Hawker Tempest MK V



## Requires : 0.46-0.55 cu. in. displacement 2-stroke 0.70-0.81 cu. in. displacement 4-stroke 6-channel radio w/ 6 standard servos and 1 low profile retract servo.

#### Specifications

Wing Span Wing Area Flying Weight Fuselage Length

57 in / 1450 mm 586 sq in / 37.8 sq dm 6.8 lb / 3100 g 47.5 in / 1210 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

Hawker Tempest MK V

# INDEX-

BEFORE YOU BEGIN ······	P.1
PARTS LIST	····· P.2
ASSEMBLY	•••••• P.3-P.13
SAFETY PRECAUTIONS ······	••••••P.14

# **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.MAIN WING -- 1 pair

- 2.RETRACTABLE LANDING GEAR -- 1 pair M2 NUT -- 8 pcs SCREW PM2x6mm -- 8 pcs WASHER d2xD5mm -- 16 pcs MAIN LANDING GEAR COVERS -- 1 pair PVC PLATE 0.5mm -- 2 pcs
- 3.WING JOINER 8x20x247mm -- 1 pc. SCATTER-GUN(A) Ø8x36mm -- 2 pcs SCATTER-GUN(B) Ø8x31mm -- 2 pcs

4.PUSHROD Ø1.8x85mm w/ Threads (For Aileron) -- 2 pcs SCREW PB2x25mm -- 4 pcs SCREW PB2x22mm -- 2 pcs SCREW PWA2x8mm -- 8 pcs TRI-HORN M3x14mm (S) PL4111221 -- 2 sets STRAPER PL4112102 -- 2 pcs CLEVIS PL4112103 -- 2 pcs FUEL TUBE Ø6x5mm -- 4 pcs SERVO MOUNTING PANEL PL5310000 -- 1 pair

\*OPTIONAL PARTS A317DTM : DROP TANKS -- 1 pair MISSILES -- 1 pair PLYWOOD(A) 28x23x3mm -- 4 pcs PLYWOOD(B) 20x23x3mm -- 4 pcs SCREW PWM2.5x12mm -- 8 pcs M2.5 NYLON INSERT LOCK NUT -- 8 pcs WASHER d2.5xD8mm -- 8 pcs

- 5.PLASTIC RING PL4112023 -- 2 pcs Y-TYPE PUSHROD Ø1.8x110mm (For Flap) -- 1 pc. STRAPER PL4112102 -- 1 pc. CLEVIS PL4112103 -- 2 pcs FUEL TUBE Ø6x5mm -- 3 pcs PLYWOOD 3x28x66mm -- 1 pcs LINKAGE CONNECTOR Ø2.1mm HW7111060 -- 2 sets
- 6.VERTICAL FIN & RUDDER -- 1 set FUSELAGE -- 1 pc.
- 7.STABILIZER & ELEVATOR -- 1 set STABILIZER TUBE Ø8x180mm -- 1 pc.
- 8.TAIL LANDING GEAR -- 1 set COLLAR Ø2.1mm w/ set screw -- 1 set TAIL WHEEL Ø25mm PL3111250 -- 1 pc. SCREW PA3x10mm -- 2 pcs
- 9.PUSHROD Ø1.8x550mm w/ Threads (For Elevator) -- 2 pcs SCREW PB2x22mm -- 4 pcs SCREW PB2x20mm -- 2 pcs TRI-HORN M3x14mm (S) PL4111221 -- 2 sets CLEVIS PL4112103 -- 2 pcs FUEL TUBE Ø6x5mm -- 2 pcs

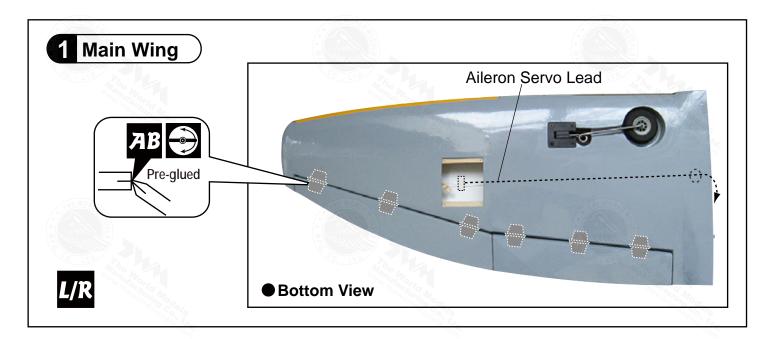
- 10.PUSHROD Ø1.8x715mm w/ Threads (For Rudder) -- 1 pc. SCREW PB2x20mm -- 3 pcs TRI-HORN M3x22mm (S) PL4111301 -- 1 set CLEVIS PL4112103 -- 1 pc. FUEL TUBE Ø6x5mm -- 1 pc.
- 11.ENGINE MOUNT PL5111050 -- 1 set SOCKET HEAD SCREW M4x25mm -- 4 pcs WASHER d4xD9mm -- 4 pcs BLIND NUT M4 HW1304125 -- 4 pcs DOWEL D6x10mm -- 4 pcs
- 12.FUEL TANK 380cc -- 1 set CABLE TIE 1.5x5x400mm -- 1 pc. DOUBLE-SIDE TAPE 40x100mm -- 1 pc. BATTERY TIE 200x13mm -- 1 pc. SPONGE 80x200x10mm -- 1 pc.
- 13.SOCKET HEAD SCREW M3x30mm -- 4 pcs M3 NUT -- 8 pcs WASHER d3xD7mm -- 8 pcs THROTTLE PUSHWIRE Ø1.2x330mm -- 1 pc. PLASTIC TUBE d2xD3x240mm -- 1 pc. PLYWOOD 2x48.2x92.8mm -- 1 pc.
- 14.COWLING --1 pc. TRANSPARENT 3D TEMPLATE -- 1 pc. SCREW PWA2.6x12mm -- 4 pcs SILICON GROMMET d1.5xD6.5mm PL1265035 -- 4 pcs SPINNER Ø89mm PH22W0890 -- 1 set

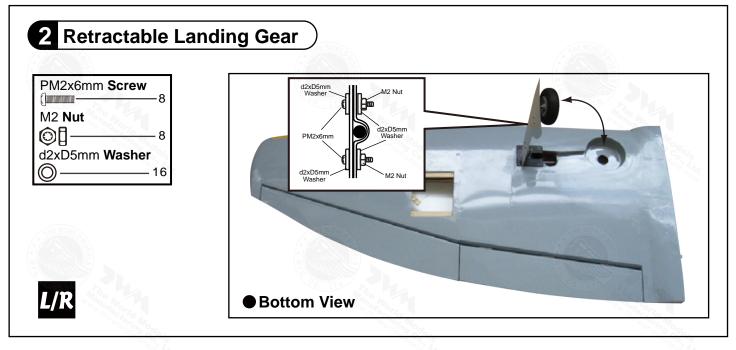
15.LINKAGE CONNECTOR Ø2.1mm HW7111060 -- 1 set

- 16.PUSHROD CONNECTOR PL4410010 -- 1 set PUSHROD Ø1.8x100mm (For Elevator) -- 1 pc. STRAPER PL4112102 -- 2 pcs FUEL TUBE Ø6x5mm -- 2 pcs SPONGE 80x200x10mm -- 1 pc.
- 17.SCREW HM3x35mm -- 2 pcs WASHER d3.2xD12mm -- 2 pcs
- 18.CANOPY -- 1 pc. SCREW PWA2.3x8mm -- 4 pcs SILICON GROMMET d1.5xD6.5mm PL1265035 -- 4 pcs PILOT PC001050A -- 1 pc.

19.DECALS: A317DEC -- 1 set

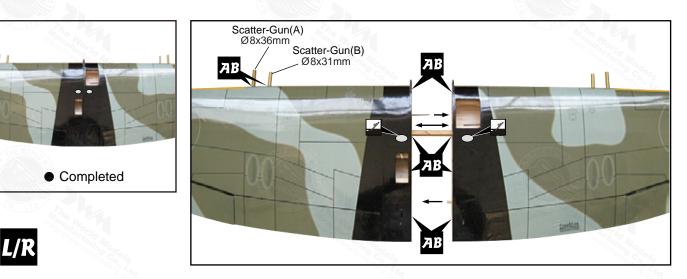
COVERING:--TOUGHLON STL 317 FUS TOUGHLON STL 317 WIG TOUGHLON STL 203 LIGHT GRAY LIGHTEX SGX 203 LIGHT GRAY LIGHTEX SGX 331 CUB YELLOW LIGHTEX SGX 201 BLACK LIGHTEX SGX 100 WHITE LIGHTEX SGX 340 OLIVE DRAB

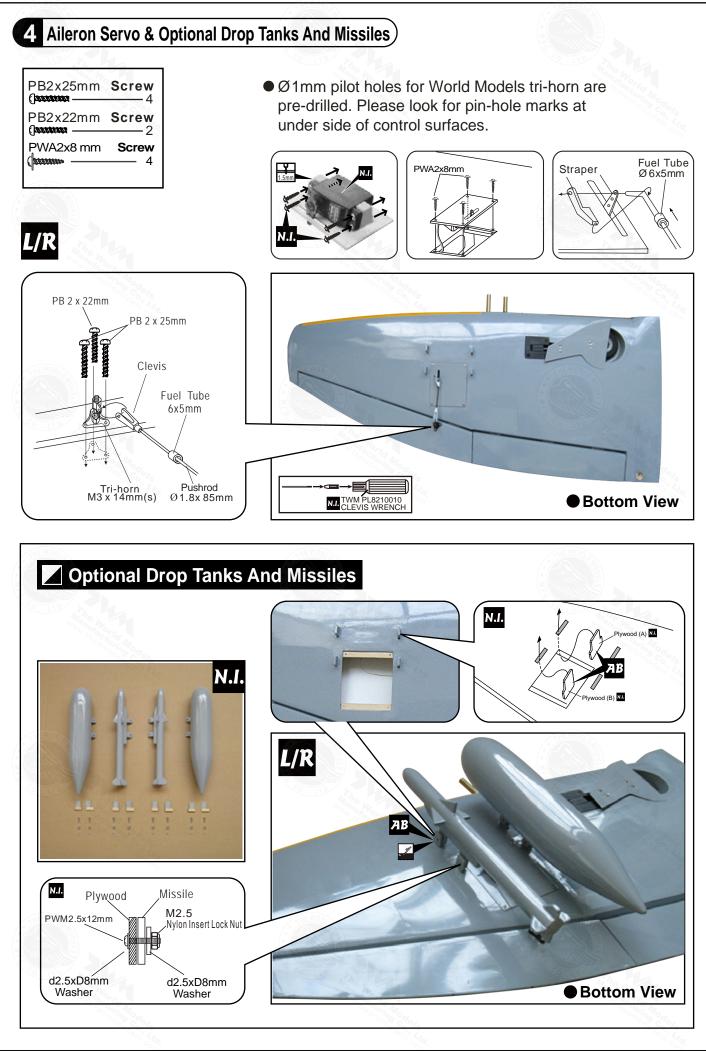


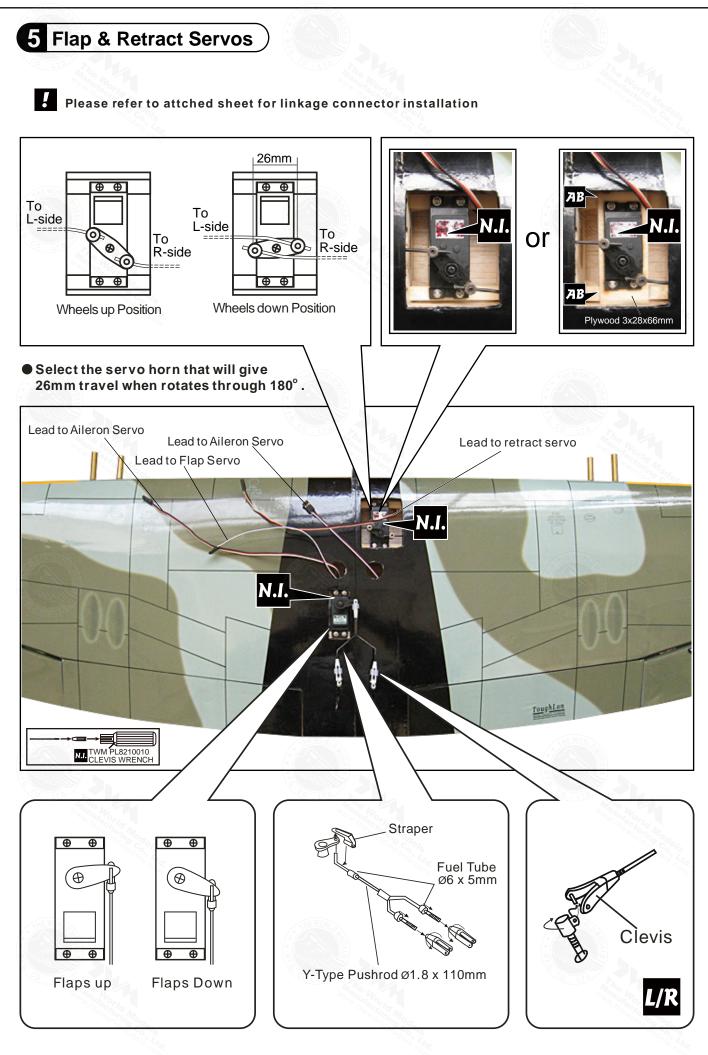


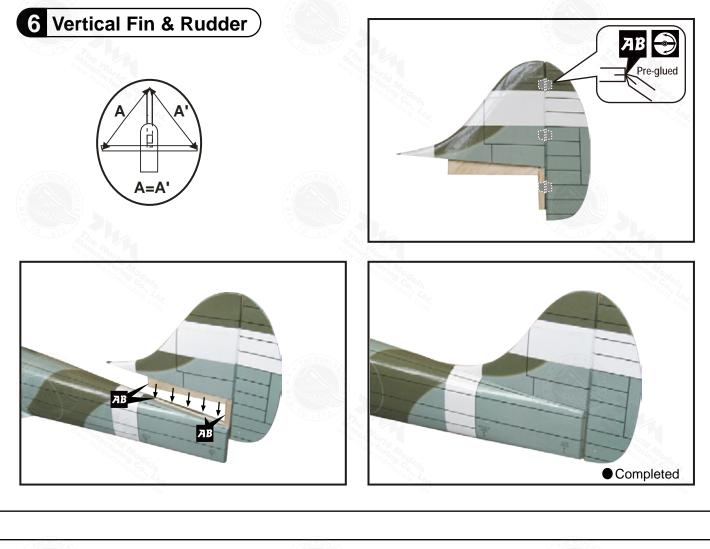
### 3 Main Wing

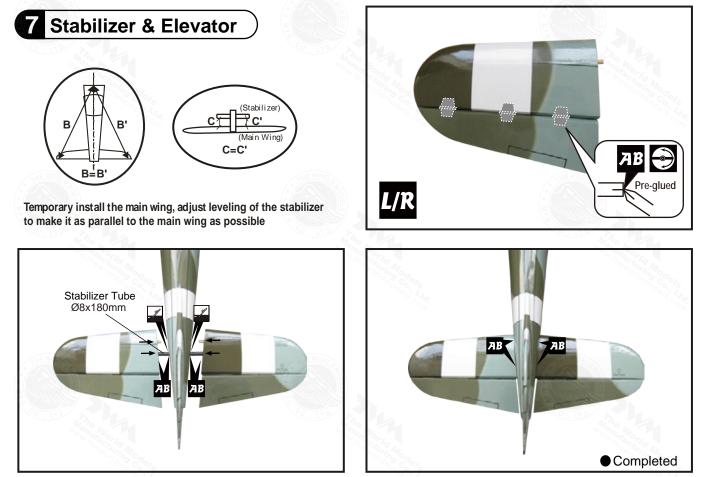
Please dry fit wing joiner into left and right wing to make sure they fit with the proper dihedral angle, mark the wing joiner if necessary. Apply epoxy glue to both sides of all surfaces in contact. Use a stick to apply the glue to inner side of wing joiner sleeve, and apply the glue to wing joiner before putting them together. Wing joiner not glued properly will lead to wing failure and plane crash.

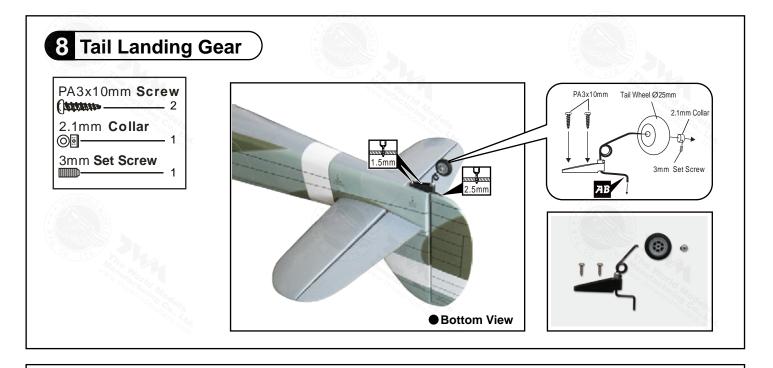


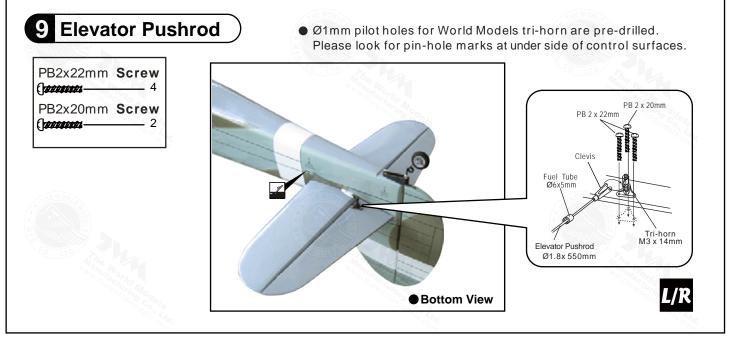


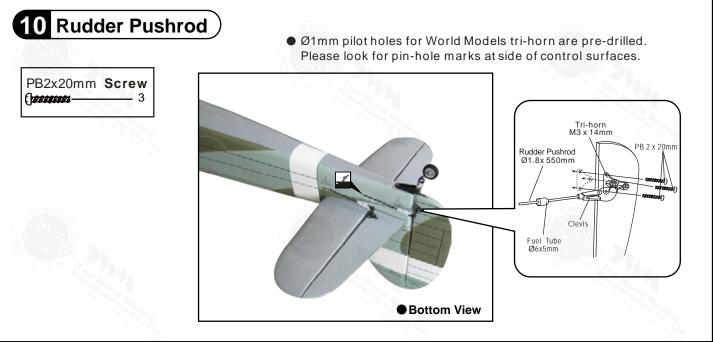


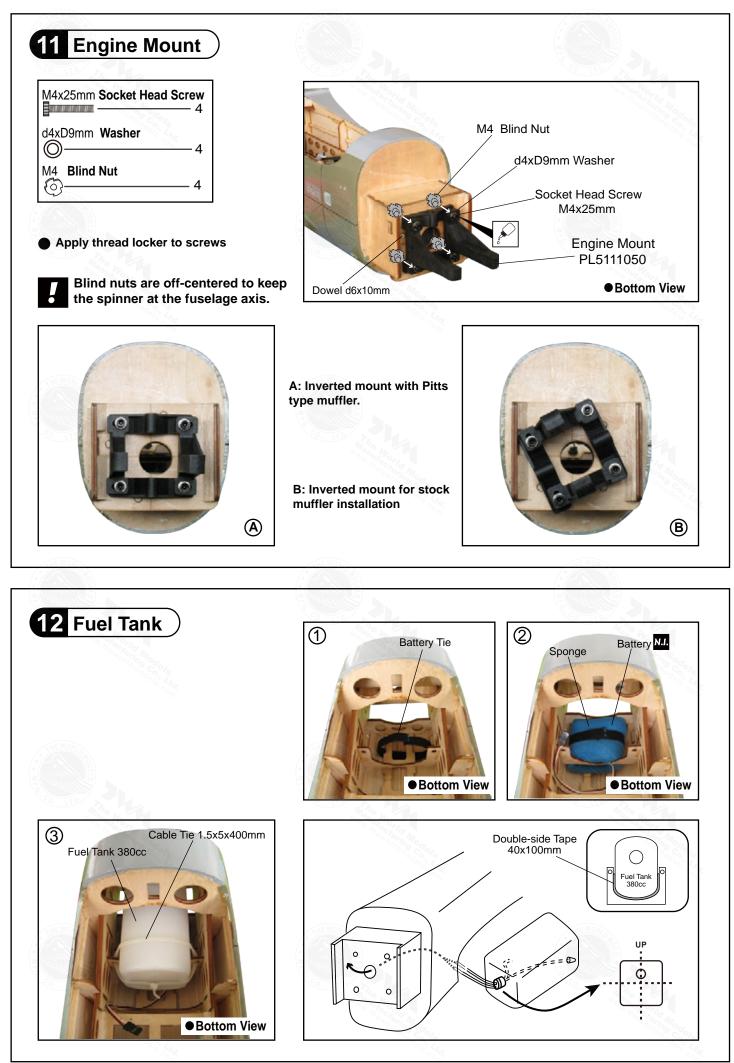


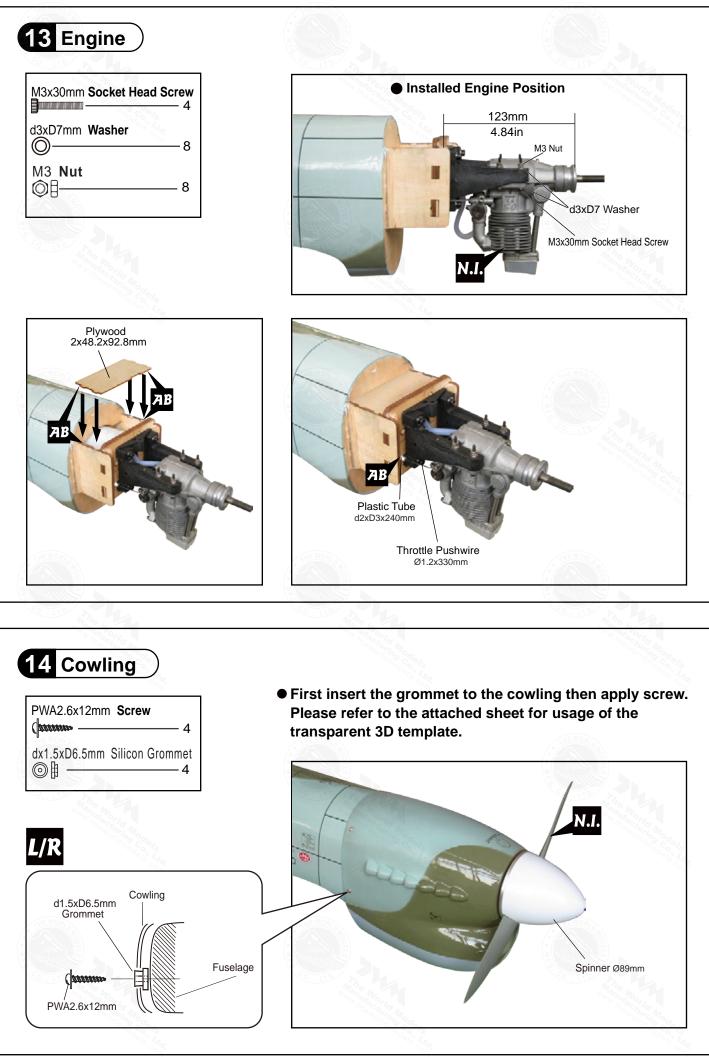


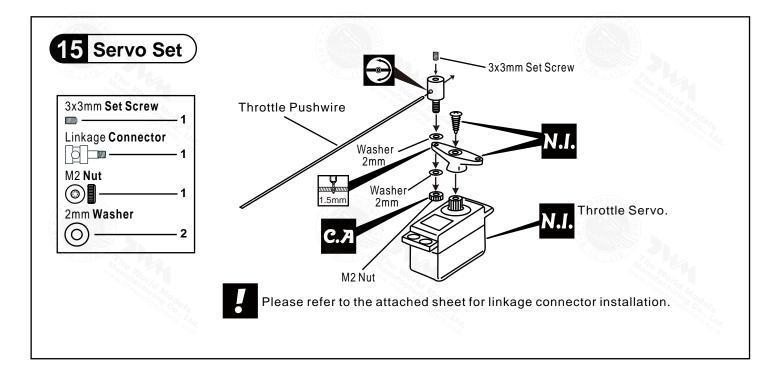


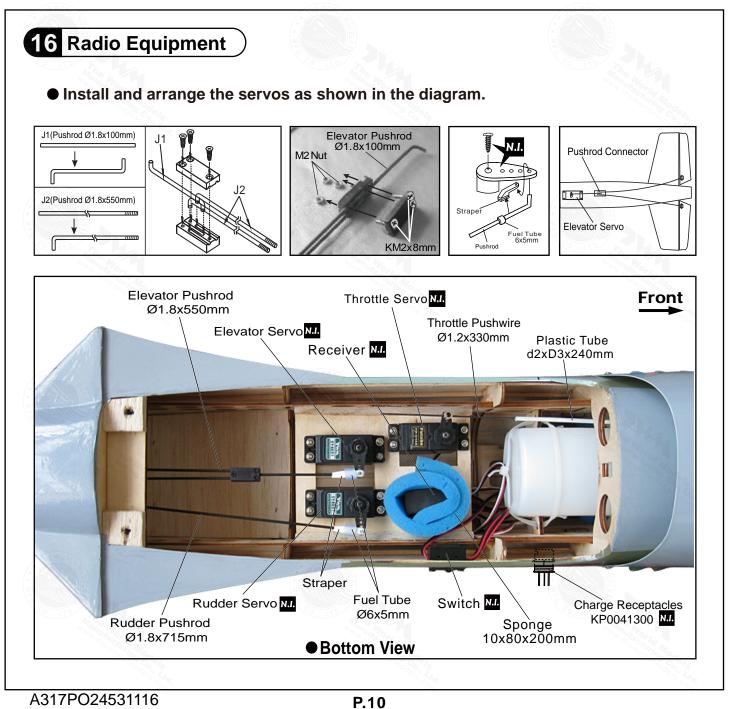


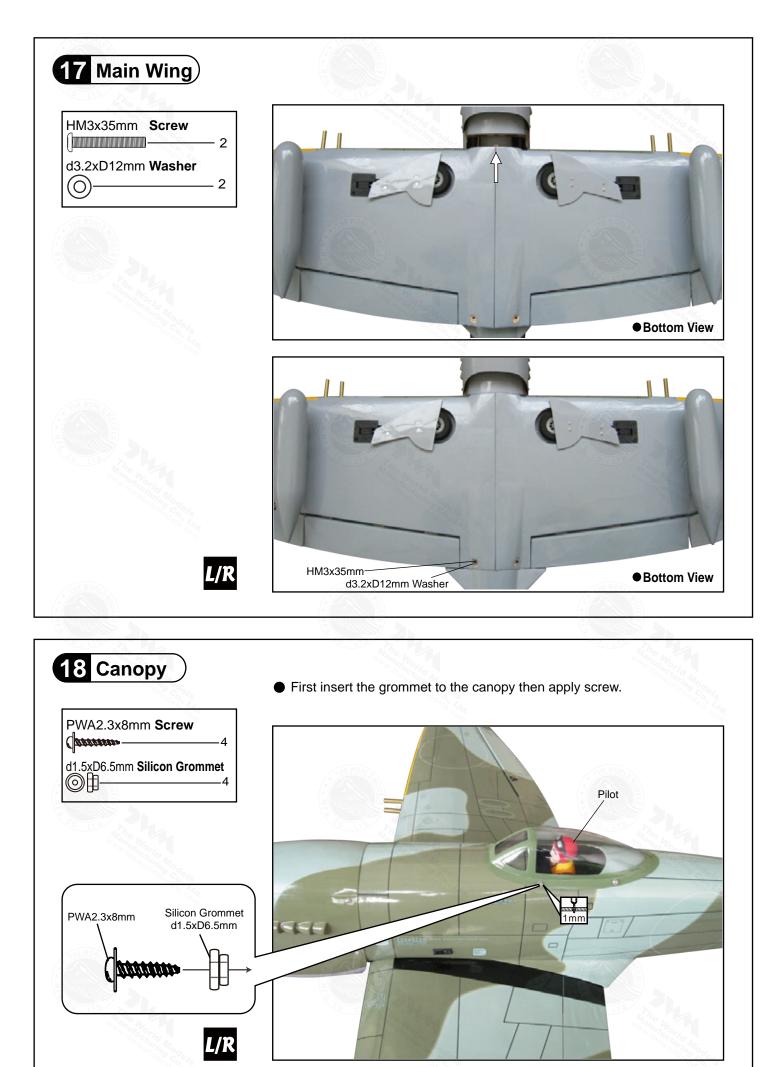




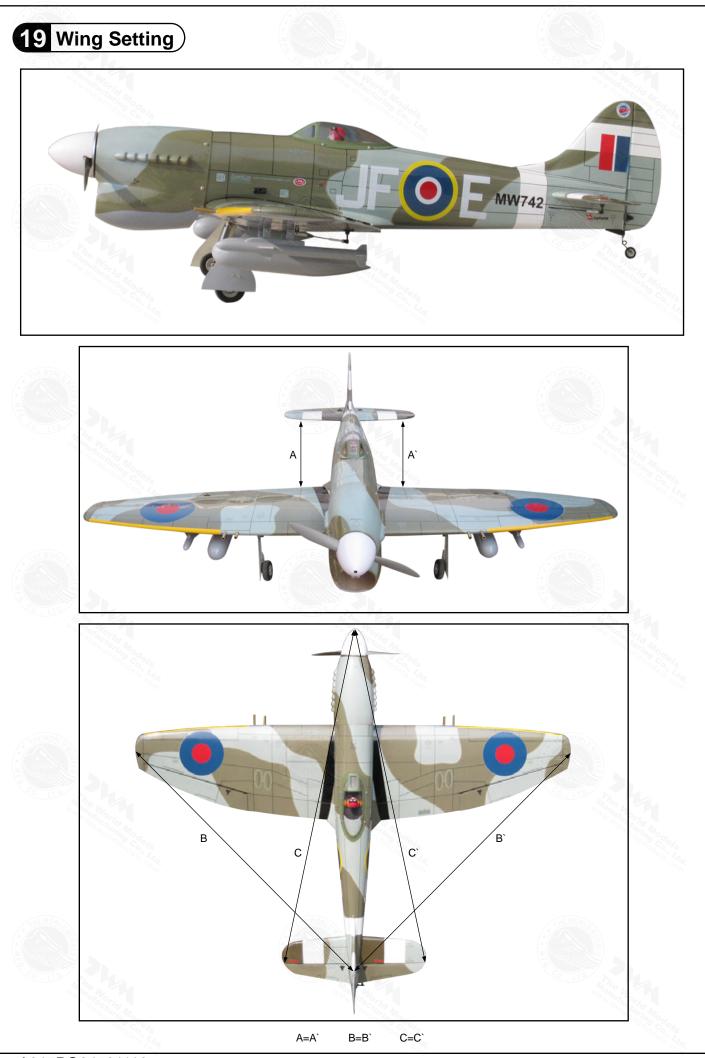




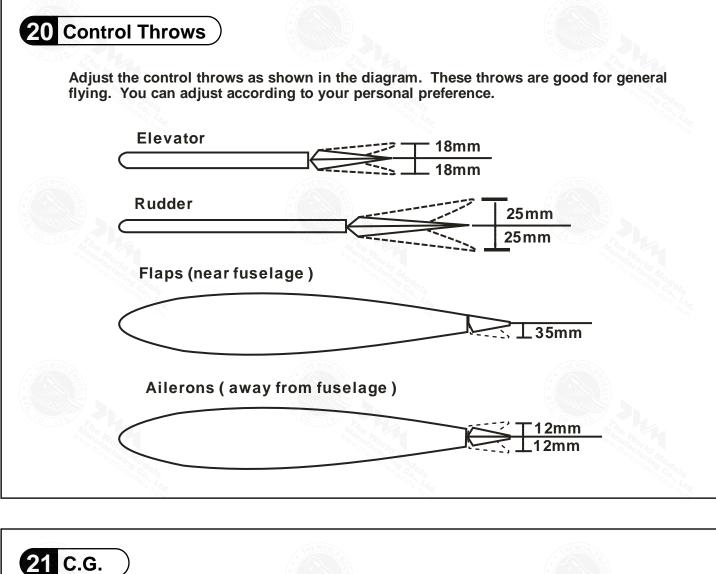


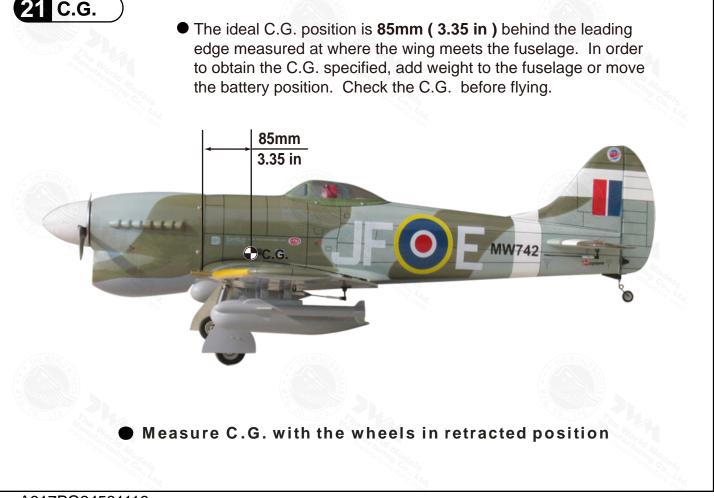


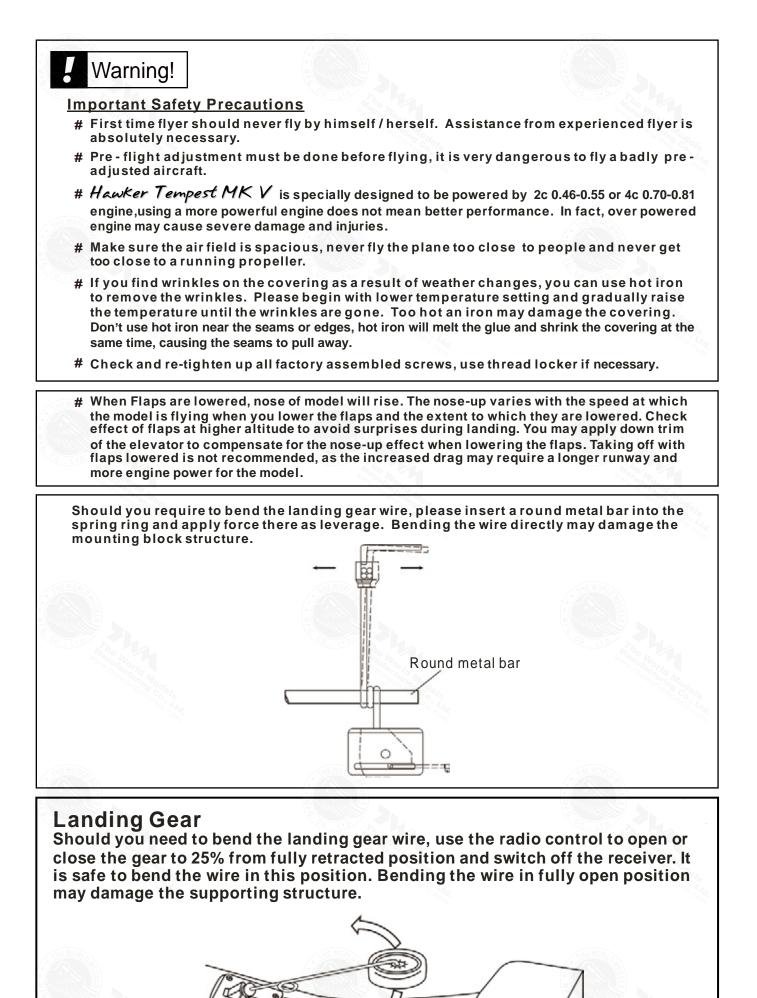
5.00



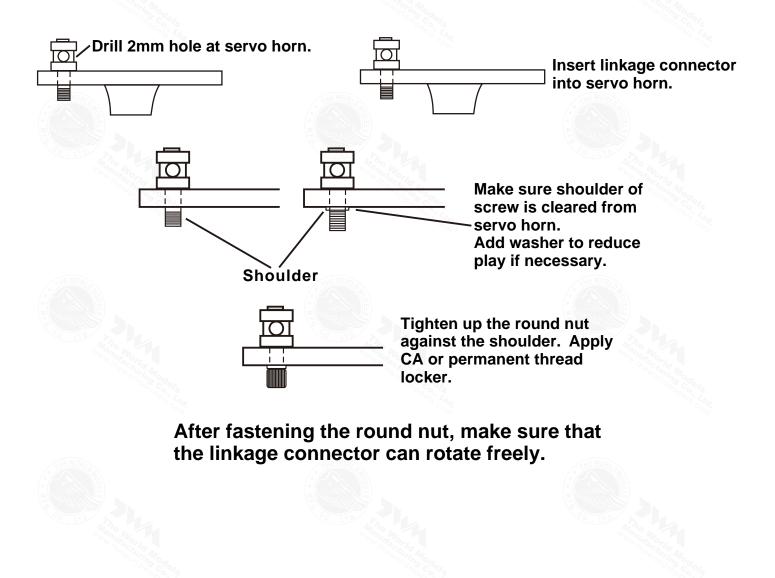








# LINKAGE CONNECTOR HW7111050 & HW7111060

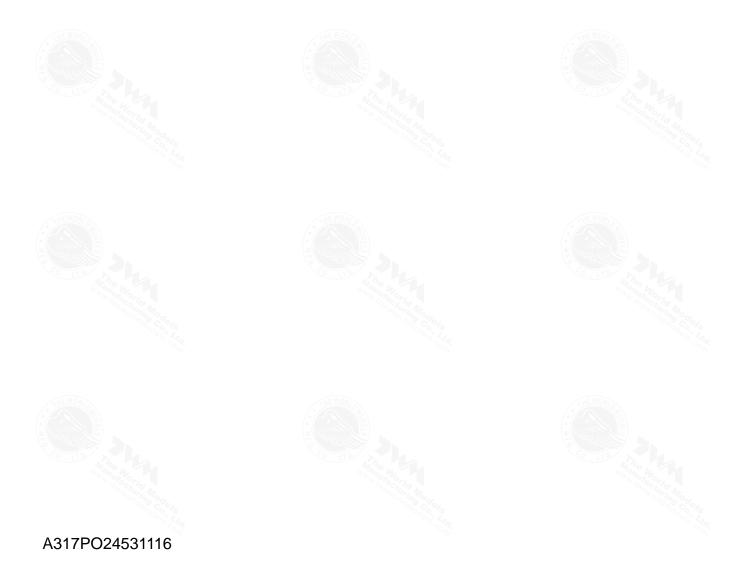


## **Product Registration Form (US Customers)**

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# Fus (QC numbers are stamped	selage QC# on wing and fuselage)	·····
5. Date of Purchase:	UE WORLD	
6. Store Name:		

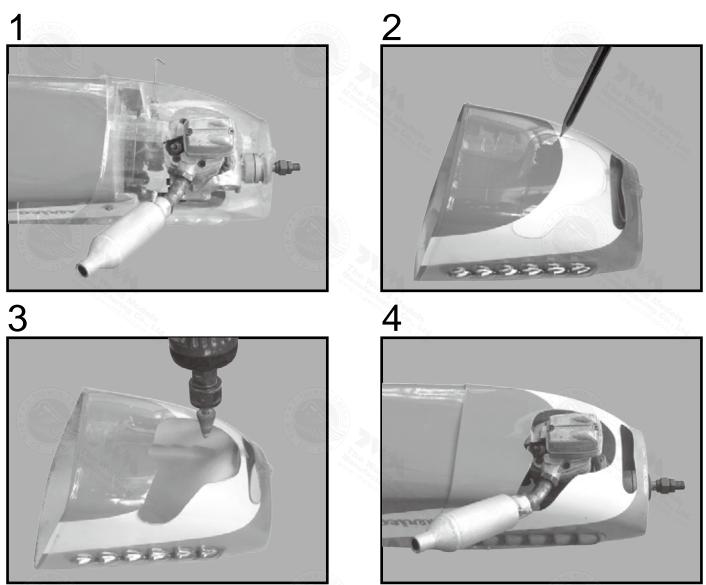
Please call AirBorne Models at 925 371 0922 for any assistance in filling this form. Thank you very much for purchasing our product.



# Usage of the transparent 3D template

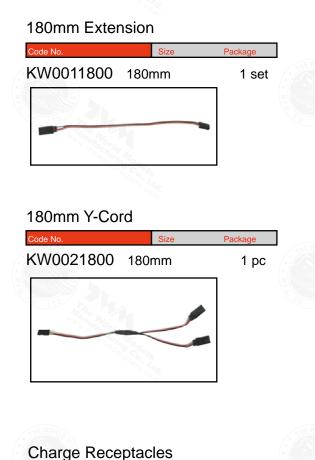


This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.



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.

# 



Code No.
Size

Package

KP0041300

Image: Code No.

Fuel Filler

Code No.

Size

Package

PL8110030
15 x 22 x 49mm
1 x 1 pc







## **Ducted Fan**

# Warbirds

Funfly

Scale

**Electric** 

# **Sports**

# Glider

Trainer

Boat

# Accessories

# Covering

(Lightex / Toughlon)



**The World Models** Manufacturing Co., Ltd. www.theworldmodels.com