I I I I I INSTRUCTION MANUAL

PILATUS PC-6 PORTER 40

(A340)



Requires: "Glow Power" requires 4-channel radio w/5 standard servos, 2-stroke 0.40-0.46 engine, or "Electric Power" requires 4-channel radio w/ 4 standard servos, Outrunner Motor KM37490750 w/Radial Mount Adaptor HW2340300, 40A Brushless ESC, 4 cells 14.8V 3200mAh Lipo battery and charger

Specifications

Wing Span Wing Area Flying Weight Fuselage Length 64 in / 1625 mm 592 sq in / 38.2 sq dm 5.5 lb / 2500 g 45.5 in / 1155 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.





The World Models Manufacturing Co., Ltd. www.theworldmodels.com FACTORY PRE-FABRICATED ALMOST-READY-TO-FLY(ARF)SERIES MADE IN CHINA

PILATUS PC-6 PORTER 40

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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 :-



Apply epoxy glue.



Apply thread locker



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!



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



Must be purchased separately !



Ensure smooth non-binding movement while assembling.



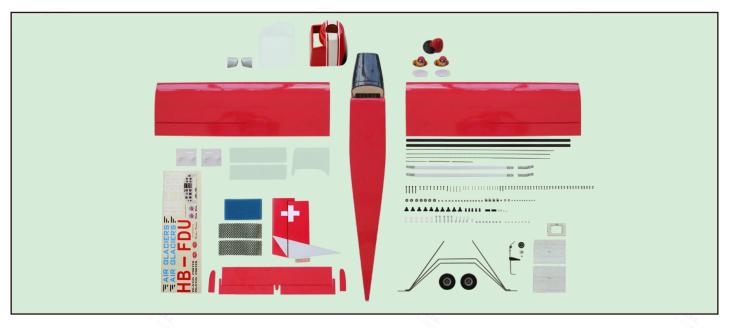
Cut off shaded portion.



Pierce the shaded portion covering film.



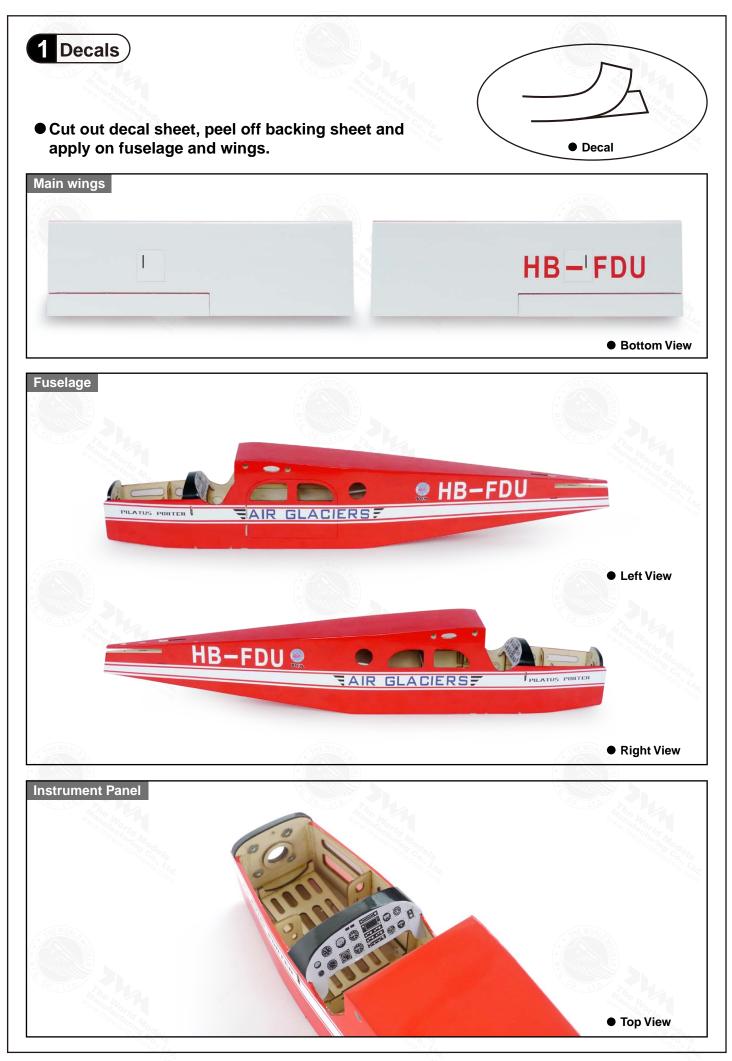
Do not overlook this symbol !

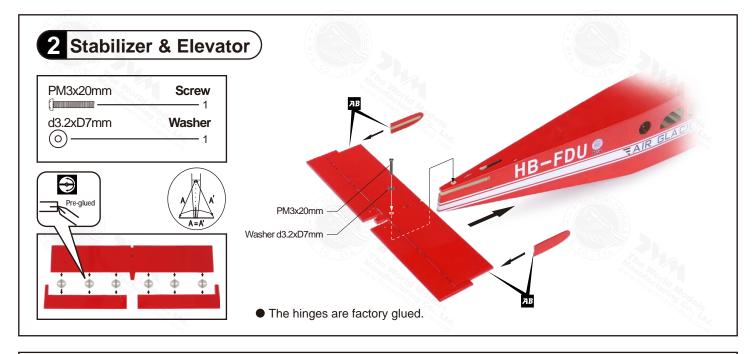


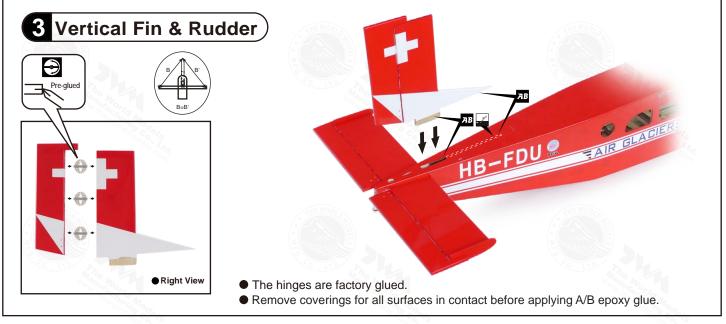
Parts List

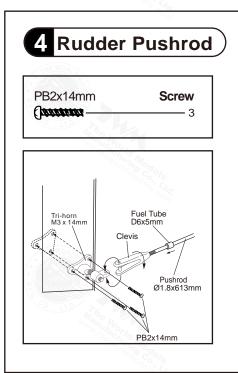
- 1. DECALS: A340 DEC -- set MAIN WING -- 1 pair FUSELAGE -- 1 pc.
- STABILIZER & ELEVATOR -- 1 set SCREW PM3x20mm -- 1 pc. WASHER d3.2xD7mm -- 1 pc.
- 3. VERTICAL FIN & RUDDER -- 1 set
- 4. PUSHROD Ø1.8x613mm w/ Threads (For Rudder) -- 1 pc. CLEVIS PL4112103 -- 1 pc. SCREW PB2x14mm -- 3 pcs TRI-HORN PL4111221 -- 1 set FUEL TUBE D6x5mm -- 1 pc.
- 5. PUSHROD Ø1.8x590mm w/ Threads (For Elevator) -- 1 pc. SCREW PB2x14mm -- 6 pcs CLEVIS PL4112103 -- 2 pcs TRI-HORN PL4111221 -- 2 sets FUEL TUBE D6x5mm -- 2 pcs
- 6. TAIL LANDING GEAR -- 1 pc. TAIL WHEEL Ø23mm -- 1 pc. COLLAR Ø2.1mm w/ Set Screw -- 2 sets SCREW PA3x12mm -- 2 pcs SCREW PM2x12mm -- 1 pc. PLATE 0.3mm -- 1 pc. M2 NUT -- 1 pc.
- 7. MAIN LANDING GEAR -- 1 pc. COLLAR Ø3.6mm w/ Set Screw -- 4 sets MAIN WHEEL Ø58mm -- 2 pcs SCREW PA3x12mm -- 12 pcs MOUNTING PLATE PL4114020 -- 6 pcs
- 8. COWLING --1 pc. DUMMY ENGINE -- 1 set TRANSPARENT 3D TEMPLATE -- 1 pc. SCREW PWA2.6x12mm -- 4 pcs SILICON GROMMETS PL1265035 d1.5xD6.5mm -- 4 pcs SPINNER Ø57mm PL2111057N -- 1 set SCREW PA3x10mm -- 2 pcs PLYWOOD 5x50x72.5mm -- 1 pc.
- 9. STRAPER PL4112102 -- 2 pcs FUEL TUBE D6x5mm -- 2 pcs PUSHROD CONNECTOR PL4410010 -- 1 set PUSHROD Ø1.8x85mm (For Elevator) -- 1 pc. A340PO30611410

- 10. SIDE WINDOWS -- 1 set WIND SHIELD -- 1 pc. SCREW PWA2.3x8mm -- 4 pcs SILICON GROMMETS PL1265035 d1.5xD6.5mm -- 4 pcs
- 11. PILOT PC001050A -- 2 sets PLYWOOD 4x97.5x125mm -- 1 pc. PLYWOOD 4x93x125mm -- 1 pc. MOUNTING PLATE PL4114015 -- 1 pc. SCREW PM2x12mm -- 1 pc. WASHER d2xD5mm -- 1 pc. M2 NYLON INSERT LOCK NUT -- 1 pc.
- 12. SCREW PWA2x8mm -- 8 pcs SERVO MOUNTING PANEL PL5310000 -- 1 pair
- 13. PUSHROD Ø1.8x86mm w/ Threads (For Aileron) -- 2 pcs TRI-HORN PL4111221 -- 2 sets SCREW PB2x20mm -- 4 pcs SCREW PB2x18mm -- 2 pcs CLEVIS PL4112103 -- 2 pcs FUEL TUBE D6x5mm -- 4 pcs STRAPER PL4112102 -- 2 pcs
- 14. WING TUBE Ø10x663mm -- 2 pcs SCREW PA3x20mm -- 4 pcs WASHER d3.2xD12mm -- 4 pcs
- 15. WING STRUTS -- 2 pcs SOCKET HEAD SCREW M3x12mm -- 6 pcs SCREW PA3x12mm -- 2 pcs WASHER d3xD7mm -- 6 pcs WASHER d3.2xD12mm -- 4 pcs M3 NYLON INSERT LOCK NUT -- 2 pcs PLATE 2mm -- 2 pcs
- 16. SPONGE -- 10x50x150mm -- 1 pc.
- 17. BATTERY COVER -- 1 pc.
 - COVERING:--TOUGHLON STL 311 FERRARI RED TOUGHLON STL 100 WHITE LIGHTEX SGX 201 BLACK



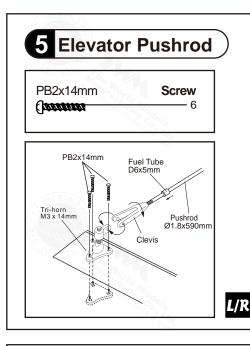


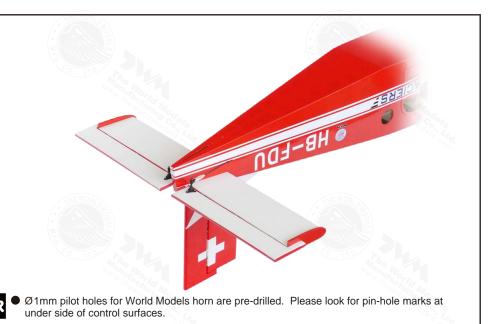


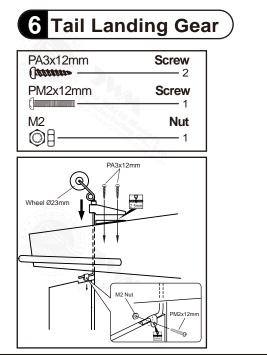




Ø1mm pilot holes for World Models horn are pre-drilled. Please look for pin-hole marks at side of control surfaces.

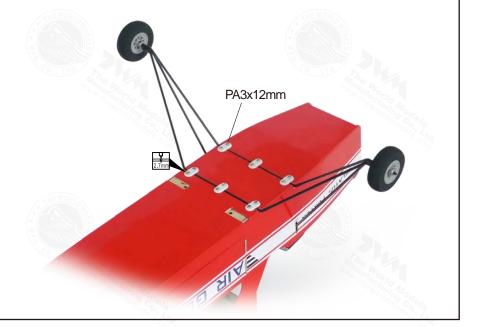


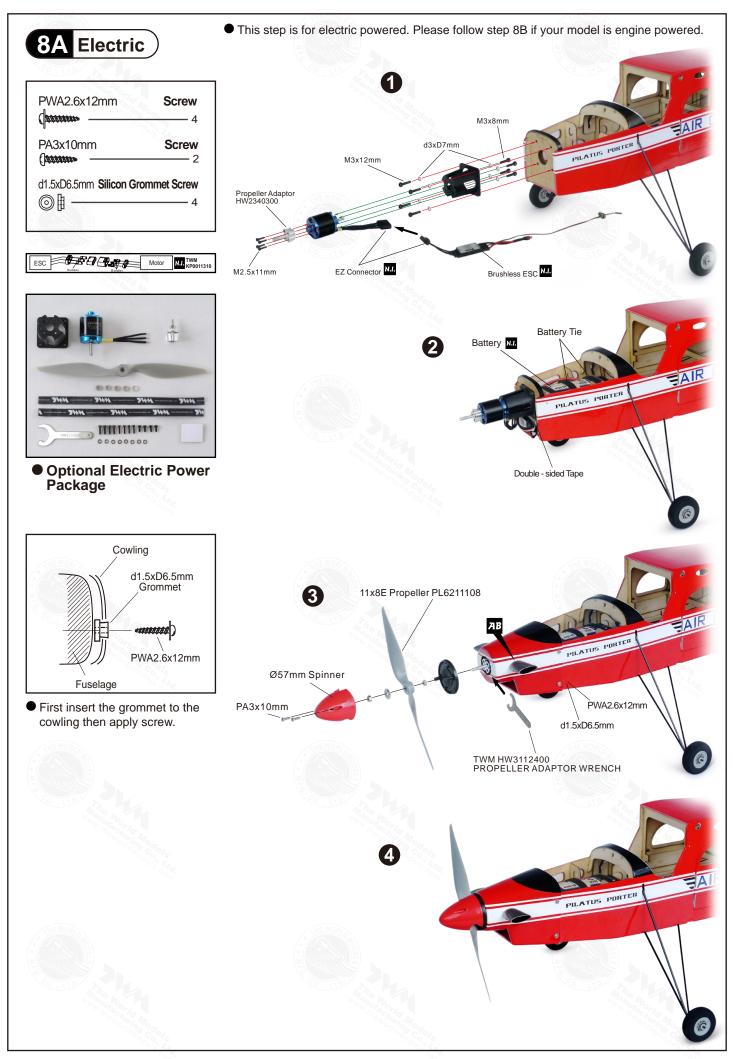


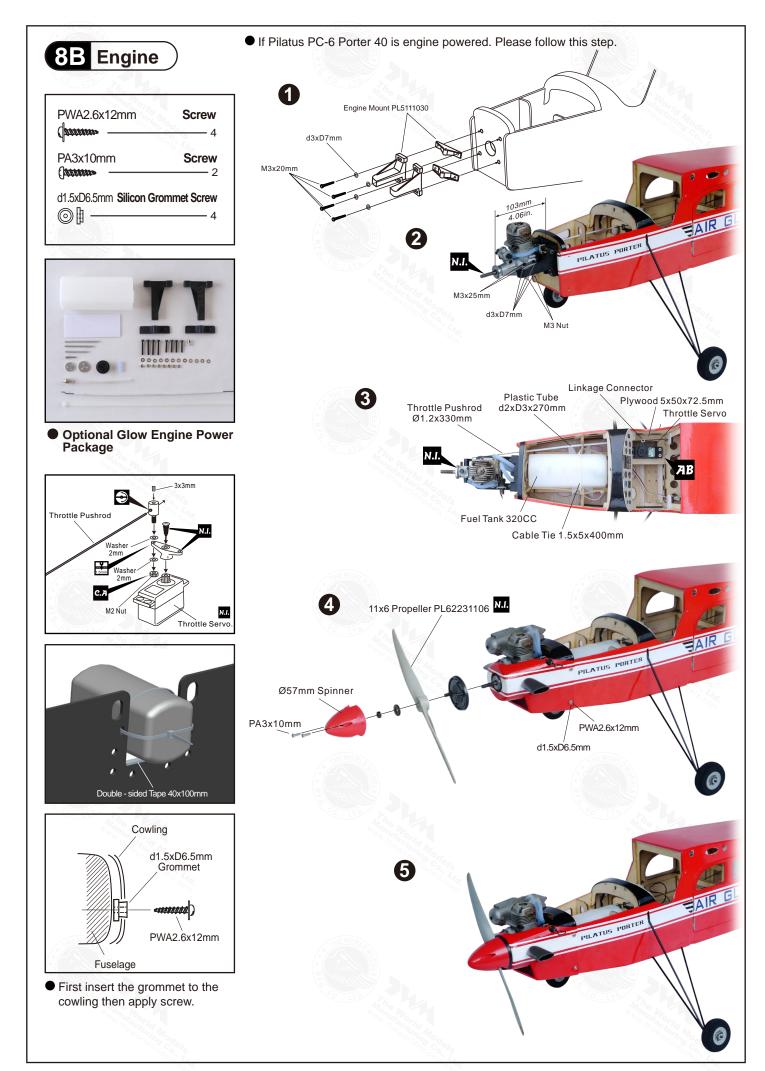


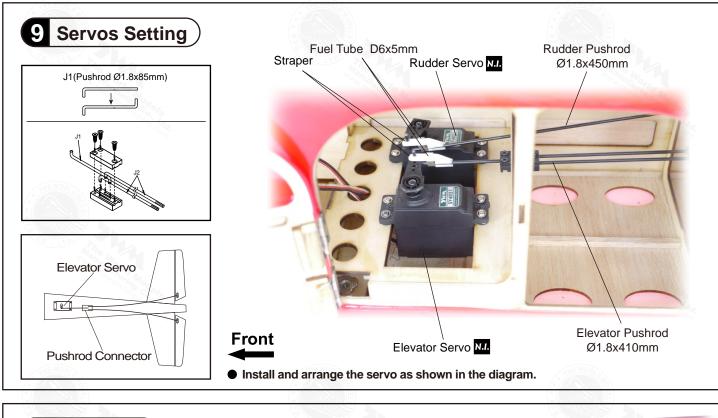




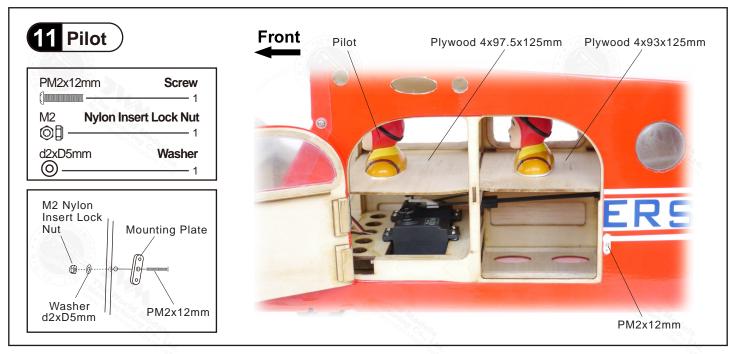


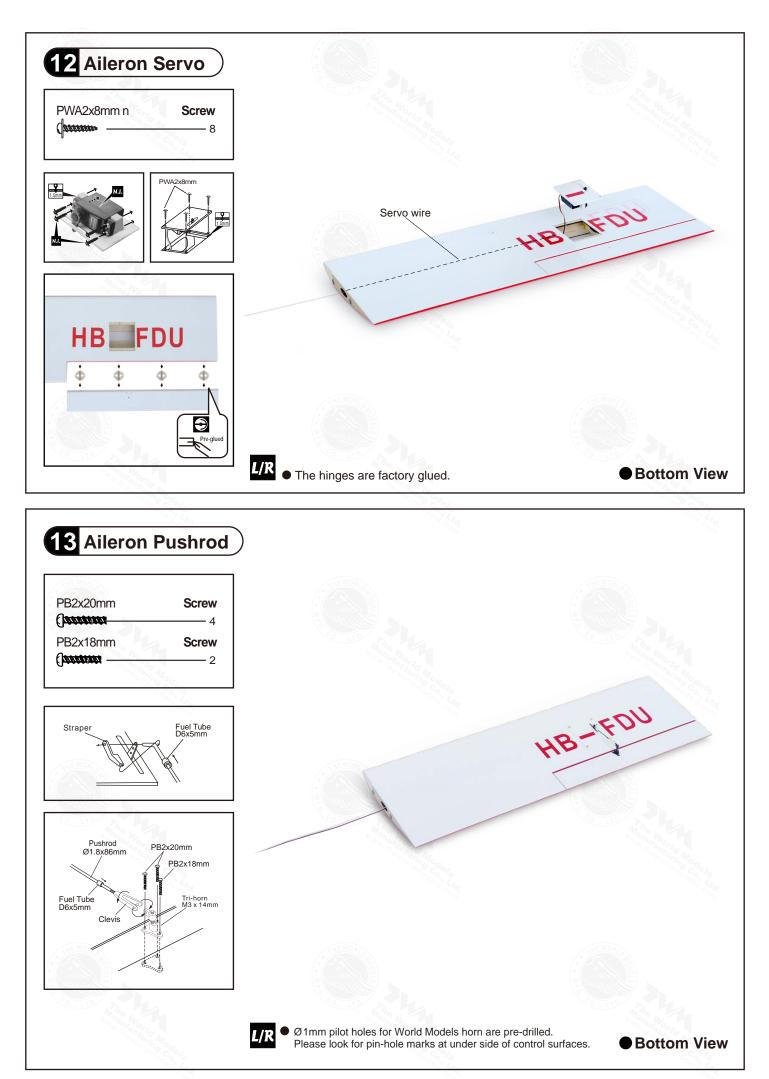


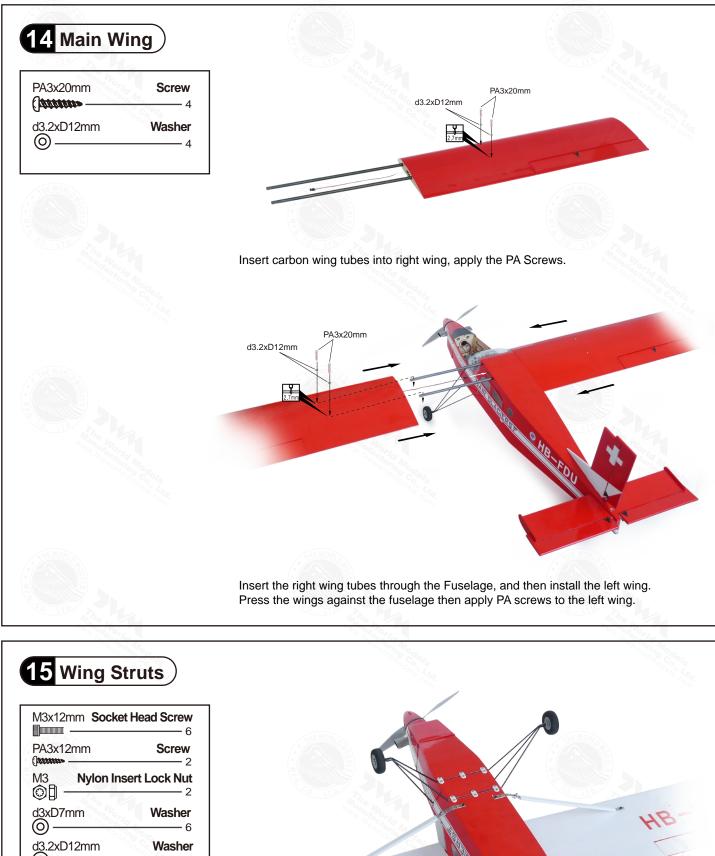


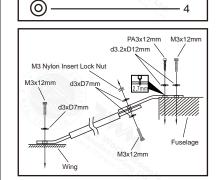


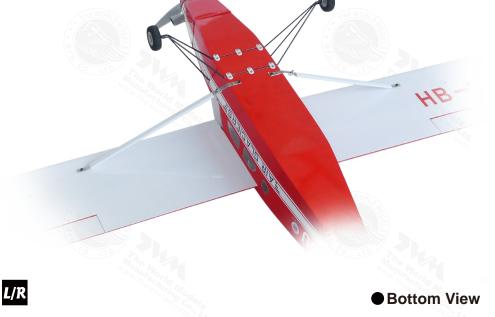


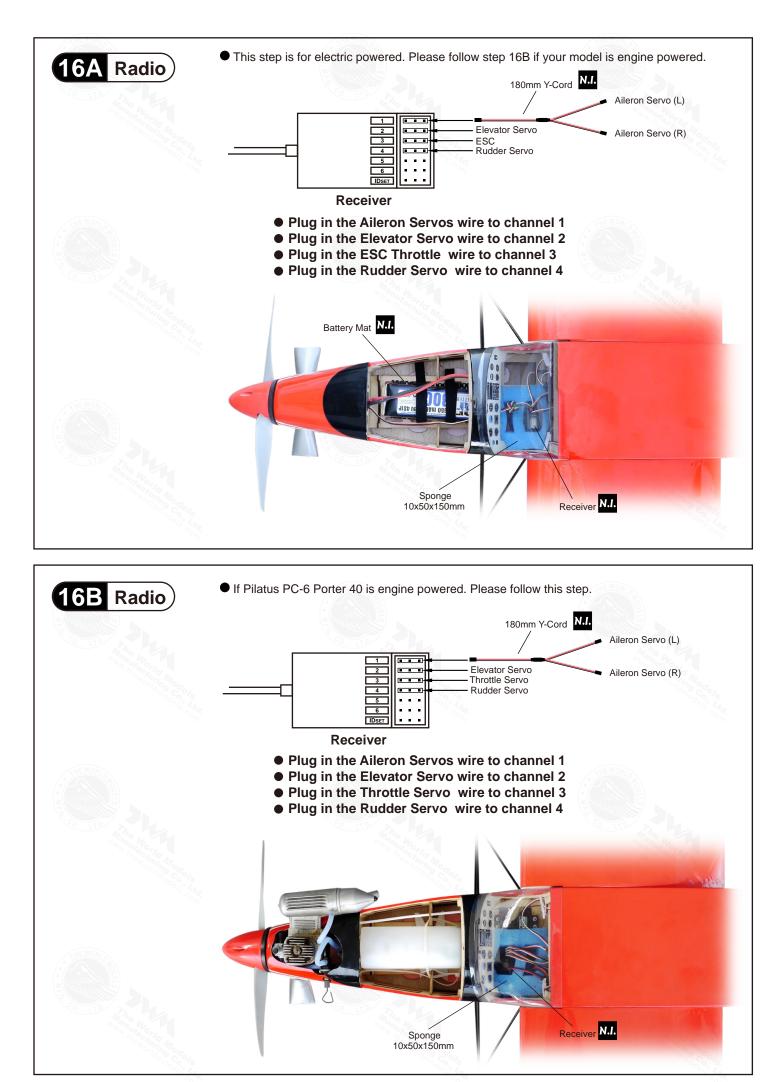






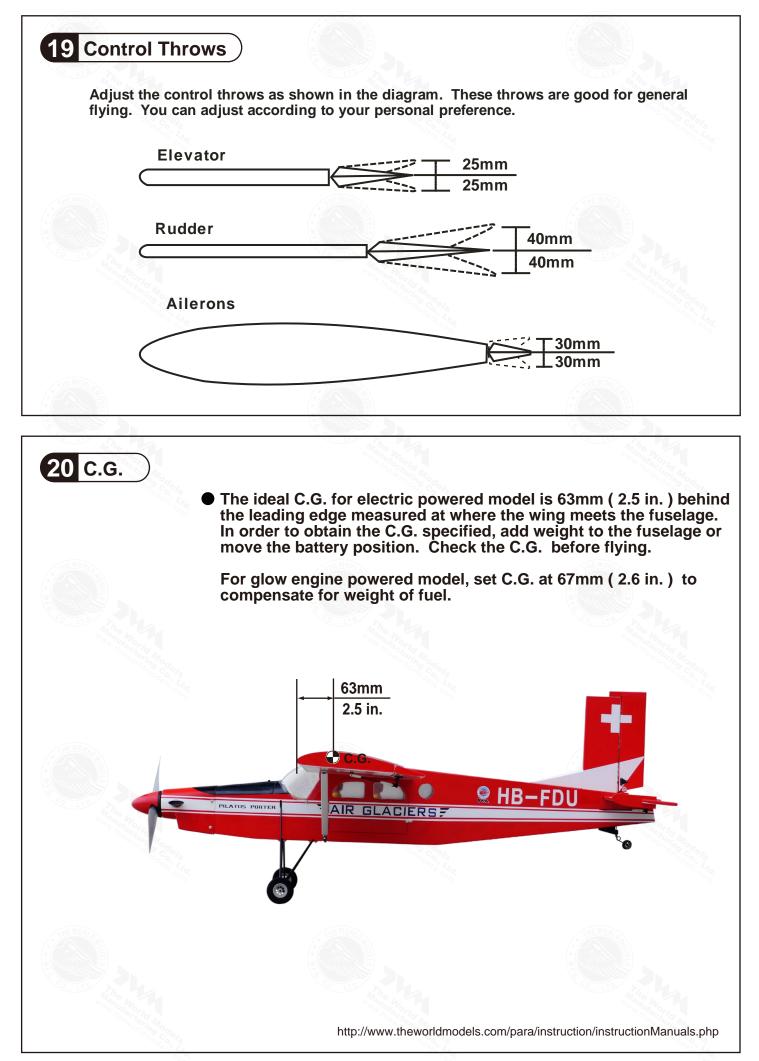


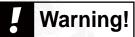










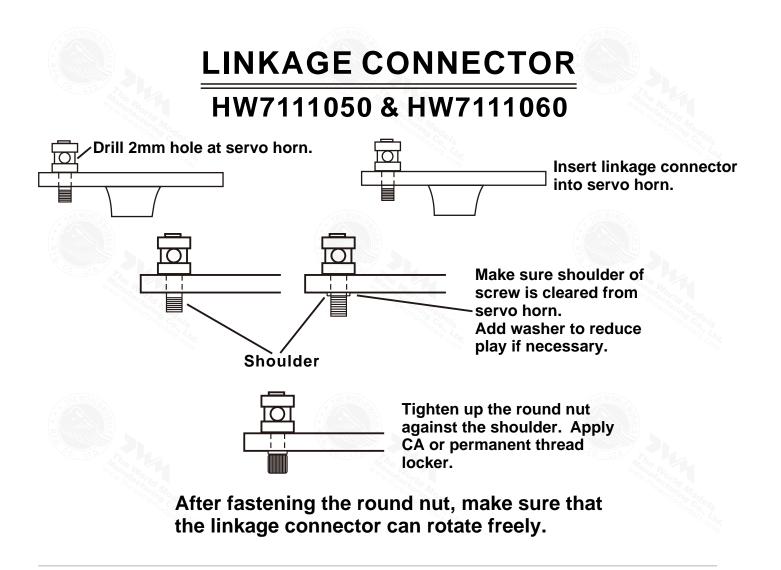


Important Safety Precautions

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.
- # PILATUS PC-6 PORTER 40 is specially designed to be powered by KM37490750 Outrunner Motor or 2-stroke 0.40-0.46 engine, using a more powerful engine does not mean better performance. In fact, over powered engine may cause structural 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. Extreme caution should be exercised when working with electric powered models. Make sure the propeller is cleared of all objects, especially your hands before connecting the battery to the model. Make sure you understand the operation of the ESC (Electronic Speed Control) by studying the ESC manual. Once you plug in the battery for electric powered model, always treat the propeller as a rotating one, as accidental movement of the throttle stick will spin the propeller and could cause injuries.
- # 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.





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 numbers are stamped on win | | |
| 5. Date of Purchase: | | |
| 6. Store Name: | | (|
| | | |

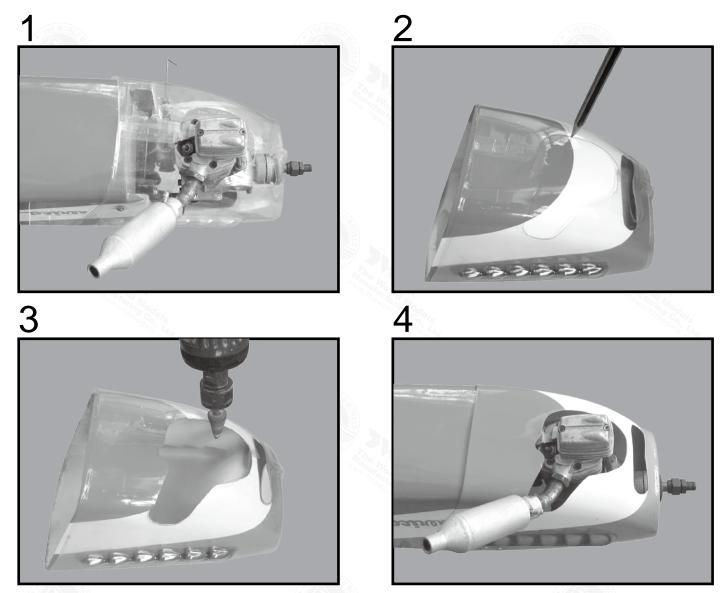
Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.

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Usage of the transparent 3D template

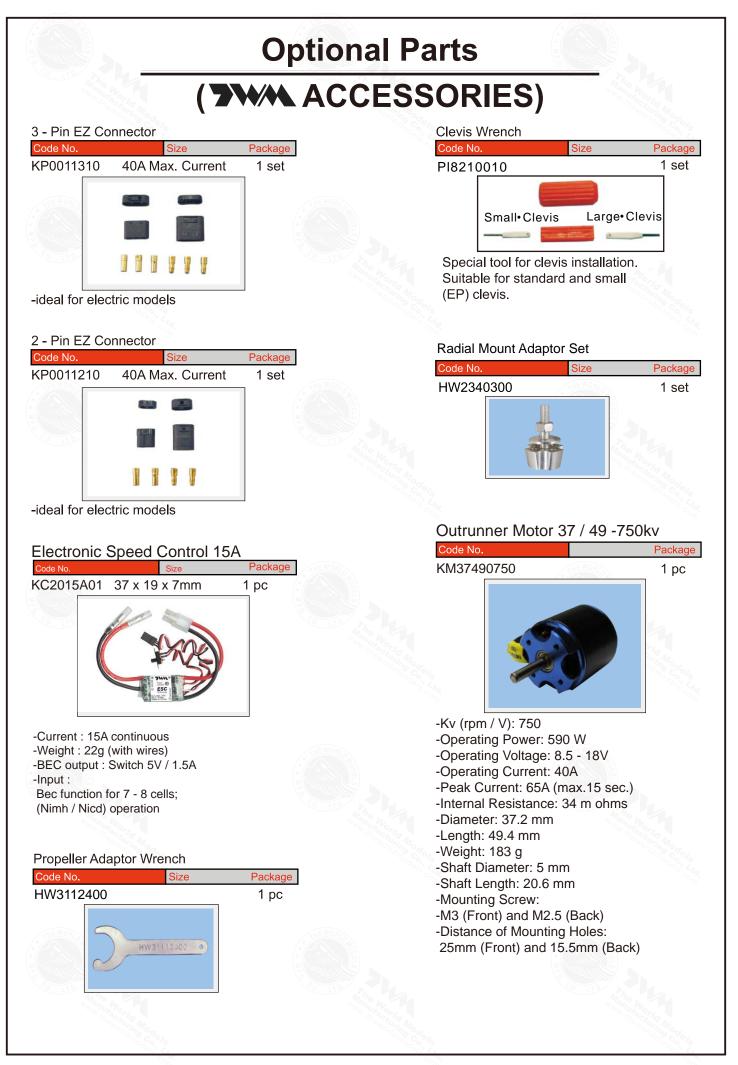


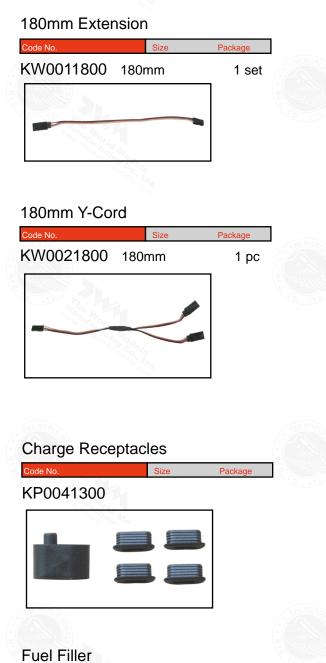
This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.



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.

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PL8110030 15 x 22 x 49mm 1 x 1 pc

Standard Serve

Cor to
Ice
Paceder

Standard Serve
Ice
Ice

Standard Serve
Ic

Clevis Wrench

PL8210010

Small Clevis

(EP) clevis.

Field Stand

Code No

Size

Large Clevis

Special tool for clevis installation. Suitable for standard and small

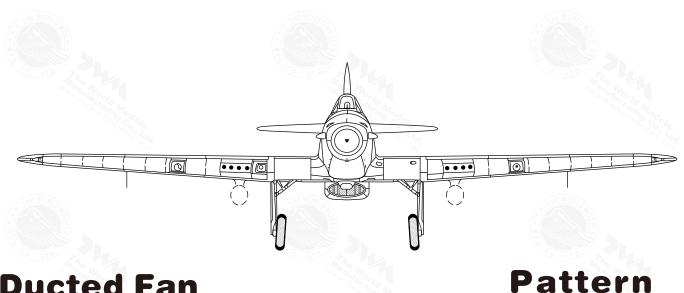
MS9111450 600 x 240 x 350mm 1 pc

Package

1 set

Code No.

Code No.



Ducted Fan

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer

Boat

Accessories

Covering

(Lightex / Toughlon)



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