

Super Chipmunk-90 RF



0.60-0.75 cu. in. displacement 2-stroke 0.91 cu. in. displacement 4-stroke

Requires: 5-channel radio w/ 6 standard servos (Optional inboard flap)

Specifications

Wing Span Wing Area Flying Weight Fuselage Length 64.0 in / 1620 mm 682 sq in / 44.0 sq dm 7 lbs / 3300 g 53.0 in / 1340 mm

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.



^{*} Specifications are subject to change without notice.*

Super Chipmunk-90 RF

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BEFORE YOU BEGIN

- Read through the manual before you begin, so you will have an overall idea of what to do.
- 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.
- 3 Symbols used throughout this instruction manual comprise of the following : -



Apply epoxy glue.



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



Apply thread locker



Ensure smooth non-binding movement while assembling.



Assemble left and right sides the same way.



Cut off shaded portion-



Peel off shaded portion covering film.



Must be purchased separately!



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



Pierce the shaded portion covering film.



Pay close attention here!



Do not overlook this symbol!



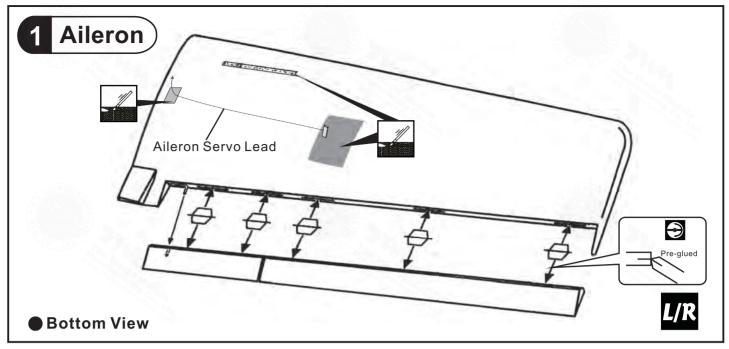
Parts List

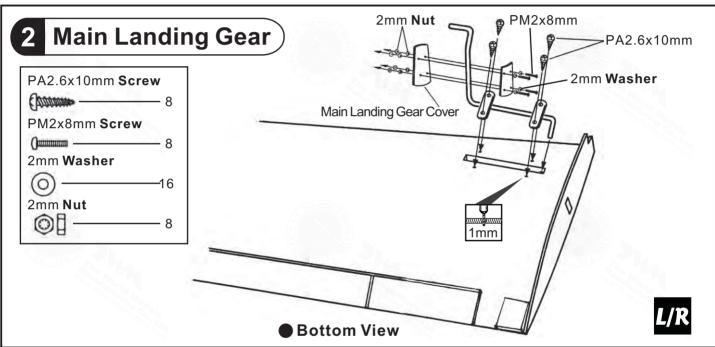
- 1. MAIN WING 1 pair
- 2. MAIN LANDING GEAR 1 pair MOUNTING PLATE 12x20mm – 4 pcs SCREW PA2.6x10mm – 8 pcs SCREW PM2x8mm – 8 pcs MAIN LANDING GEAR COVER – 2 sets WASHER 2mm – 16 pcs M2 NUT – 8 pcs
- 3. SCREW PA2.6x10mm 4 pcs COLLAR Ø4.1mm set/ screw - 4 sets WHEEL Ø76mm - 2 pcs WHEEL PANTS - 1 pair MOUNTING PLATE 12x20mm - 2 pcs
- 4. SCREW PWA2x8mm 8 pcs SERVO MOUNTING PANEL (For Aileron) – 1 pair
- 5. SCREW PB2x16mm 2 pcs SCREW PB2x20mm - 4 pcs FUEL TUBE Ø6x5mm - 4 pcs STRAPER - 2 pcs CLEVIS - 2 pcs TRI-HORN M3x9mm (L) (For Aileron Servo) - 2 sets PUSHROD Ø1.8x100mm w/ Threads (For Aileron) - 2 pcs
- 6. WING JOINER 9x24x223mm 1 pc.
- 7. RING Ø2.3mm PL4112023 2 pcs
- 8. STRAPER 1 pc. CLEVIS – 2 pcs FUEL TUBE Ø6x5mm – 3 pcs Y-TYPE PUSHROD Ø1.8x126mm w/ Threads (For Flap) – 1 pc.
- 9.COVERING 20x50mm 1 pc. FUSELAGE 1 pc.
- 10. STABILIZER & ELEVATOR 1 set
- 11. VERTICAL FIN & RUDDER 1 set TAIL LANDING GEAR – 1 set SCREW PA3x12mm – 2 pcs COLLAR Ø2.1mm set/ screw – 1 set WHEEL Ø23mm – 1 pc. BALSA 8x20x247.5mm – 1 pc.
- 12. FUEL TANK 380cc PL1111380 1 set DOUBLE- SIDED TAPE – 40x100mm – 1 pc. CABLE TIE 1.5x5x400mm – 1 pc.
- 13. ENGINE MOUNT PL5111070 1 set SOCKET HEAD SCREW M4x25mm – 4 pcs WASHER d4xD9mm – 4 pcs
- 14. SCREW PM4x30mm 4 pcs WASHER d4xD9mm – 8 pcs M4 NUT – 8 pcs SPINNER Ø57mm – 1 pc. THROTTLE PUSHWIRE Ø1.2x450mm – 1 pc. PLASTIC TUBE d2xD3x250mm – 1 set

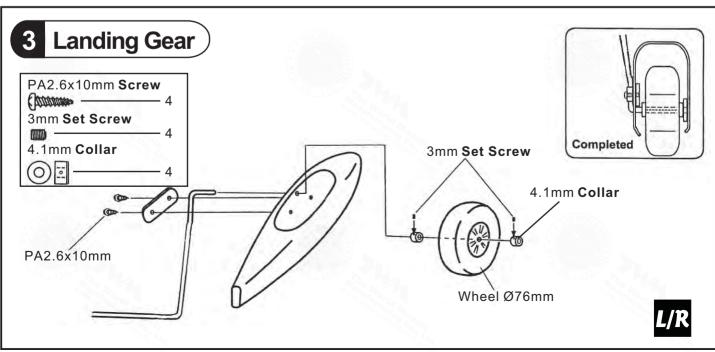
- 15. COWLING 1 pc. TRANSPARENT 3D TEMPLATE – 1 pc. SCREW PWA2.6x12mm – 6 pcs SILICON GROMMET d1.5xD6.5mm – 6 pcs
- 16. SCREW PB2x16mm 6 pcs TRI-HOR M3x22mm (L) (For Elevator) – 2 sets FUEL TUBE Ø6x5mm – 2 pcs CLEVIS – 2 pcs PUSHROD 1.8x630mm w/ Threads (For Elevator) – 2 pcs
- 17. FUEL TUBE Ø6x5mm 1 pc. CLEVIS – 1 pc. SCREW PB2x16mm – 3 pcs TRI-HORN 3x14mm (For Rudder) – 1 set PUSHROD Ø1.8x635mm w/ Threads (For Rudder) – 1 pc.
- 18. LINKAGE CONNECTOR Ø2.1mm 1 set
- 19. STRAPER PL4112102 2 pcs FUEL TUBE Ø6x5mm – 2 pcs SPONGE 10x80x200mm – 2 pcs PUSHROD CONNECTOR PL4410010 (For Elevator) – 1 set PUSHROD Ø1.8x70mm (For Elevator) – 1 pc.
- 20. CANOPY 1 pc.
 PILOT PC001085A 1 set
 SCREW PWA2.3x8mm 4 pcs
 SILICON GROMMET d1.5xD6.5mm 4 pcs
 COCKPIT 1 pc.
- 21. SCREW HM4x40mm 2 pcs WASHER d4xD15mm - 2 pcs
- 22. DECALS A004RFDEC 1 set

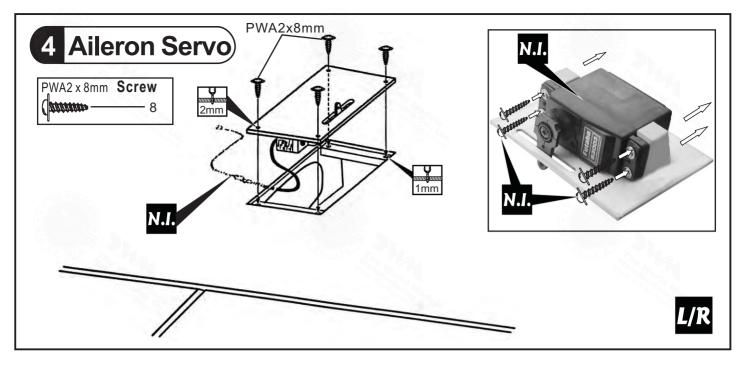
TOUGHLON:--

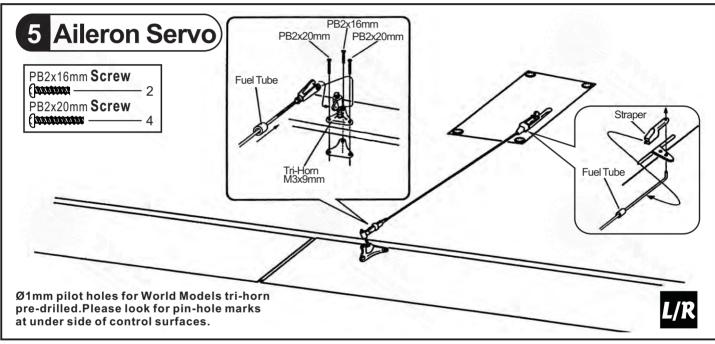
TOUGHLON STL 100 WHITE TOUGHLON STL 312 BRIGHT RED TOUGHLON STL 350 CORSAIR BLUE TOUGHLON STL 004RWIG TOUGHLON STL 004RFUS

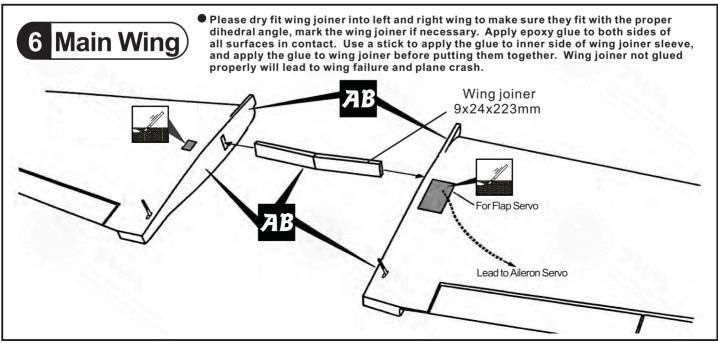


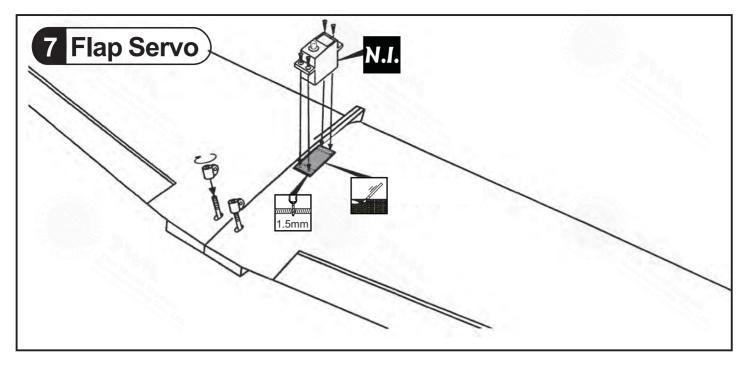


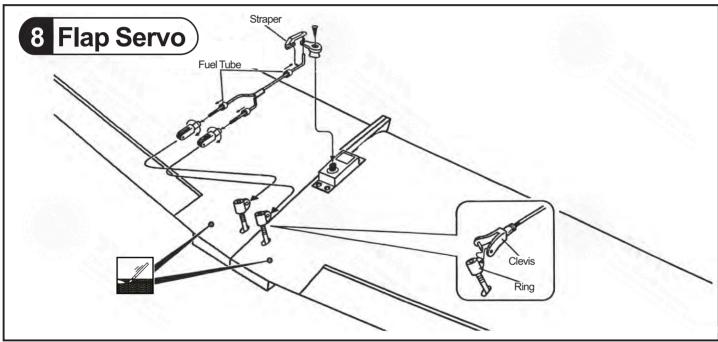


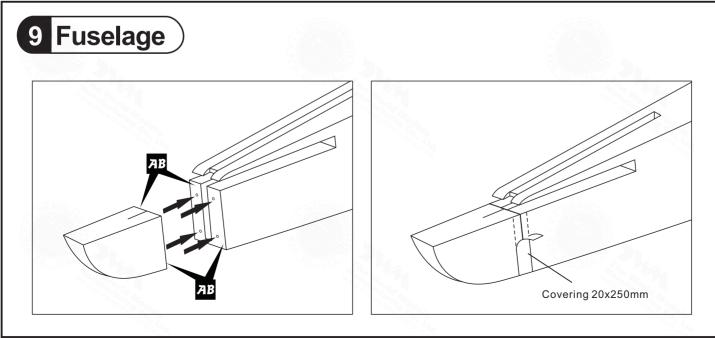


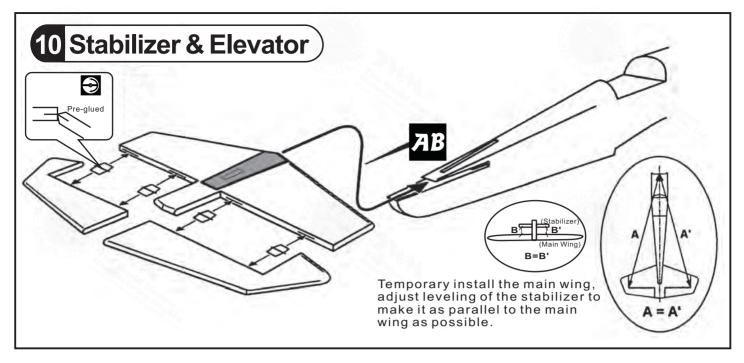


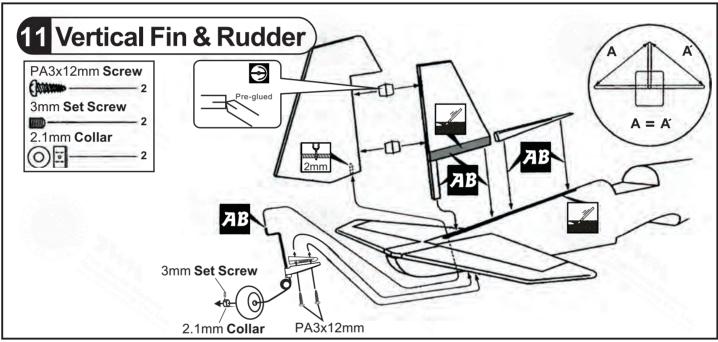


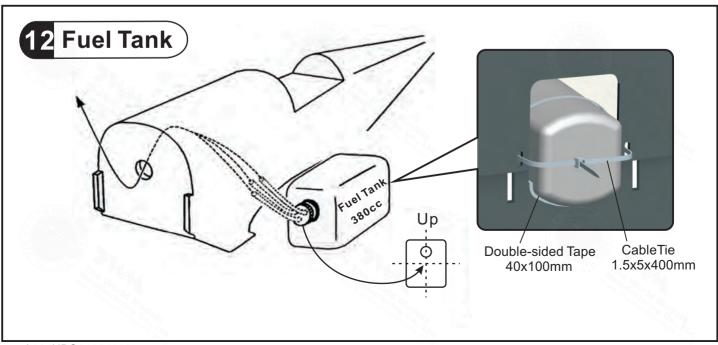


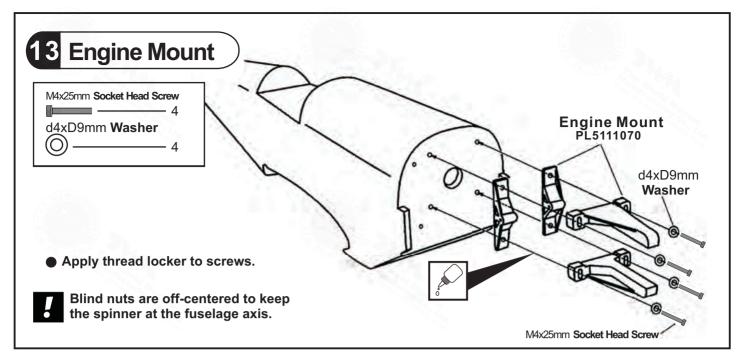


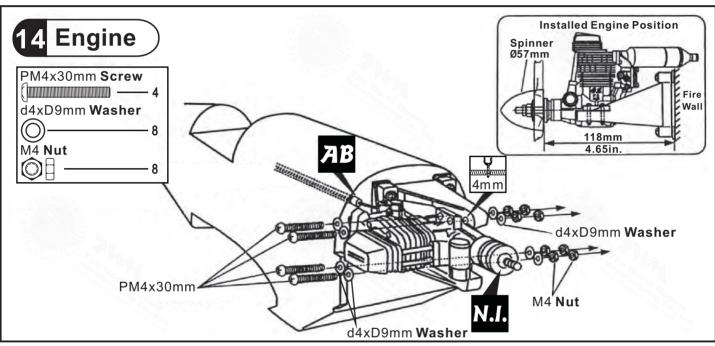


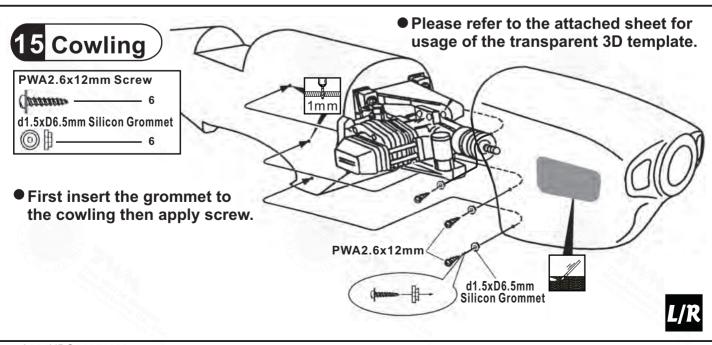


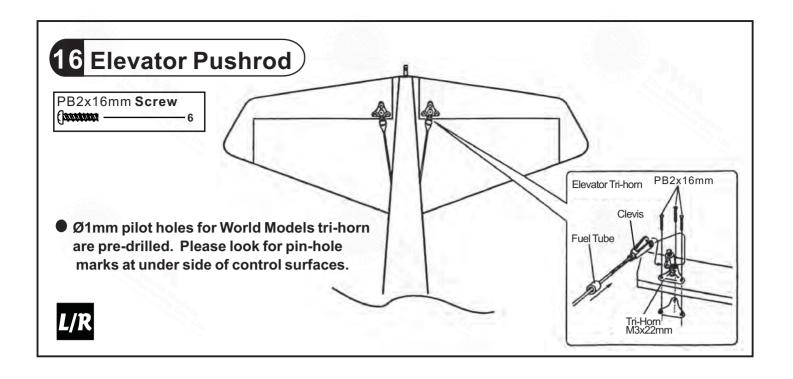


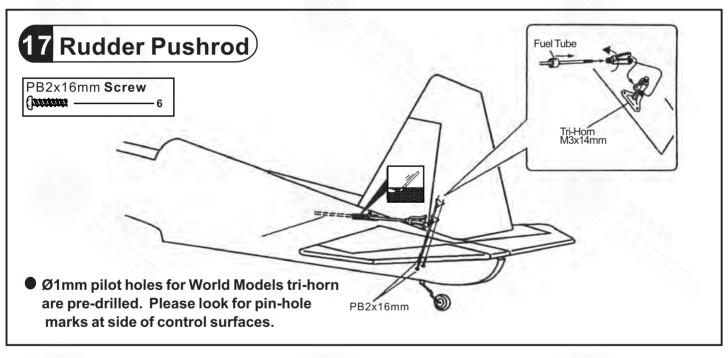


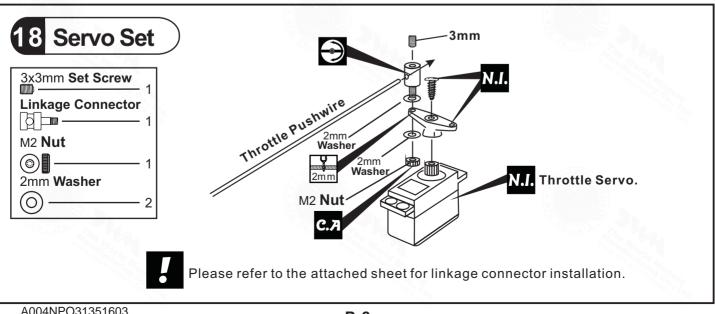


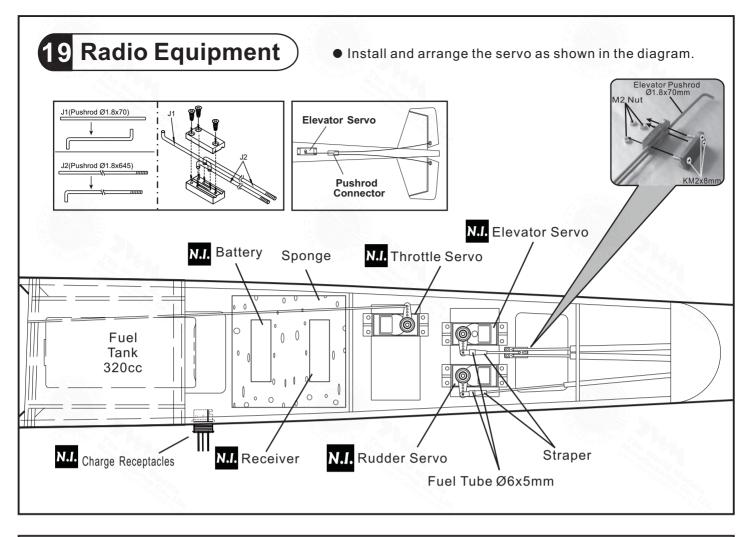


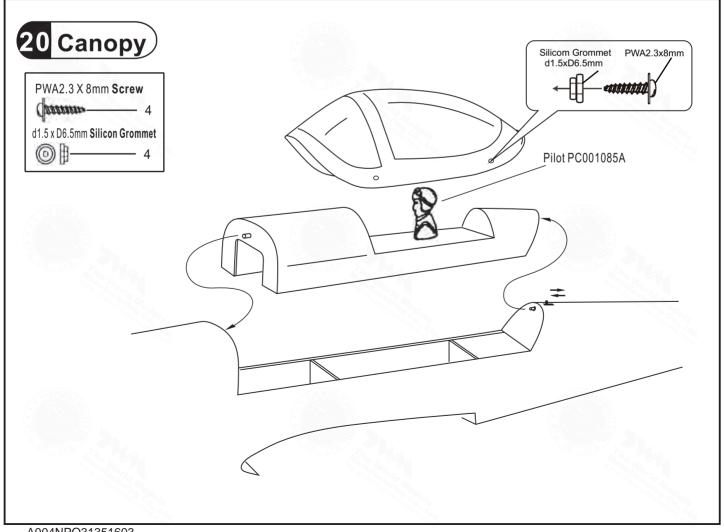


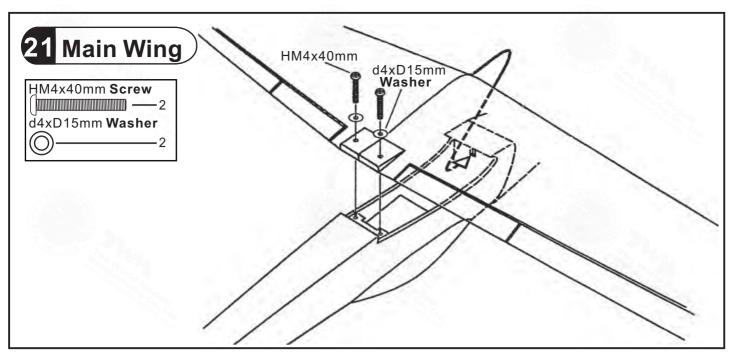


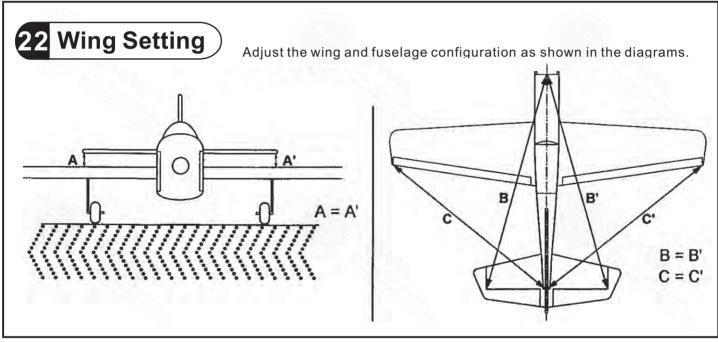


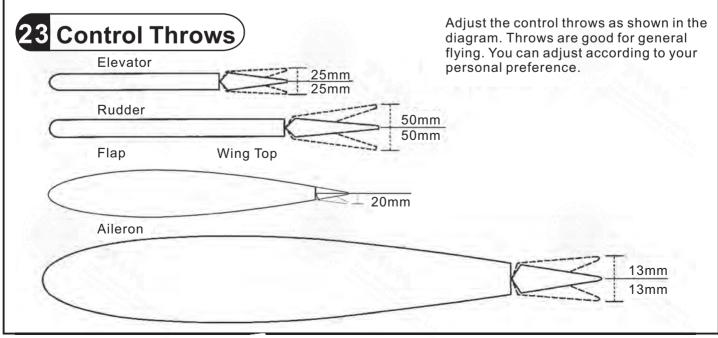


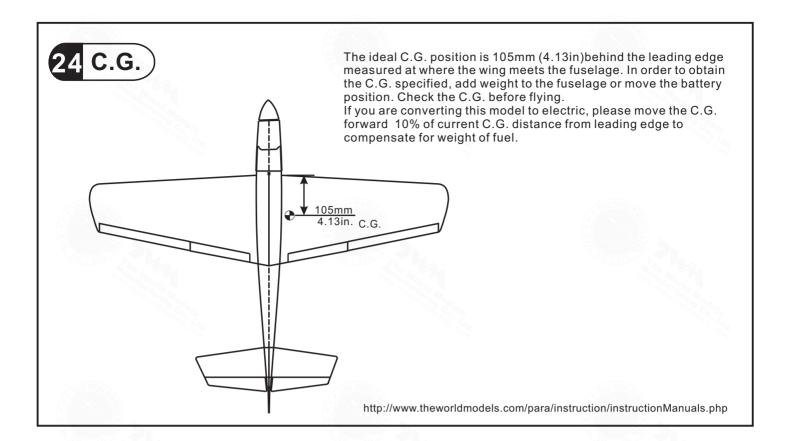












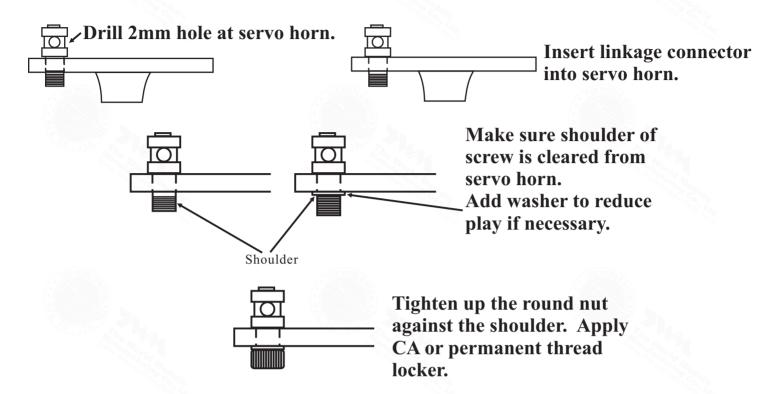


Important Safety Precautions

- # 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.
- #Super Chipmank-90 RF is specially designed to be powered by 2C 0.60-0.75 or 4C 0.91 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. Don't use hot iron near the seams or edges, hot iron will melt the glue and shrink the covering at the same time, causing the seams to pull away.
- # Check and re-tighten up all factory assembled screws, use thread locker if necessary.

LINKAGE CONNECTOR

HW7111050 & HW7111060



After fastening the round nut, make sure that the linkage connector can rotate freely.

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:	AL WOO	
2.Address:		
3.Phone #:	e-mail:	
4.Model:		
Wing QC#Fus (QC numbers are stamped	selage QC# on wing and fuselage)	
5.Date of Purchase:	AND THE RESERVE OF THE PARTY OF	
6.Store Name:		

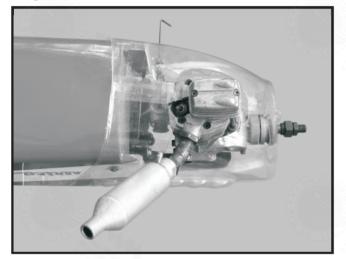
Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.

Usage of the transparent 3D template



This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.

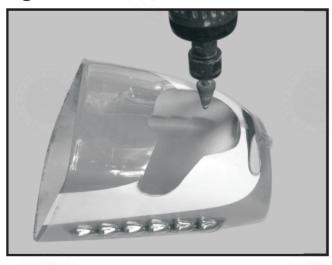
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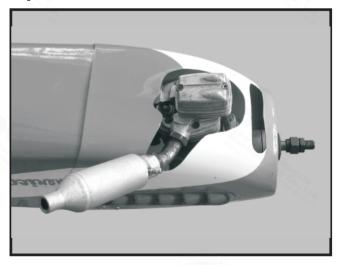
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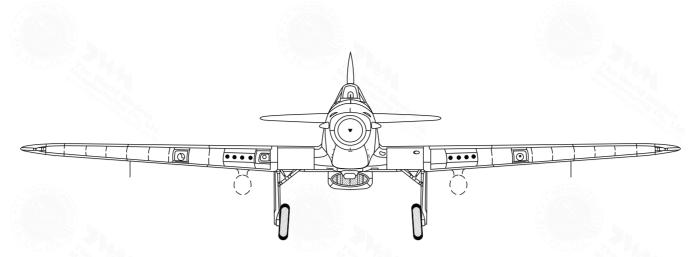
3



4



Simply cut the transparent 3D template to fit your engine and exhaust pipe, then slide onto the actual cowling and use as template to mark the openings required for final cutting.



Ducted Fan

Pattern

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer

Boat

Accessories

Covering

(Lightex / Toughlon)

