### **IDDITION MANUAL**

# SPITFIRE EP



Outrunner Motor <

Requires :4-channel radio w/ 4 micro servos, 20A brushless ESC, 3 cells 11.1V 2100 mAh Li-Po battery & charger



Wing Span Wing Area Flying Weight

**Fuselage Length** 

39.5 in / 1000mm

257 sq in / 16.6 sq dm

26 oz / 740g

32.6 in / 830mm

\*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 electric 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.

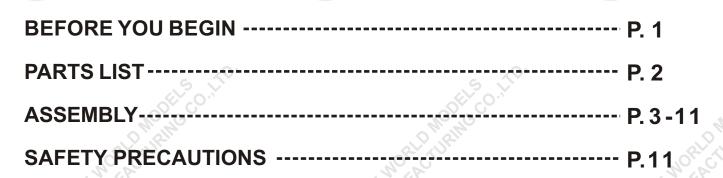


THE WORLD MODELS
MANUFACTURING CO.,LTD.
FACTORY PRE-FABRICATED
ALMOST-READY-TO-FLY (ARF) SERIES
MADE IN CHINA
www.theworldmodels.com



# SPITFIRE EP





## BEFORE YOU BEGIN

- 1 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.

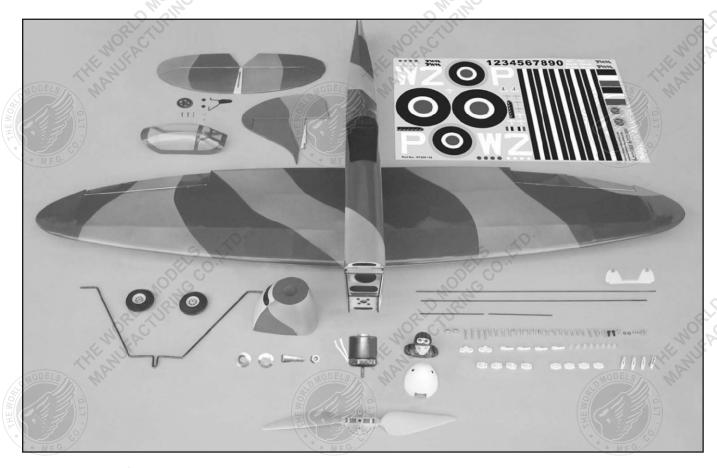


Pay close attention here!





Do not overlook this symbol!



### Parts List

1. MIAN WING--1 pair

2. CLEVIS--2 pcs

STRAPER--2 pcs

FUEL TUBE d2xD4x4mm--4 pcs

HORN(S) -- 2 sets

SCREW PM2x16mm--4 pcs

PUSHROD Ø1. 4x95mm w/Threads (For Aileron) -- 2 pcs

3. FUSELAGE--1 pc.

STABILIZER & ELEVATOR--1 set

ELEVATOR LINK PL4510010--1 pc.

SCREW PM2x8mm--2 pcs

4. VERTICAL FIN & RUDDER--1 set

5. TAIL LANDING GEAR--1 set

TAIL WHEEL Ø23mm--1 pc.

SCREW PA2x8mm--2 pcs

ALUMINUM PLATE 0. 3mm--1 pc.

SCREW PM2x6mm--1 pc.

M2 NUT--1 pc.

6. HORN(S) -- 1 set

FUEL TUBE d2xD4x4mm--1 pc.

CLEVIS--1 pc.

SCREW PM2x8mm--2 pcs

PUSHROD Ø1. 4x430mm w/Threads (For Rudder) -- 1 pc.

7. FUEL TUBE d2xD4x4mm--1 pc.

CLEVIS--1 pc.

PUSHROD Ø1. 4x423mm w/Threads (For Elevator) -- 1 pc.

8. DIRECT DRIVE BRUSHLESS MOTOR KM0283010--1 set

PROPELLER ADAPTOR HW2340100 -- 1 set

FOLDING PROPELLER PL6314020 -- 1 set

COWLING-1 pc.

SPINNER Ø45mm--1 pc.

SCREW PWA2x8mm--4 pcs

SCREW PM3x6mm-- 4 pcs

WASHER d3xD7mm--4 pcs

9. STRAPER-2 pcs

FUEL TUBE d2xD4x4mm-2 pcs

SPONGE 10x50x150mm-1 pc.

BATTERY TIE-1 pc.

DOUBLE-SIDED TAPE-- 1 pc.

10. PLYWOOD 2x20x55mm--1 pc.

NYLON BOLT M2. 5x20mm--2 pcs

NYLON WASHER d2. 6xD9mm--2 pcs

11. MAIN LANDING GEAR--1 pc.

MAIN WHEEL Ø40mm--2 pcs

MOUNTING PLATE PL4114030 (For Main Landing Gear) -- 2 pcs

SCREW PA2. 3x12mm--4 pcs

COLLAR Ø2.6mm w/Set Screw--2 sets

12. CANPOY--1 pc.

SCREW PWA2x8mm--4 pcs

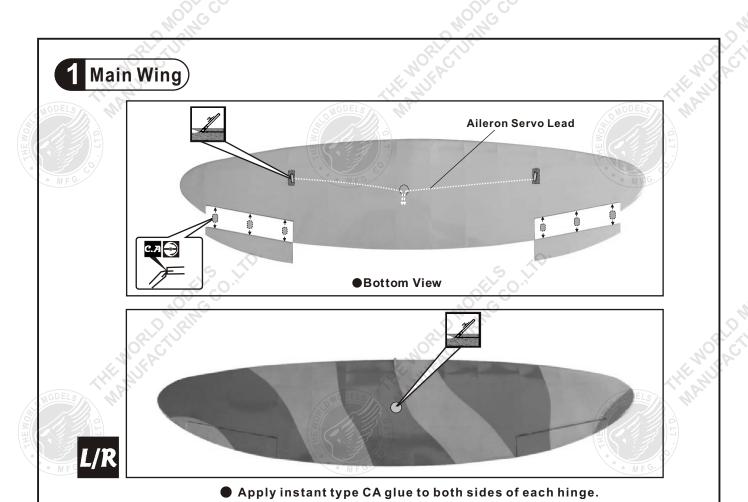
PILOT--1 pc.

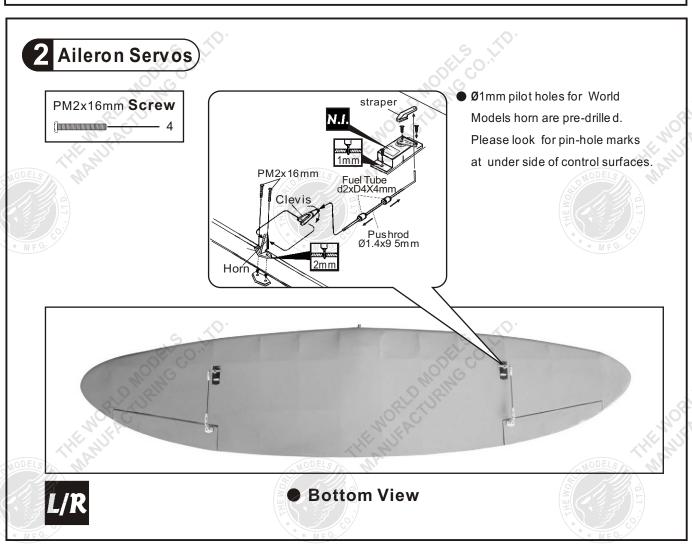
13. DECALS--1 set

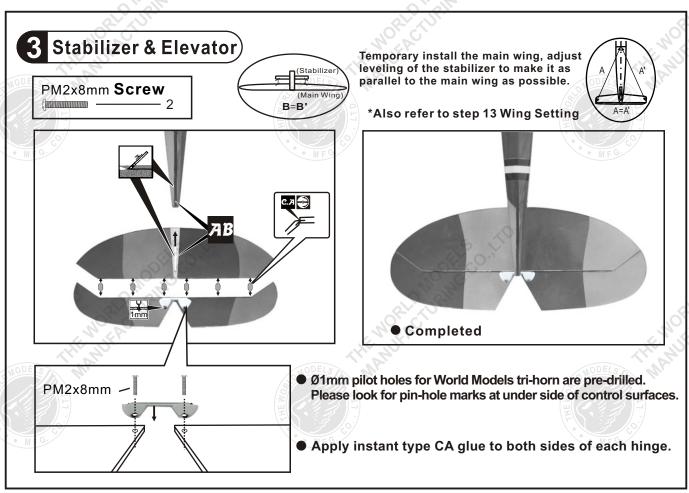
**•**COVERING:

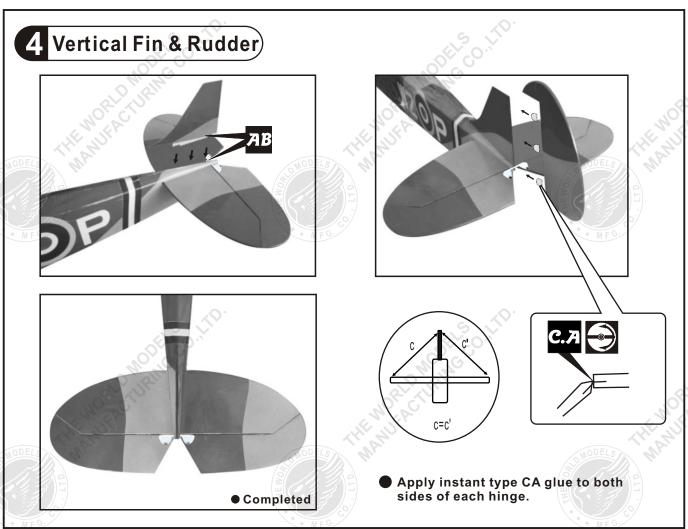
LIGHTEX SGX203 LIGHT GRAY

LIGHTEX SGX340 OLIVE DRAB

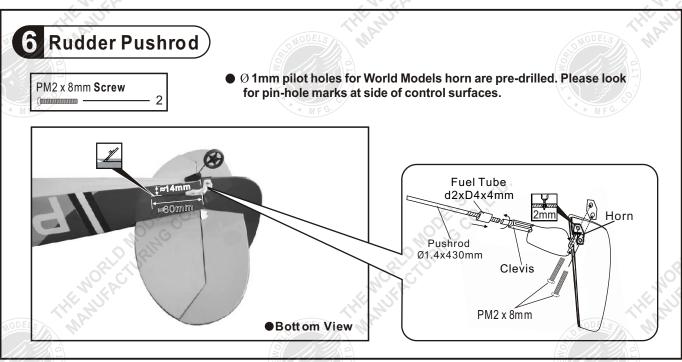


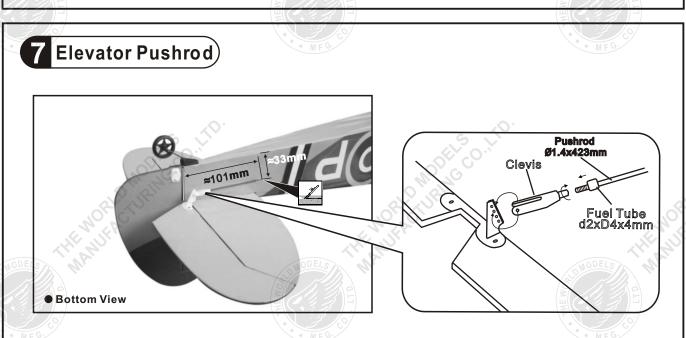


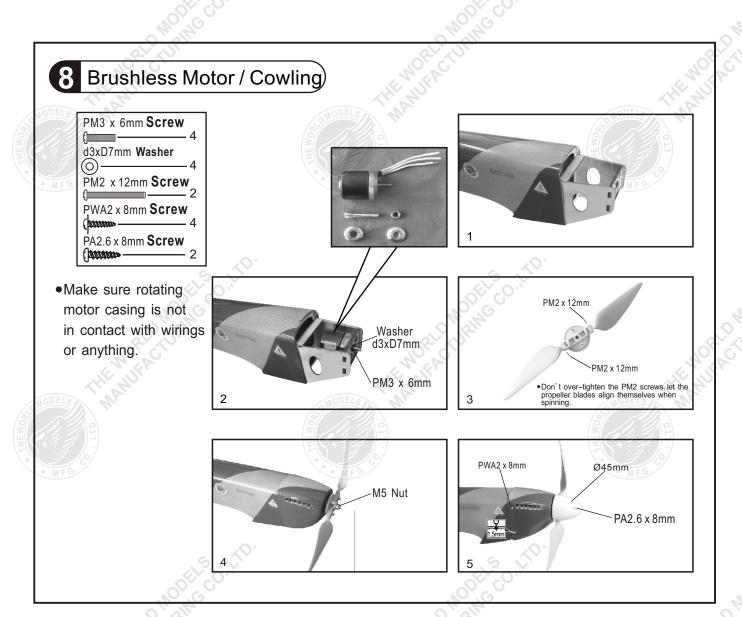


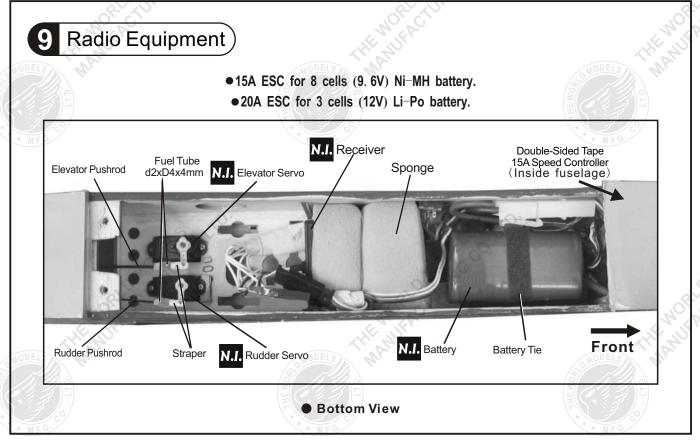


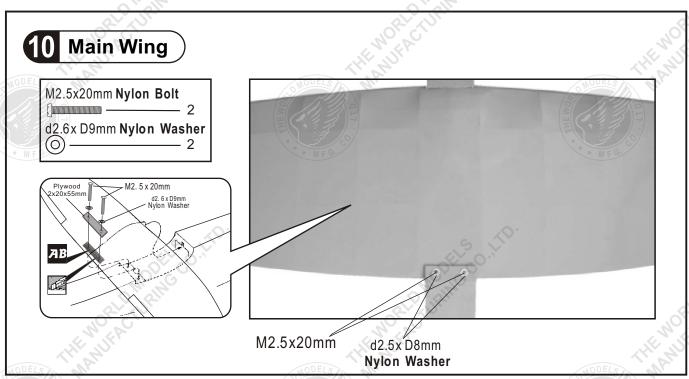
# FA2x8mm Screw (Name of the collar of the col

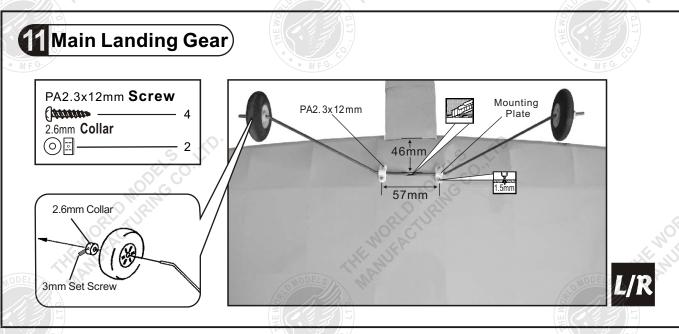


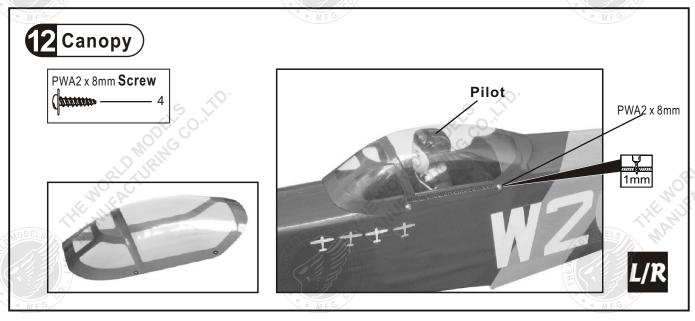


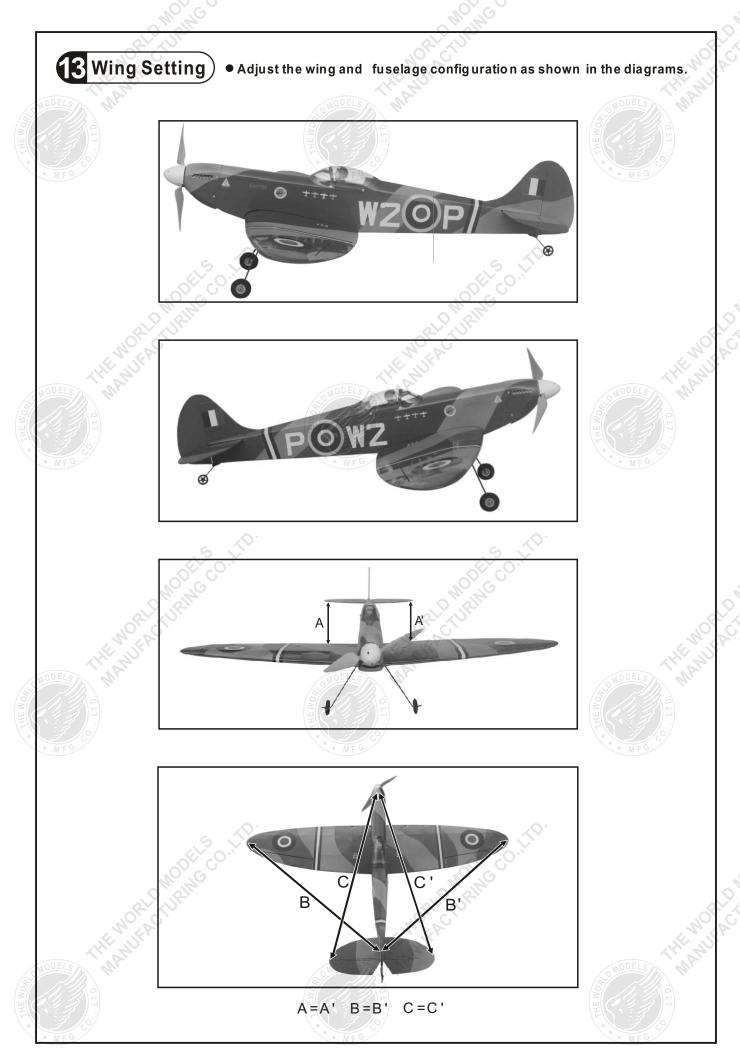


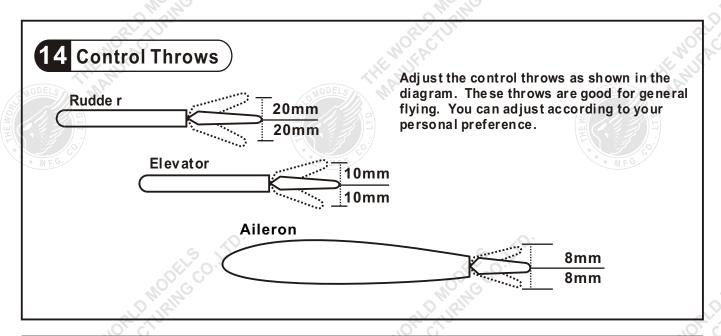


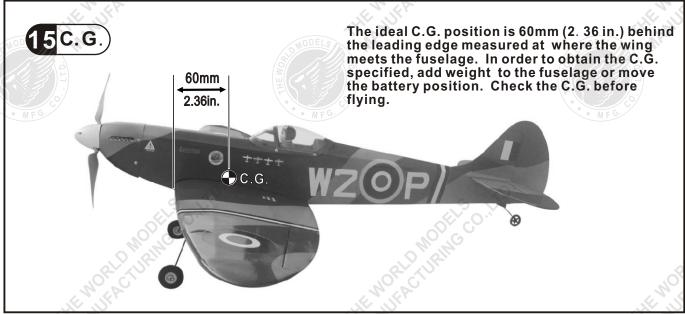












## **!** Warning!

### **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.
- #**SPITFIRE EP** is specially designed to be powered by **KM0283010** 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.

### **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, 2403, Research Drive, Livermore, CA 94550.U.S.A.

1.Name:		

2.Address:

3.Phone #:\_\_\_\_\_\_\_ e-mail: \_\_\_\_\_\_

4.Model:

Wing QC#\_\_\_\_Fuselage QC# \_\_\_\_\_(QC numbers are stamped 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.







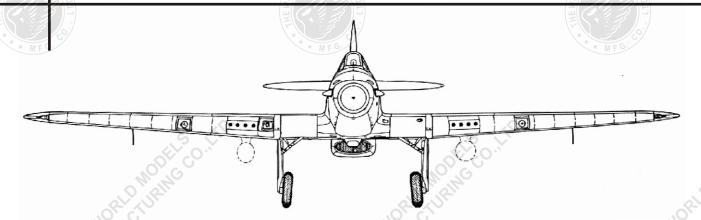








# The World Models



**Ducted Fan** 

**Pattern** 

Warbirds

Funfly

Scale

Electric

**Sports** 

Glider

**Trainer** 

Boat



Covering

(Lightex / Toughlon)



http://www.theworldmodels.com