SUPER SPORTS 40S



0.40-0.55 cu. in. displacement 2-stroke 0.52-0.56 cu. in. displacement 4-stroke Requires: 4-channel radio w/ 4 standard servos

Specifications

Wing Span 56.5 in / 1440 mm

Wing Area 574 sq in / 37.0 sq dm

Flying Weight 5.5 lbs / 2500 g

Fuselage Length 48.0 in / 1220 mm

Warning! This model is not a toy.

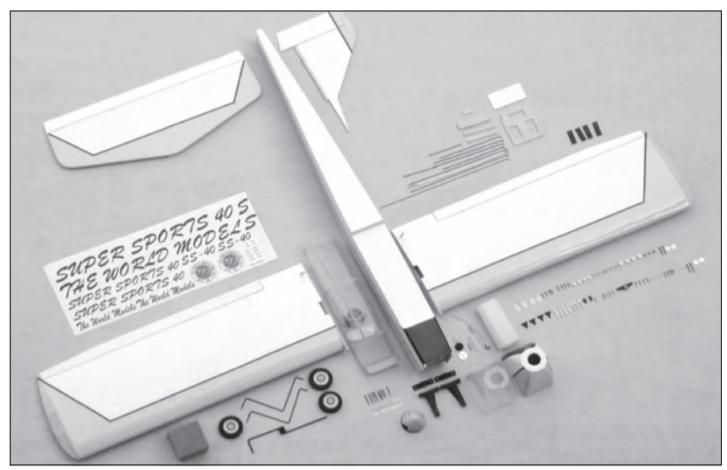
It is designed for maximum performance. Please seek advice if one is not familiar with this kind of electric powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick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



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

SUPER SPORTS 40S

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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.					
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:-					
AB	Apply epoxy glue.	Apply instant glue (C.A.glue, super glue.)			
	Apply thread locker	N.I. Must be purchased sepa	rately!		
L/R	Assemble left and right sides the same way.	Ensure smooth non-bind movement while assemb			
	Peel off shaded portion covering film.	Cut off shaded portion.			
3mm	Drill holes with the specified diameter (here: 3mm).	Pierce the shaded portion covering film.	on		
!	Pay close attention here!	Warning! Do not over	erlook this symbol!		



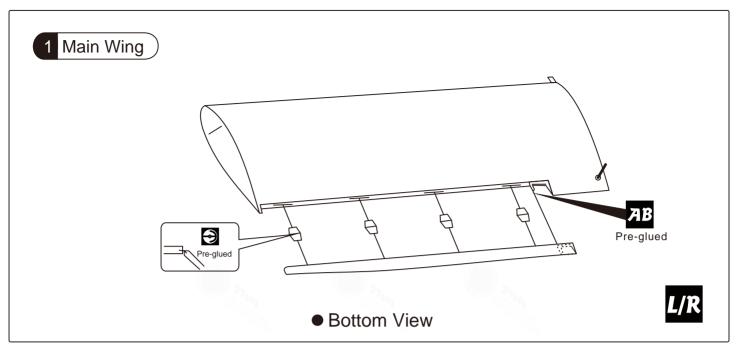
Parts List

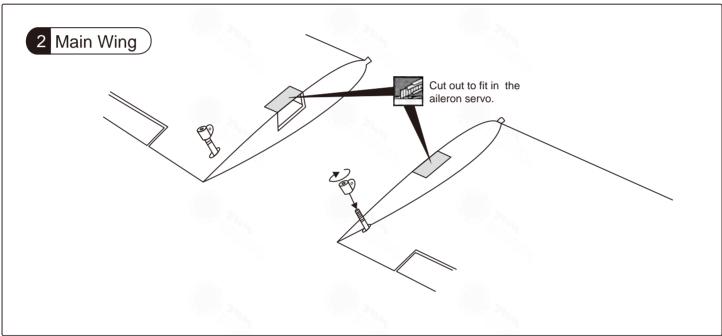
- 1. MAIN WING -- 1 pair
- 2. RING Ø2.3mm (For Aileron) -- 2 pcs
- 3. WING JOINER 6x16x84mm -- 1 pc.
- 4. PLYWOOD 3x45x90mm (Wing Protection) -- 1 pc.
- 5. PLYWOOD 3x10x25mm (For Aileron Servo) -- 1 pc.
- 6. FUEL TUBE Ø6x5mm -- 4 pcs STRAPER -- 2 pcs CLEVIS -- 2 pcs PUSHROD Ø1.8x100mm w/ Threads (For Aileron Servo) -- 2 pcs
- 7. MOUNTING PLATE 12x20mm -- 4 pcs SCREW PA3x12mm -- 8 pcs MAIN LANDING GEAR -- 1 set
- MAIN WHEEL Ø58mm -- 2 pcs COLLAR Ø3.1mm w/ set screw -- 4 sets
- 9. FUSELAGE -- 1 pc. STABILIZER & ELEVATOR -- 1 set SCREW PM3x22mm -- 1 pc. SCREW PM3x25mm -- 1 pc. WASHER d3xD12mm -- 2 pcs
- 10. VERTICAL FIN & RUDDER -- 1 set
- 11. FUEL TANK 320cc -- 1 set
 CABLE TIE(For Fuel Tank) 1.5x5x400mm -- 1 pc.
 DOUBLE-SIDED TAPE 40x100mm -- 1 pc.
- 12. SOCKET HEAD SCREW M3x25mm -- 4 pcs WASHER d3xD7mm -- 4 pcs ENGINE MOUNT PL5111030 -- 1 set
- 13. FRONT LANDING GEAR -- 1 set COLLAR Ø4.1mm w/ set screw -- 4 sets WHEEL Ø58mm -- 1 pc. STEERING ARM Ø4.1mm -- 1 set
- 14. SOCKET HEAD SCREW M3x25mm -- 4 pcs WASHER d3xD7mm -- 8 pcs M3 NUT -- 8 pcs SPINNER Ø57mm -- 1 set THROTTLE PUSHWIRE Ø1.2x365mm -- 1 pc. PLASTIC TUBE d2xD3x235mm -- 1 set

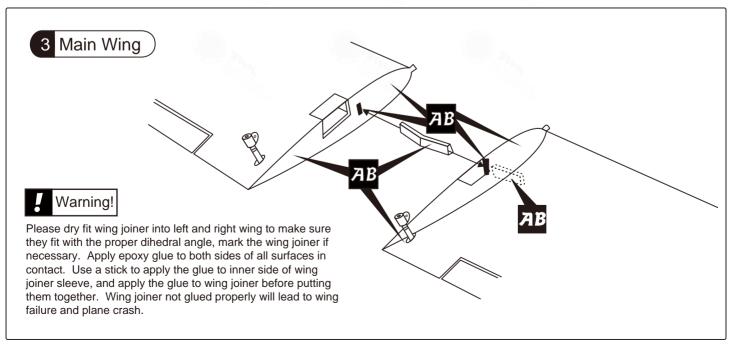
SCREW PWA2.6x12mm -- 4 pcs SILICON GROMMET d1.5x6.5mm (For Cowling) -- 4 pcs COWLING -- 1 pc. TRANSPARENT 3D TEMPLATE -- 1 pc.

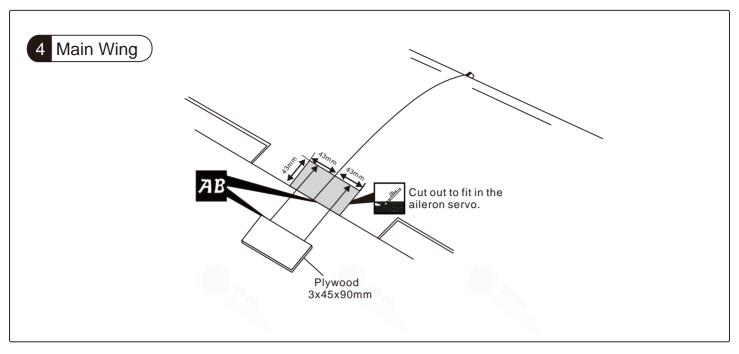
- 15. SCREW PB2x12mm -- 3 pcs
 TRI-HORN M3x22mm (S) -- 1 set
 CLEVIS -- 1 pc.
 FUEL TUBE Ø6x5mm -- 1 pc.
 PUSHROD Ø1.8x745mm w/ Threads (For Rudder Servo) -- 1 pc.
- 16. SCREW PB2x14mm -- 3 pcs
 TRI-HORN M3x22mm (S) -- 1 set
 CLEVIS -- 1 pc.
 FUEL TUBE Ø6x5mm -- 1 pc.
 PUSHROD Ø1.8x745mm w/ Threads (For Elevator Servo) -- 1 pc.
- 17. LINKAGE CONNECTOR Ø2.1mm -- 2 sets
- 18. FUEL TUBE Ø6x5mm -- 2 pcs STRAPER -- 2 pcs PUSHROD Ø1.6x330mm (For Front Landing Gear) -- 1 pc. PLASTIC TUBE d2xD3x235mm -- 1 pc. BALSA 6x6x95mm (For Fuselage Servos Stand) -- 2 pcs PLYWOOD 3x82x95mm (For Fuselage Servos) -- 1 pc. SPONGE 60x70x75mm (For Radio Equipment) -- 1 pc. CHARGE RECEPTACLES KP0041300 -- 1 pc.
- 19. SCREW PWA2.3x8mm -- 6 pcs CANOPY -- 1 pc. SILICON GROMMET d1.5xD6.5mm (For Canopy) -- 6 pcs PILOT 063A(063B) -- 1 set DOUBLE-SIDED TAPE 8x1000mm -- 1 pc.
- SOCKET HEAD SCREW M3x22mm -- 2 pcs WASHER d3xD12mm -- 2 pcs
- 21. DECALS A049SDEC -- 1 set
- COVERING:--

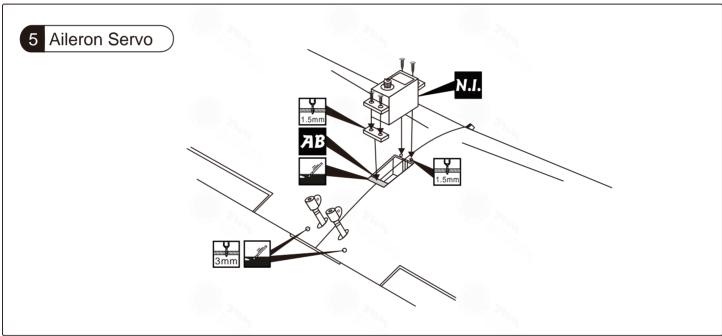
LIGHTEX SGX 100 WHITE LIGHTEX SGX 311 FERRARI RED LIGHTEX SGX 251 SKY BLUE LIGHTEX SGX 350 CORSAIR BLUE

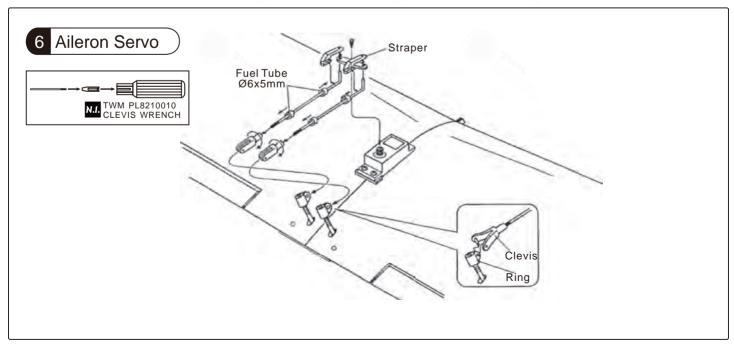


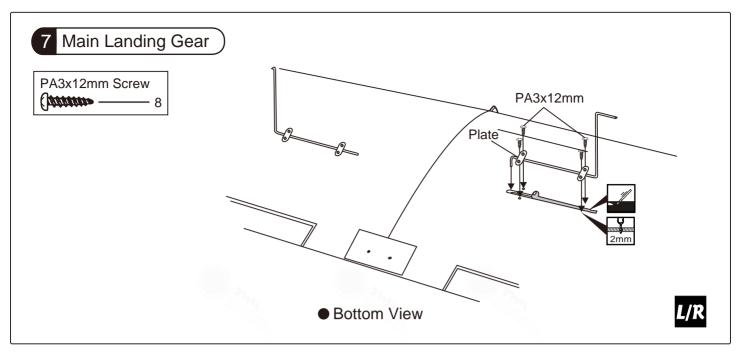


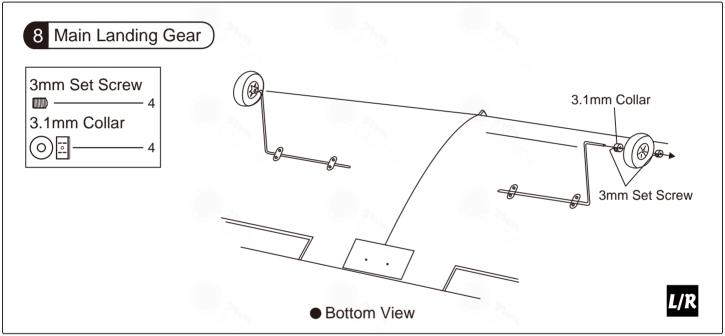


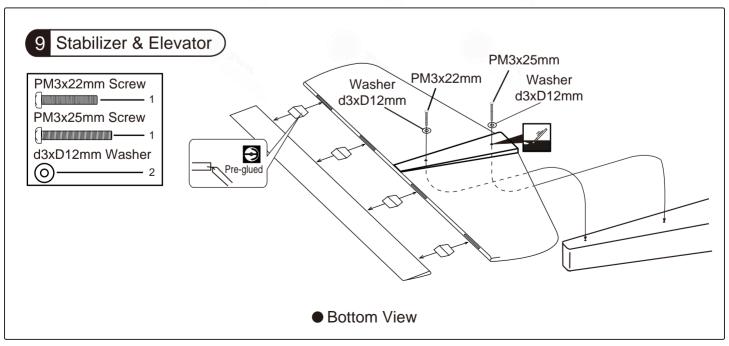


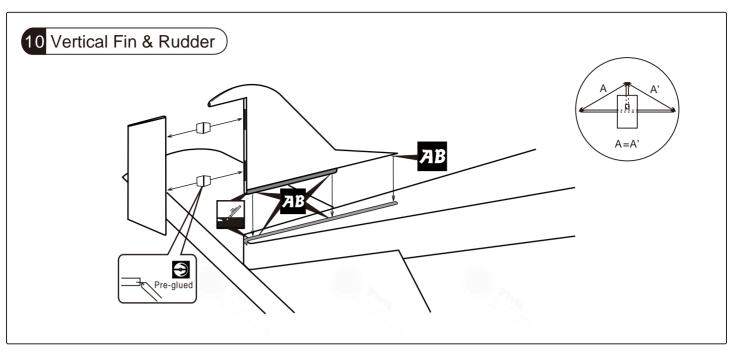


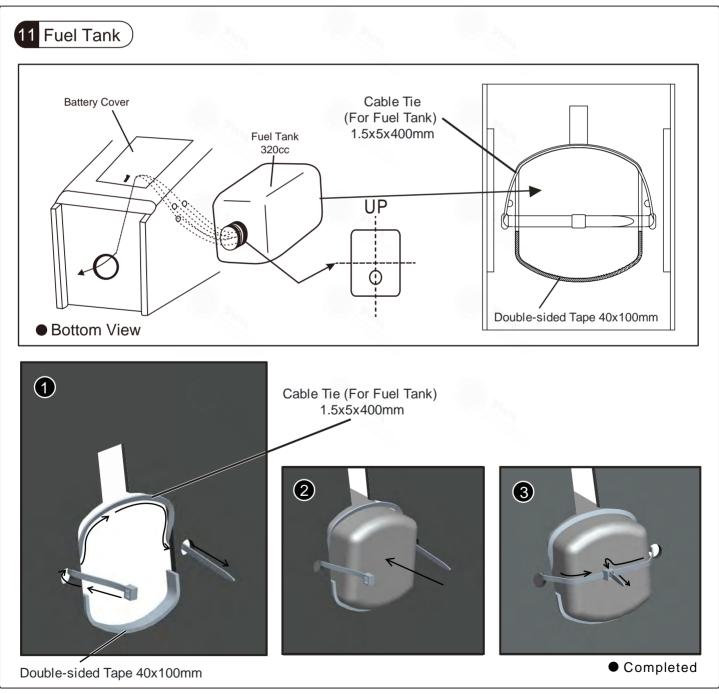


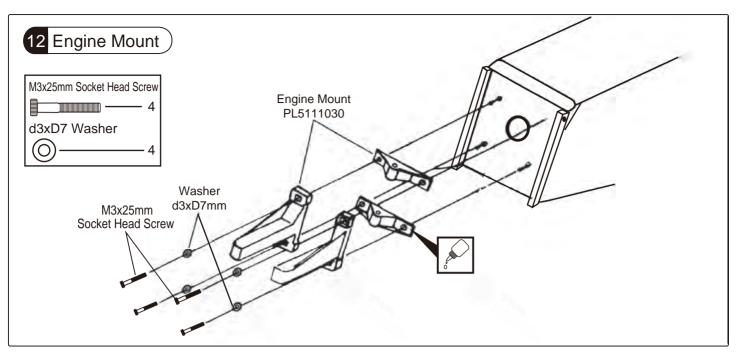


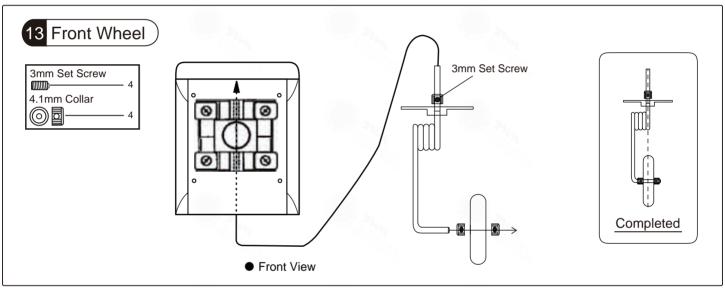


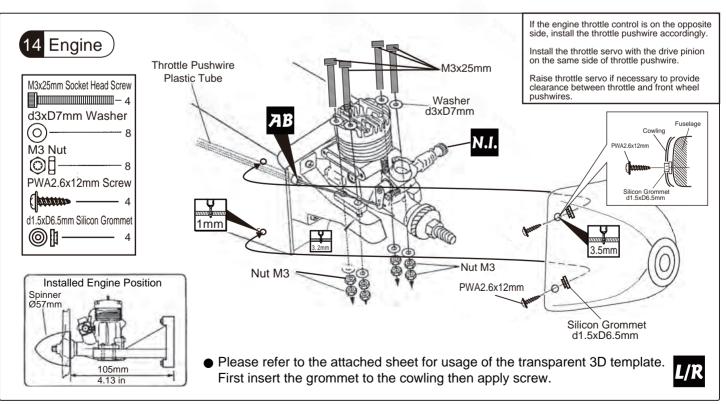


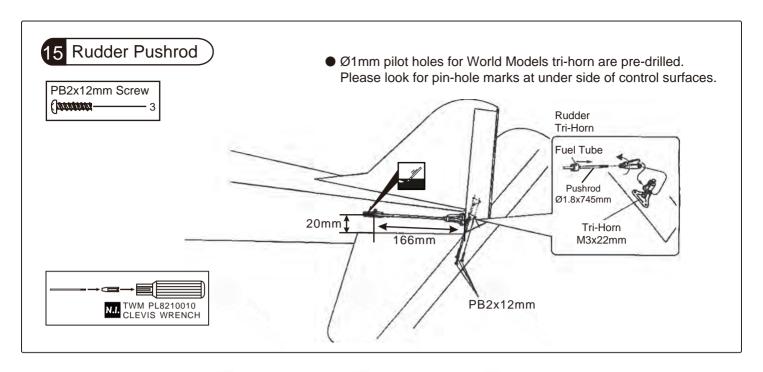


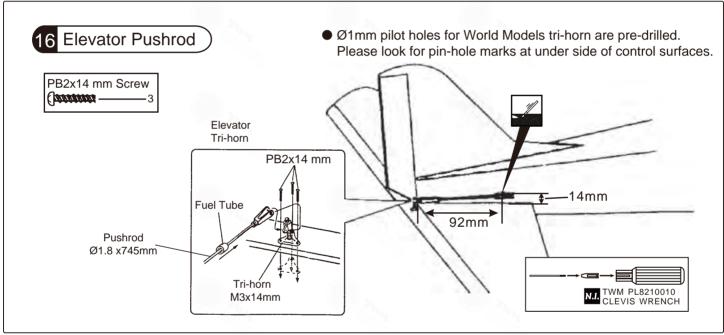


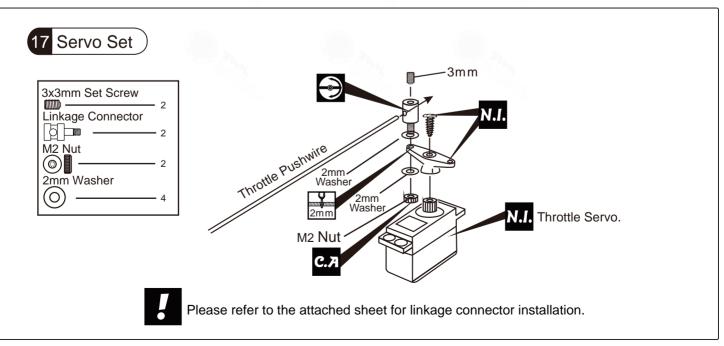


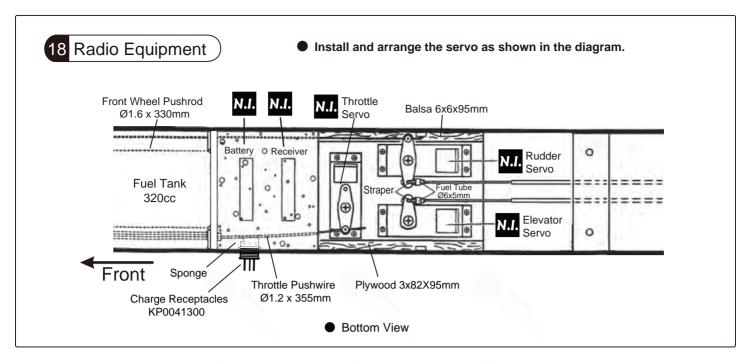


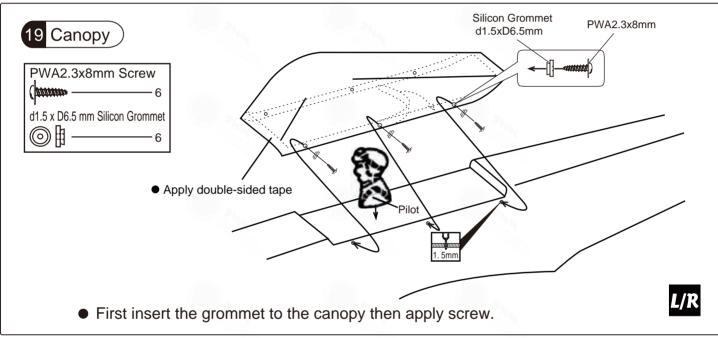


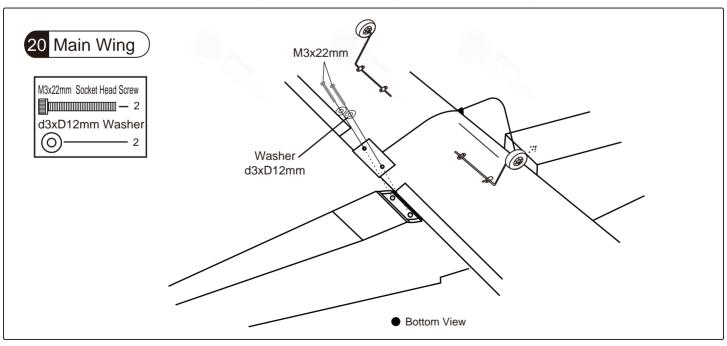


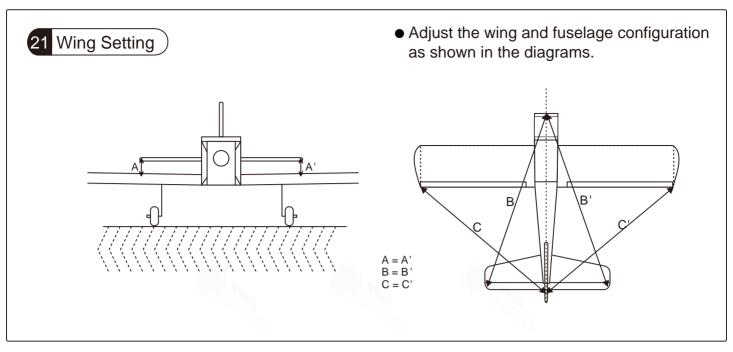


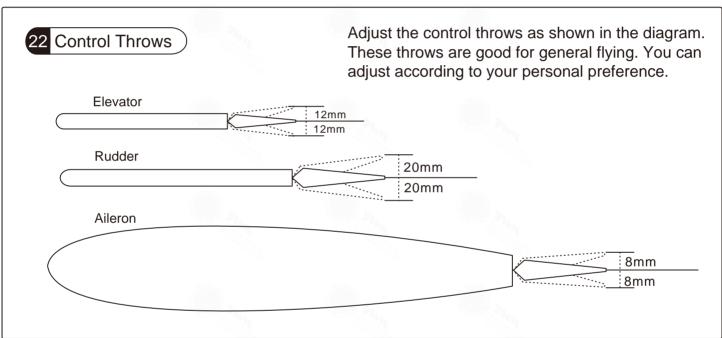


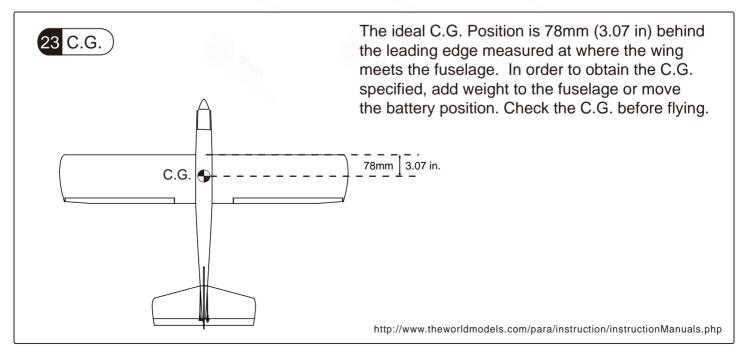












Warning!

Important Safety Precautions

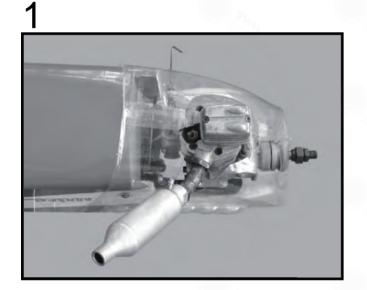
- # First time flyer should never fly by himself / herself. Assistance from experienced flyer is absolutely necessary.
- # Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly pre -adjusted aircraft.
- # SUPER SPORTS 40S is specially designed to be powered by 2C 0.40 0.55 or 4C 0.52-0.56 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.

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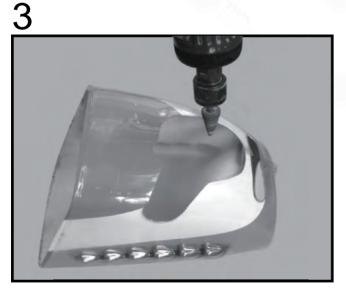
Usage of the transparent 3D template

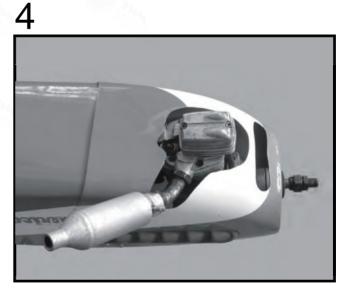


This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.





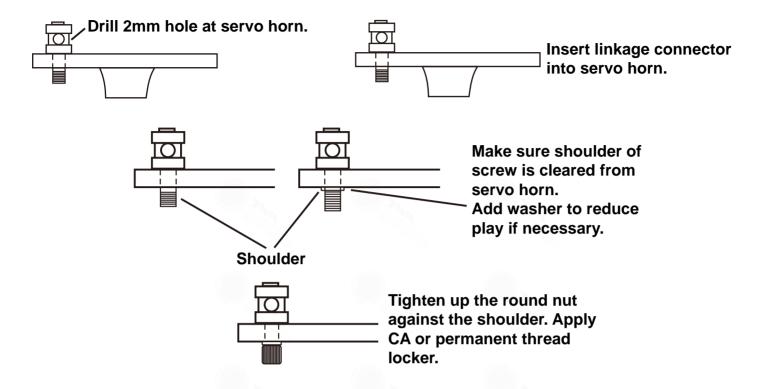




Simply cut the transparent 3D template to fit your engine and exhaust pipe, then slide onto the actual cowling and use as template to mark the openings required for final cutting.

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:					
2. Address:					
3. Phone #:		E-mail:			
4. Model:					
Wing QC# Fuselage QC# (QC numbers are stamped on wing and fuselage)					
5. Date of Purchase	:				
6. Store Name:					

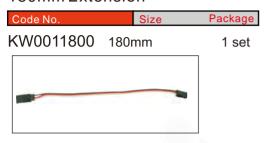
Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.

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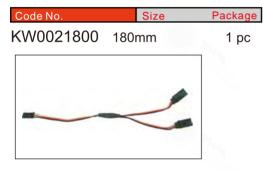
Optional Parts

(ACCESSORIES)

180mm Extension



180mm Y-Cord



Charge Receptacles



KP0041300



Field Stand

Code No. Size Package

MS9111430 600 x 240 x 310mm 1 pc



Fuel Filter



Clevis Wrench



Special tool for clevis installation. Suitable for standard and small (EP)clevis.

Standard Servo

Code No SV/4031

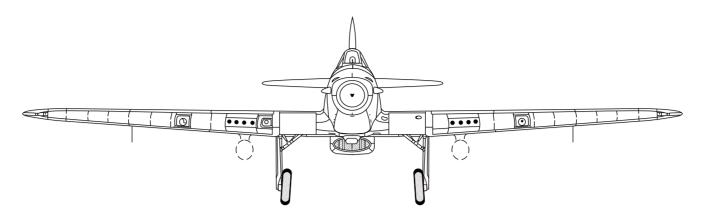


Speed: 0.17 sec / 60° @4.8V 0.14 sec / 60° @6.0V

Torque: 3.2kg.cm / 44.8 oz - in @4.8V 4.1kg.cm / 57.4 oz - in @6.0V

Size : 40.6 x 20 x 37mm /

1.60 x 0.79 x 1.46 in Weight : 39.4 g / 1.39 oz



Ducted Fan

Pattern

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer

Boat

Accessories

Covering

(Lightex / Toughlon)

