Extra 300S-160R



1.60 cu.in. displacement 2 - stroke (glow) Requires: 4 - channel radio w/ 6 high torque servos

Specifications

Wing Span
Wing Area
Flying Weight
Fuselage Length

80.5 in /2040mm 1175sq in / 75.5sq dm 14.0 lb / 6380g

71.0 in / 1800mm

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.*

Extra 300S-160R

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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!



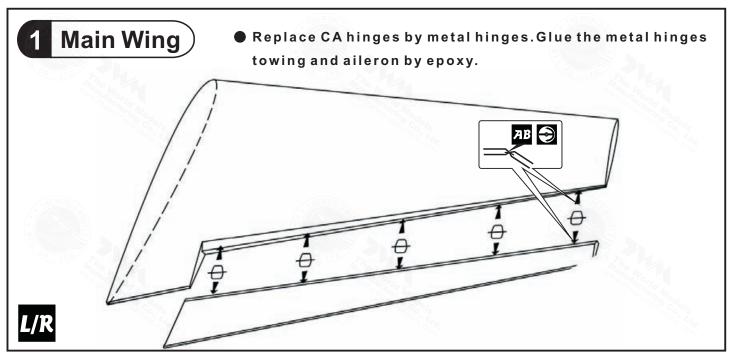
Parts List

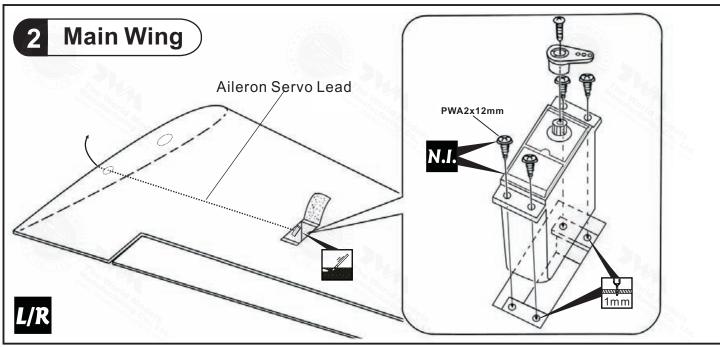
- 1. MAIN WING -- 1 pair METAL HINGES -- 10 pcs
- 3. PUSHROD Ø1.8x135mm w/Threads (For Aileron) -- 2 pcs CLEVIS PL4112103 -- 2 pcs FUEL TUBE Ø6x5mm -- 4 pcs STRAPER PL4112102 -- 2 pcs TRI-HORN M3x14mm(L) -- 2 pcs SCREW PB2x22mm -- 2 pcs SCREW PB2x22mm -- 4 pcs
- 4. FUSELAGE -- 1 pc. ENGINE BOX -- 1 set M6 BIND NUT -- 4 pcs
- 5. UPPER PLATE (F21A) -- 1 pc. HARD WOOD (F21B) -- 1 pc. HARD WOOD (F22) -- 2 pcs HARD WOOD (F23) -- 2 pcs HARD WOOD (F51) -- 2 pcs
- 6. ENGINE MOUNT PL5911120 -- 1 set WASHER d6xD15mm -- 4 pcs SOCK HEAD SCREW M6x30mm -- 4 pcs
- 7. FUEL TANK 800cc -- 1 set CABLE TIE (For Fuel Tank) 1.5x8x500mm -- 1 pc. DOUBLE-SIDED TAPE 40x160mm -- 1 pc.
- 8. ANTI- VIBRATION MOUNT 4C-120 -- 1 set
 INCLUDE: SOCKET HEAD SCREW M4x35mm -- 4 pcs
 SCREW KM3x20mm -- 8 pcs
 WASHER d4xD12mm -- 8 pcs
 M3 NYLON INSERT LOCK NUT -- 8 pcs
 M4 NYLON INSERT LOCK NUT -- 4 pcs

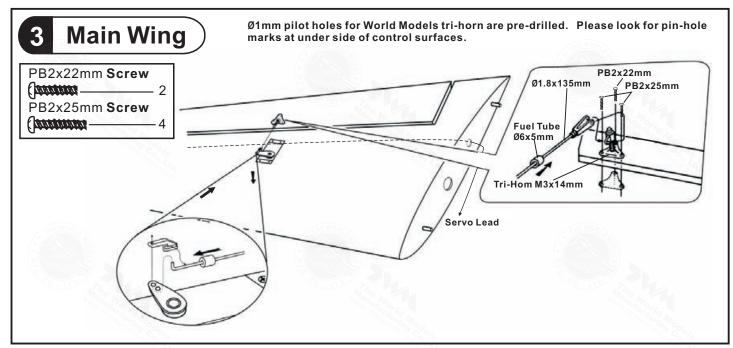
ALUMINIUM PLATE -- 1 pc. SPINNER Ø89mm -- 1 set

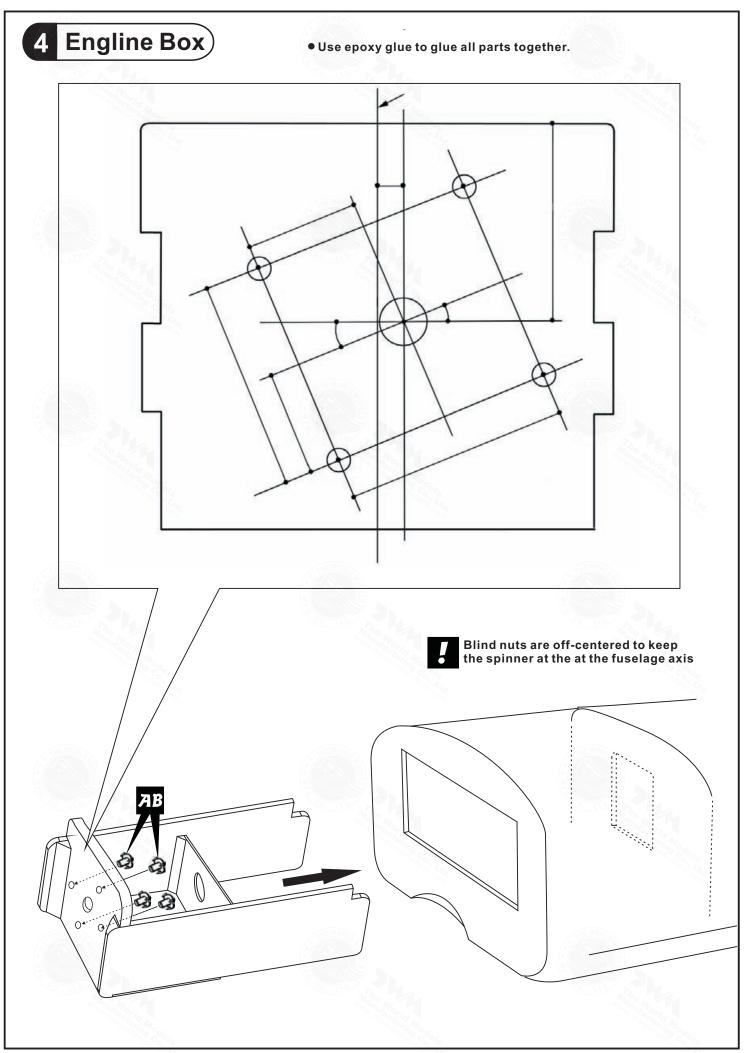
- 10. STABILIZER & ELEVATOR -- 1 set METAL HINGES -- 6 pcs STABILIZER TUBE Ø9.5x288mm -- 1 pc. WASHER d3xD7mm -- 2 pcs SCREW PA3x12mm -- 2 pcs
- 11. VERTICAL FIN & RUDDER -- 1 set METAL HINGES -- 3 pcs
- 12. TAIL LANDING GEAR -- 1 set TAIL WHEEL Ø30mm -- 1 pc. COLLAR 2.6mm w/set screw -- 1 set SCREW PA3x12mm -- 2 pcs
- 13. LINKAGE CONNECTOR 2.1mm -- 1 set
 PUSHWIRE Ø1.2x410mm
 PLASTIC TUBE d2xD3x170mm -- 1 set
 BALSA7x7x67mm(For Throttle Servo Stand) (F54A) -- 2 pcs
 PLYWOOD 3 x47x67mm (For Throttle Servo) (F54) -- 1 pc.
- 14. WIRE Ø1x890mm (For Rudder) -- 2 pcs COPPER TUBE d2.5xD3x8mm (For Rudder) -- 2 pcs RIGGING Z BEND Ø1.8x27mm (For Rudder) -- 2 pcs PLYWOOD 9x58x183.6mm (For Rudder Servo) -- 1 pc. BALSA 8x8x57mm (For Rudder Servo Stand) (F27) -- 2 pcs SPONGE 60x70x195 -- 1 pc.

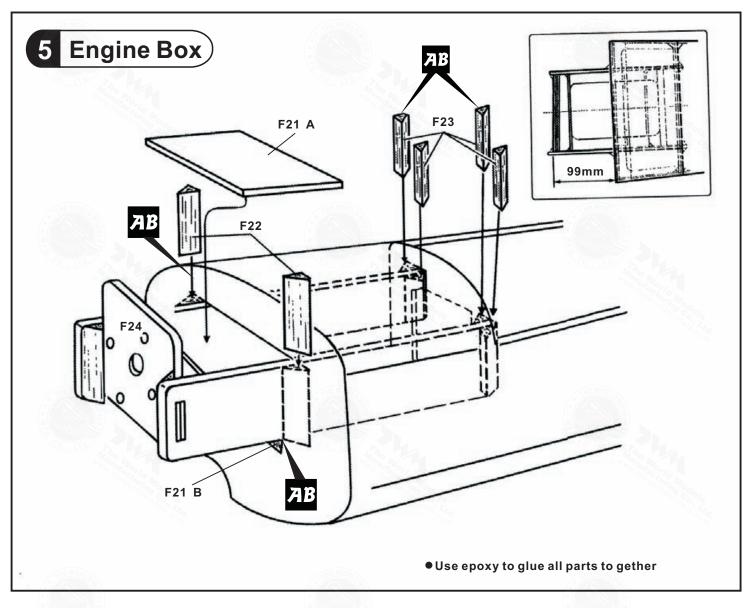
- 15. TRI-HORN M3x14mm(L) (w/o-Base For Rudder) -- 2 sets SCREW PM2x30mm -- 3 pcs M2 NUT -- 3 pcs CLEVIS PL4112103 -- 2 pcs RIGGING COUPLER Ø1.8x27mm w/Threads (For Rudder) -- 2 pcs FUEL TUBE Ø6x5mm -- 2 pcs COPPER TUBEd2.5xD3x8mm -- 2 pcs
- 16. PUSHROD Ø1.8x145mm w/Threads (For Elevator) -- 2 pcs STRAPER PL4112102 -- 2 pcs FUEL TUBE Ø6x5mm -- 4 pcs TRI-HORN M3x14mm(L) -- 2 sets SCREW PB2x30mm -- 6 pcs CLEVIS PL4112103 -- 2 pcs
- 17. MAIN LANDING GEAR -- 1 set SCREW HM4x16mm -- 4 pcs SCREW PWA2.3x8mm -- 8 pcs MAIN LANDING GEAR COVER -- 1 pair
- 18. AXLE SHAFT Ø4x66mm (For Main Landing Gear) -- 2 pcs
 MAIN WHEEL Ø90mm -- 2 pcs
 WHEEL PANTS -- 1 pair
 WHEEL PANT DECORATIVE COVER -- 1 pair
 COLLAR 4.1mm w/set screw -- 4 pcs
 M8 NYLON INSERT LOCK NUT -- 2 pcs
 SCREW PWA2.3x8mm -- 8 pcs
 PLATE 1mm -- 1 pair
 SCREW PM3x12mm -- 4 pcs
- 19. WING TUBE Ø25x878mm -- 1 pc. SELF TIGHTENING WING LATCH 6mm w/ set screw -- 2 sets WIRE Ø0.8mm -- 2 pcs
- 20. COCKPIT -- 1 pc. SCREW HM3x22mm -- 2 pcs WASHER d3xD7mm -- 2 pcs
- 21. COWLING -- 1 pc.
 TRANSPARENT 3D TEMPLATE -- 1 pc.
 SILICON GROMMET d1.5xD6.5mm -- 6 pcs
 SCREW PWA3x12mm -- 6 pcs
- 22. CANOPY -- 1 pc.
 DASH PANELS AVAILABLE (1mm PEC PLATE) -- 1 pc.
 PILOT PC001102A -- 1 pc.
 DOUBLE-SIDED TAPE -- 1 pc.
 SILICON GROMMET d1.5xD6.5mm -- 8 pcs
 SCREW PWA2.3x8mm -- 8 pcs
- 23. ALLEN WRENCH -- 1 pc.
- 24. DECALS A120NDEC -- 1 set
 - OVERING:-TOUGHLON STL312 BRIGHT RED
 TOUGHLON STL100 WHITE
 TOUGHLON STL 201 BLACK
 TOUGHLON STL 202 GRAY

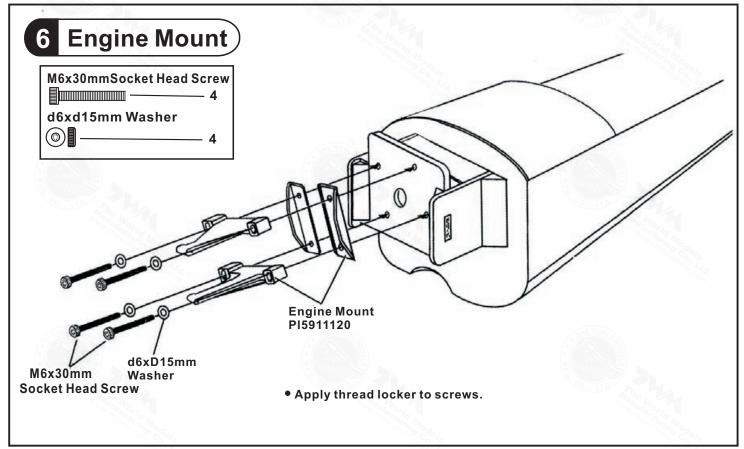


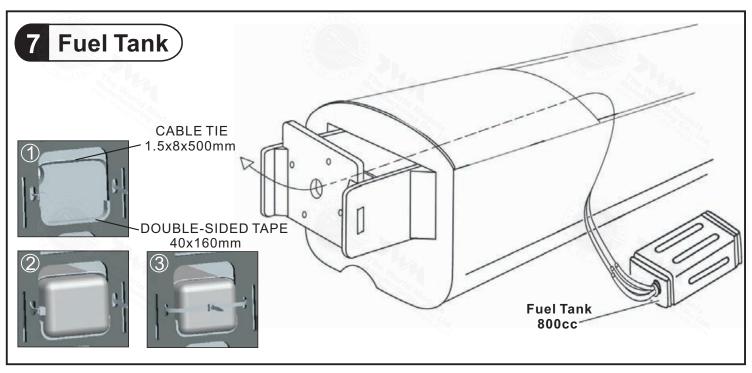


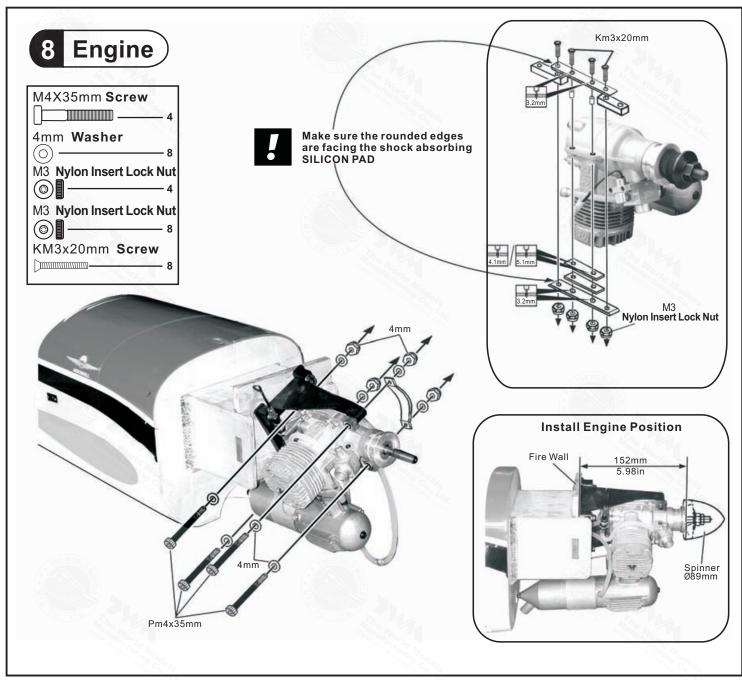


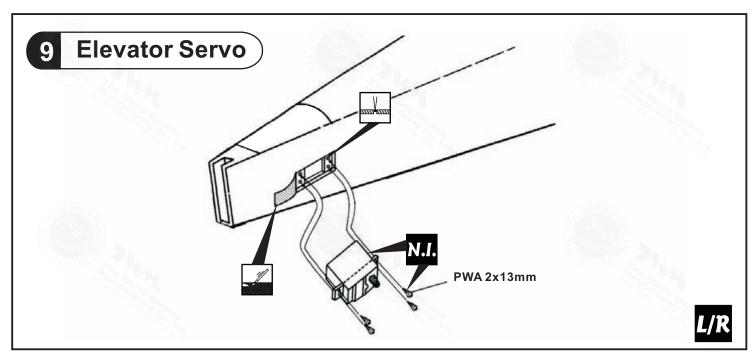


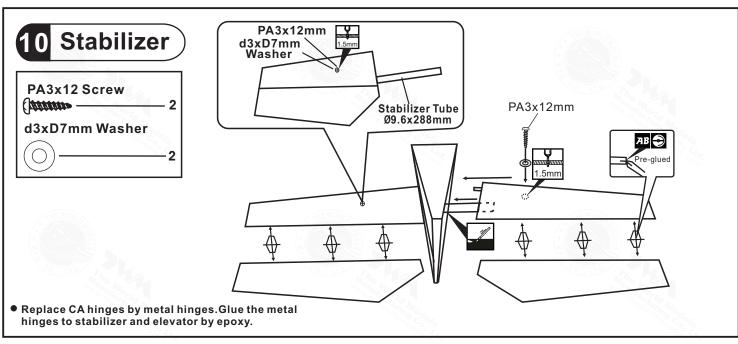


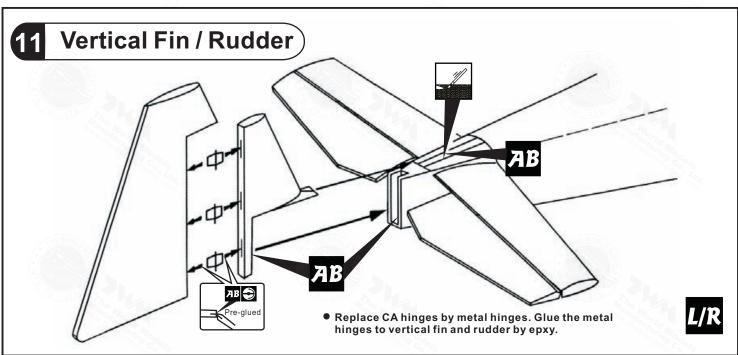


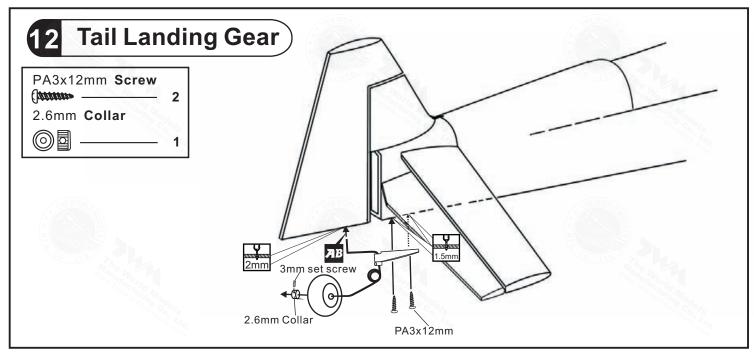


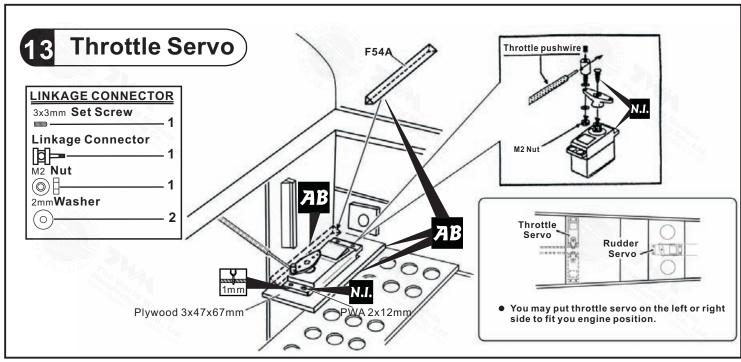


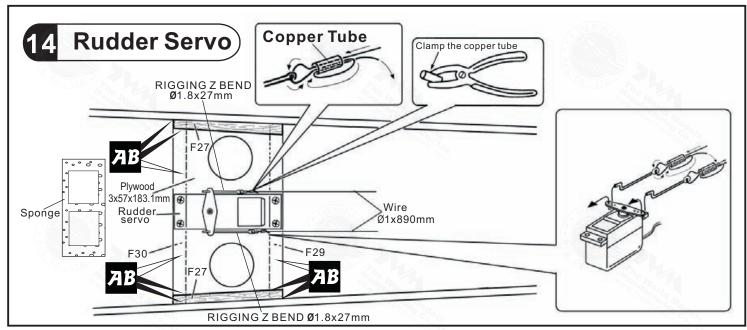


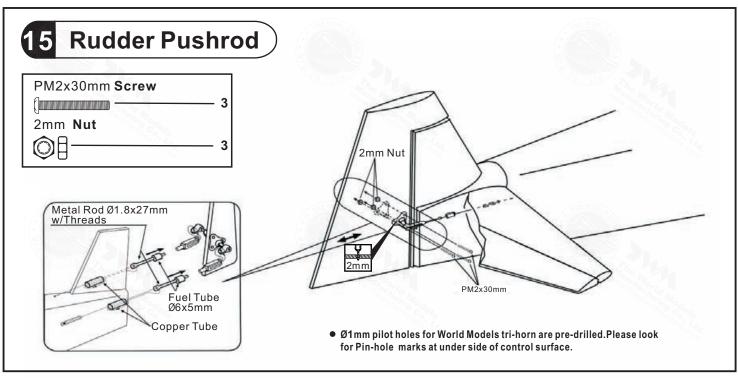


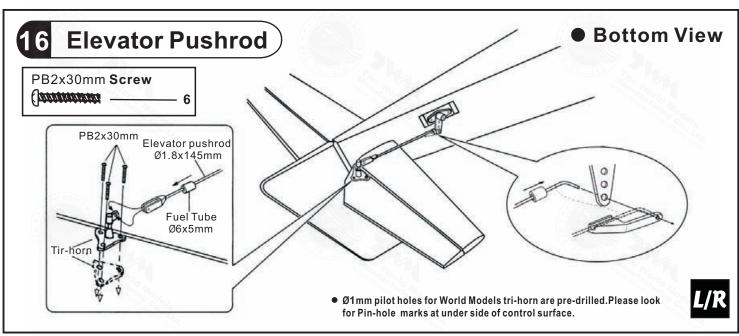


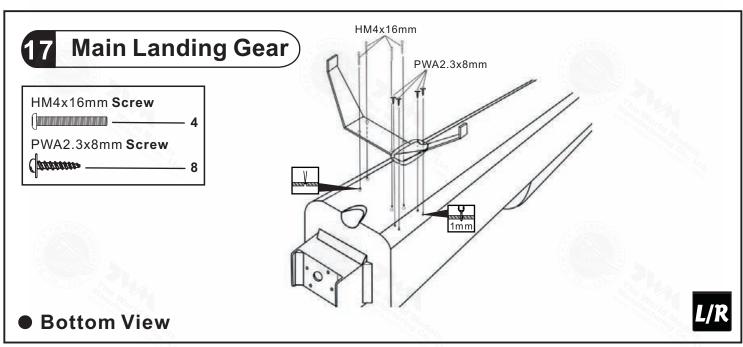






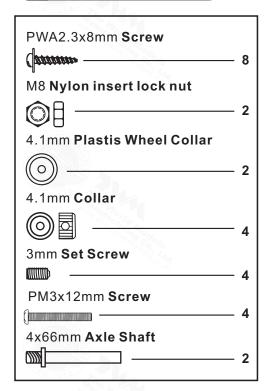


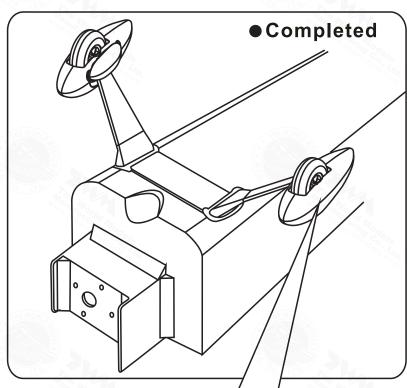


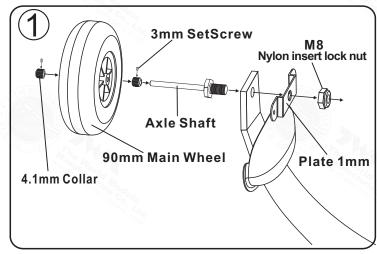


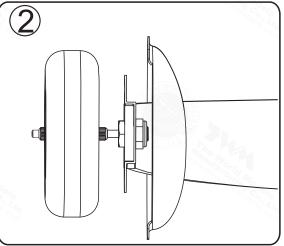
18 Landing Gear

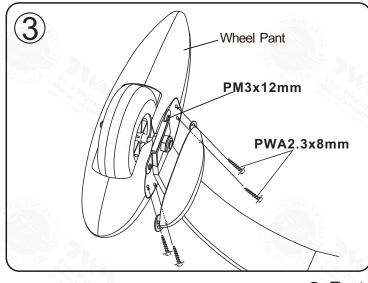


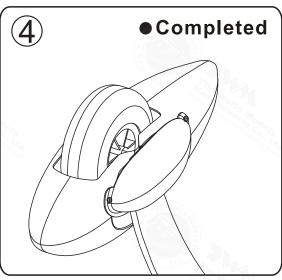




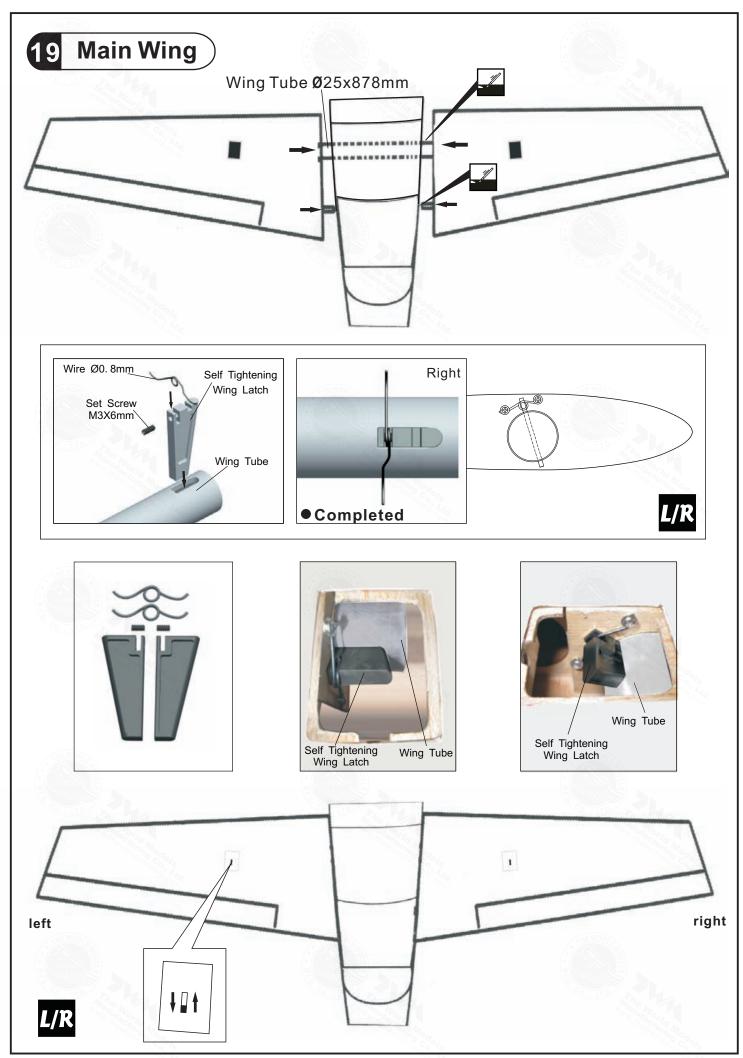




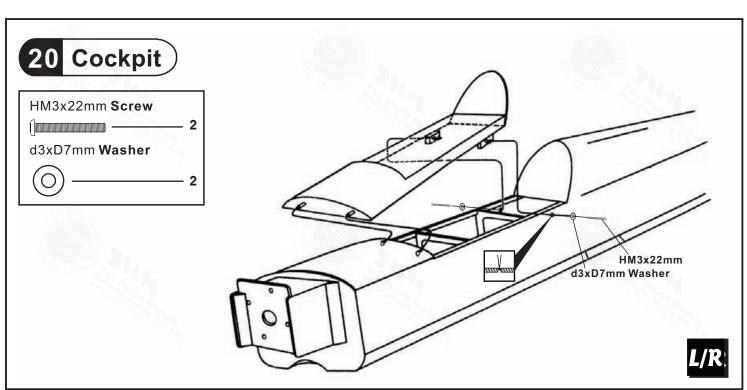


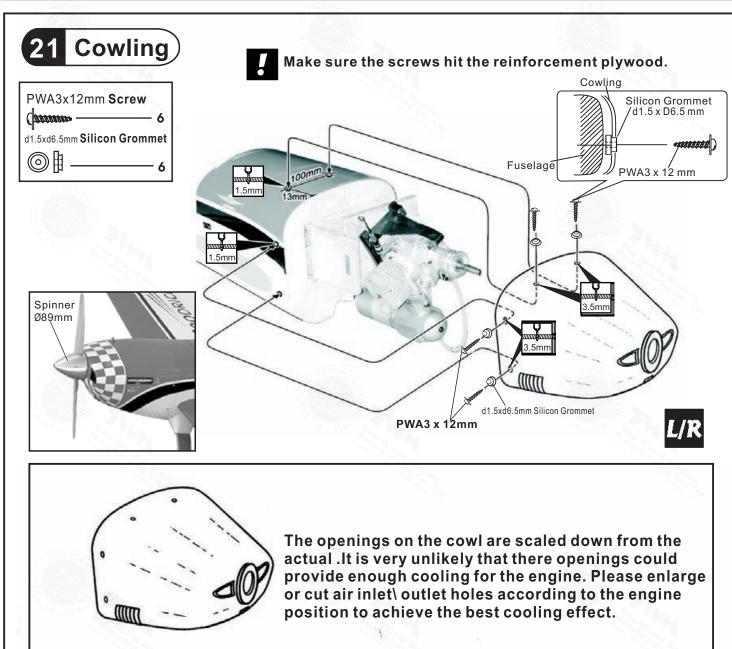


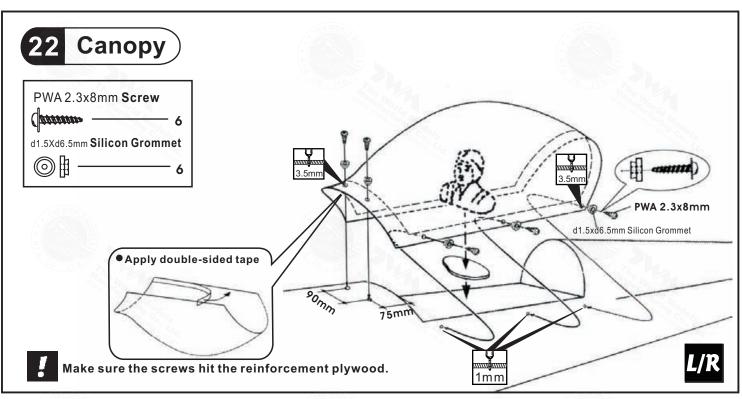
Bottom View

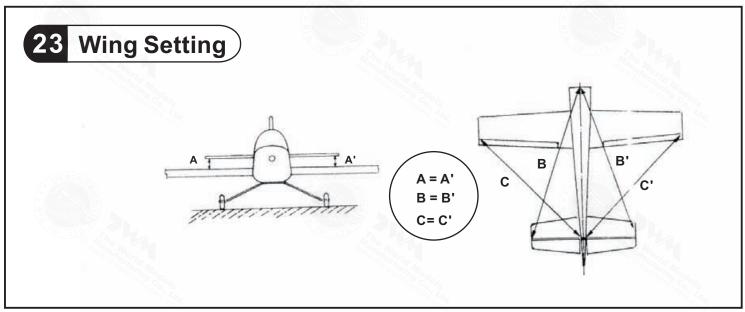


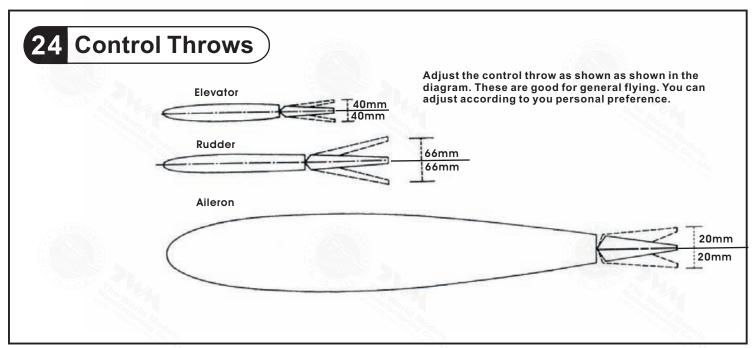
P.11

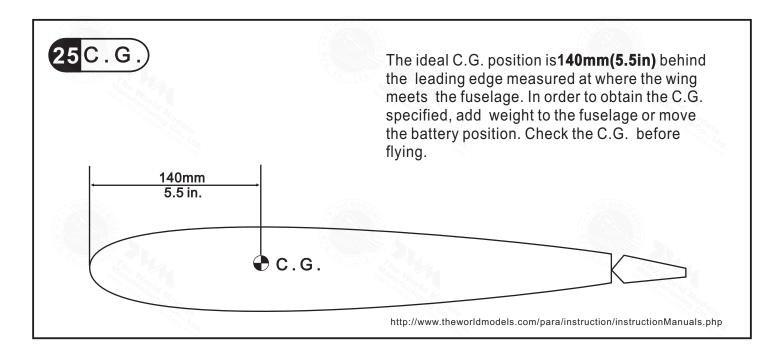














Important Safety Precautions

#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.

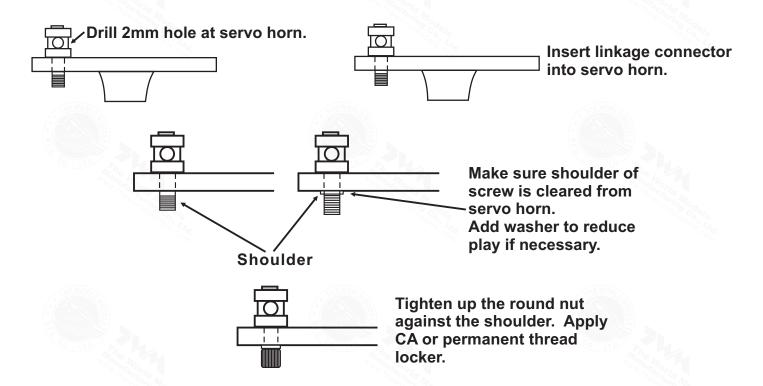
#Extra 300S-160R is specially designed to be powered by 1.60 2 stroke glow engine, using a more powerful engine does not mean better performance. In fact, over po wered engine may cause severe damage and injuries.

#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.

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.

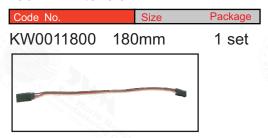
1. Name:	
2. Address:	
3. Phone #:	E-mail:
4. Model:	
Wing QC# Fu (QC numbers are stamped	selage QC# I on wing and fuselage)
5. Date of Purchase:	
6. Store Name:	

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

Optional Parts

(ACCESSORIES)

180mm Extension



180mm Y -Cord



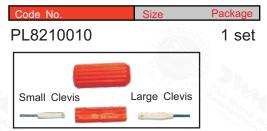
Charge Receptacles



KP0041300



Clevis Wrench

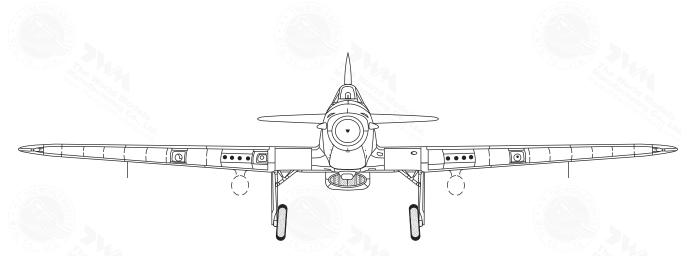


Special tool for clevis installation. Suitable for standard and small (EP) clevis.

Field Stand







Ducted Fan

Pattern

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer Boat

Accessories

Covering

(Lightex / Toughlon)

