

## MIDGET MUSTANG



# 0.61 cu.in. displacement 2-cycle 0.91 cu.in. displacement 4-cycle

Radio required: 4 - channels radio w/ 5 standard servos

#### Specifications

Wing Span Wing Area Flying Weight Fuselage Length 59.5 in / 1510 mm 667 sq in / 43.0 sq dm 7.5 lbs / 3400 g 51.0 in / 1290 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.



<sup>\*</sup> Specifications are subject to change without notice.\*

## MIDGET MUSTANG



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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 : -
  - AB Apply e

Apply epoxy glue.



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



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).



Must be purchased separately!



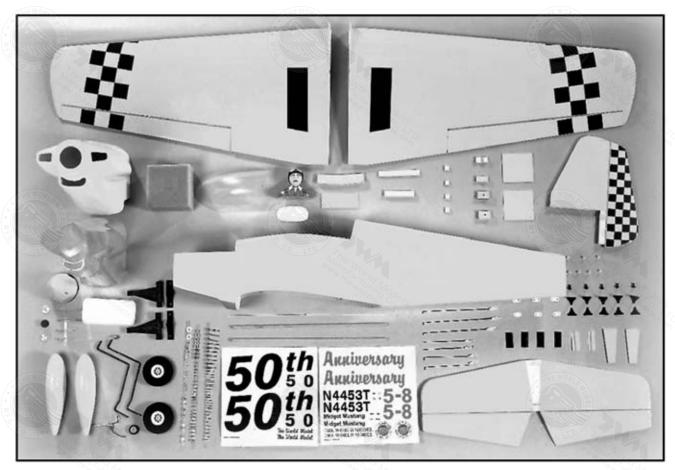
Pay close attention here!



Do not overlook this symbol!



Pierce the shaded portion covering film.



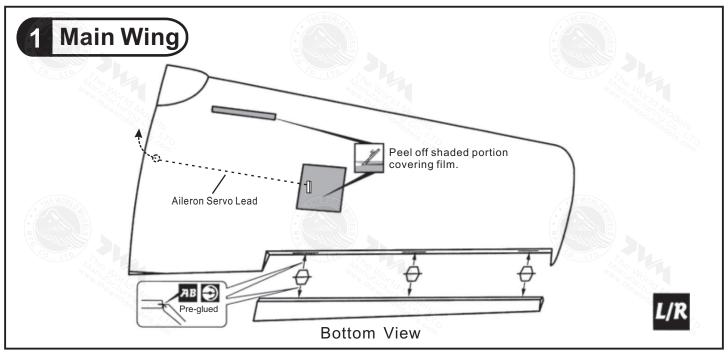
#### **Parts List**

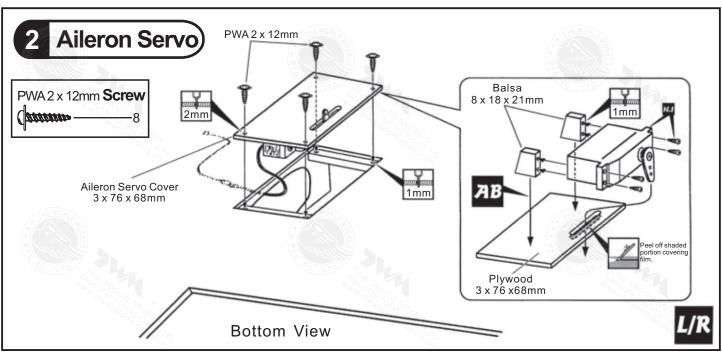
- 1. MAIN WING -- 1 pair
- 2. PLYWOOD 3x76x68mm (Aileron Servo Cover) -- 1 pair BALSA 8x18x21mm (For Aileron Servo Stand) -- 4 pcs SCREW PWA2x12mm -- 8 pcs
- 3. SCREW PM2 x 20mm -- 6 pcs
  TRI-HORN M3 x 14mm (L) -- 2 sets
  CLEVIS -- 2 pcs
  STRAPER -- 2 pcs
  FUEL TUBE Φ6 x 5mm -- 4 pcs
  PUSHROD Φ1.8 x 110mm w/ Threads (For Aileron Servo) -- 2 pcs
- 4. MAIN LANDING GEAR--1 pair MAIN LANDING GEAR COVER--1 pair MOUNTING PLATE PL4114020 --4 pcs SCREW PA2. 6x10mm --8 pcs SCREW PM2 x 8mm--8 pcs WASHER d2xD5mm --16 pcs M2 NUT --8 pcs
- 5. SCREW PA2. 6 x 10mm -- 4 pcs COLLAR Ф4.1mm w/ set screw -- 4 sets WHEEL PANTS--1 pair MAIN WHEEL Ф80mm -- 2 pcs MOUNTING PLATE PL4114020 -- 2 pcs
- 6. WOODEN 9x25.2x124. 5mm (Wing Joiner) -- 1 pc.
- 7. STABILIZER & ELEVATOR -- 1 set FUSELAGE-- 1 pc.
- 8. VERTICAL FIN & RUDDER --1 set TAIL LANDING GEAR --1 set TAIL WHEEL Ф25mm --1 pc. SCREW PA3x12m--2 pcs COLLAR Ф2.1mmw/ setscrew --1 set
- 9. FUEL TANK 380cc -- 1 set PLYWOOD 3x15x105mm (For Fixing Fuel Tank) -- 1 pc. BALSA 6x15x78mm (For Fixing Fuel Tank) -- 1 pc.
- 10. ENGINE MOUNT PL5111070 -- 1 set SOCKET HEAD SCREW M4x25mm -- 4 pcs WASHER d4xD15mm -- 4 pcs
- 11. SCREW PM4x30mm -- 4 pcs SPINNER Ф82 mm -- 1 pc. THROTTLE PUSHWIRE Ф1.2 x 460mm w/ Plastic Tube d2 x D3 x 240mm -- 1 set

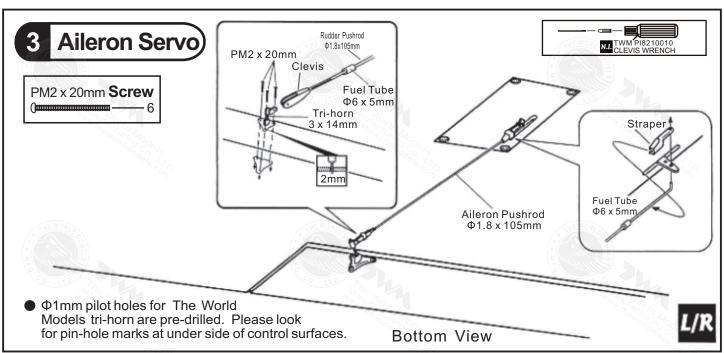
WASHER d4xD9mm -- 8 pcs M4 NUT -- 8 pcs

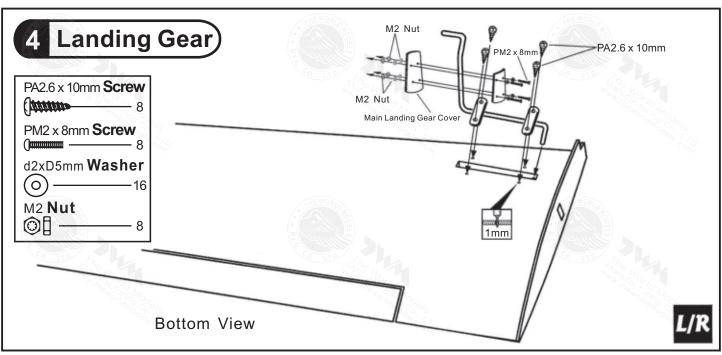
- 12. COWLING -- 1 pc.
  TRANSPARENT DUMMY COWLING -- 1 pc.
  SILICON GROMMET d1.5xD6.5mm -- 5 pcs
  SCREW PWA2. 6 x 12mm -- 5 pcs
- 13. LINKAGE CONNECTOR Ф2.1 mm -- 1 set
- 14. SCREW PM2x16mm -- 3 pcs
  TRI-HORN M3x14mm (L) -- 1 set
  CLEVIS -- 1 pc.
  FUEL TUBE Φ6 x 5mm -- 1 pc.
  PUSHROD Φ1.8x615mm w/ Threads (For Rudder) -- 1 pc.
- 15. SCREW PM2x16mm -- 6 pcs
  TRI-HORN M3x14mm (L) -- 2 sets
  CLEVIS --2 pcs
  FUEL TUBE Φ6x5mm -- 2 pcs
  PUSHROD Φ1.8x525mm w/ Threads (For Elevator) -- 2 pcs
- 16. BALSA 6x6x143mm (For Servos Stand) -- 2 pcs PLYWOOD 3x116x172.5mm (Servos Stand) -- 1 pc. FUEL TUBE Φ6x5mm -- 1 pc. PUSHROD CONNECTOR -- 1 set PUSHROD Φ1.8x90mm w/ Threads (For Elevator) -- 1 pc. SPONGE 60x70x110mm -- 1 pc.
- 17. CANOPY -- 1 set SCREW PWA2. 3X8mm -- 5 pcs SILICON GROMMET d1.5xD6.5mm -- 5 pcs PILOT (#PC001085 A / B) -- 1 pc.
- 18. SCREW PM4x35mm -- 2 pcs WASHER d4xD15mm -- 2 pcs PLYWOOD 2x40x110mm (Wing Protection ) -- 1 pc.
- 19. DECALS -- 1 set
- COVERING:--

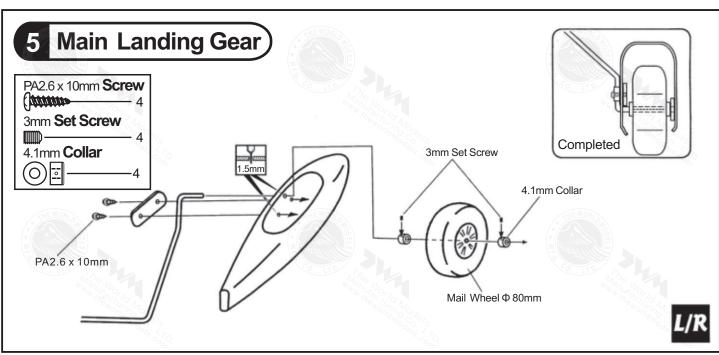
LIGHTEX STL 100 WHITE
LIGHTEX STL 201 BLACK
LIGHTEX STL 330 CADMIUM YELLOW
LIGHTEX STL 331 CUB YELLOW
LIGHTEX STL 350 CORSAIR BLUE
LIGHTEX STL 432 CHECKER(BLACK/YELLOW)

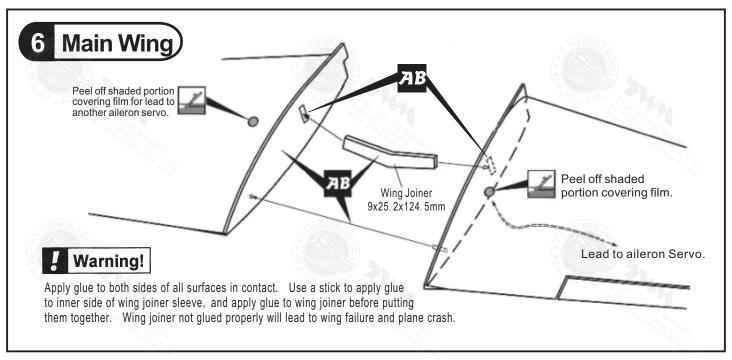


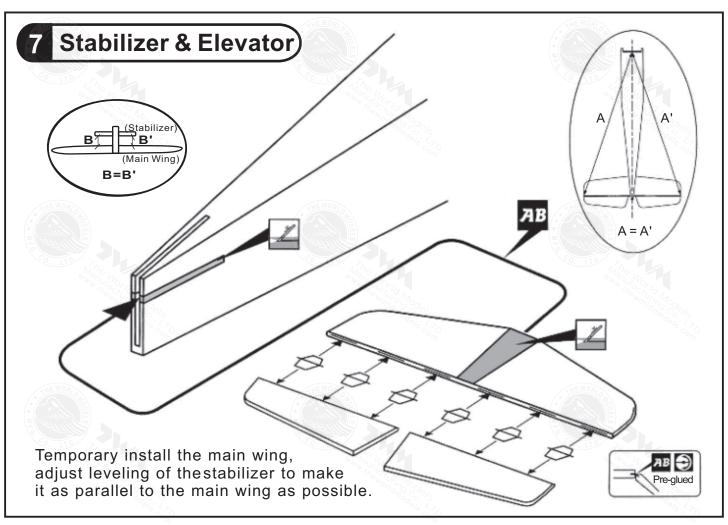


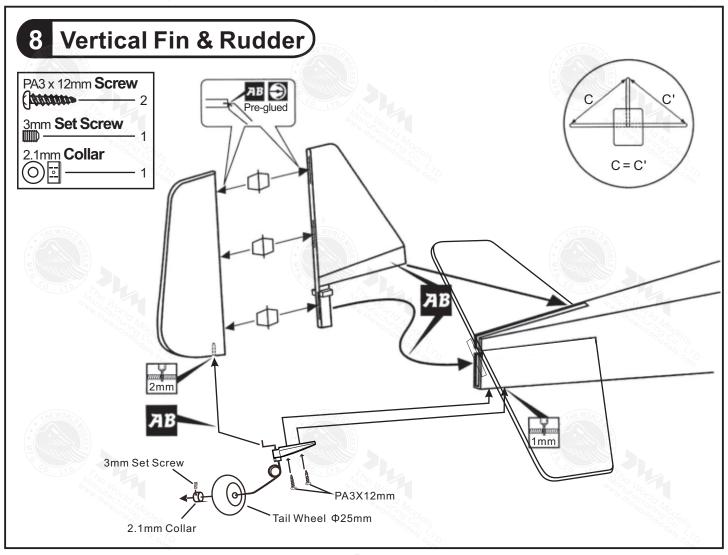


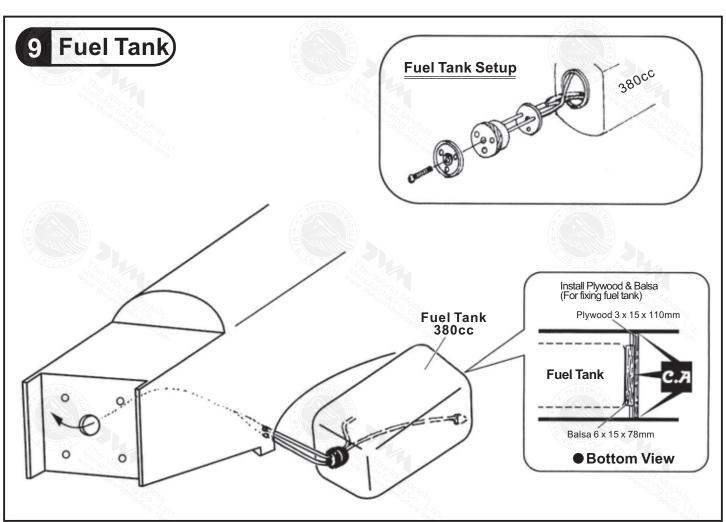


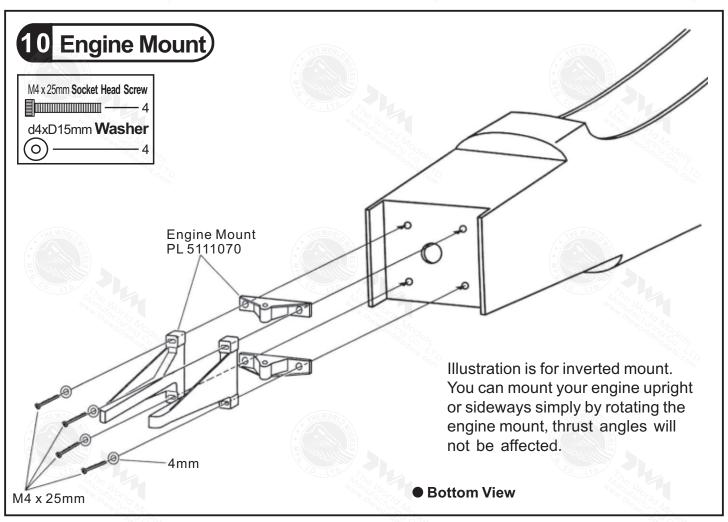


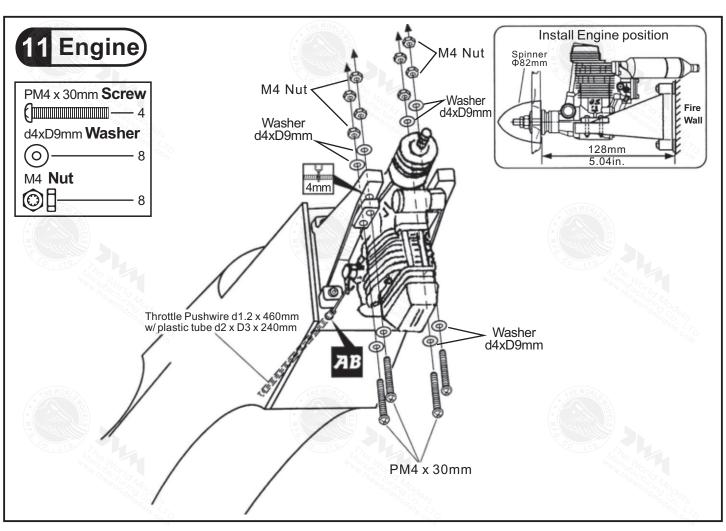


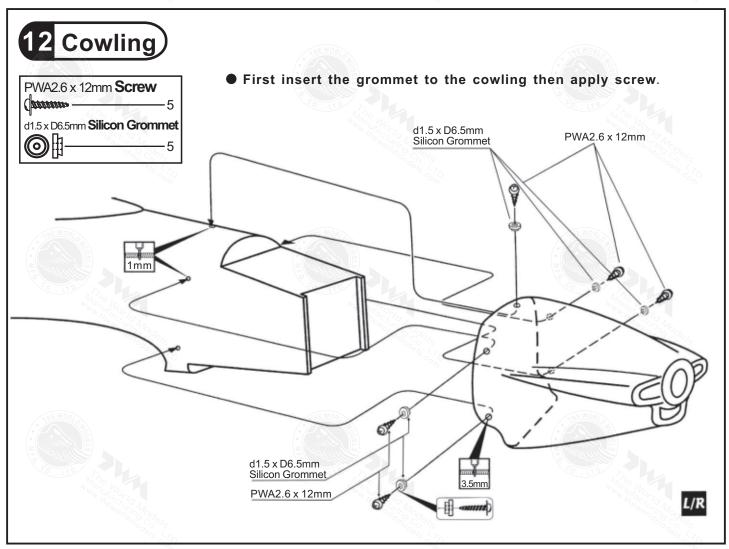


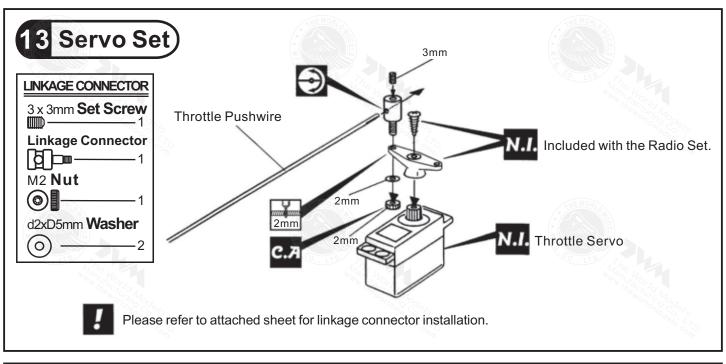


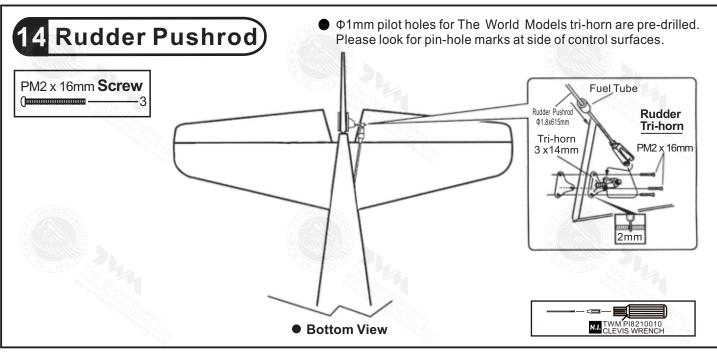


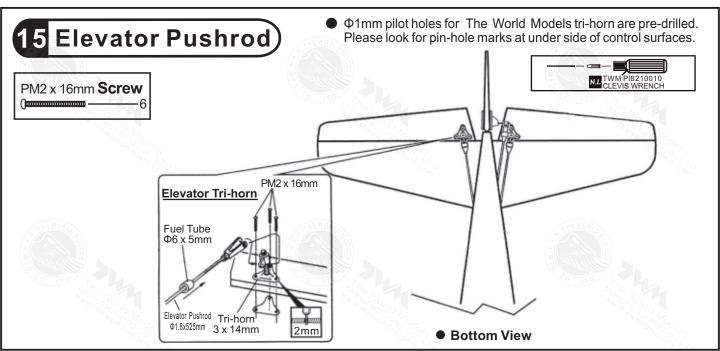


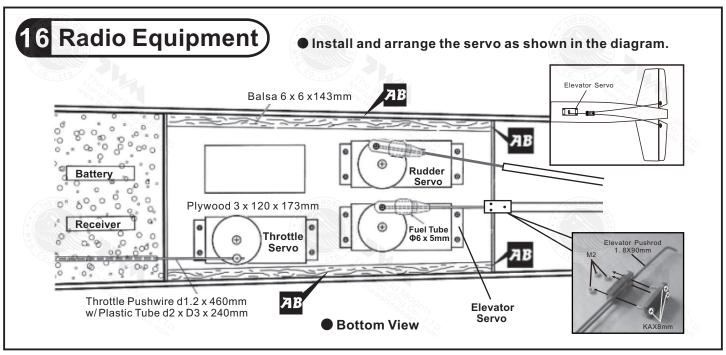


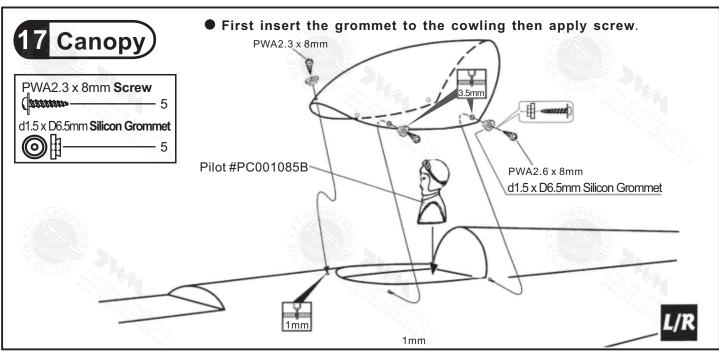


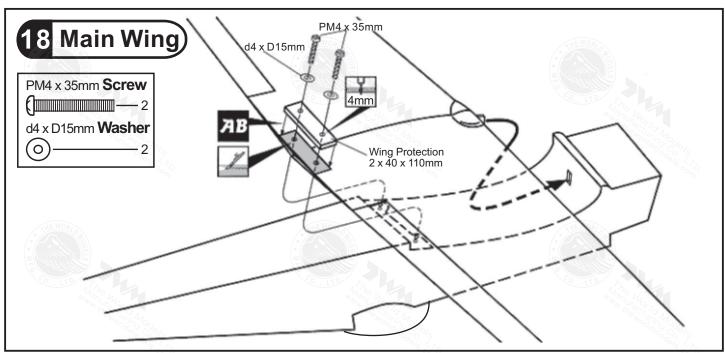


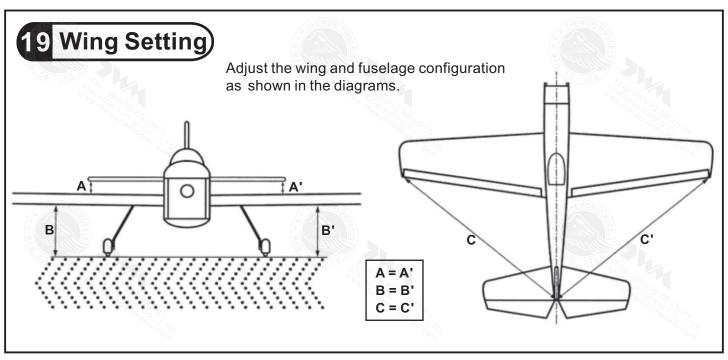


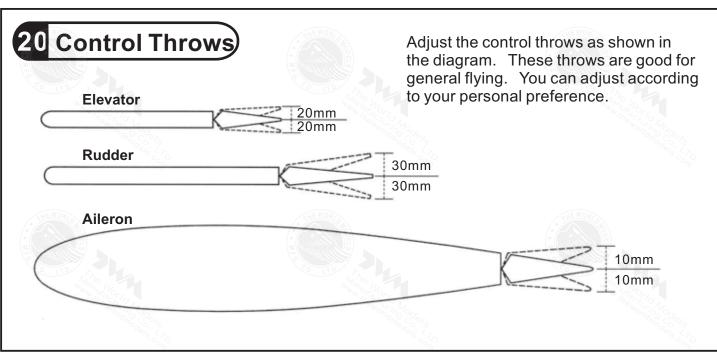


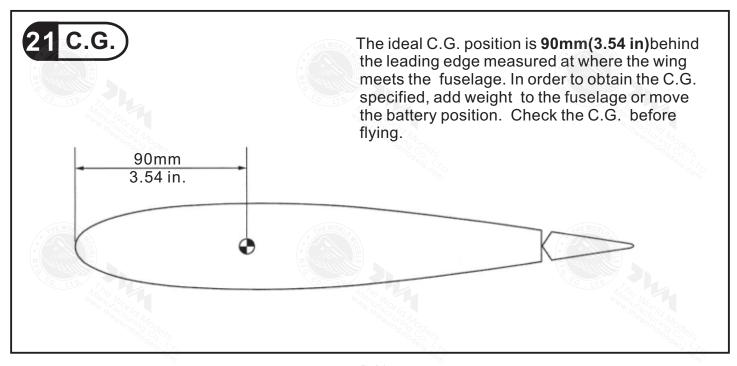














#### **Important Safety Precautions**

#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.

**#MIDGET MUSTANG** is specially designed to be powered by **2C 0.61 or 4C 0.91**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.

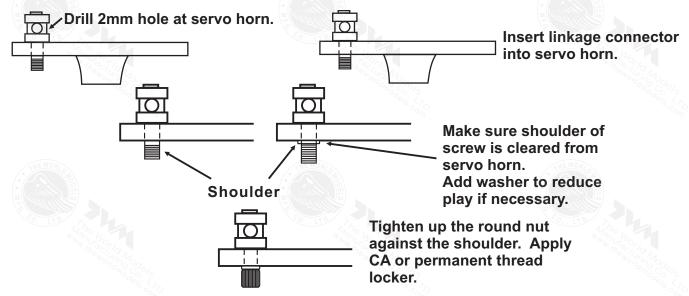
#If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering.

#Check and re-tighten up all factory assembled screws, use thread locker if applicable.

#### A0720705

### 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.

$v_{i}, v_{k}, v_{0}$	$u_{i}$ , $u_{i}$
1.Name:	The state of the s
2.Address:	
3.Phone #:	e-mail:
4.Model:	
Wing QC#	Fuselage QC#
(QC numbers are stamp	ed 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.