

P-51 MUSTANG 46

A055



0.46 cu. in. displacement 2-stroke

Requires: 5-channel radio w/ 5 standard servos and 1 low profile retract servo

Specifications

Wing Span
Wing Area
Flying Weight
Fuselage Length

57.5 in / 1460 mm 585 sq in / 37.4 sq dm

6 lbs / 2.7 kg

49.6 in / 1260 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 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.*

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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) .



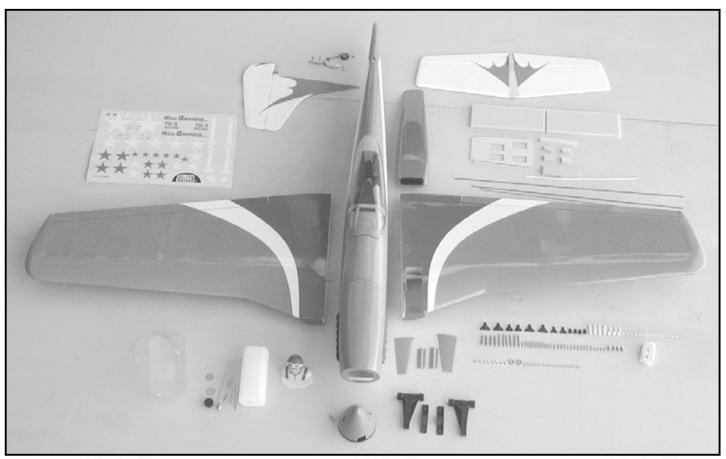
Pierce the shaded portion covering film.



Pay close attention here!



Do not overlook this symbol!

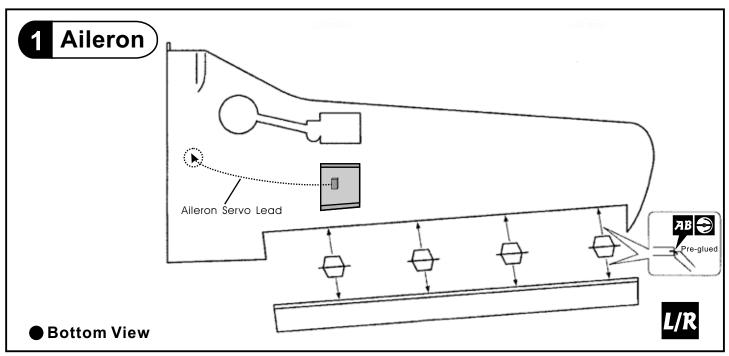


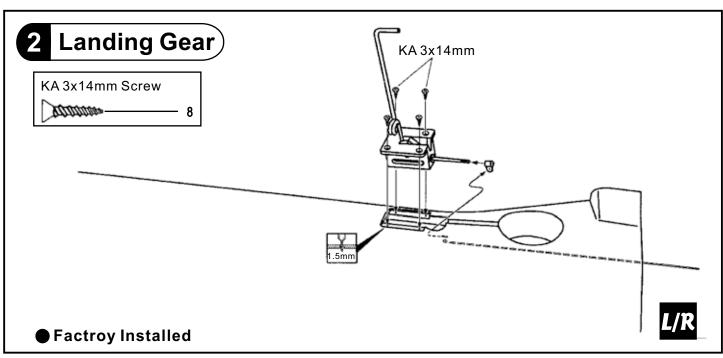
Parts List

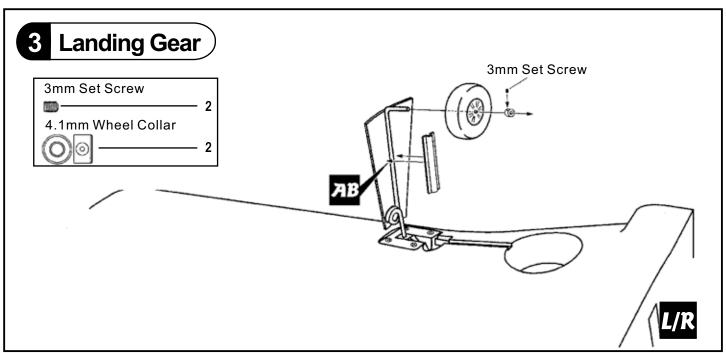
- 1. MAIN WING -- 1 pair
- 3. RETRACTABLE LANDING GEAR -- 1 pair MAIN LANDING GEAR COVER -- 1 set
- 4. WING JOINER 9x32.8x95mm -- 1 pc.
- 5. LINKAGE CONNECTOR Ø2.1mm w/ set screw -- 2 sets
- 6. SCREW PWA2.3x8mm -- 8 pcs BALSA 8x18x21mm (For Aileron Servo) -- 4 pcs PLYWOOD 2x55x85mm (For Aileron Servo) -- 1 pc.
- 7. SCREW PM2x16mm -- 2 pcs SCREW PM2x20mm -- 4 pcs FUEL TUBE Ø6x5mm -- 4 pcs TRI-HORN M3x14mm (S) (For Aileron) -- 2 sets STRAPER -- 2 pcs CLEVIS -- 2 pcs PUSHROD Ø1.8x90mm w/ Threads (For Aileron Servo) -- 2 pcs
- 8. STABILIZER & ELEVATOR -- 1 set FUSELAGE -- 1 pc.
- 9. VERTICAL FIN & RUDDER -- 1 set
- 10. TAIL LANDING GEAR -- 1 set
 WHEEL Ø25mm -- 1 pc.
 COLLAR Ø2.1mm w/ set screw -- 1 set
 SCREW PA3x12mm -- 2 pcs
 SCREW PM2x12mm -- 1 pc.
 ALUMINUM PLATE 0.5mm -- 1 pc.
 M2 NUT -- 1 pc.
- 11. FUEL TANK 320cc -- 1 set
 BALSA 10x10x98.5mm (For Fuel Tank Position Fixing) -- 1 pc.
- 12. ENGINE MOUNT PL5111050 -- 1 set SOCKET HEAD SCREW M4x25mm -- 4 pcs WASHER d4xD9mm -- 4 pcs
- 13. SCREW PM3.5x30mm -- 4 pcs WASHER d3.5xD8mm -- 8 pcs M3.5 NUT -- 8 pcs SPINNER Ø82mm -- 1 set A055PO17000906

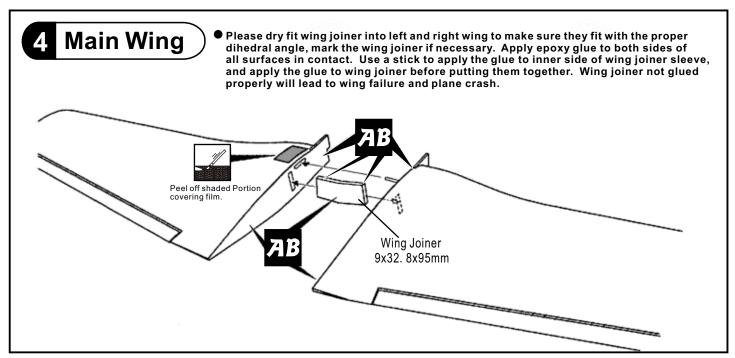
- 14. COWLING -- 1 pc.
 TRANSPARENT 3D TEMPLATE -- 1 pc.
 SCREW PWA2.6x12mm -- 4 pcs
 SILICON GROMMET d1.5xD6.5mm -- 4 pcs
- 15. LINKAGE CONNECTOR Ø2.1mm w/ set screw -- 2 sets
- 16. BALSA 6x6x140mm (For Servo Stand) -- 2 pcs PLYWOOD 3x95x163mm (Servos Stand) -- 1 pc. FUEL TUBE Ø6x5mm -- 1 pc. STRAPER -- 1 pc. THROTTLE PUSHWIRE Ø1.2x430mm -- 1 pc. PLASTIC TUBE d2xD3x300mm -- 1 pc.
- 18. SPONGE 60x70x97mm -- 1 pc. PUSHROD CONNECTOR 4x9x20mm (For Elevator) -- 1 set
- 19. SCREW PM2x12mm -- 3 pcs SCREW PM2x16mm -- 6 pcs FUEL TUBE Ø6x5mm -- 3 pcs CLEVIS -- 3 pcs TRI-HORN M3x14mm (L) -- 3 sets PUSHROD Ø1.8x518mm w/ Threads (For Elevator Servo) -- 2 pcs PUSHROD Ø1.8x657mm w/ Threads (For Rudder Servo) -- 1 pc. PUSHROD Ø1.8x93mm (For Elevator) -- 1 pc.
- 20. CANOPY -- 1 pc. SCREW PWA2.3x8mm -- 4 pcs SILICON GROMMET d1.5xD6.5mm -- 4 pcs PILOT (PC001063A/ PC001063B) -- 1 pc. DOUBLE-SIDED TAPE 8x800mm -- 1 pc.
- 21. SCREW PM4x30mm -- 2 pcs WASHER d4xD15mm -- 2 pcs
- 22. ARI SCOOP -- 1 pc. SCREW PM3x13mm -- 1 pc. WASHER d3xD7mm -- 1 pc.
- 23. DECALS A055DEC -- 1 set
- COVERING:--

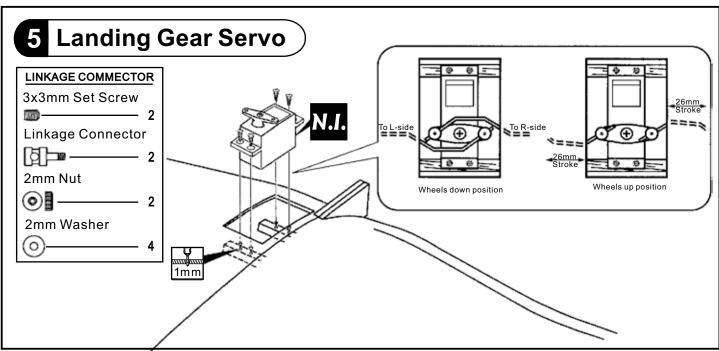
TOUGHLON STL 251 SKY BLUE
TOUGHLON STL312 BRIGHT RED
TOUGHLON STL100 WHITE
TOUGHLON STL 201 BLACK
TOUGHLON STL 330 CADMIUM YELLOW
TOUGHLON STL 370 SILVER
TOUGHLON STL250 BLUE

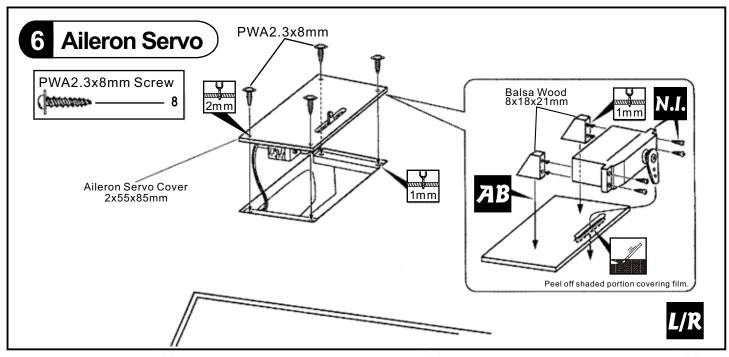


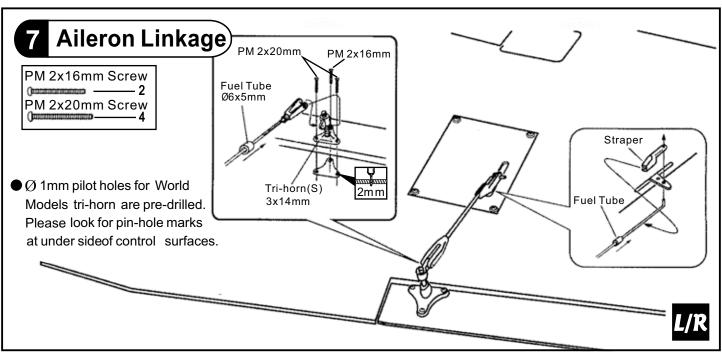


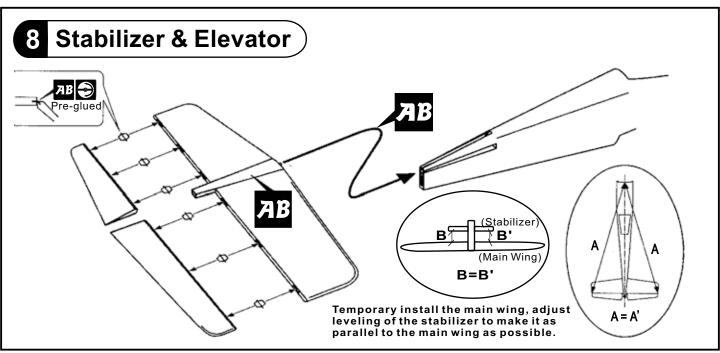


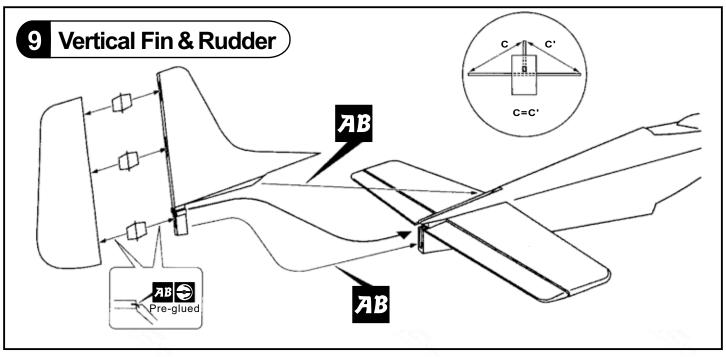


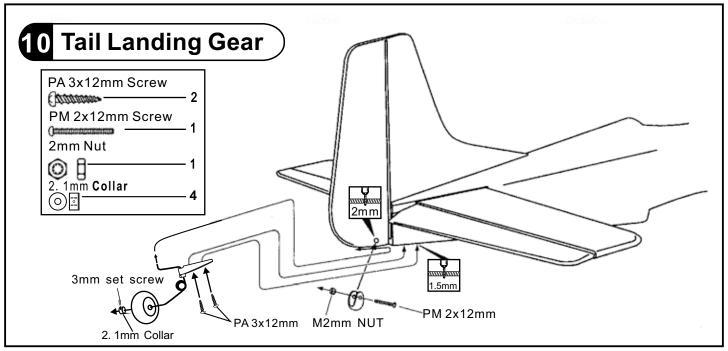


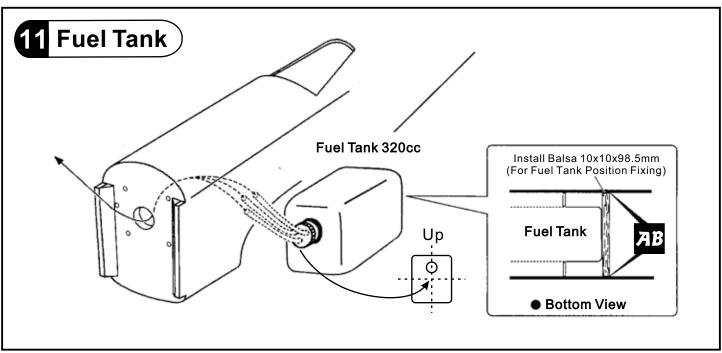


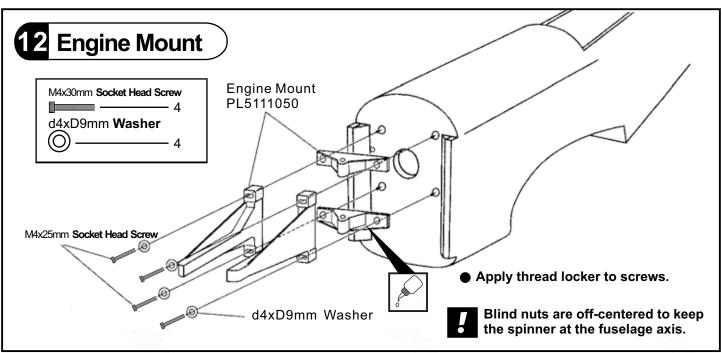


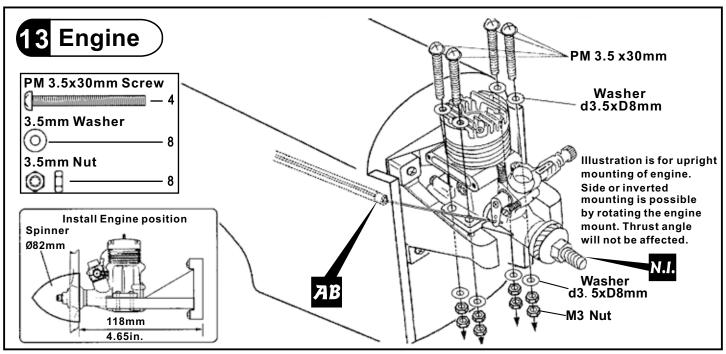


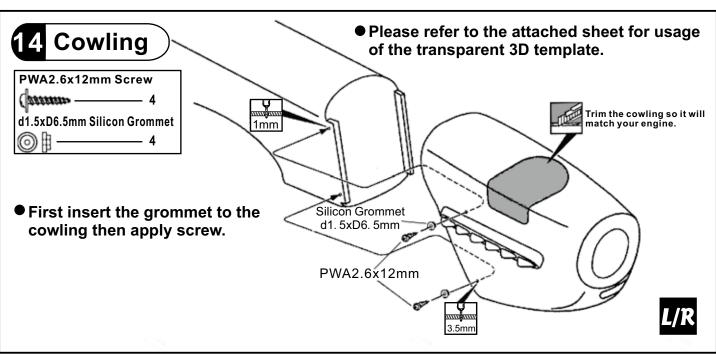


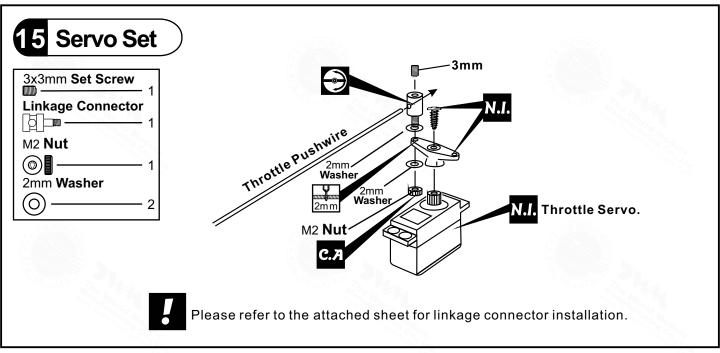


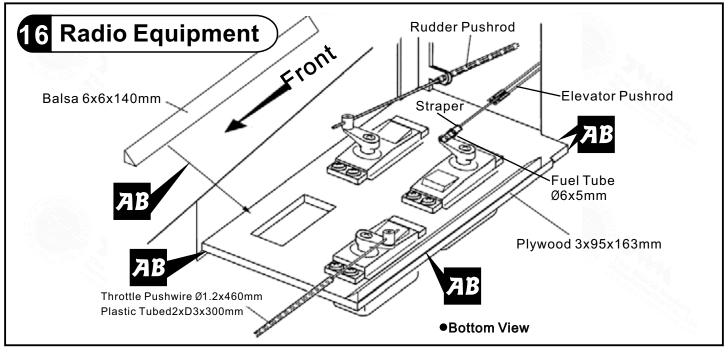


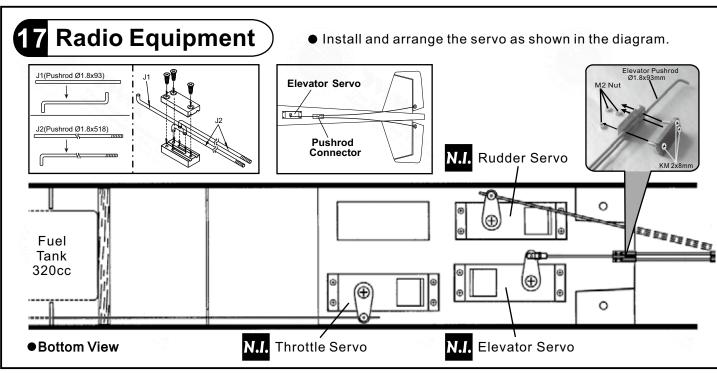


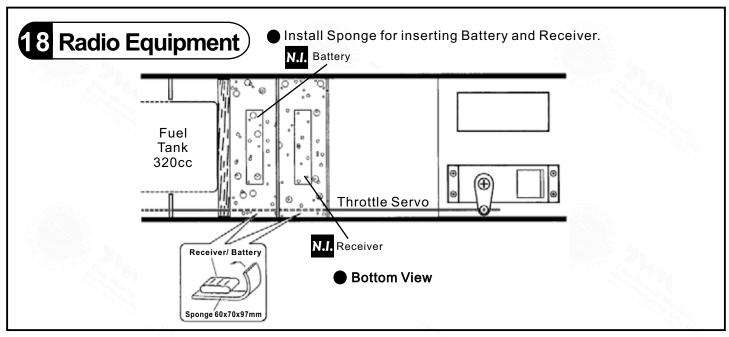


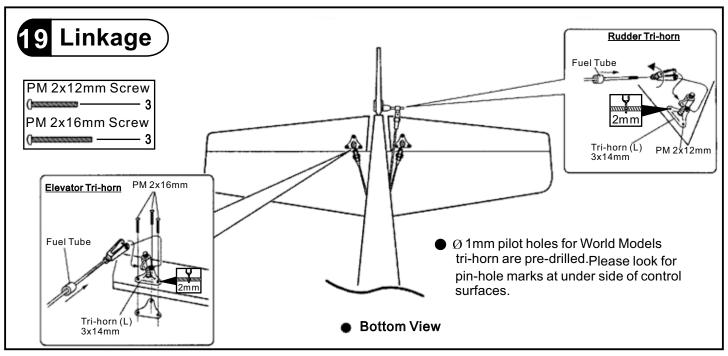


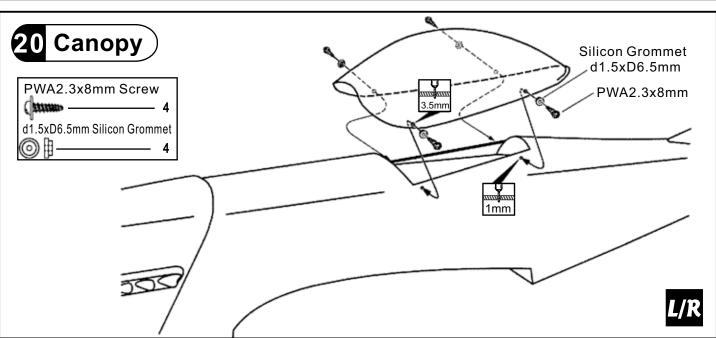


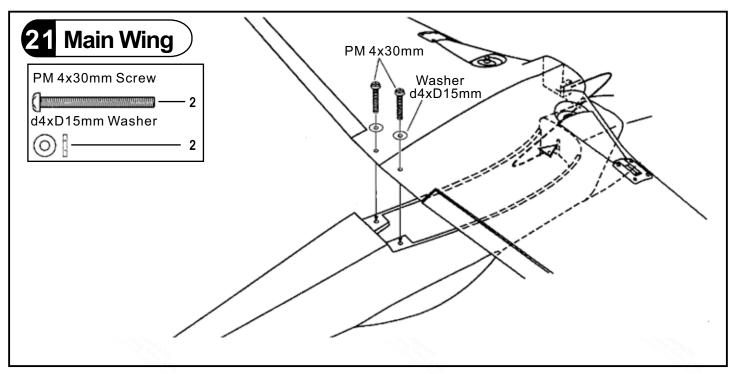


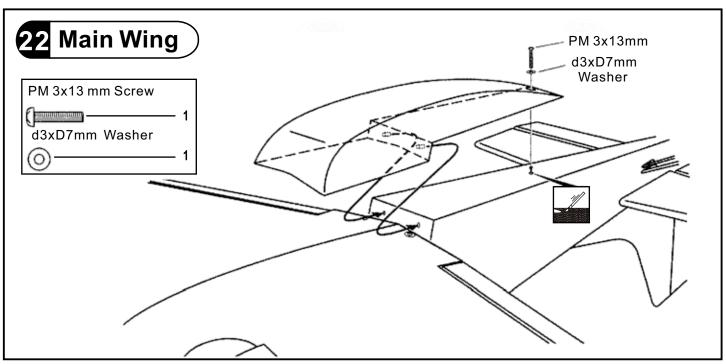


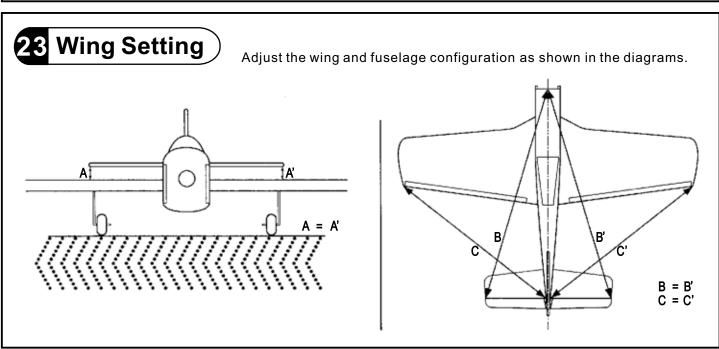


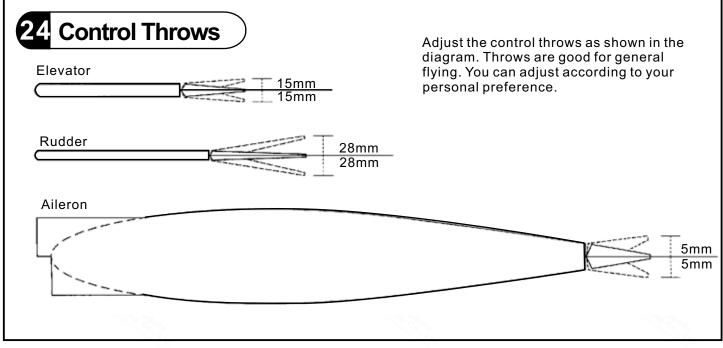


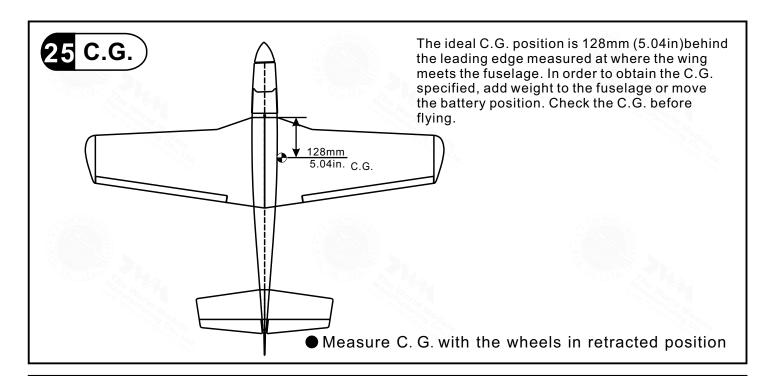














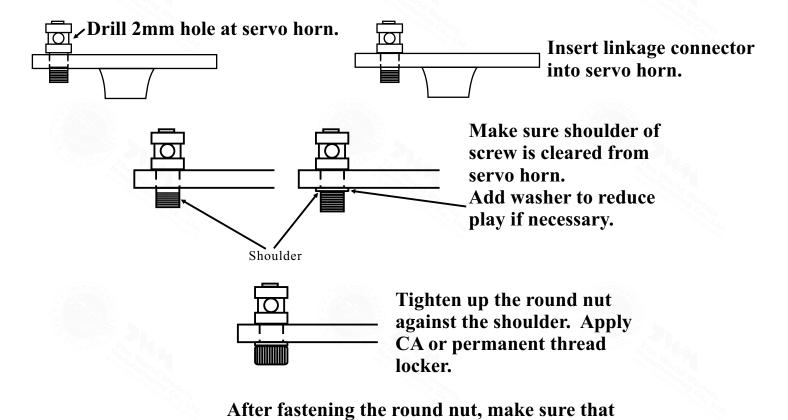
Important Safety Precautions

- # 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.
- # # 51 AM S TANG 4 is specially designed to be powered by **2C 0.46** 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.

A055PO17000906

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.

the linkage connector can rotate freely.

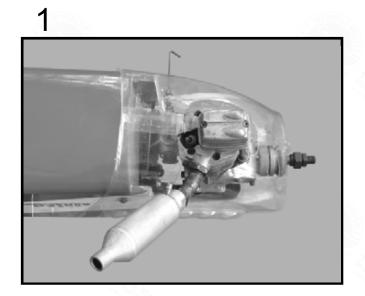
1.Name:	
2.Address:	
3.Phone #:	e-mail:
4.Model:	
Wing QC#F (QC numbers are stampe	uselage QC#d on wing and fuselage)
5.Date of Purchase:	
6.Store Name:	

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

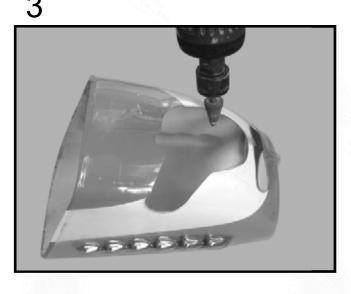
Usage of the transparent 3D template

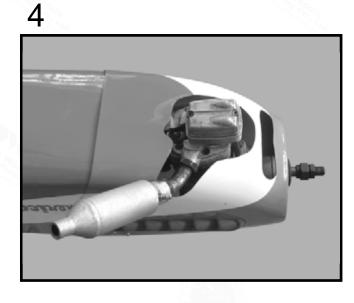


This transparent 3D template is used for position guidance of the actual cutting of the pre-painted cowling.



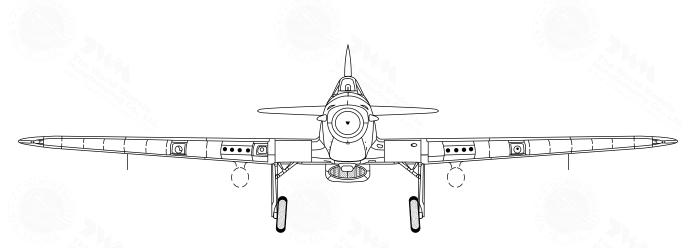






Simply cut the transparent 3D template to fit your engine and exhaust pipe, then slide onto the actual cowling and use as template to mark the openings required for final cutting.





Ducted Fan

Pattern

Warbirds

Funfly

Scale

Electric

Sports

Glider

Trainer Boat

Accessories

Covering

(Lightex / Toughlon)

