1/4 SUPER CUB (A036)



Requires: 2-stroke 0.91 or 4-stroke 1.20-1.60 engine, 5-channel radio w/ 6 standard servos

Specifications

Wing Span
Wing Area
Flying Weight
Fuselage Length

104in / 2640mm

1586sq in / 102.3sq dm 14 lbs / 6300g

68 in / 1725mm

* 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 guick reference.



1/4 SUPER CUB

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BEFORE YOU BEGIN

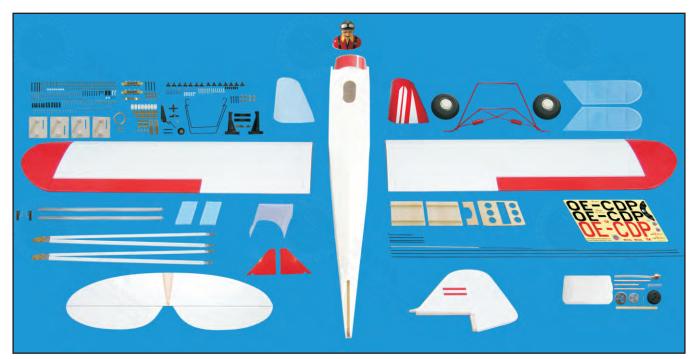
- Read through the manual before you begin, so you will have an overall idea of what to do.
- Check all parts. If you find any defective or missing parts contact your local dealer. Please DRY FIT and check for defects for all parts that will require CA or Epoxy for final assembly. Any parts you find 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.
- Symbols used throughout this instruction manual comprise of the following : -
 - AB Apply epoxy glue.
 - Property glue.

 C.A Apply instant glue (C.A.glue, super glue.)
 - Apply thread locker N.J. Must be purchased separately!
 - Assemble left and right sides the same way.

 Ensure smooth non-binding movement while assembling.
 - Peel off shaded portion covering film.

 Cut off shaded portion.
 - Drill holes with the specified diameter (here: 3mm).

 Pierce the shaded portion covering film.
 - Pay close attention here! Warning! Do not overlook this symbol!

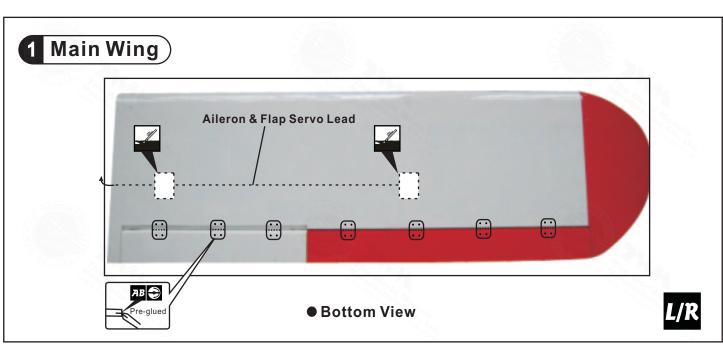


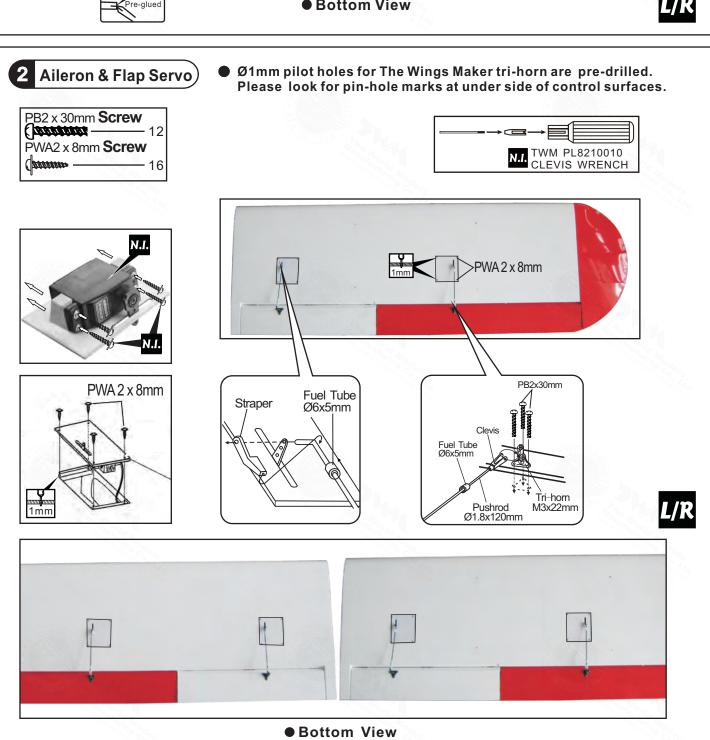
Parts List

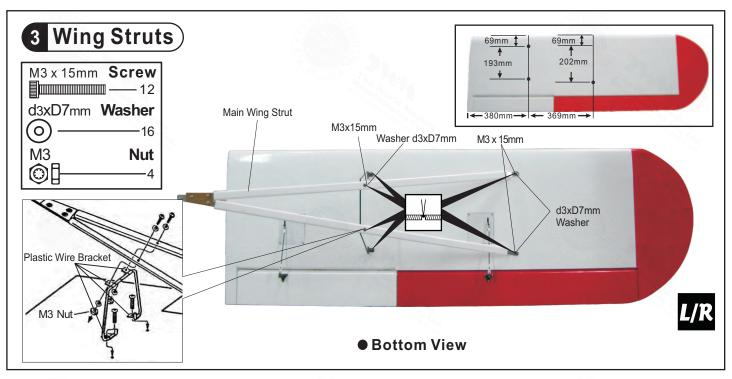
- 1.MAINWING -- 1 pair
- 2.PUSHROD Ø1.8x120mm
 w/ Threads(For Aileron & Flap Servo)--4pcs
 FUELTUBE Ø6x5mm--8pcs
 STRAPER PL4112102--4pcs
 SCREW PB2x30mm--12pcs
 SCREW PWA2x8mm--16 pcs
 SERVO MOUNTING PANEL--4pcs
 CLEVIS PL4112103--4pcs
 TRI-HORN M3x22mm(L) PL4111251--4 sets
- 3.SCREWPM3x15mm--12pcs
 WASHERd3xD7mm--16pcs
 M3NUT--4pcs
 MAINWINGSTRUTS--1set
 WINGSTRUTWIREØ3x143x208mm--2pcs
 PLASTICWIREBRACKETPL5330030 --8pcs
- 4.FUSELAGE--1pc. STABILZER&ELEVATOR--1set
- 5.VERTICALFIN&RUDDER--1set
- 6.TAIL GEAR ASSEMBLY 11-22LBS PL3410021--1 set PLATE(For Staying on Tail Fuselage Bottom) 1x10x40mm--1 pc
- 7.SCREW PM3x13mm--2 pcs ALUMINUM PLATE 2mm--2 pcs MAIN LANDING GEAR--1 set SCREW PA3x12mm--14 pcs WASHER d3xD7mm--2 pcs MOUNTING PLATE 12x20mm--6 pcs
- 8.SCREWPA1.7x8mm--6 pcs SCREWPM3x13mm--8 pcs WASHERd3xD7mm--16 pcs M3NUT--8 pcs COLLAR Ø4.6mmw/ setscrew--4 sets MAINWHEEL(CUB) Ø107mm--2 sets PLYWOOD 3x145x171mm(Main Landing Gear Cover)--2 pcs PLASTIC WIRE BRACKET PL5330050 --8 pcs
- 9.ENGINEMOUNTPL5111080--1set SOCKET HEAD SCREW M4x30mm--4pcs WASHER d4.2xD14.5mm--4pcs M4BLIND NUT--4pcs
- 10.ALUMINUM PLATE(For Engine Mount)--1 pc.
 ANTI-VIBRATION MOUNT PL5214094--1 set
 INCLUDE: SOCKET HEAD SCREW M4x35mm--4 pcs
 SCERW KM3x20mm--8 pcs
 WASHER d4xD12mm--8 pcs
 NYLON INSERT LOCK NUT M3--8 pcs
 NYLON INSERT LOCK NUT M4-4 pcs
 THROTTLE PUSHWIRE Ø1.2x480mm--1 pc.
 PLASTICTUBE d2xD3x300mm--1 pc.
- 11.SCREW PWA2.6x12mm--4 pcs SILICON GROMMET d1.5xD6.5mm(For Cowling)--4 pcs COWLING--1 pc.

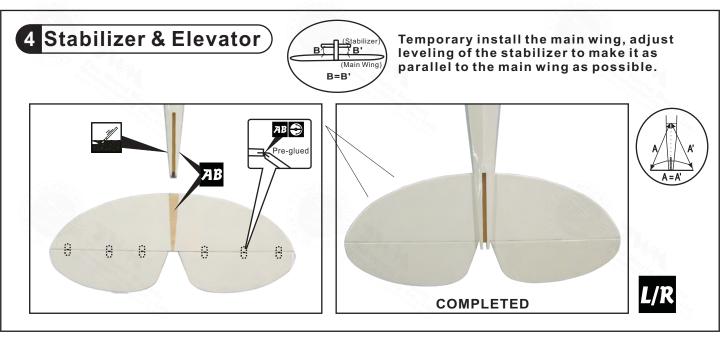
- 12.FUELTANK500cc--1set CABLETIE1.5x5x400mm--1pc. DOUBLE-SIDEDTAPE40x100mm--1pc.
- 13. SCREW PB2x16mm-- 6 pcs FUEL TUBE Ø6x5mm-- 2 pcs CLEVIS PL4112103-- 2 pcs TRI-HORN M3x22mm(L) PL4111251 -- 2 sets PUSHROD Ø1.8x1000mm w/ Threads(For Elevator Servo)-- 2 pcs
- 14. SCREW PB2x16mm--3 pcs FUEL TUBE Ø6x5mm--1 pc. CLEVIS PL4112103--1 pc. TRI-HORN M3x22mm(L)PL4111251--1 set PUSHROD Ø1.8x1065mm w/ Threads(For Rudder Servo)--1 pc.
- 15. FLYING WIRE Ø1x1300mm--1pc.
 FLYING WIRE BRACKETPL4112600--6pcs
 FLYING WIRE BRACKET CLEVIS--4pcs
 EYE SCREWM1.8x6x12mm--4pcs
 SCREWPM2x16mm--6pcs
 SCREWPM2x8mm--4pcs
 M2 NUT--6pcs
 WASHER d2xD5mm--6pcs
 COPPER TUBE d2.5xD3.2x8mm (For Rudder)--8pcs
- 16. SIDE WINDOWS -- 1 pair
- 17. LINKAGE CONNECTOR Ø2. 1mm--1 set
- 18. PLYWOOD 3x153x210mm (For Fuselage Servos) -- 1 pc. FUEL TUBE Ø6x5mm--2 pcs STRAPER PL4112102--2 pcs PUSHROD Ø1.8x85mm(For Elevator)--1 pc. PUSHROD CONNECTOR 4x9x20mm PL4410010 -- 1 set SPONGE 10x80x200mm--2 pcs
- 19. SCREW PWA2x12mm--4 pcs PILOT PC001102A--1 set COCKPIT BASE PANEL 3x145x165mm--2 pcs
- 20. SCREW PWA2.3x12mm--4 pcs SCREW PM2x14mm--2 pcs WASHER d2xD5mm--4 pcs SILICON GROMMET d1.5xD6.5mm(For Wind Shield)--4 pcs M2 NYLON INSERTLOCK NUT--2 pcs WIND SHIELD--1 pc. MOUNTING PLATE 5x15mm--2 pcs
- 21. WING TUBE Ø16x661mm--2 pcs SELF-TIGHTENING LATCHING PIN PL9120010--4 pcs WIRE Ø0.8mm--2 pair M3x8mm SET SCREW--4 pcs
- 22. SOCKET HEAD SCREW M3x8mm--2 pcs WASHER d3xD7mm--4 pcs M3 NYLON INSERT LOCK NUT--2 pcs
- 23. DECALS: A036DEC -- 1 set
- COVERING:--

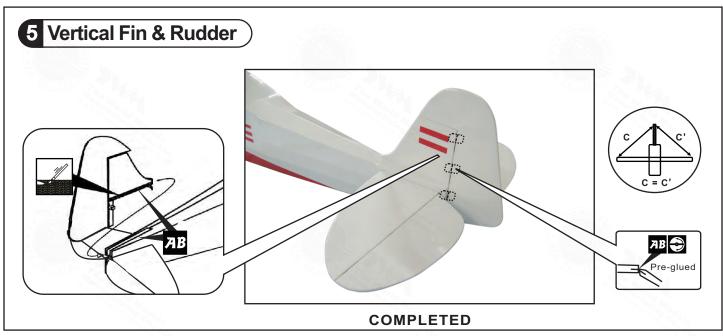
TOUGHLON STL 100 WHITE
TOUGHLON STL 311 FERRARI RED

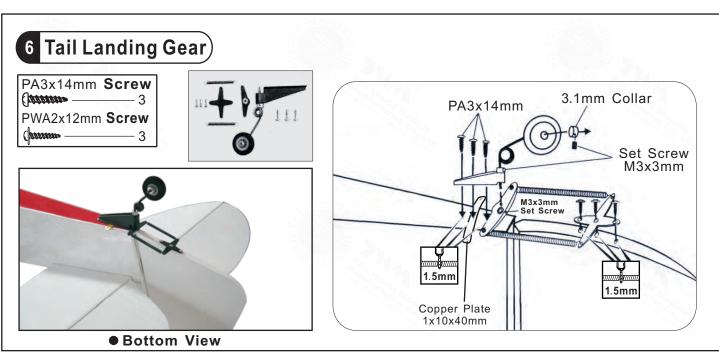


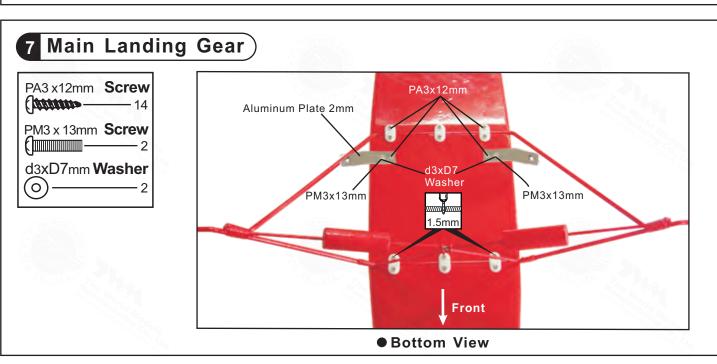


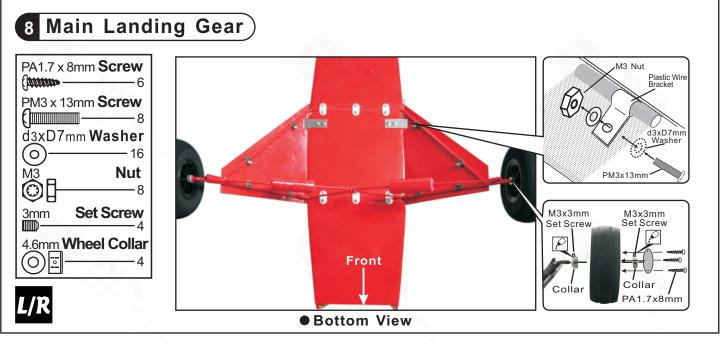


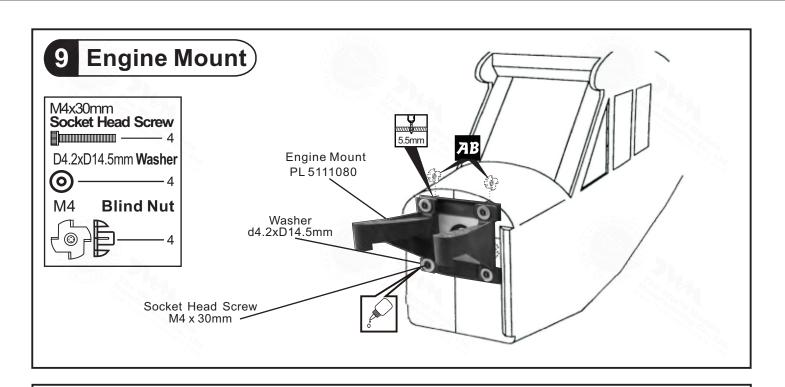






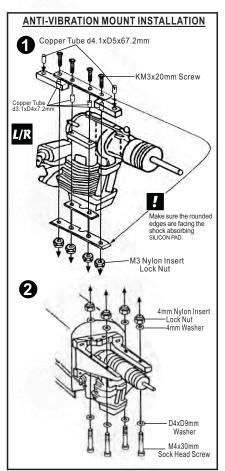


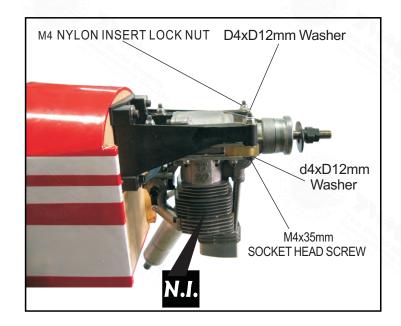


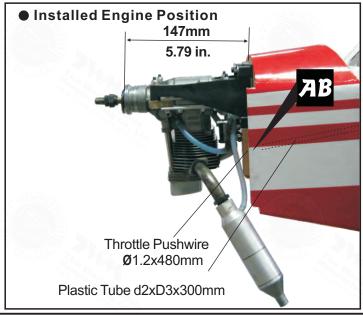


10 Engine

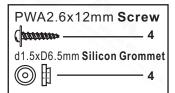




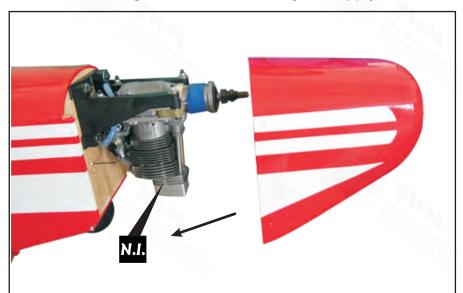


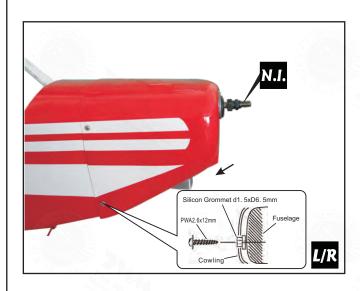


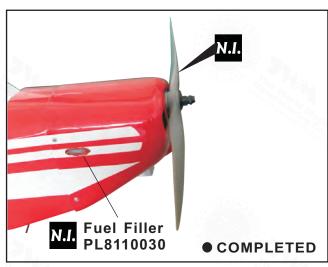


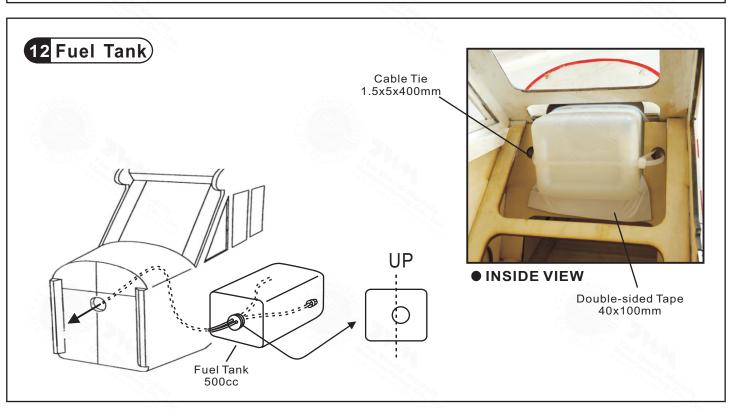


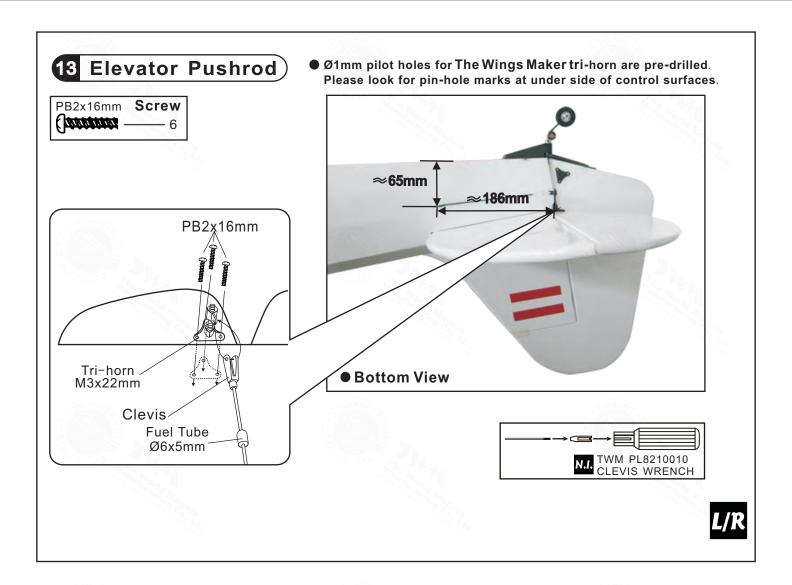
 Please refer to the attached sheet for usage of the transparent 3D template. • First insert the grommet to the cowling then apply screw.

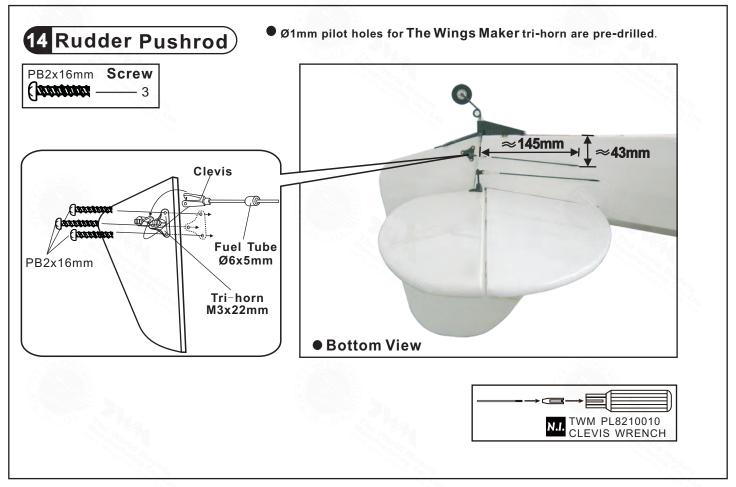


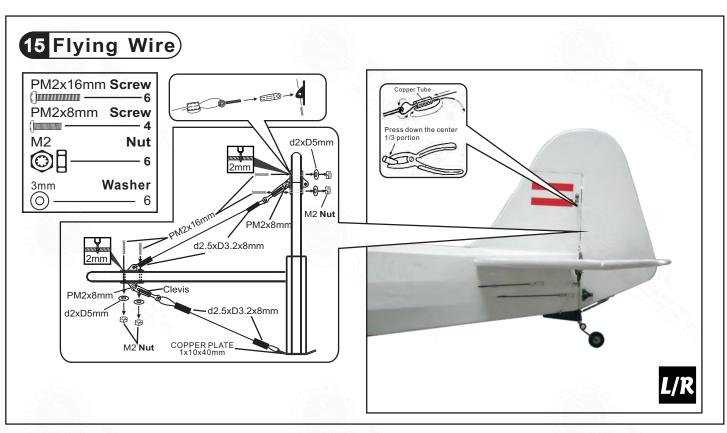


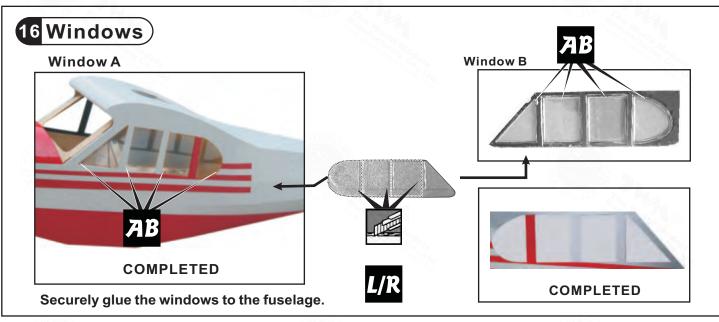


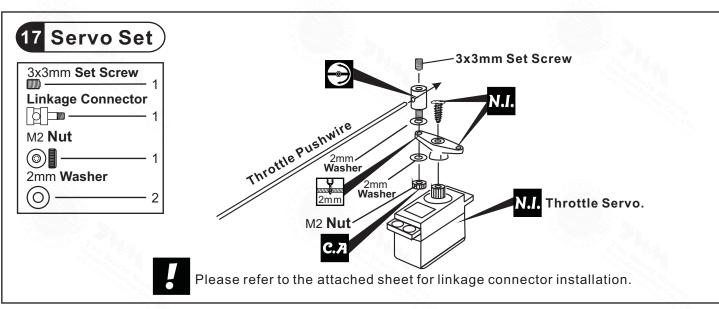


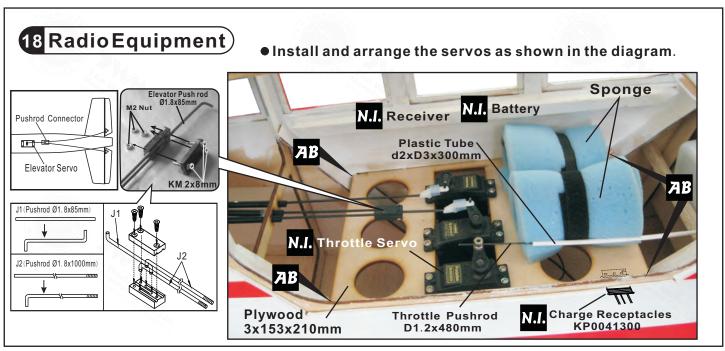


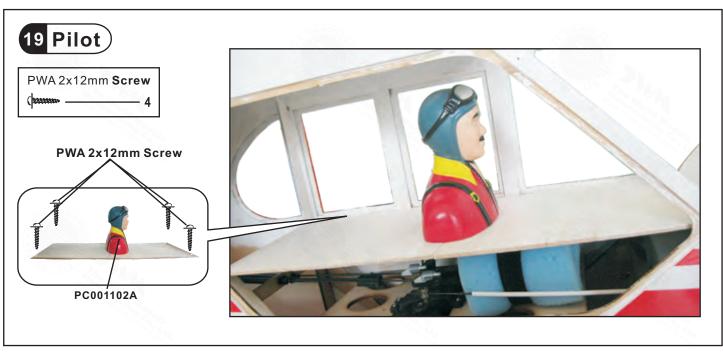








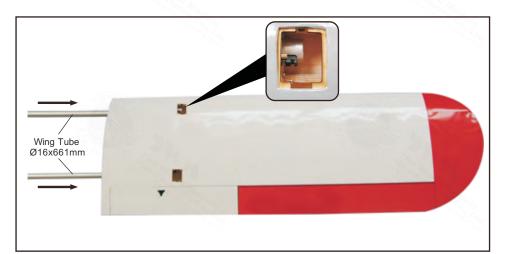




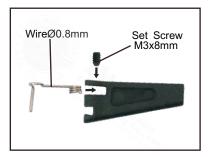


21 Main Wing

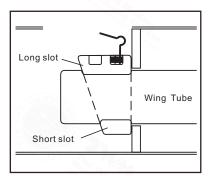


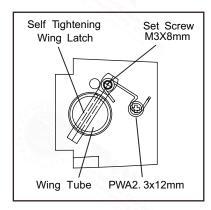


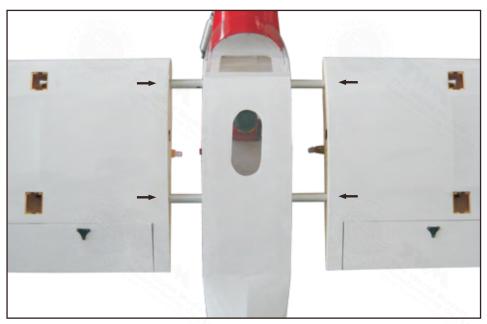
L/R

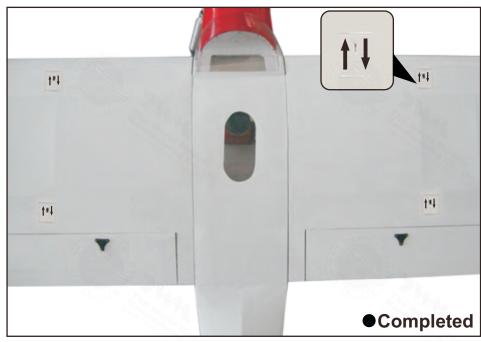


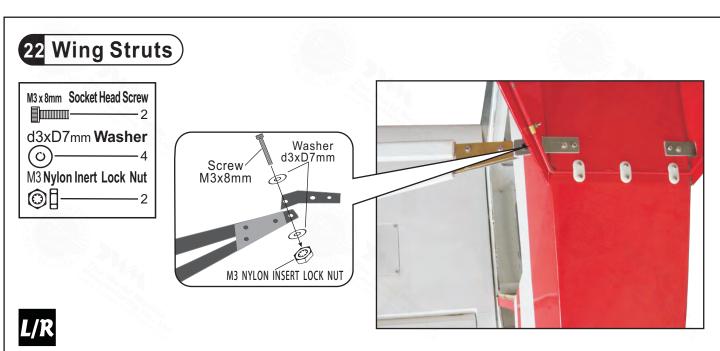






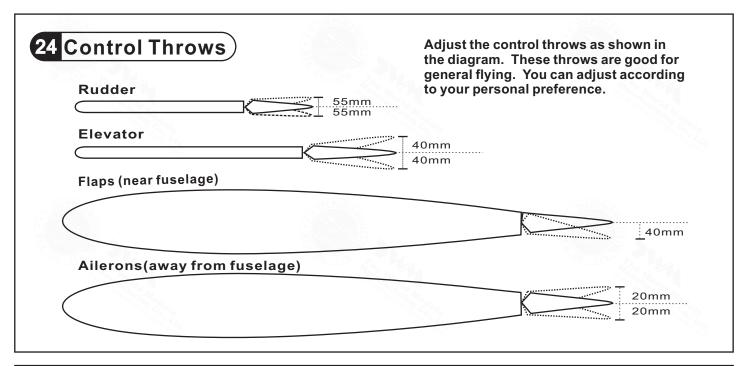








C = C'





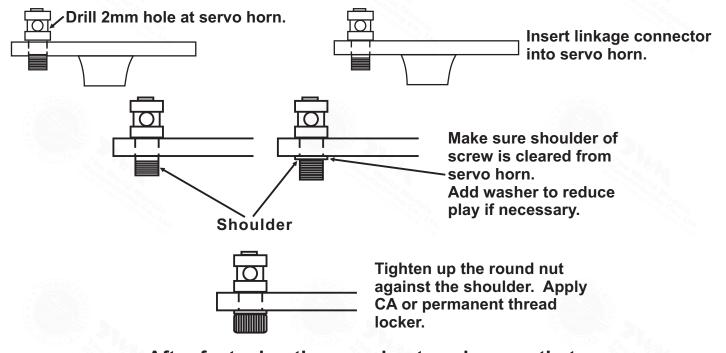
Warning!

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.
- # 1/4 SUPER CUB is specially designed to be powered by 2C 0.91 or 4C 1.20-1.60, 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.

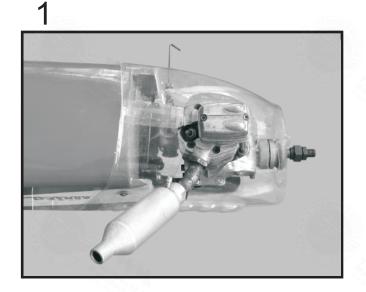
1. Name:	
2. Address:	
3. Phone #:	E-mail:
4. Model:	
Wing QC# Fuse (QC numbers are stamped o	elage QC# n wing and fuselage)
5. Date of Purchase:	
6. Store Name:	

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

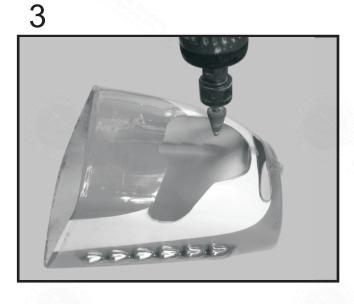
Usage of the transparent 3D template

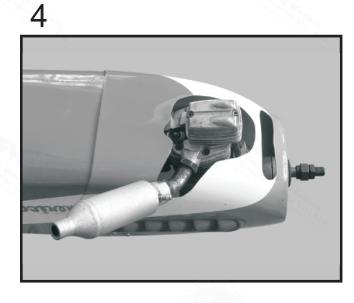


This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.







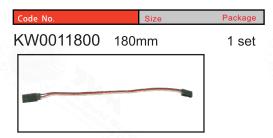


Simply cut the transparent 3D template to fit your engine and exhaust pipe, then slide onto the actual cowling and use as template to mark the openings required for final cutting.

Optional Parts

(ACCESSORIES)

180mm Extension



180mm Y-Cord

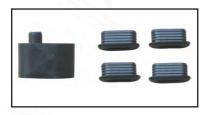


For park flyers of small electric models

Charge Receptacles



KP0041300



Field Stand





Fuel Filler



Clevis Wrench



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

Standard Servo

Code No SV4031

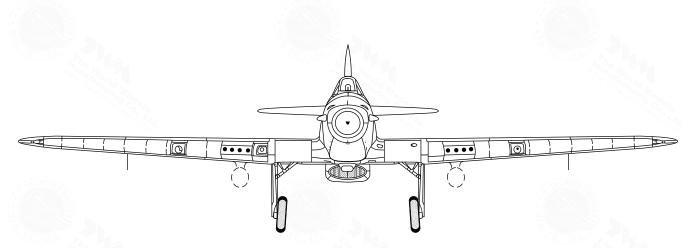


Speed: 0.17 sec / 60° @4.8V 0.14 sec / 60° @6.0V

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)

