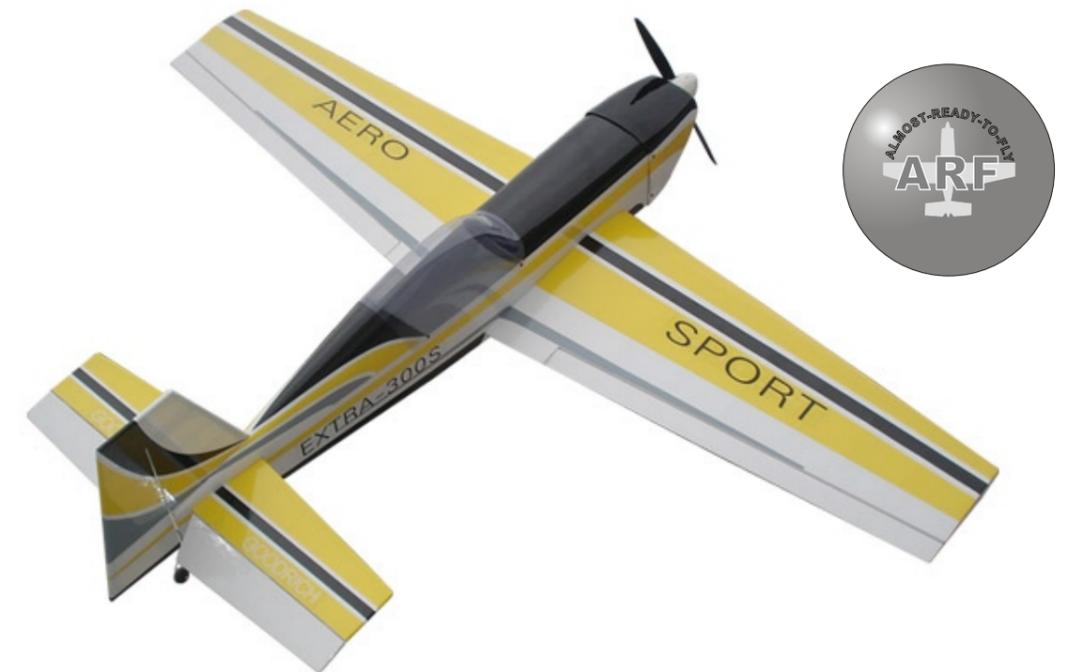


EXTRA-300S-60



Thank you very much for purchasing our product.

Radio Required 4channel 5 servos

Specifications

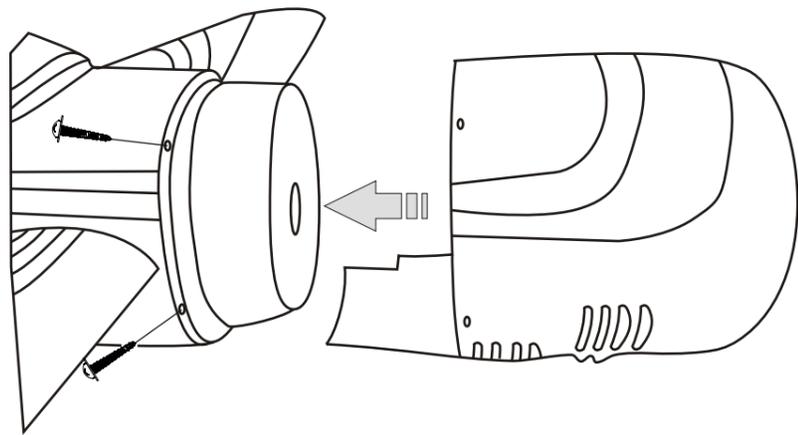
Wing span	64in/1630mm
Wing area	710sqin/46sqdm
Flying weight	6.8lbs/3100g
Fuselage length	55in/1400mm
Engine Required	2c-60 4c-91
Radio Required	4channel 5 servos

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.

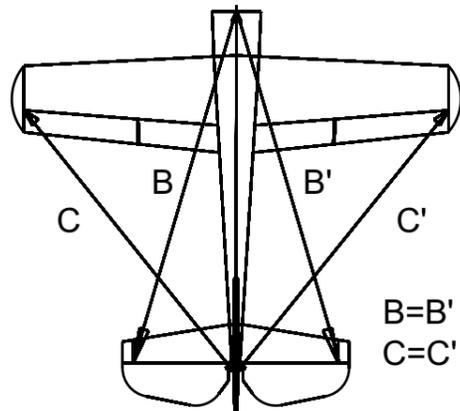
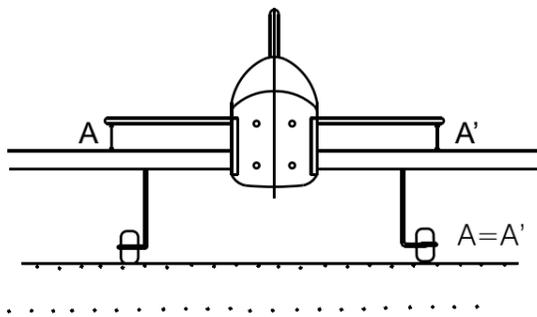
13 Cowing

PWA2.6 X12mm Screw



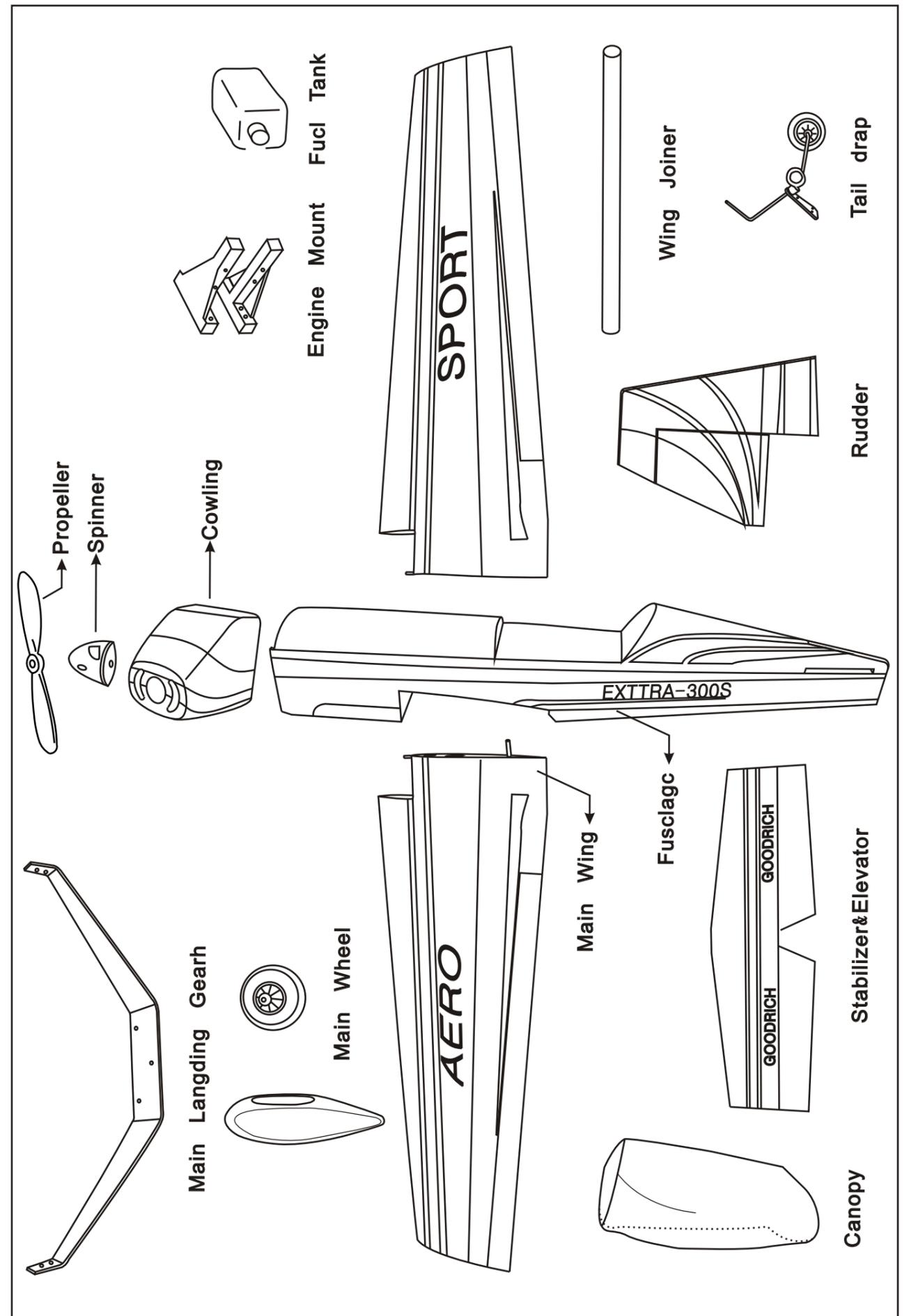
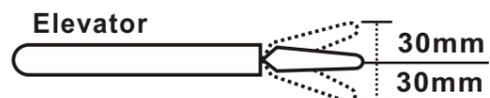
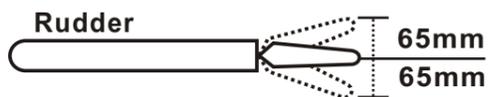
14 Wing setting

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.

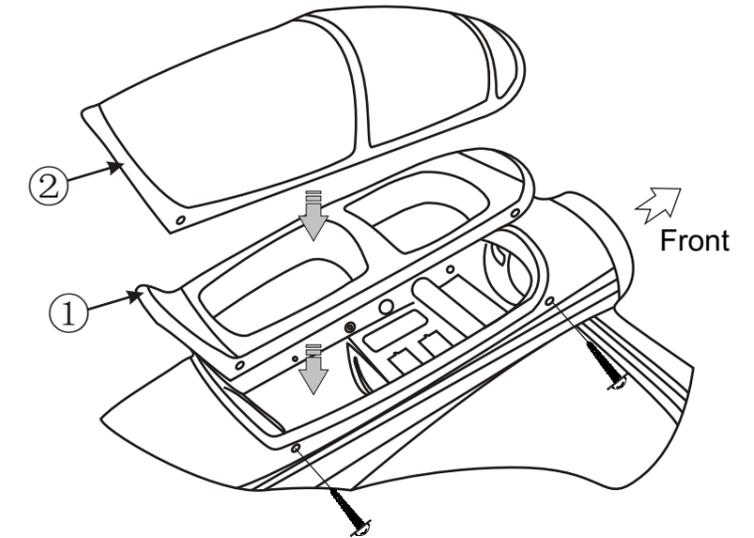
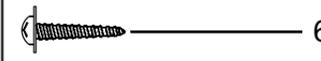


Parts List:

1. Fuselage-1pc
2. Main Wing-1set
3. Stabilizer & Elevator-1set
4. Vertical Fin & Rudder-1set
5. Canopy-2pcs
6. Cowling-1pc
7. Engine Mount 050-1set
8. Spinner $\Phi 72\text{mm}$ -1set
9. Fuel Tank 248cc-1set
10. Sponge 10x80x200mm(For Radio Equipment)-1pc
11. Main Landing Gear-1pc
12. Tail drap-1set
13. Main Wheel $\Phi 60\text{mm}$ -2pcs
Tain Wheel $\Phi 30\text{mm}$ -1pc
14. Pushrod
Metal Rod $\Phi 2 \times 80\text{mm}$ (For Aileron Servo)-2pcs
Metal Rod $\Phi 8 \times 150\text{mm}$ (For Elevator Servo)-1pc
Metal Rod $\Phi 8 \times 150\text{mm}$ (For Rudder Servo)-1pc
Throttle Pushwire $\Phi 2 \times 300\text{mm}$ -1pc
15. Wooden Parts:
Plywood 19x320mm(For Wing Joiner)-1pc
16. Plastic Parts:
Clipper-5pcs
Hinge-15pcs
Straper-5pcs
Horn-5pcs
Fuel tube 6x5mm-6pcs
17. Metal Parts:
Linkage Stopper 2.1mm-5pcs
Collar 2.1mm w/set screw-1pc
Nut 4mm-8pcs
Nut 3mm-4pcs
Screw PWA2.3X8mm-6pcs
Screw PWA2.6X12mm-6pcs
Screw PM2X12mm-6pcs
Screw PM2X25mm-9pcs
Screw PM3X20mm-4pcs
Screw PM4X35mm-4pcs
Screw PM4X25mm-4pcs
Screw PM4X40mm-2pcs
Screw PA3X12mm-2pcs

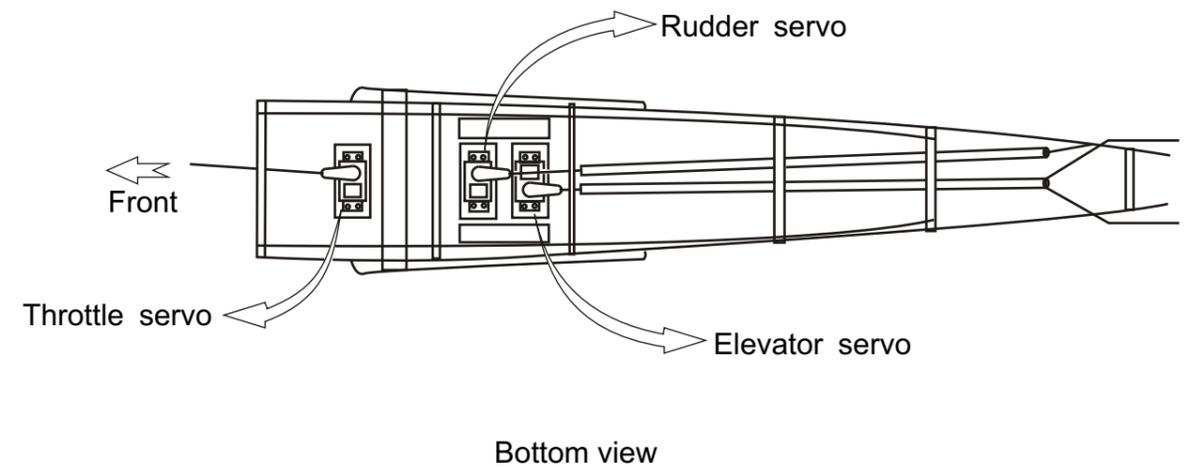
10 Canopy

PWA2.3 X8mm Screw



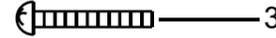
11 Radio Equipment

Install and arrange the servo as shown in the diagram.

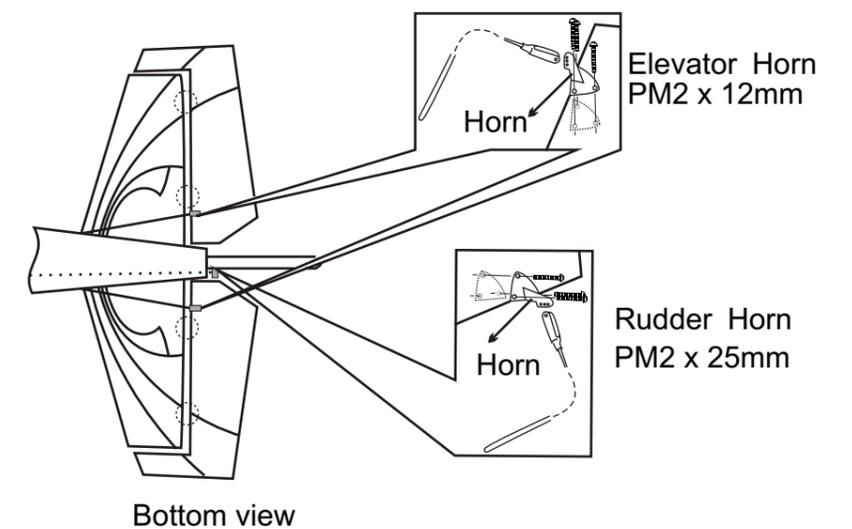
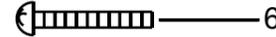


12 Linkage

PM2 x 25mm Screw



PM2 x 12mm Screw



EXTRA-300S-60

INDEX

BEFORE YOU BEGIN P. 1
 PARTS LIST P. 2-P. 3
 ASSEMBLY P. 4-P. 10
 SAFETY PRECAUTIONS P. 10

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
Diameter (here: 3mm)



Must be purchased separately!



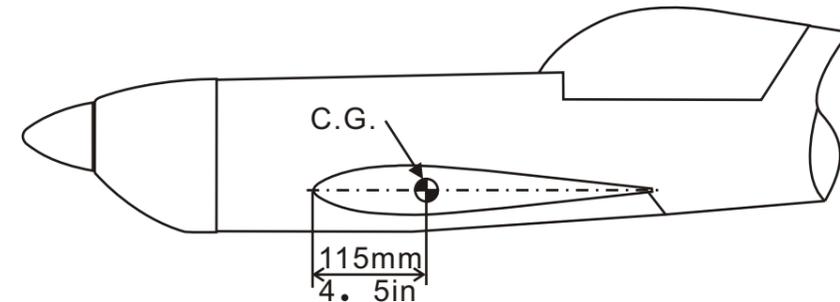
Pay close attention here!



Do not overlook this symbol!

16 C. G Point

The ideal C.G. position is 115mm(4.5in)beind the leading edge.In order to obtain the C.G.specified ,add weight to the fuselage if required. Check the C.G. before flying.



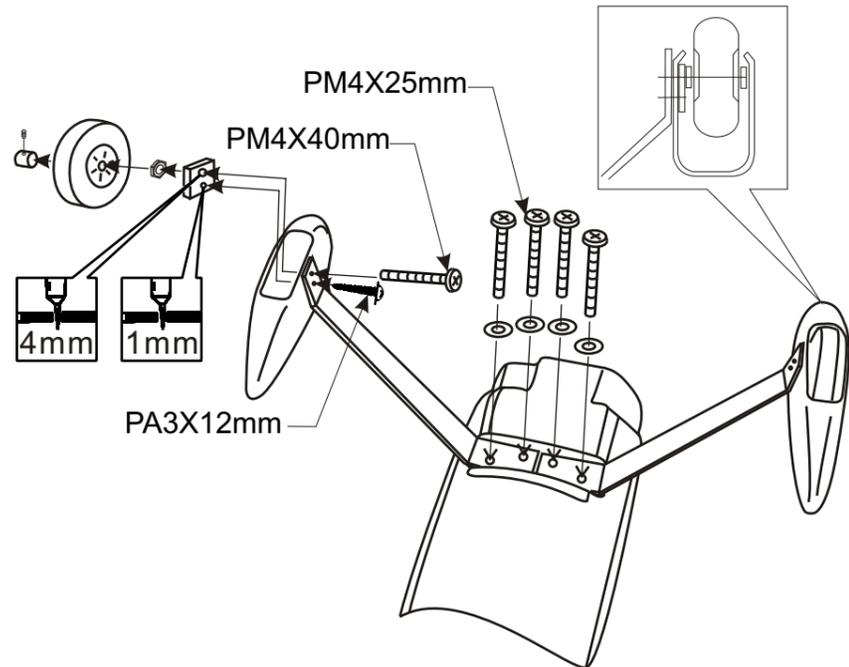
! Warning

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.
- #EATRA-300S-60 is designed to be powered by 2C-60 4C-91 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.

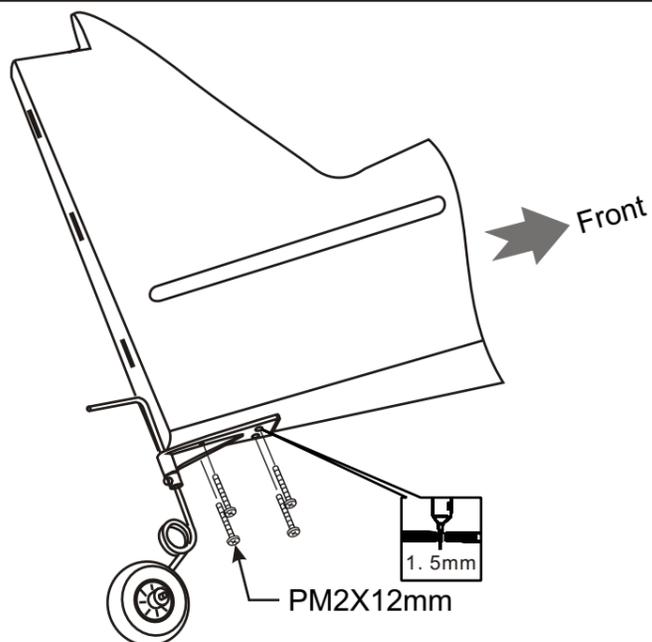
3 Landing Gear

-  2
- PA3X12mm Screw  2
- 3.1mm Washer  4
- PM4X25mm Screw  4
- PM4X40mm Screw  2
- 4mm Washer  4
- M4mm Nut  2
- 4mm Washer  2
- 3X4mm set screw  2
- 4. 2mm collar  2

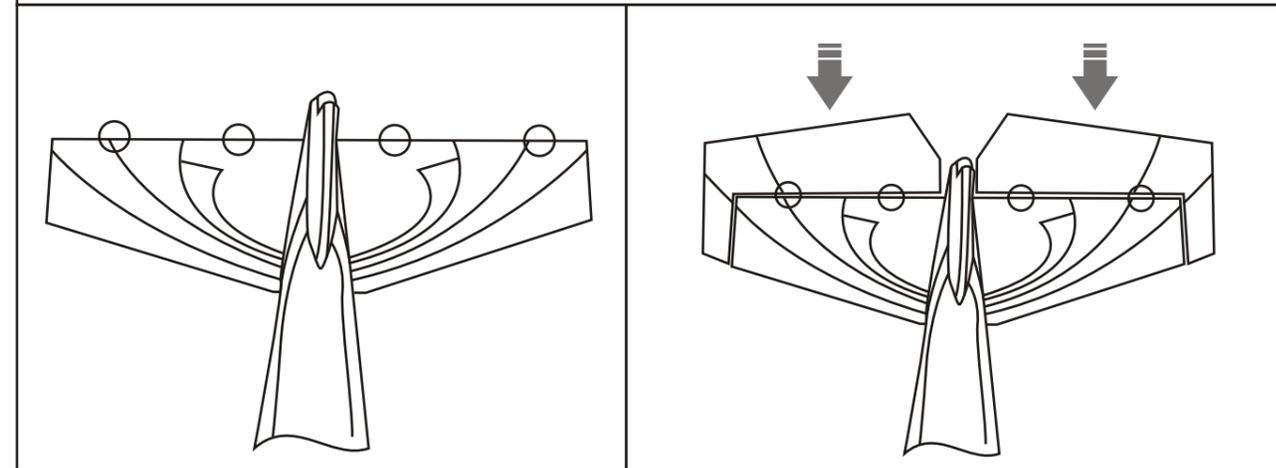
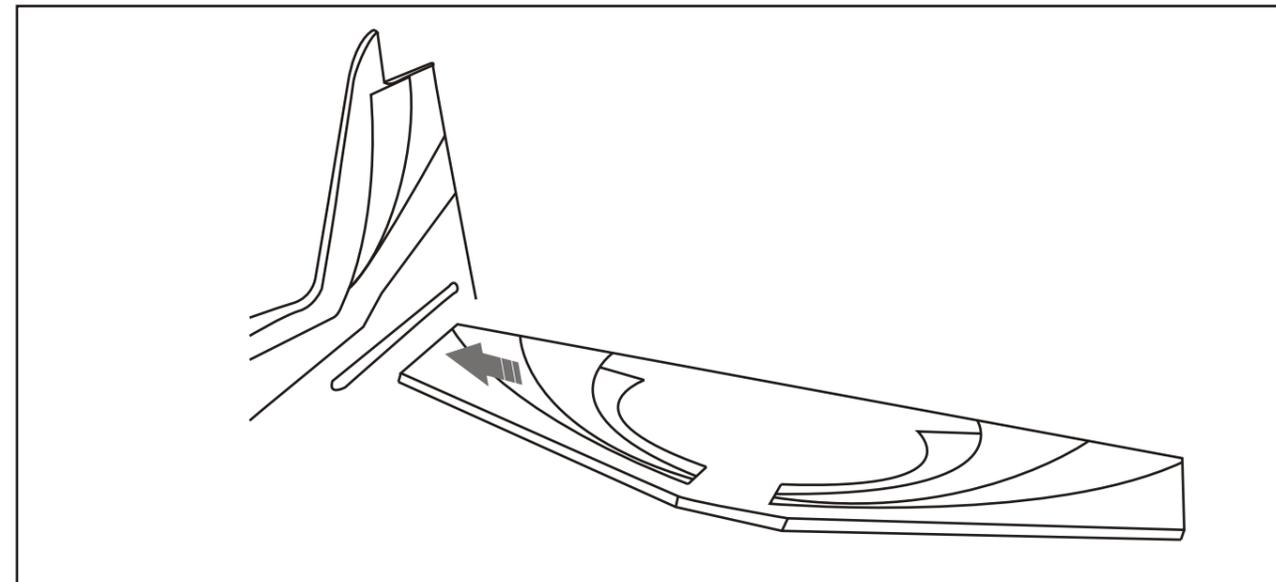
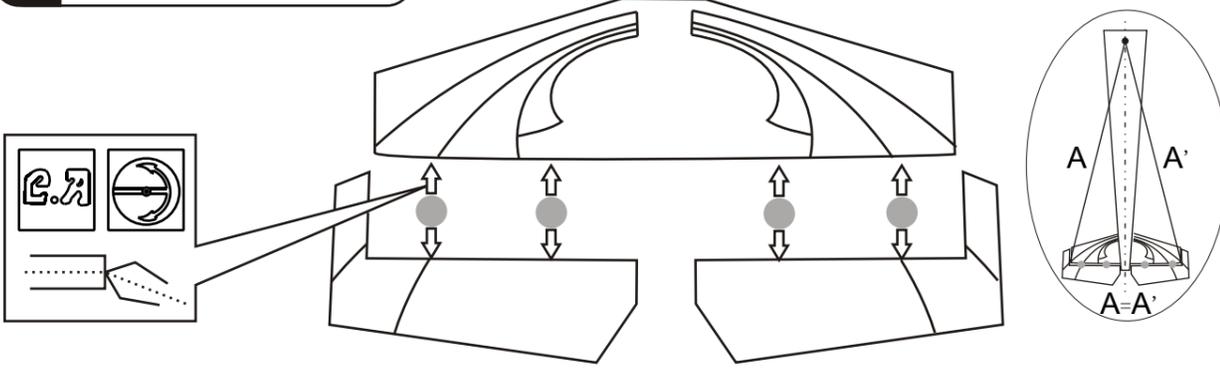


4 Tail drap

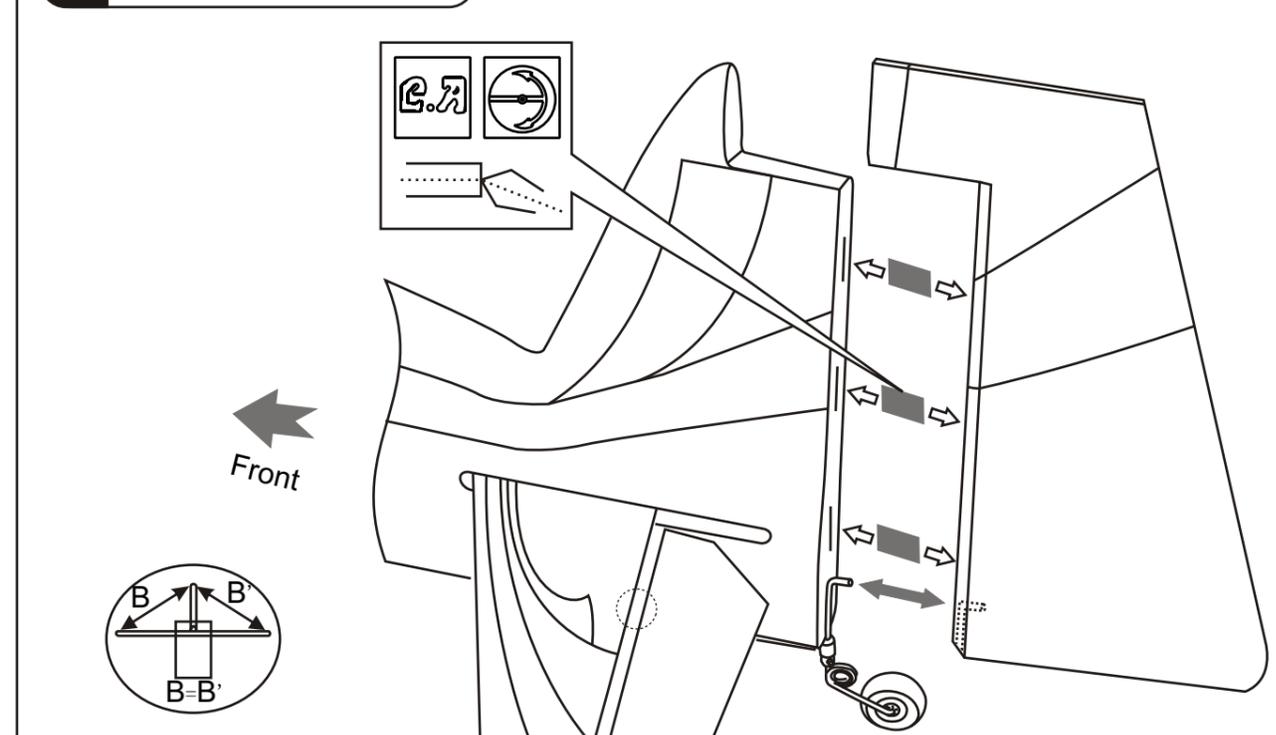
-  4
- PM2X12mm Screw  1
- WheelΦ30mm  2
- 3X4mm set screw  2
- 2. 1mm collar  2



5 Stabilizer/elevator

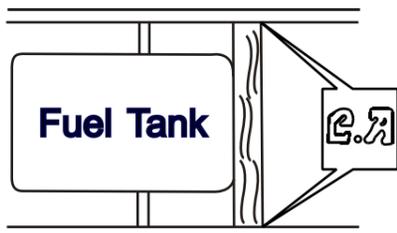


6 Vertical Fin/rudder

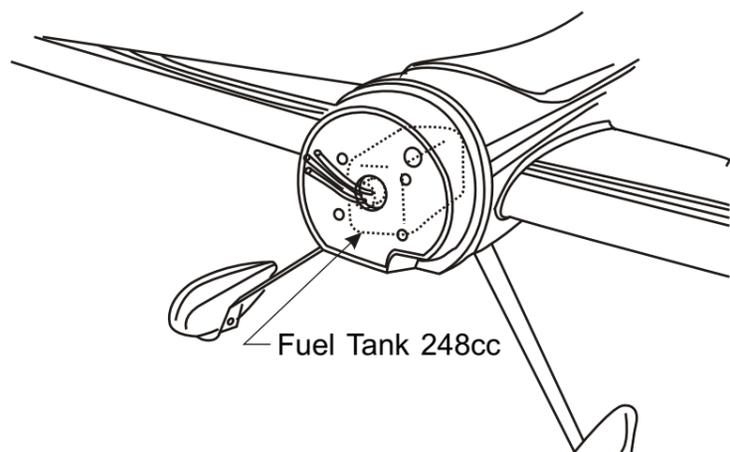


7 Fuel Tank

Install Balsa 8x8x127mm
(For fixing fuel tank)



Bottom View

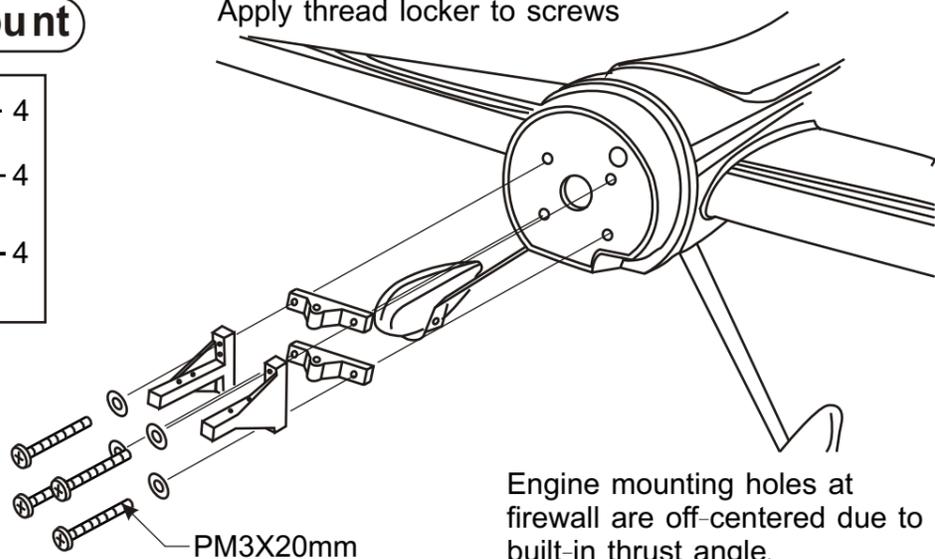


Fuel Tank 248cc

8 Engine mount

- 4
PM3X20mm Screw
- 4
3mm Washer
- 4
M3mm

Apply thread locker to screws

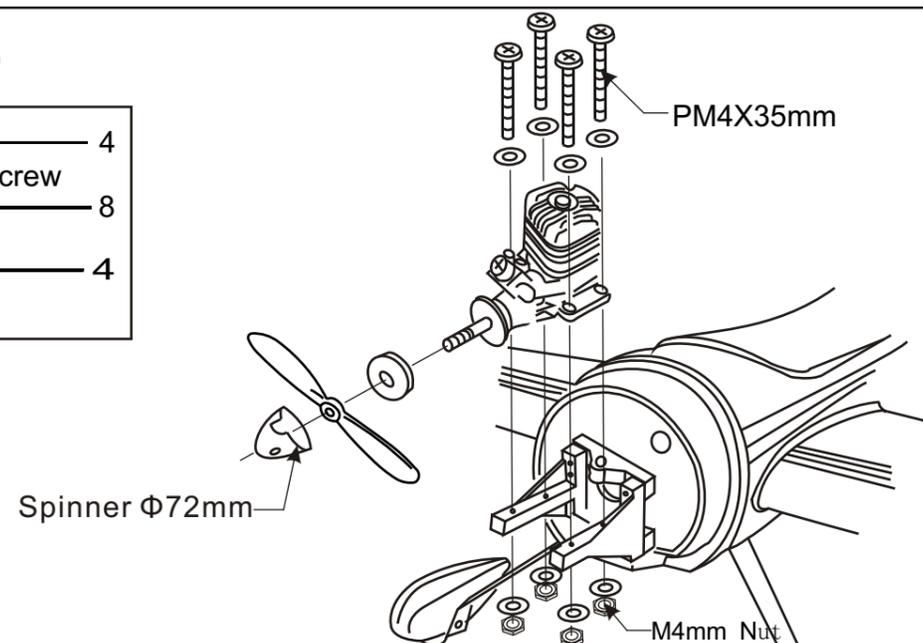


Engine mounting holes at
firewall are off-centered due to
built-in thrust angle.

PM3X20mm

9 Engine

- 4
PM4X35mm Screw
- 8
4mm Washer
- 4
M4mm Nut

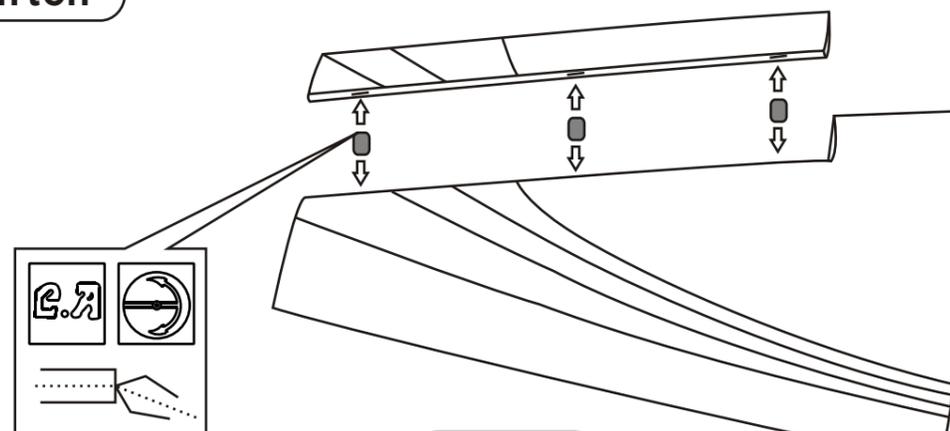


Spinner Φ72mm

PM4X35mm

M4mm Nut

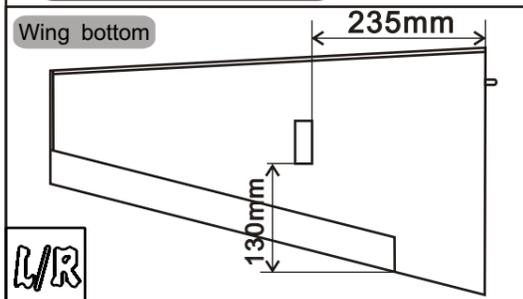
1 Airtton



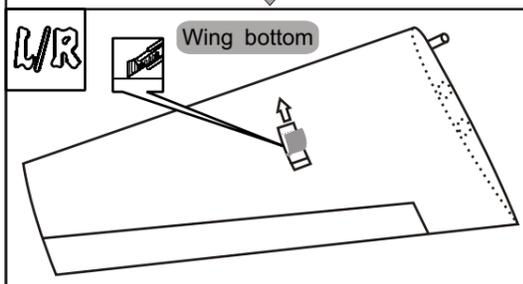
Wing Top

L/R

2 Main Wing



L/R



L/R

- 2
Horn
- 2
Linkage Stopper
- 2
2mm Nut
- 2
3X3mm set screw
- 2
Rod adjuster

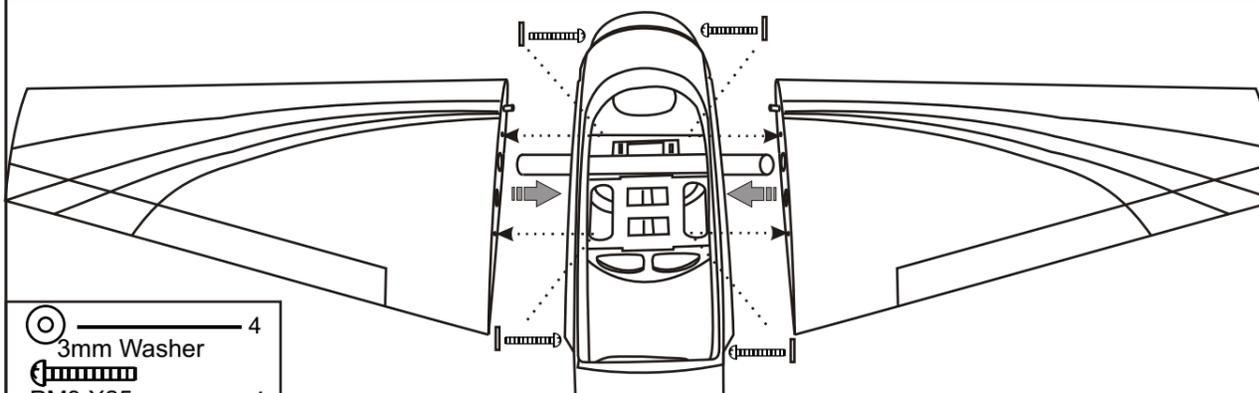
- 6
PM2 X16mm

Servo Set

Horn

Wing bottom

L/R



- 4
3mm Washer
- 4
PM3 X25mm
- 4
Wing Joiner Φ19x320