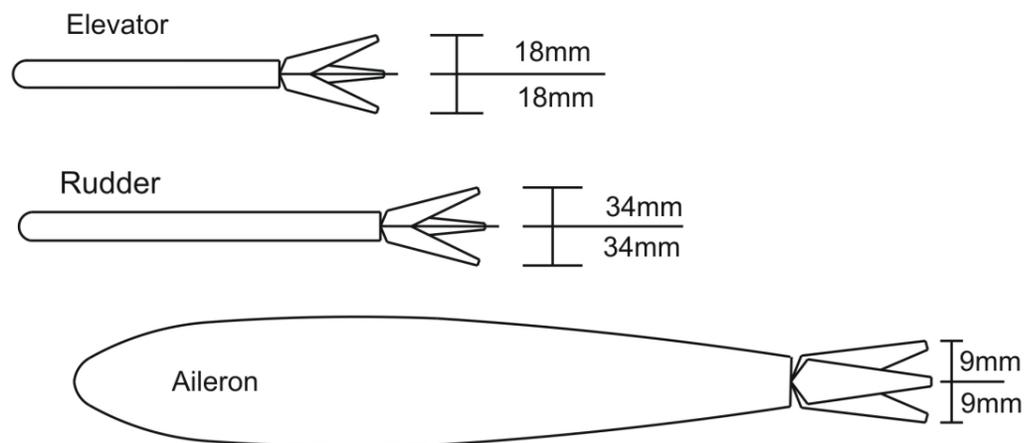
14 C. G Point

Adjust the wing and fuselage configuration as in the diagrams.



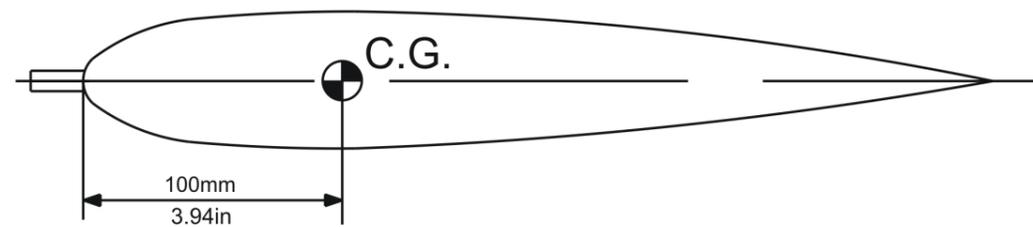
15 Control Throws

Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your Personal Preference.



16 C. G

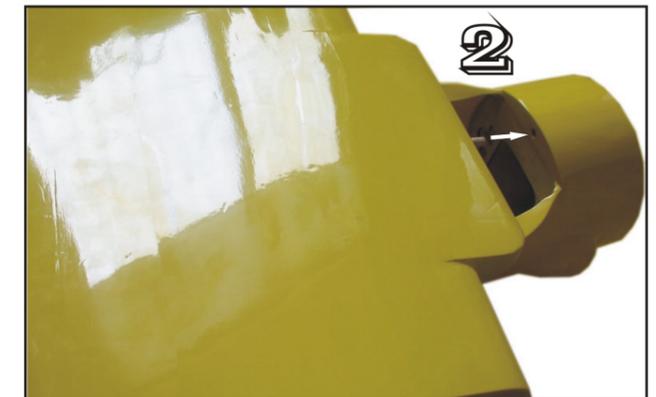
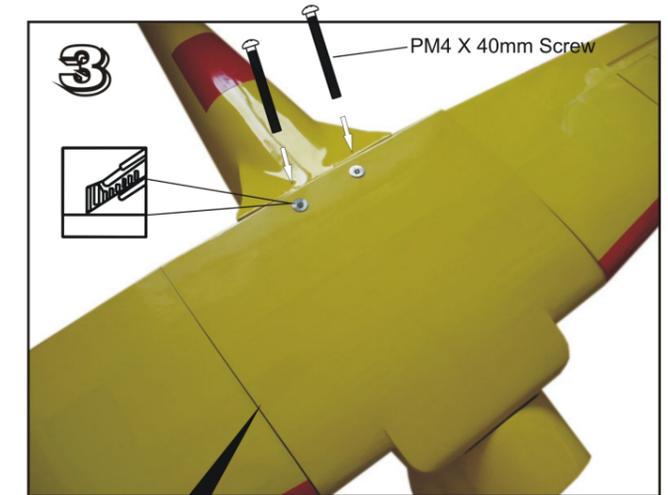
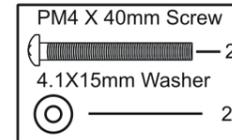
The ideal C.G. position is 100mm (3.94in) behind the leading edge. In order to obtain the C.G. specified ,add weight to the fuselage if required. Check the C.G. before flying.



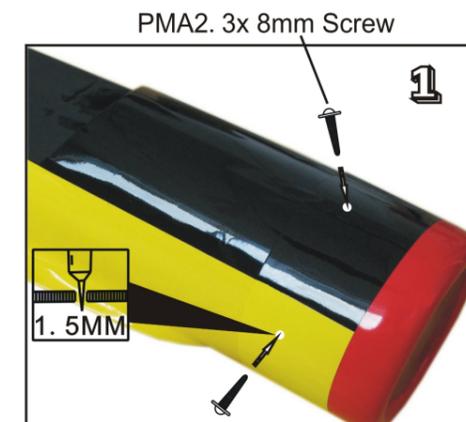
Parts List:

- 1.Fuselage-1pcs
- 2.Plane wing-1set
- 3.Horizontal Stabilizer-1pcs
- 4.Vertical Stabilizer-1pcs
- 5.Cowl-1pcs
- 6.Canopy-1pcs
- 7.Engine seat 050-1set
- 8.Blind Nuts M4-4pcs
- 9.Engine mount bolt M4x20-4pcs
- 10.Flat washer D4.1XD10-4pcs
- 11.Back Landing Gear-1set
- 12.Metal Screw PWA2X12mm-4pcs
- 13.Back Wheel Φ 25 -1pcs
- 14.Wheel Collar Φ 2.5mm-1pcs
- 15.Round Head Screw PM4X40mm-2pcs
- 16.Flat washer D4XD15-2pcs
- 17.Round Head Screw PWA2X8-8pcs
- 18.Round Head Screw PWA2.6X12-4pcs
- 19.Round Head Screw PWA2.3X8-4pcs
- 20.Round Head Screw PWA2.3X8-8pcs
- 21.EZ Connector Φ 2.1-3pcs
- 22.Nylon E/Z Link-4pcs
- 23.Clevis-5pcs
- 24.Clunk Φ 6X5MM-9pcs
- 25.Mount Plate-4pcs
- 26.Pin Horns-4set
- 27.Round Head Screw PM2X22-6set
- 28.Round Head Screw PM2x14-9pcs
- 29.Wood 12X18X20mm-4pcs
- 30.Wood 10X10X141mm-1pcs
- 31.Wood 15X15X25mm-4pcs
- 32.Wing bolt 14.3X20.7X188mm-2pcs
- 33.Ply Wood 2X70X86.5mm-2pcs
- 34.Wire pushrod Φ 1.8X90mm -2pcs
- 35.Wire pushrod Φ 1.8X650mm-1pcs
- 36.Ply Wood 3mm-2pcs
- 37.Fuel Tank 320cc-1set
- 38.Front Wheel Φ 60-2pcs
- 39.Wheel Collar Φ 4.1-2set
- 40.Round Head Screw PA3X14-8pcs
- 41.Front Landing Gear M4 -1set
- 42.Wire pushrod Φ 1.8X650mm-1pcs
- 43.Wire pushrod Φ 1.8X450mm-1pcs
- 44.Wire pushrod Φ 1.8X180mm-2pcs

12 Main Wing (Lower)

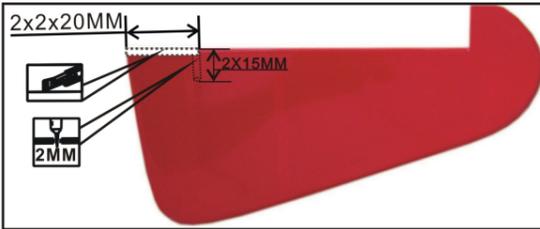


13 Cowling Spinner



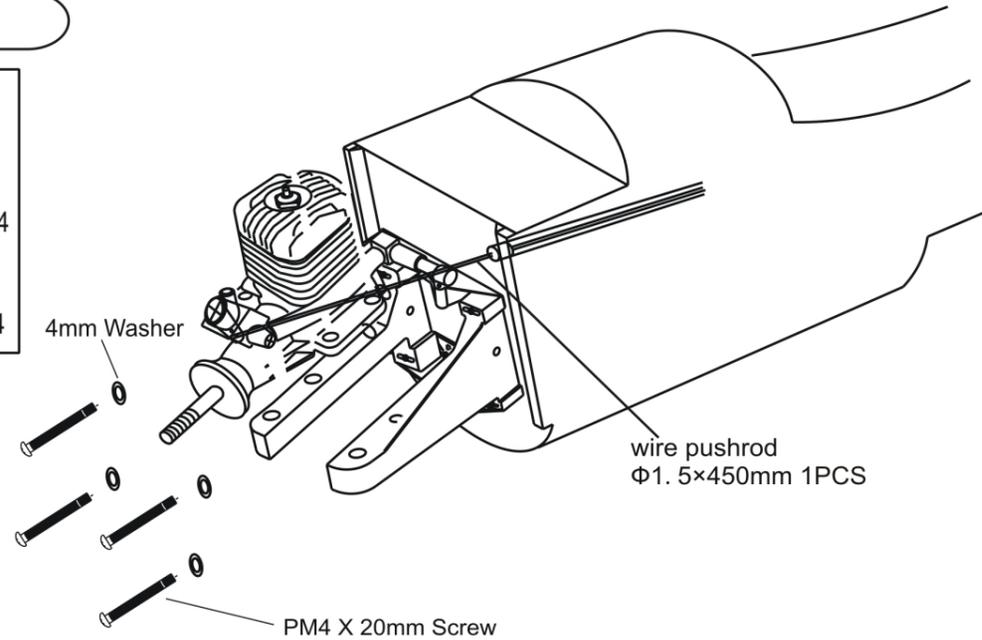
9 Tail Landing Gear

- PWA2X12mm Screw — 4
- 2. 1mm collar — 2



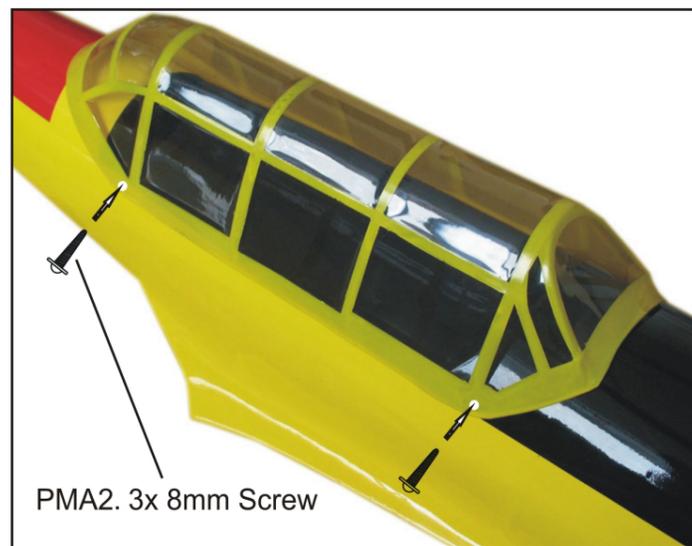
10 Engine

- PM4 X 20mm Screw — 4
- 4mm Nut — 4
- 4mm Washer — 4

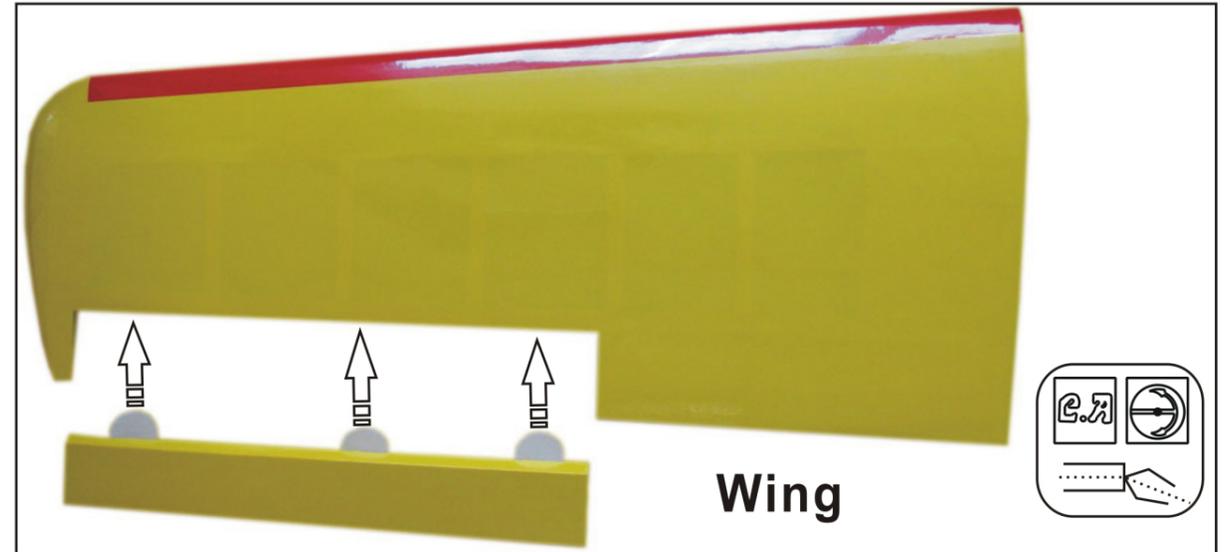


11 Canopy

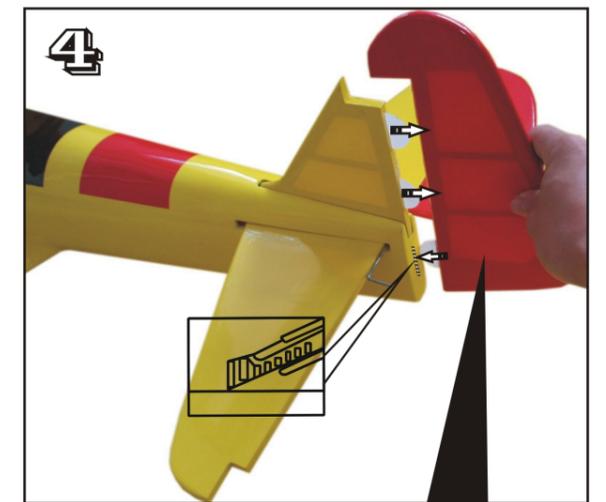
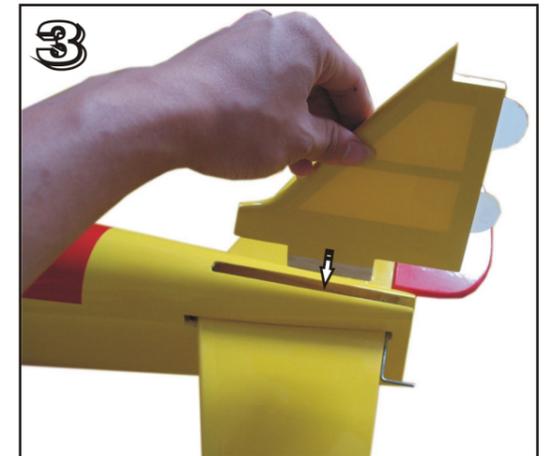
- PWA2. 3X8 Socket — 4



1 Gemel



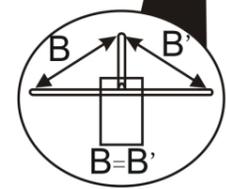
2 Stabilizer/elevator



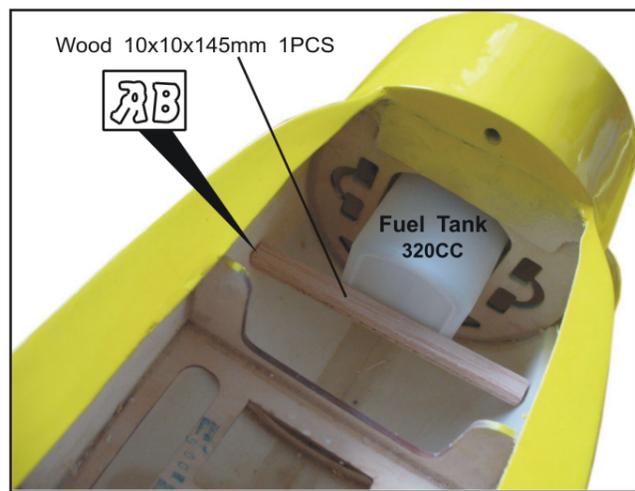
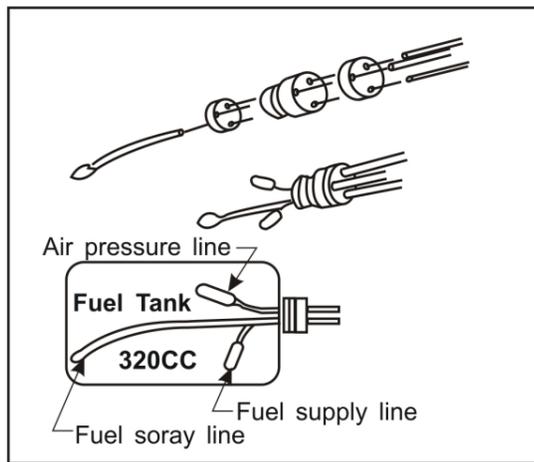
Horizontal Connect



Vertical

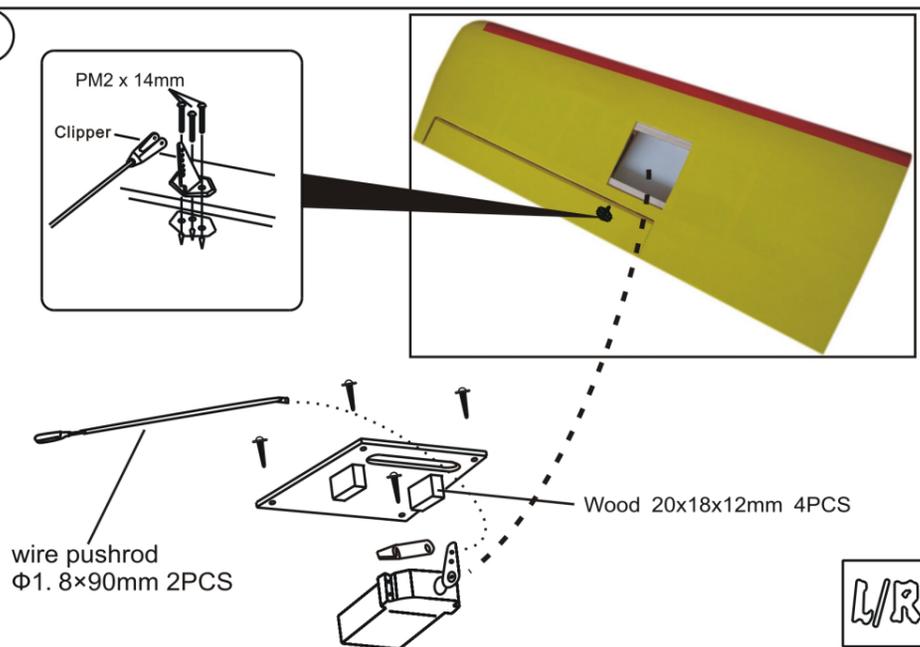


3 Fuel Tank



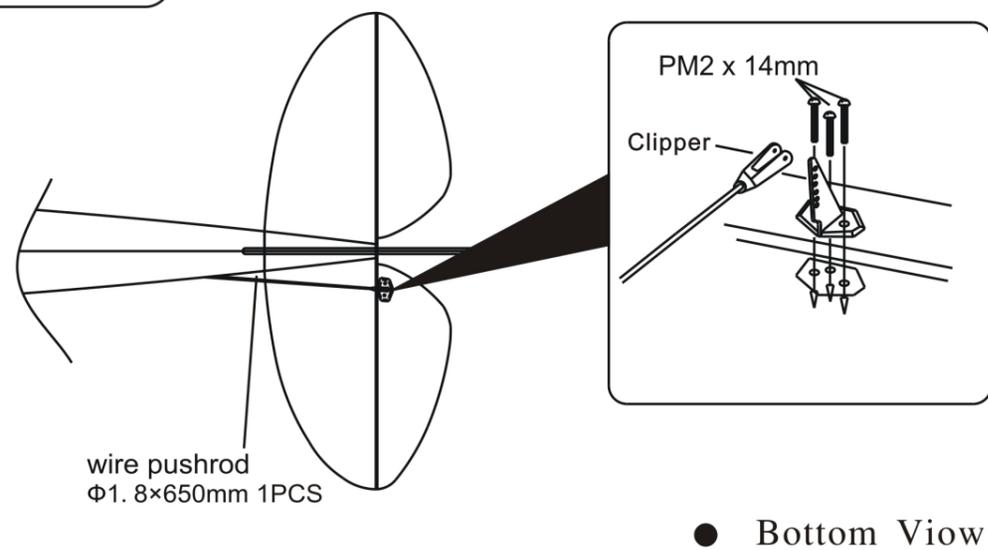
4 Wing/Servo

- PM2X22 Screw — 6
- Clevis — 2
- Control horns — 2
- Nylon E/Z Link — 2
- PWA2x8mm Screw — 8



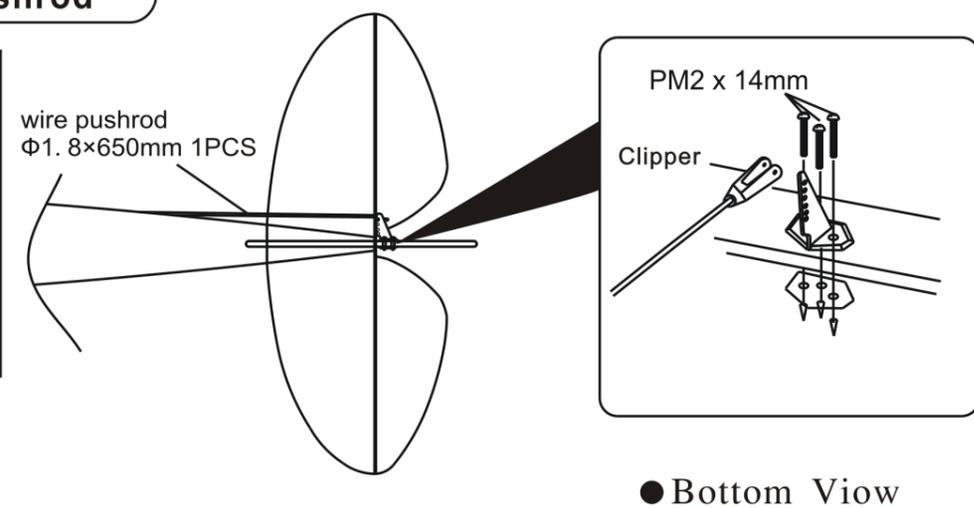
5 Elevator Pushrod

- Pm2x14mm Screw — 3
- Rod adjuster — 1
- Control horns — 1
- Nylon E/Z Link — 1



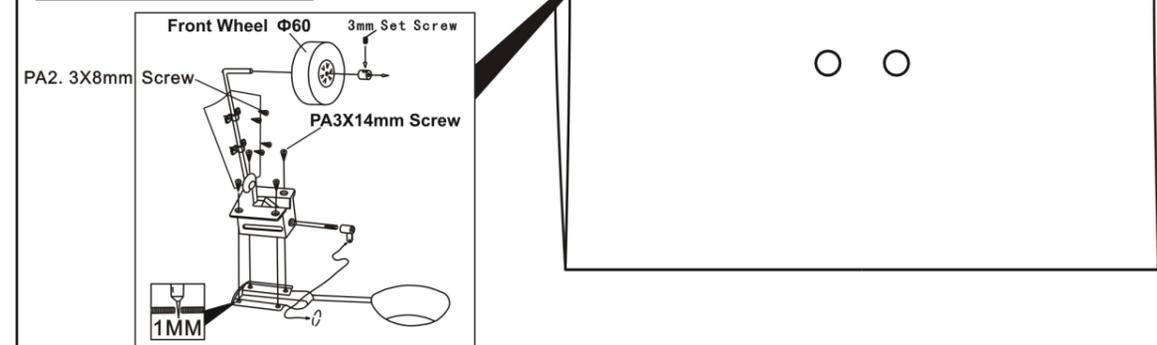
6 Rudder Pushrod

- Pm2x14mm Screw — 3
- Rod adjuster — 1
- Control horns — 1
- Nylon E/Z Link — 1



7 Main Landing Gear

- PA3X14mm Screw — 8
- 4.1mm collar — 2
- Ear Plates — 4
- PA2.3 X 8mm Screw — 8



8 Landing Gear Servo

- 3X3mm Set Screw — 2
- Linkage Stopper — 2
- 2mm Nut — 2
- 2mm Washer — 2
- 2mm Washer — 4

