# 36% Katana



# Requires :100 c.c. engine, 6-channel radio w/ 9 high torque servos.

## Specifications

Wing Span Wing Area Flying Weight Fuselage Length 106 in / 2690 mm 2100 sq in / 135.5 sq dm 26-28 lbs / 11800-12710 g 93 in / 2360 mm

\* Specifications are subject to change without notice.\*

#### Warning !This model is not a toy.

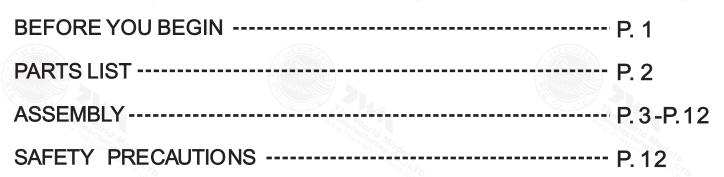
It is designed for maximum performance. Please seek advice if one is not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.





FACTORY PRE-FABRICATED ALMOST-READY-TO-FLY (ARF) SERIES MADE IN CHINA





# **BEFORE YOU BEGIN**

Read through the manual before you begin, so you will have an overall idea of what to do.

2 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 not extend to the parts that are good before gluing to defective parts during assembly. Warranty will not cover any parts modified by customer.

Symbols used throughout this instruction manual comprise of the following : -



Apply epoxy glue.



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

Cut off shaded portion.

Ensure smooth non-binding

movement while assembling.



Assemble left and right sides the same way.



Peel off shaded portion covering film.



Drill holes with the specified diameter (here: 3mm).



Pay close attention here!



Must be purchased separately!



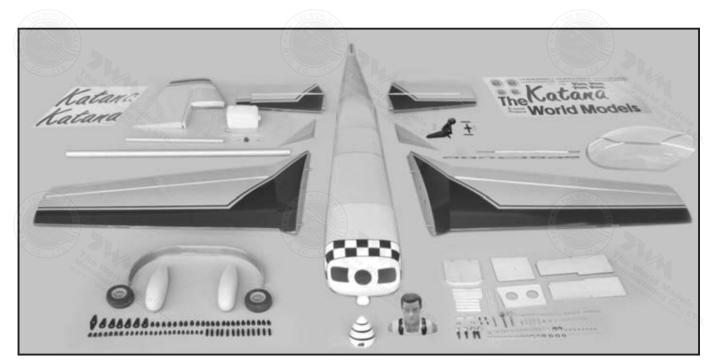
Warning! Do not overlook this symbol!



Pierce the shaded portion covering film.



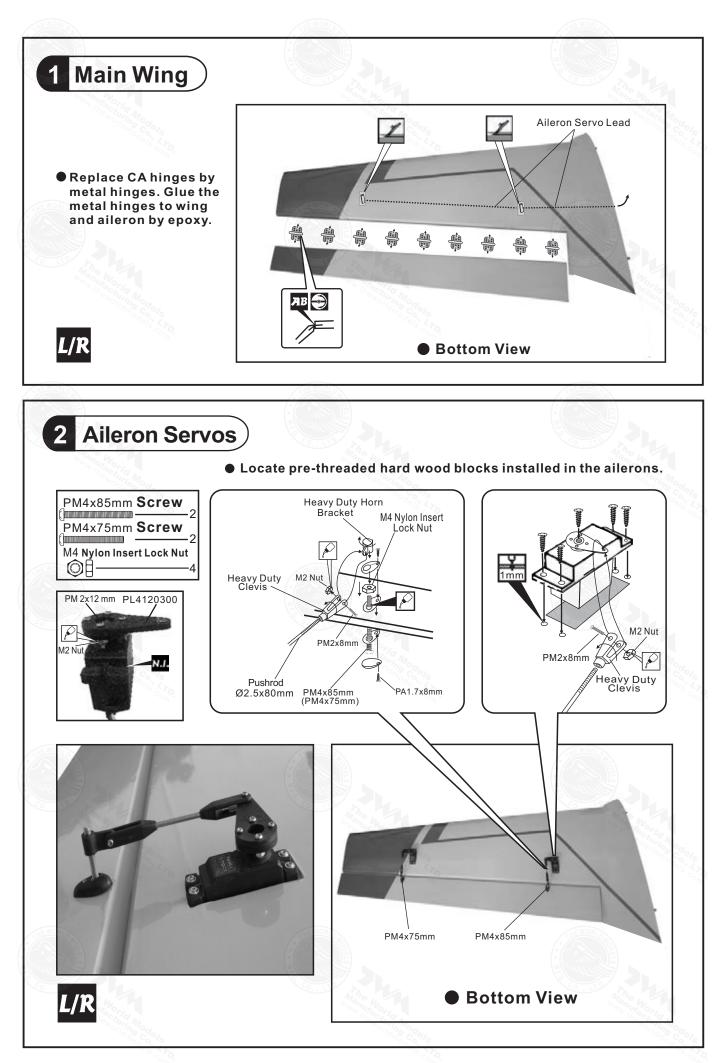
Apply thread locker

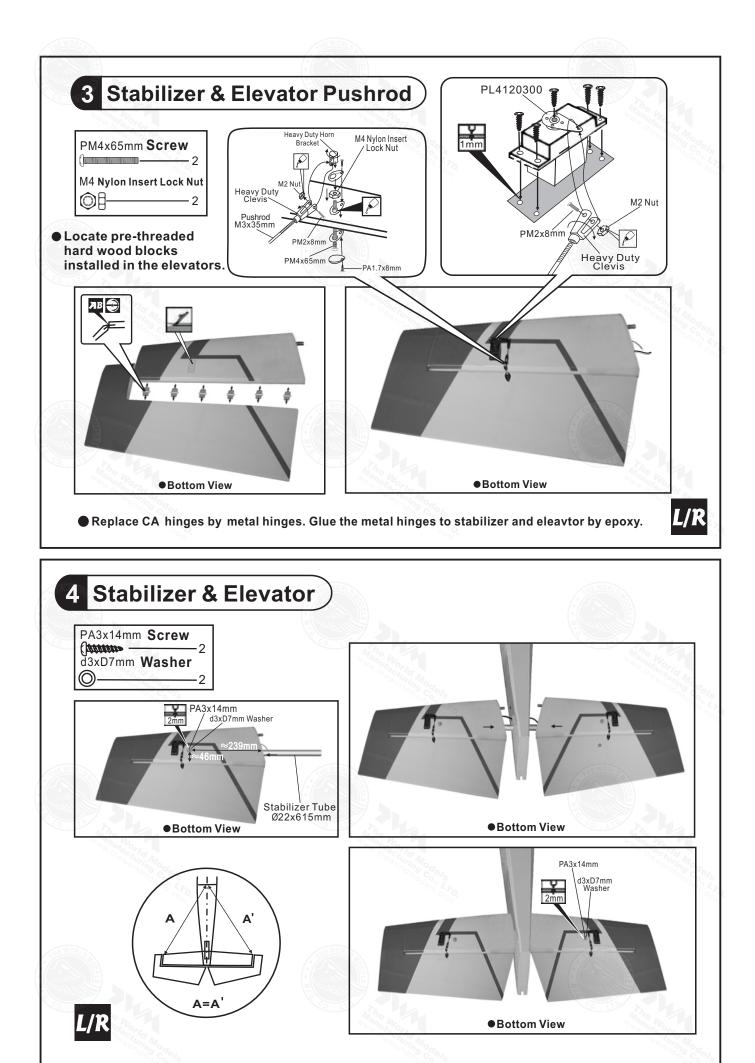


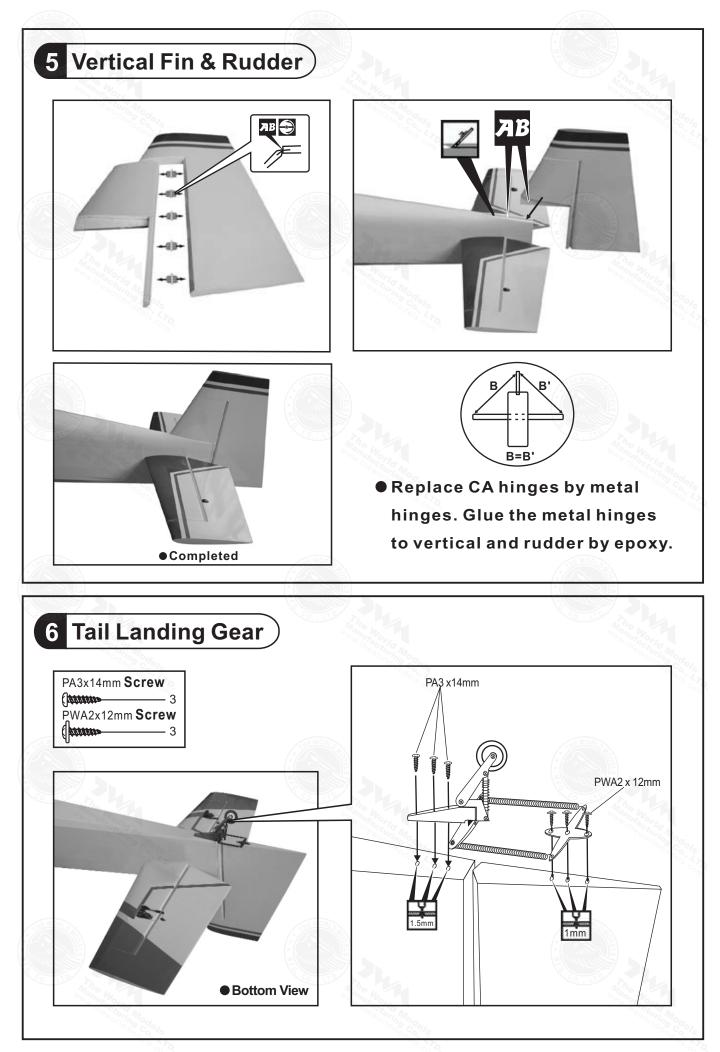
#### Parts List

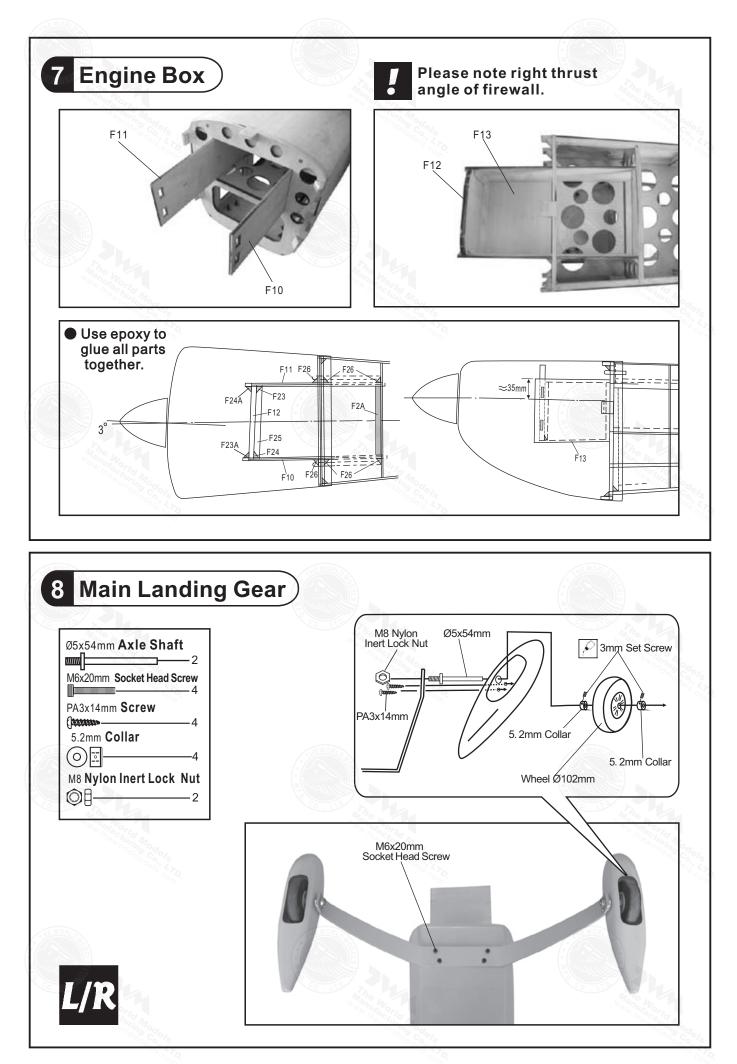
- 1. MAIN WING -- 1 pair METAL HINGES -- 18 pcs
- 2. HEAVY DUTY SERVO HORN PL4120300 -- 4 sets SCREW PM4x85mm -- 2 pcs SCREW PM4x75mm -- 2 pcs M4 NYLON INSERT LOCK NUT -- 4 pcs HEAVY DUTY HORN BRACKET PL4112400 -- 4 sets HEAVY DUTY CLEVIS PL4112200 -- 8 sets SWIVEL CLEVIS HORN FAIRING PL4610010 -- 4 sets PUSHROD Ø2.5x80mm w/ Threads (For Aileron) -- 4 pcs
- 3. STABILIZER & ELEVATOR -- 1 set METAL HINGES -- 12 pcs PUSHROD M3x35mm w/ Threads (For Elevator) -- 2 pcs HEAVY DUTY HORN BRACKET PL4112400 -- 2 sets HEAVY DUTY CLEVIS PL4112200 -- 4 sets HEAVY DUTY SERVO HORN PL4120300 -- 2 sets SWIVEL CLEVIS HORN FAIRING PL4610010 -- 2 sets SCREW PM4x65mm -- 2 pcs M4 NYLON INSERT LOCK NUT -- 2 pcs
- 4. STABILIZER TUBE Ø22x615mm -- 1 pc. SCREW PA3x14mm -- 2 pcs WASHER d3xD7mm -- 2 pcs FUSELAGE -- 1 pc.
- 5. VERTICAL FIN & RUDDER -- 1 set METAL HINGES -- 5 pcs
- 6. TAIL GEAR ASSEMBLY 20-28LBS PL3410020 -- 1 set
- 7. FIRE WALL 12x125x164.2mm (F12) -- 1 pc. ENGINE BOX SIDE PLATE 6x98x330mm (F10) -- 1 pc. ENGINE BOX SIDE PLATE 6x98x321.7mm (F11) -- 1 pc. LOWER PLATE 3x159x165mm (F13) -- 1 pc. BALSA 10x10x98mm (F23) -- 1 pc. BALSA 10x10x98mm (F24) -- 1 pc. BALSA 10x10x153mm (F25) -- 1 pc. BALSA 10x10x98mm (F23A) -- 1 pc. BALSA 10x10x98mm (F24A) -- 1 pc.
- 8. MAIN LANDING GEAR -- 1 pc. MAIN WHEEL Ø102mm -- 2 pcs AXLE SHAFT Ø5x54mm -- 2 pcs M8 NYLON INSERT LOCK NUT -- 2 pcs SCREW PA3x14mm -- 4 pcs SOCKET HEAD SCREW M6x20mm -- 4 pcs COLLAR Ø5.2mm w/ set screw -- 4 pcs WHEEL PANTS -- 1 pair

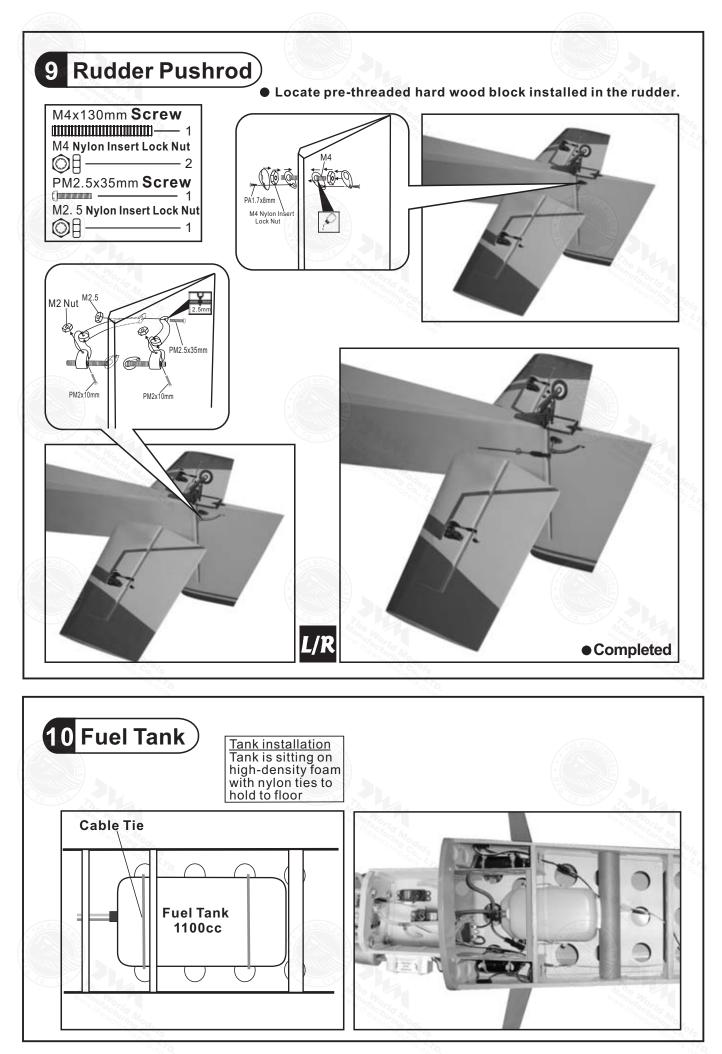
- 9. EYE SCREW M2.5x8x25mm w/ Threads (For Rudder) -- 2 pcs HEAVY DUTY CLEVIS PL4112200 -- 2 sets HEAVY DUTY HORN BRACKET PL4112400 -- 2 sets SWIVEL CLEVIS HORN FAIRING PL4610020 -- 1 set SCREW M4x130mm -- 1 pc. M4 NYLON INSERT LOCK NUT -- 2 pcs SWIVEL CLEVIS HORN SUPPORT PL4610120 -- 1 set SCREW PM2.5x35mm -- 1 pc. M2.5 NYLON INSERT LOCK NUT -- 1 pc. WIRE Ø1x1100mm (For Rudder) -- 2 pcs COPPER TUBE d2.5xD3.2x8mm (For Rudder) -- 2 pcs
- 10. FUEL TANK 1100cc PL112110G (Gasoline Fuel) -- 1 set CABLE TIE (Fuel Tank) -- 2 pcs
- 11. PLYWOOD 3x108x190mm -- 1 pc. SCREW PWA2.6x12mm -- 4 pcs M6 BLIND NUT -- 4 pcs SOCKET HEAD SCREW M6x50mm -- 4 pcs WASHER d6xD15mm -- 4 pcs
- 12. EYE SCREW M2.5x8x25mm w/ Threads (For Rudder) -- 2 pcs PUSHROD M3x35mm w/ Threads (For Rudder) -- 2 pcs HEAVY DUTY SERVO HORN PL4120600 -- 2 sets HEAVY DUTY CLEVIS PL4112200 -- 6 sets COPPER TUBE d2.5xD3.2x8mm (For Rudder) -- 2 pcs THROTTLE PUSHWIRE Ø1.2x580mm -- 1 pc. w/ Plastic tube d2xD3x350mm -- 1 pc. SPONGE -- 2 pcs LINKAGE CONNECTOR 2.1mm -- 1 set
- 13. WING TUBE Ø38x1150 -- 1 pc. SCREW PM3x30mm -- 1 pc. SCREW PA3x30mm -- 1 pc. WASHER d3xD7mm -- 2 pcs WING FAIRING 67x120x330mm -- 1 pair
- 14. COCKPIT -- 1 pc. CANOPY -- 1 pc. PILOT (PC101110F) -- 1 pc. SCREW PWA2.3x12mm -- 6 pcs SCREW PM3x20mm -- 2 pcs SILICON GROMMET d1.5xD6.5mm -- 6 pcs WASHER d3xD7mm -- 2 pcs
- 15. COWLING -- 1 pc. TRANSPARENT 3D TEMPLATE -- 1 pc. SPINNER Ø102mm (w/ alu. back plate) -- 1 set SCREW PA3x12mm -- 6 pcs SILICON GROMMET d2.5xD8.5mm -- 6 pcs WASHER d3xD7mm -- 6 pcs
- 16. DECALS -- 1 set COVERING: TOUGHLON STL 330 CADMIUM YELLOW TOUGHLON STL 550 PEARL BLUE TOUGHLON STL 511 PEARL FERRARI RED

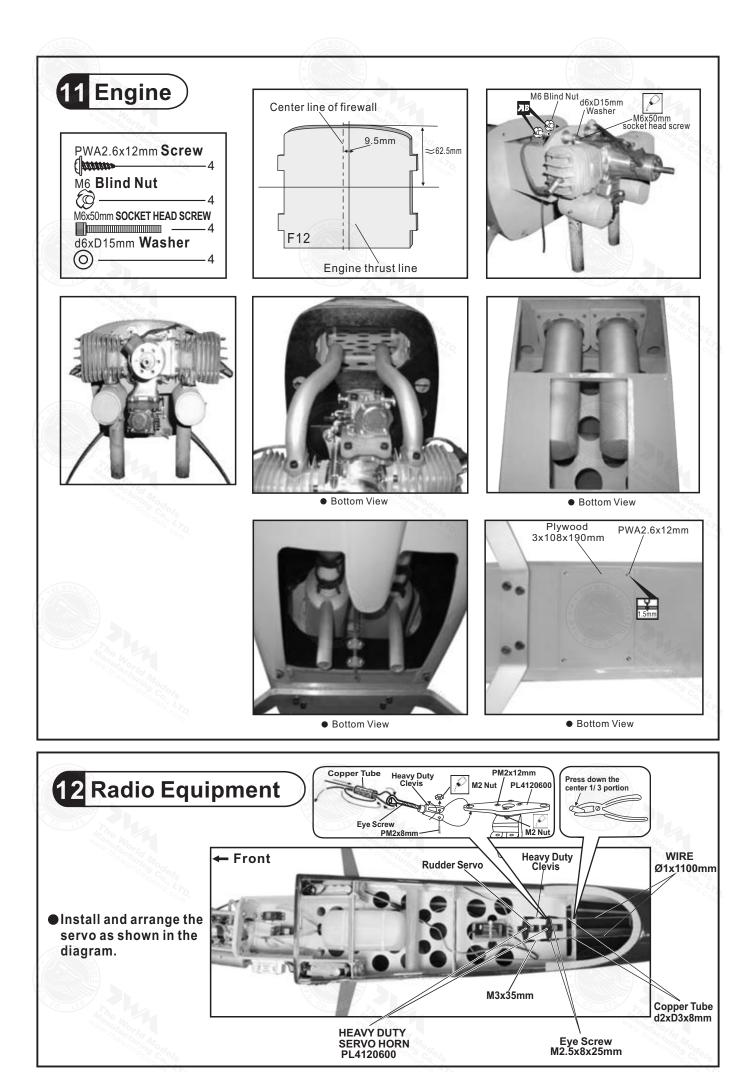


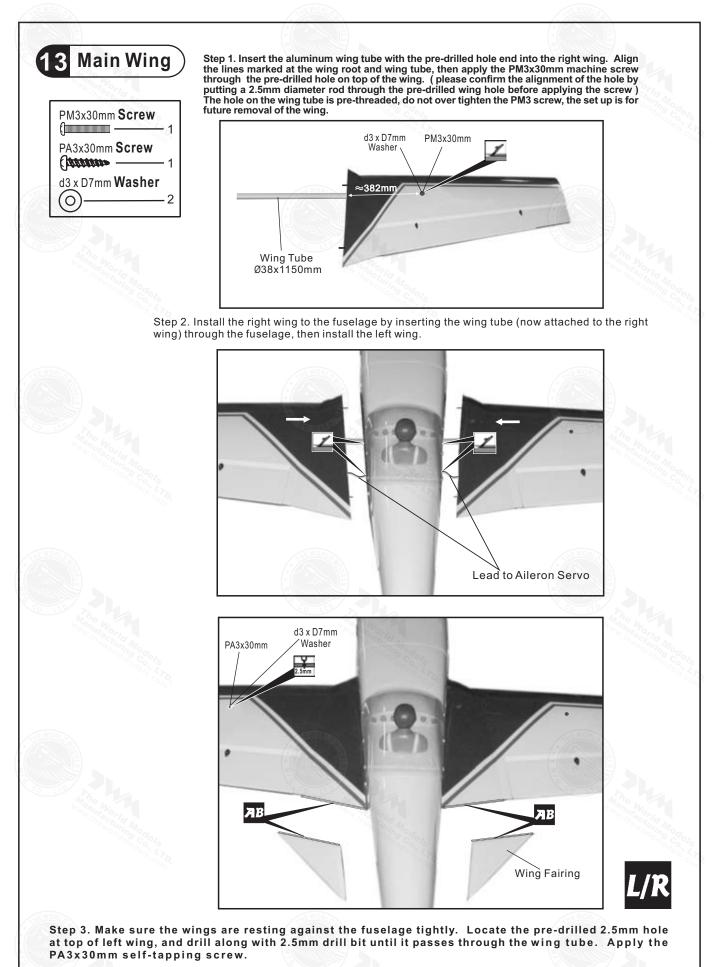




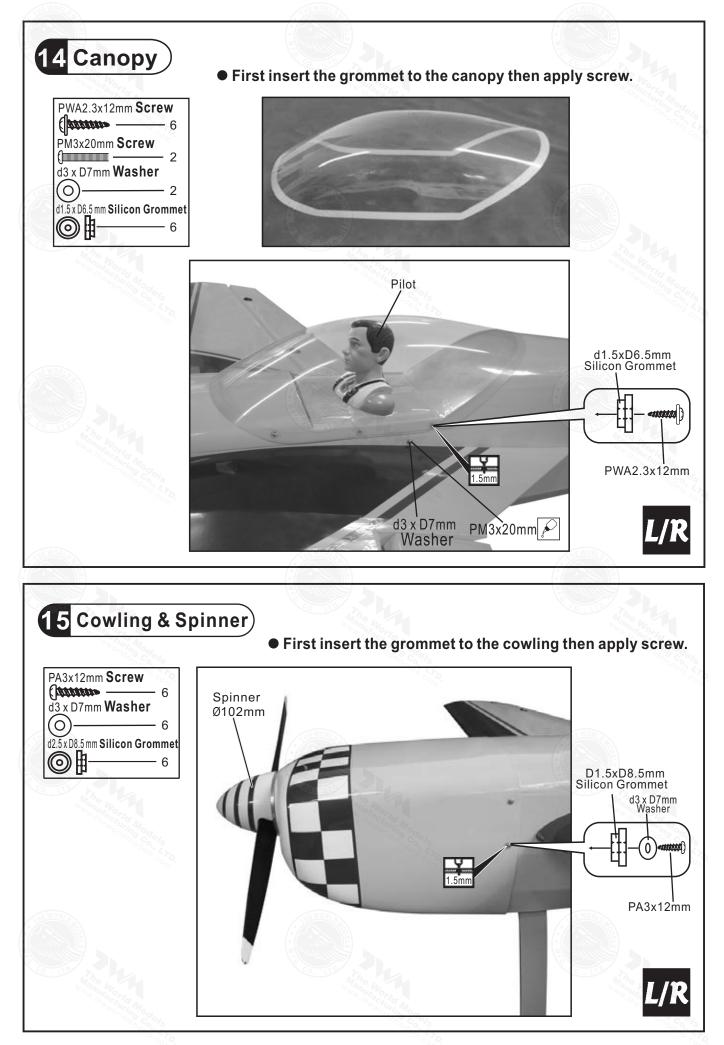


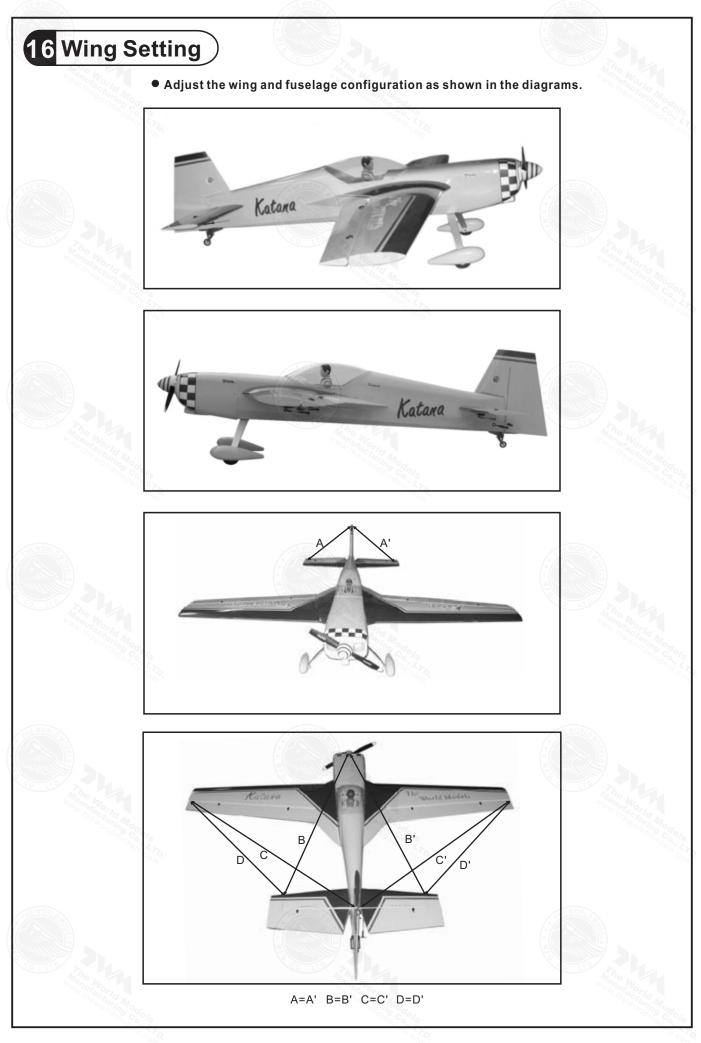


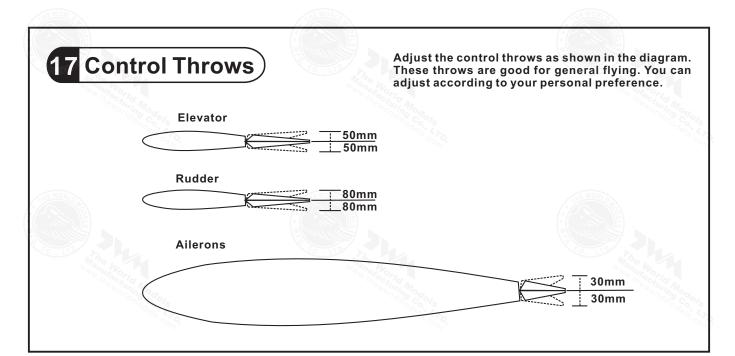


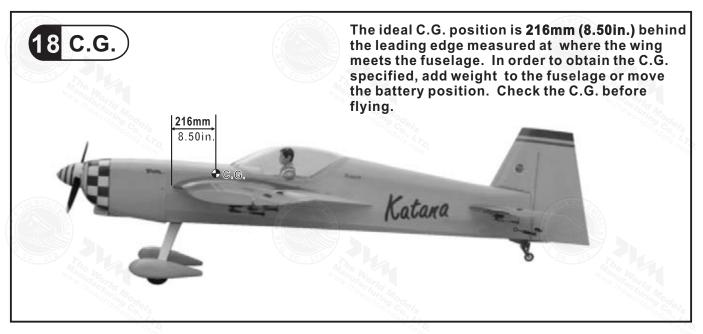


Note : It is recommended that the wing tube stays with the left wing. Removal of the wings could be achieved by removing the right wing machine screw, the right wing then the left wing with wing tube. If removal of wing tube from left wing is also required, it is recommended that instead of applying self-tapping screw in step 3, you pre-tap with M3 thread cutter and apply M3 machine screw.



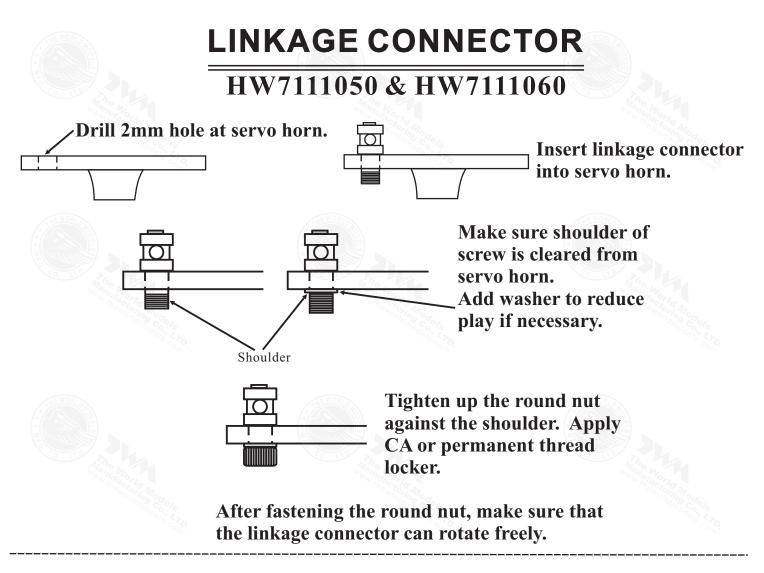






### Warning! Important Safety Precautions

- # First time flyer should 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.
- # **36% Katara** is specially designed to be powered by **100cc** gasoline engine, using a more powerful engine does not mean better performance. In fact, over powered engine may cause severe 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.



## **Product Registration Form (US Customers)**

We would like to share with you any relevant information regarding your model, including product news and free upgrade parts when applicable. Please fill in the following and send to AirBorne Models, 4749-K, Bennett Drive, Livermore, CA 94551 USA.

| 1.Name:             | ~m <sup>-</sup>                            |                    |
|---------------------|--|--------------------|
| 2.Address:          | C NOT                                      | A STREET OF STREET |
| 3.Phone #:          | e-mail:                                    |                    |
| 4.Model:            |  |                    |
|                     | Fuselage QC#<br>nped on wing and fuselage) |                    |
| 5.Date of Purchase: |  |                    |
| 6.Store Name:       | NOR DO                                     |                    |
|                     |  |                    |

Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.



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