



## Requires: 50 - 60 c.c. engine, 4 - channel radio w/ 8 high torque servos.

#### Specifications

Wing Span Wing Area Flying Weight Fuselage Length 84 in / 2130 mm 1131 sq in / 73 sq dm 16-18 lbs / 7264-8172 g 75.5 in / 1920 mm

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

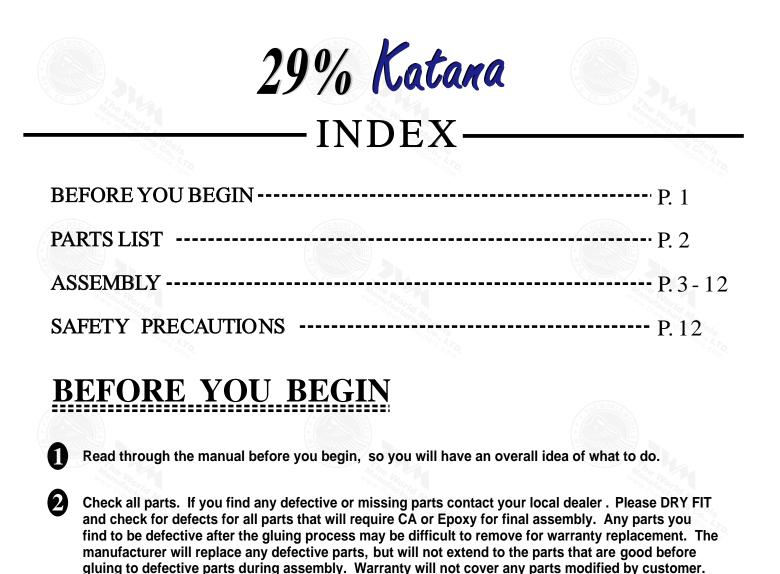
#### Warning! This model is not a toy.

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



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



Apply epoxy glue.



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!



Pierce the shaded portion covering film.



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



Ensure smooth non-binding movement while assembling.



Cut off shaded portion.



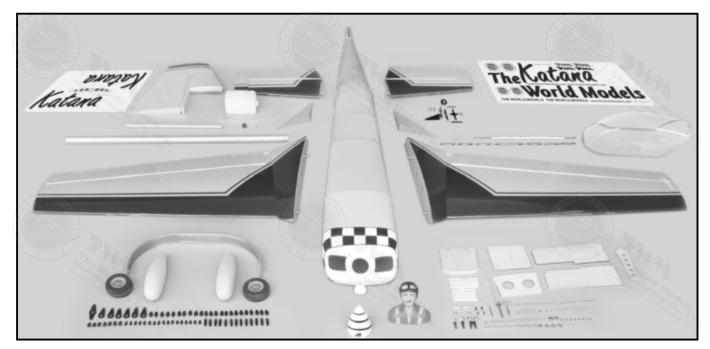
Must be purchased separately!



Do not overlook this symbol!



Apply thread locker



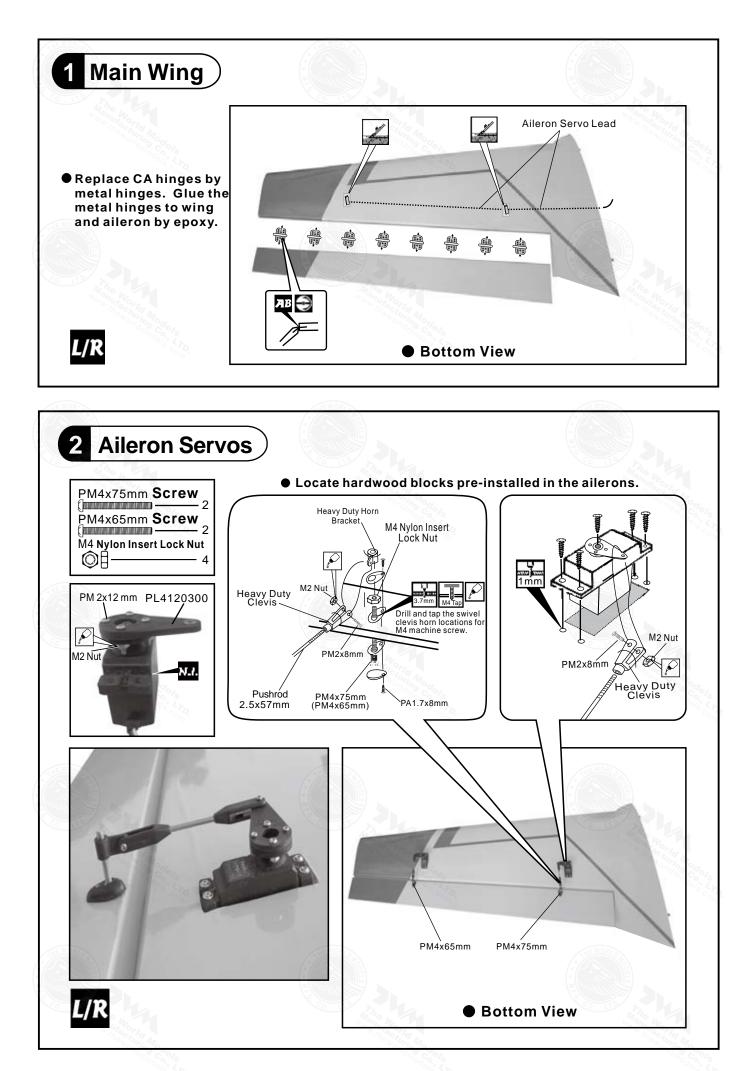
### **Parts List**

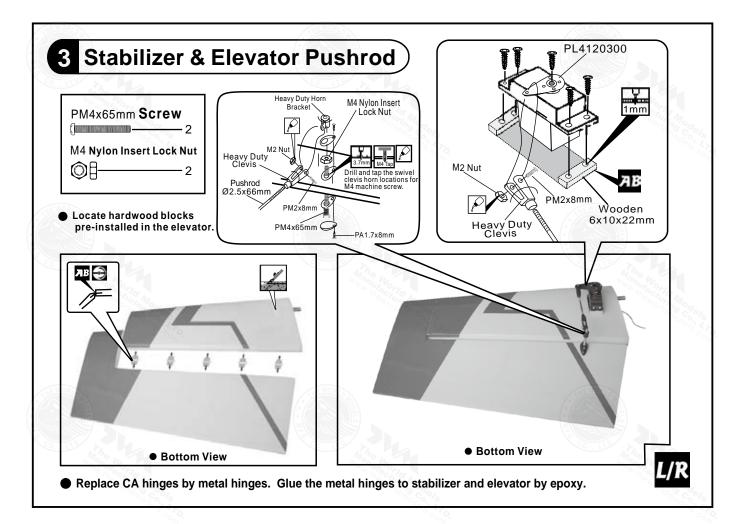
1.MAIN WING -- 1 pair METAL HINGES -- 16 pcs 2.HEAVY DUTY SERVO HORN PL4120300 -- 4 sets SCREW PM4x75mm -- 2 pcs SCREW PM4x65 -- 2 pcs M4 NYLON INSERT LOCK NUT -- 4 pcs HEAVY DUTY HORN BRACKET PL4112400 -- 4 pcs HEAVY DUTY CLEVIS PL4112200 -- 8 sets SWIVEL CLEVIS HORN FAIRING PL4610010 -- 4 sets PUSHROD 2.5x57mm w/ Threads (For Aileron) -- 4 pcs 3.STABILIZER & ELEVATOR -- 1 set METAL HINGES -- 10 pcs PUSHROD 2.5x66mm w/ Threads (For Elevator) -- 2 pcs HEAVY DUTY HORN BRACKET PL4112400 -- 2 pcs HEAVY DUTY SERVO HORN PL4120300 -- 2 sets HEAVY DUTY CLEVIS PL4112200 -- 4 sets SWIVEL CLEVIS HORN FAIRING PL4610010 -- 2 sets SCREW PM4x65mm -- 2 pcs M4 NYLON INSERT LOCK NUT -- 2 pcs WOOD 6x10x22mm (For Elevator Servo) -- 4 pcs 4.STABILIZER TUBE 16x403mm -- 1 pc. SCREW PWA3x12mm -- 2 pcs 5.VERTICAL FIN & RUDDER -- 1 set METAL HINGES -- 5 pcs 6.TAIL GEAR ASSEMBLY 13-22LBS PL3410021 -- 1 set 7.FIRE WALL 9x120x132.2mm (F12) -- 1 pc. ENGINE BOX SIDE PLATE 5x97x266.5mm (F10) -- 1 pc. ENGINE BOX SIDE PLATE 5x97x259.6mm (F11) -- 1 pc. LOWER PLATE 3x126x131mm (F13) -- 1 pc. BALSA 7x7x97mm (F23) -- 1 pc. BALSA 7x7x97mm (F24) -- 1 pc. BALSA 7x7x121mm (F25) -- 1 pc. BALSA 7x7x97mm (F26) -- 2 pcs BALSA 7x7x78mm (F26D) -- 4 pcs BALSA10x10x97mm(F23A)--1 pc. BALSA10x10x97mm(F24A)--1 pc. BALSA 10x10x121mm(F2A)--1 pc. 8.MAIN LANDING GEAR -- 1 pc. MAIN WHEEL 76mm -- 2 pcs AXLE SHAFT 4.5x54mm -- 2 pcs M8 NYLON INSERT LOCK NUT -- 2 pcs SCREW PA3x14mm -- 4 pcs SOCKET HEAD SCREW M5x16mm -- 4 pcs COLLAR 4.6mm w/ set screw -- 4 pcs WHEEL PANTS -- 1 pair 9.EYE SCREW M2.5x8x35mm w/ Theads (For Rudder) -- 2 pcs

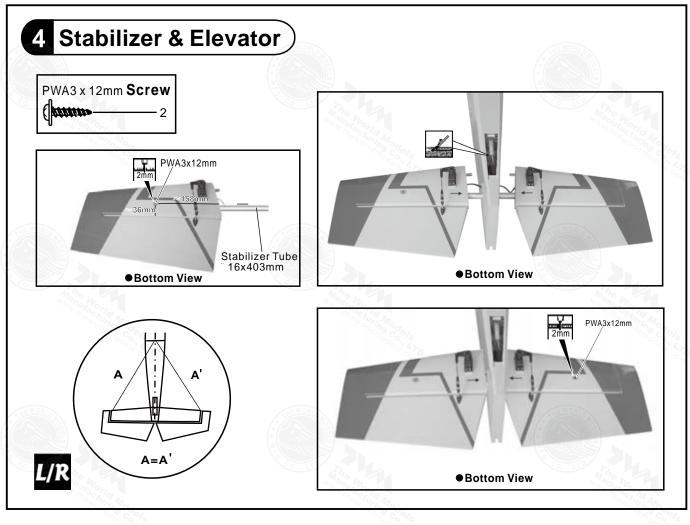
COPPER TUBE d2.5x3.2x8mm(For Rudder)--2 pcs HEAVY DUTY CLEVIS PL4112200 -- 2 pcs HEAVY DUTY HORN BRACKET PL4112400 -- 2 pcs SWIVEL CLEVIS HORN FAIRING PL4610020 -- 1 set SCREW M4x100mm -- 1 pc. M4 NYLON INSERT LOCK NUT -- 2 pcs SCREW PWA2.6x12mm -- 1 pc. PLYWOOD 3x42.5x153.5mm -- 1 pc. 10.FUEL TANK 650cc PL1111650G(Gasoline Fuel)--1 set CABLE TIE (For Fuel Tank)--2 pcs 11.PLYWOOD 3x100x150mm--1 pc. SCREW PWA2.6x12mm--4 pcs M6 BLIND NUT --4 pcs SOCKET HEAD SCREW M6x50mm--4 pcs WASHER d6x15mm--4 pcs 12.EYE SCREW M2.5x8x35mm w/ Theads(For Rudder)--2 pcs THROTTLE PUSHWIRE1.2x500mm--1 pc. w/ Plastic Tube d2xD3x300mm--1 pc. SPONGE --2 pcs LINKAGE CONNECTOR 2.1mm--1 set HEAVY DUTY SERVO HORN PL4120600--1 set HEAVY DUTY CLEVIS PL4112200--2 pcs COPPER TUBE d2.5x3.2x8mm(For Rudder)--2 pcs 13.WING TUBE 25.5x914mm--1 pc. SCREW PM3x25mm--1 pc. SCREW PA3x25mm--1 pc. WASHER d3xD7mm--2 pcs WING FAIRING--1 pair 14.COCKPIT--1 pc. CANOPY--1 pc. PILOT(PC001102B)--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. SPINNER 89mm(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 17.HAND TAP M4--1 pc. • COVERING: **TOUGHLON STL 330 CADMIUM YELLOW TOUGHLON STL 550 PEARL BLUE** 

**TOUGHLON STL 511 FERRARI RED** 

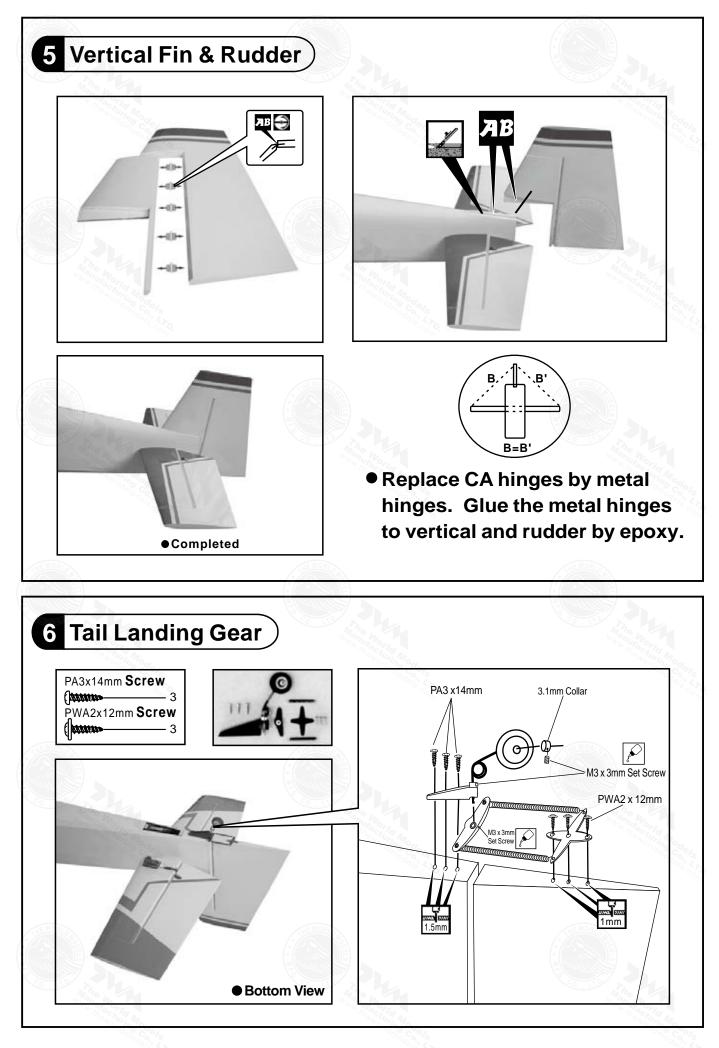
9.EYE SCREW M2.5x8x35mm w/ Theads (For Rudder) -- 2 pcs WIRE 1x900mm(For Rudder)--2 pcs

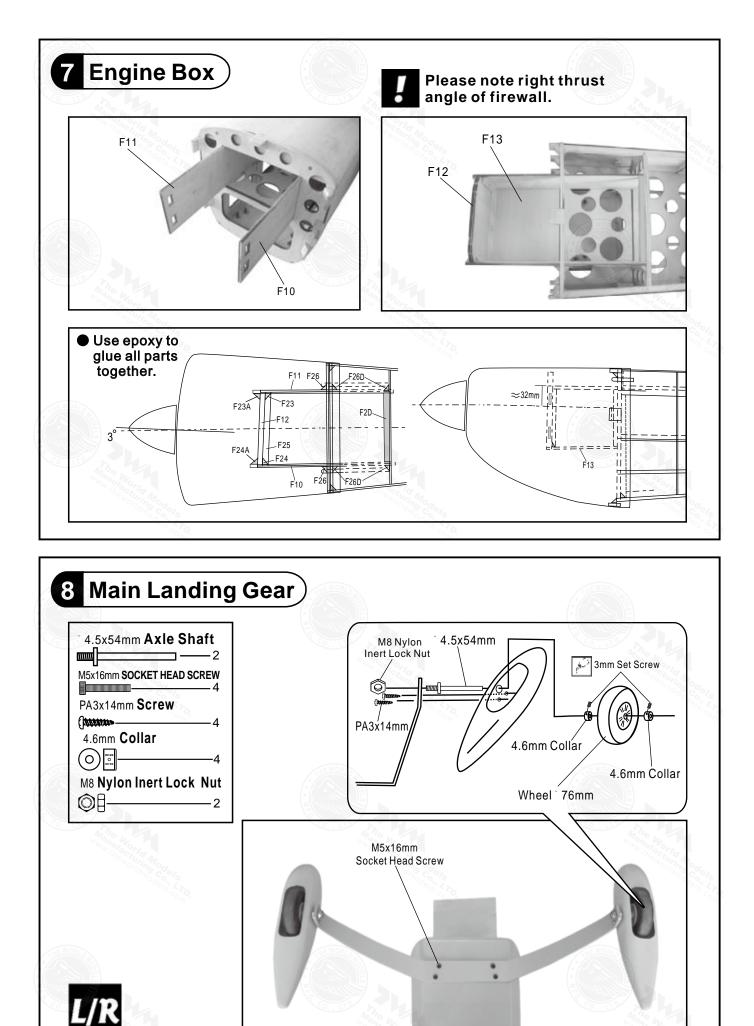




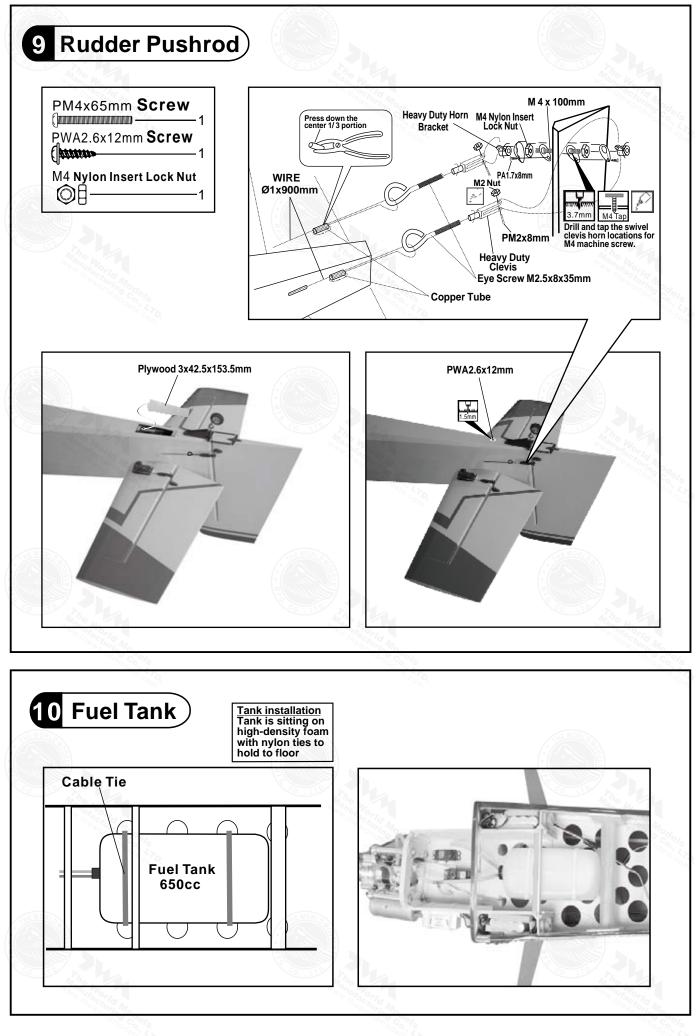


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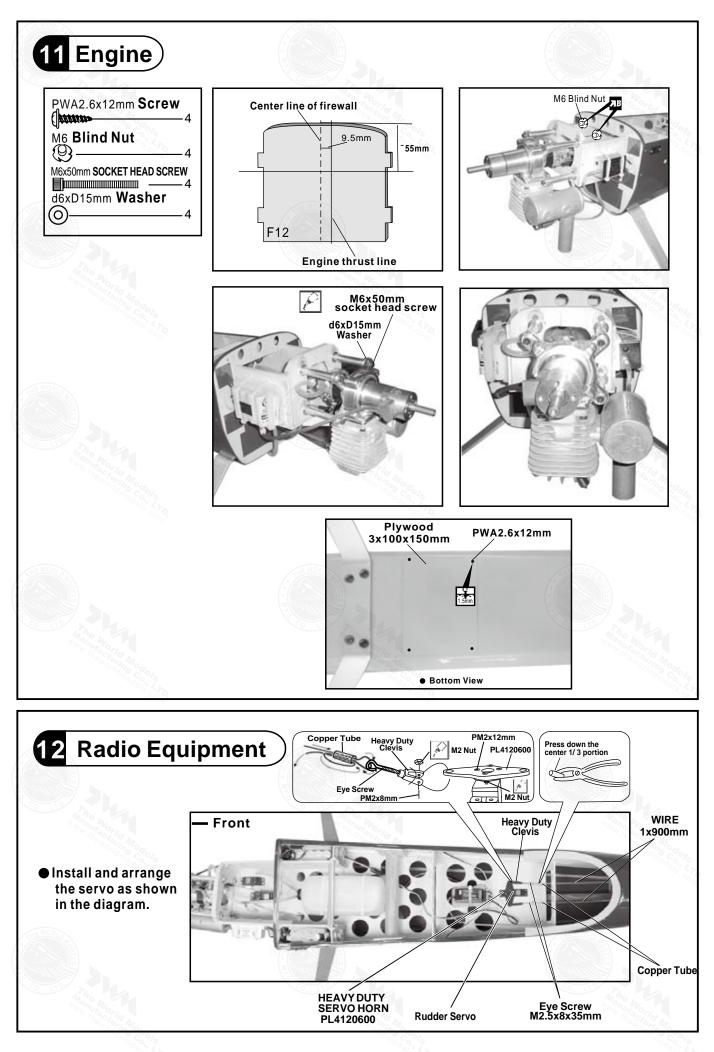


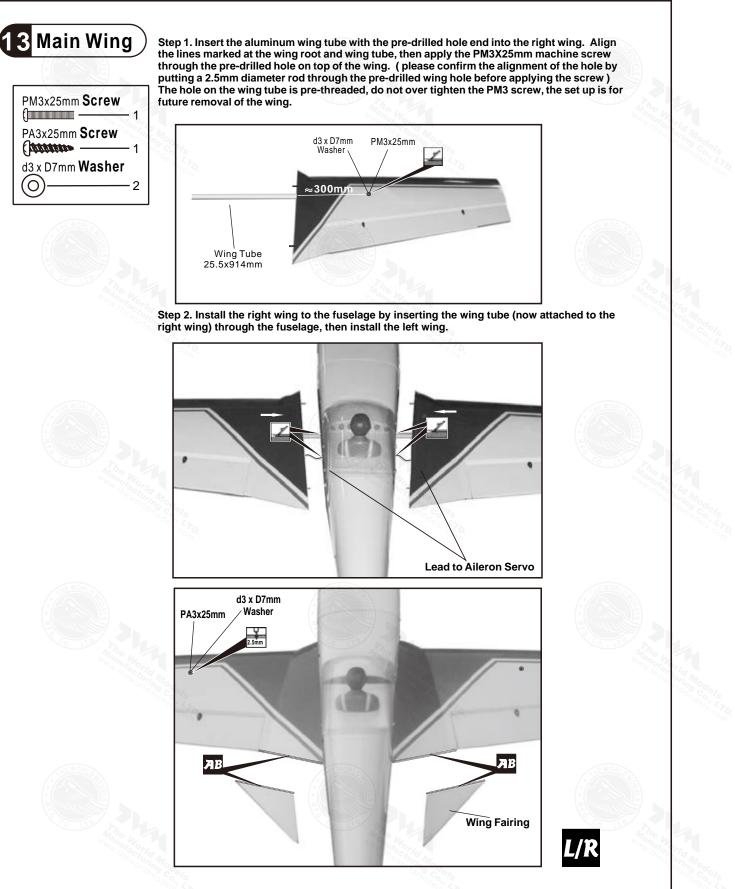


**P.6** 



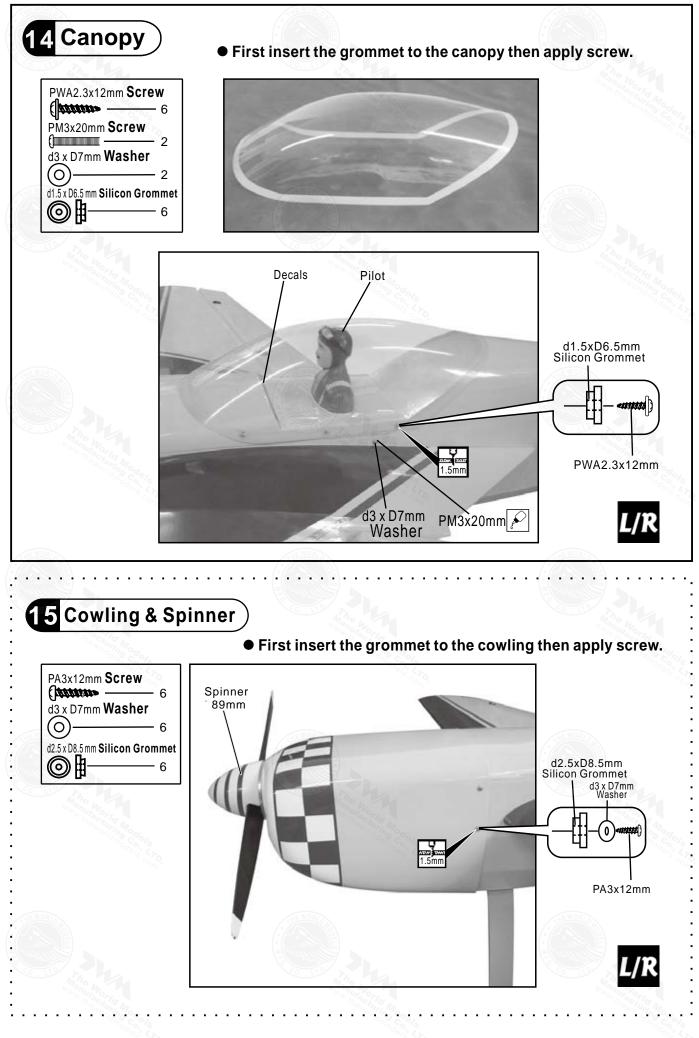
**P.7** 



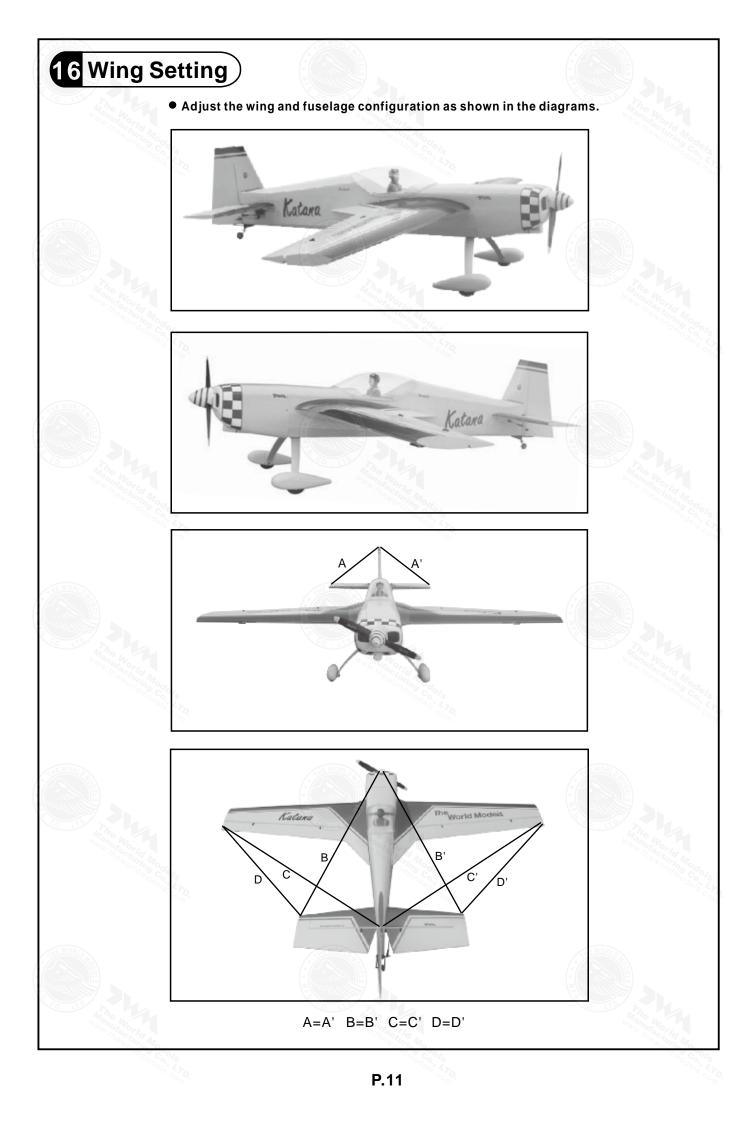


Step 3. Make sure the wings are resting against the fuselage tightly. Locate the pre-drilled 2.5mm hole at top of left wing, and drill along with 2.5mm drill bit until it passes through the wing tube. Apply the PA3 X25mm self-tapping screw.

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.



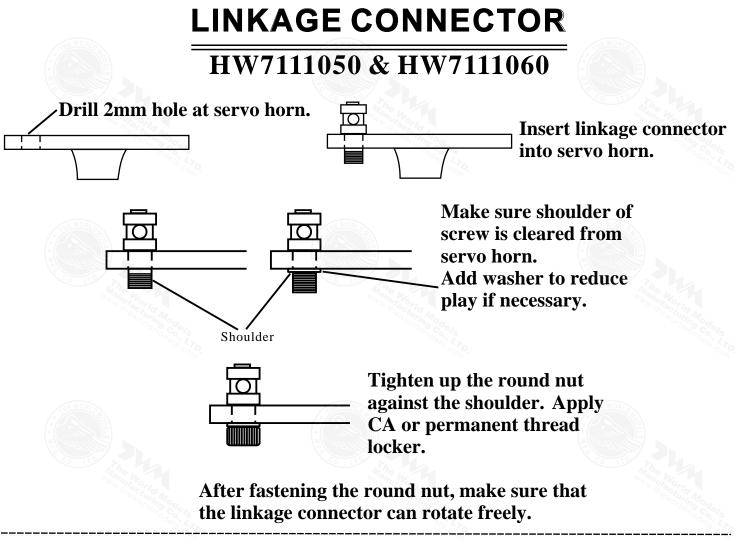
P.10



17 Control Throws	These th	the control throws as shown in the diagram. hrows are good for general flying. You can according to your personal preference.
Elevator	the World	
	<u>50mm</u>	
Rudder	* con	
<.woo	80mm	
Ailerons		
		<u>30mm</u> 30mm
185mm 7.28 in. ♥C.	flying.	tana
	1918 - S. M.	2000
Warning! Important Safety Precautions		
	y by himself / herself. A	Assistance from experienced flyer is
# Pre-flight adjustment must be opre-adjusted aircraft.	WWW. In even	s very dangerous to fly a badly by <b>50-60cc</b> gasoline engine, using a
more powerful engine does not engine may cause severe dama	t mean better performa	
# Make sure the air field is space too close to a running propeller		e too close to people and never get
		ther 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.

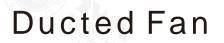


#### **Product Registration Form (US Customers)**

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:		
2.Address:		
3.Phone #:	e-mail:	
4.Model:		
Wing QC#Fuselag (QC numbers are stamped on v	ge QC# ving and fuselage)	
5.Date of Purchase:	* s. com	
6.Store Name:		

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



# Warbirds

R

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Scale

Sports

Glider

Trainer

Boat

# Accessories

Covering (Lightex / Toughlon)



Pattern



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Electric



