Weekender by HITEC

# WARBIRDS

## OPERATION MANUAL Ver 1.0

P51D MUSTANG

HAWKER HURRICANE MKIIB

F4U CORSAIR

P2GO

www.hitecrcd.com

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## INTRODUCTION

Thank you for purchasing a radio controlled warbird model from Weekender by Hitec. Featuring assembled airframes with pre-installed servos, brushless motors and efficient speed controls, these sporty military classics assemble within minutes to provide high adrenaline excitement for all beginner to intermediate pilots. Each has four channel control for ailerons, elevator, throttle and rudder and a realistic military paint scheme that will have you harkening back to the glory days of World War II. Fly the Adventure!

### Warning, Caution, Tip and Note Boxes


Warning


Caution

Tip


Note

**Warning:** Be sure to read this section for your own safety.
**Caution:** Be sure to read this section to prevent accidents and damage to your model.
**Tip:** This section will help you maximize the performance of your model.
**Note:** This section will provide more detailed explanations.


Caution

Weekender Warbirds are radio control model planes designed for novice pilots over the age of 14. Improper assembly or user negligence can lead to serious injury and/or property damage to yourself or other persons. Weekender is not responsible for any damages or injuries caused by the user's negligence or improper assembly of the model. Be sure to read the instruction manual thoroughly before assembly and flying.


Caution

Safety is of the utmost importance when flying any model aircraft. Third party insurance is mandatory. If you join a model club or association, suitable coverage will usually be available through the organization. It is your personal responsibility to ensure that your insurance is adequate (i.e. that its coverage includes powered model aircraft). Always fly in such a way that you do not endanger yourself or others. Bear in mind that even the best RC systems are subject to outside interference. No matter how many years of accident-free flying you have, there is always the possibility of an unforeseen problem or error that can cause an accident. Make it your job to keep your models and your radio control system in perfect operating condition at all times. Check and observe the correct charging procedure for the batteries you are using.
**Before every flight, check that the wings and the tail panels are attached and firmly seated. Also check to make sure that each control surface is operating correctly.**


Warning


Caution

Tip

**Flying Your Aircraft**

- You should only fly at an official model airfield.
- Check that other pilots and spectators are positioned safely before flying your model.
- Wait for other pilots to land their models if they are flying already.
- Do not fly the plane behind yourself or others.
- Do not fly under the influence of alcohol or drugs or if you are feeling ill.
- Do not fly during thunderstorms or high wind.
- Do not fly in an area where people are gathered or near tall buildings.
- Do not fly near streets or where vehicles or trains pass by.
- Do not fly near explosive materials.
- Do not fly near power lines or transmission towers.
- Be sure to do pre-flight safety checks of the model before flying.
- Always remember that the pilot is responsible for any outcome that may occur during the flight.

# P51D MUSTANG

## FEATURES AND SPECIFICATIONS

**Features**

- Realistic Military Paint Scheme
- Semi-Assembled Airframe Finishes in Minutes
- Pre-installed Servos, Brushless Motor and ESC
- Four Channel Control:
  Throttle, Rudder, Elevator and Ailerons

**Specifications**

- Wingspan: 29.5 in.
- Weight: 15 oz.
- Length: 25.5 In.
- Motor: WBL-1200
- ESC: WBE-12A

## ITEMS REQUIRED TO READY THIS MODEL FOR FLIGHT

P2GO

The P51D Mustang is a Plug and Play (P2GO) type model that requires additional items for operation. The items listed below are needed to fly.

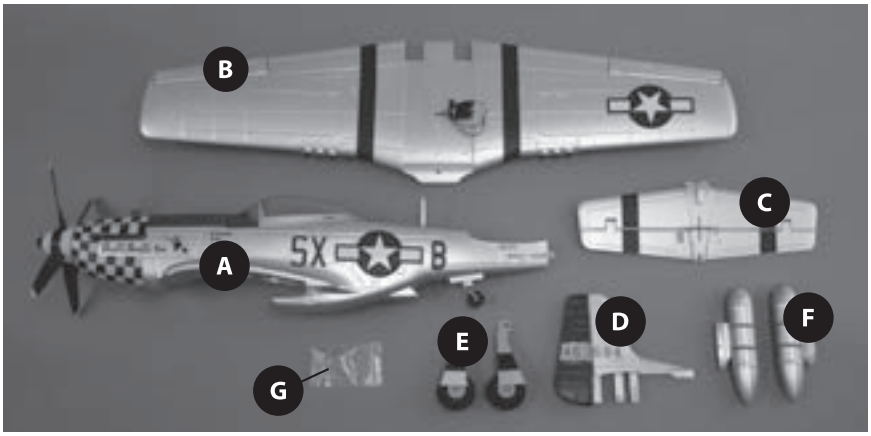
- 4-Channel Radio and Receiver
- 1000 mAh 7.4V LiPo battery and Suitable Charger

## PARTS LAYOUT AND LISTING

Note

Before assembly, it is important that you remove the parts from the packaging and check to make sure that all the parts are included and that they are in good condition.

A. Fuselage Assembly (includes installed motor & ESC)
B. Main Wing
C. Horizontal Stabilizer
D. Vertical Stabilizer
E. Landing Gear
F. Auxiliary Oil Tank
G. Screws Package




Caution

**Before Assembling the P51D Mustang**

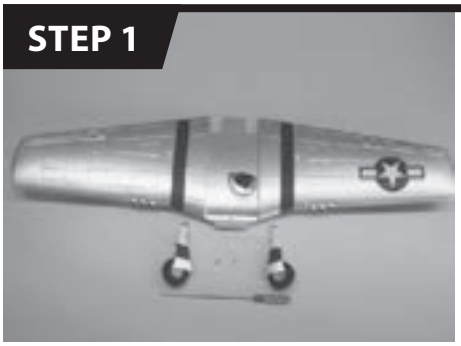
Keep in mind when assembling and flying the P51D Mustang, that radio control model airplanes may cause injury or property damage when improperly flown or mishandled. Always follow the warnings written in the instruction manual. Improper usage could lead to damage and/or failure of the electronic equipment. Be sure to read this instruction manual in its entirety before assembling and flying this model.

## ASSEMBLY INSTRUCTIONS - **P51D MUSTANG** (cont.)

**Tools Required for Assembly:**

#0 and #1 Phillips Head Screwdrivers

**STEP 1**

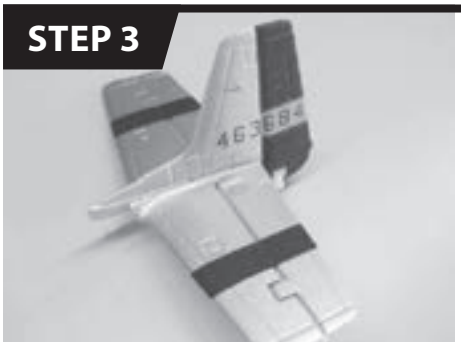


**Step 1: Landing Gear Assembly**
Slide the landing gear into the slots of the main wing making sure they are in the correct position. Using a #0 Phillips head screwdriver and the 2, 2.0 x 8 mm screws, secure the landing gear to the wing.

**STEP 2**

**Step 2: Attach the Main Wing**
Attach the main wing to the fuselage by sliding the tab into the rear of the fuselage making sure to guide the servo leads through the hole in center of the fuselage. Using a #1 Phillips head screwdriver and the 4 x 45mm machine screw, secure the wing to the fuselage.

**STEP 3**



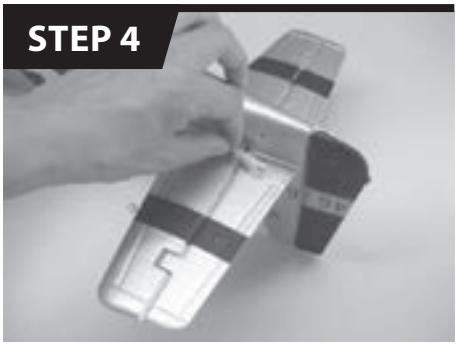
**Step 3: Assembly of the Tail Plane**
**a.** Slide the tabs of the vertical stabilizer through the slot in the top of the horizontal stabilizer as shown in the picture.

**b.** Next slide the tail plane assembly though the slot in the top of the fuselage.

**c.** Secure the assembly to the fuselage using the 2, 2 x 10mm screws and a #0 Philips screwdriver.

**G**

**STEP 4**



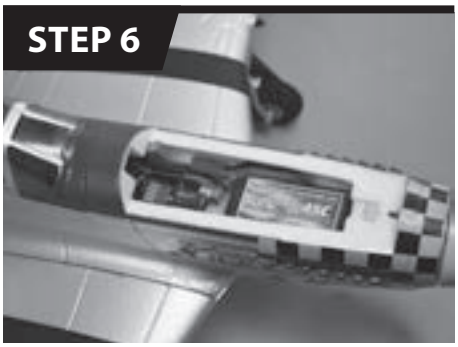
**STEP 5**

**Step 4: Attaching the Control Linkages**
Insert the elevator clevis into the outermost hole on the control horn and snap the clevis closed. Repeat this procedure for the rudder.

**Step 5: Attach the Auxiliary Fuel Tanks** (optional)
To attach the auxiliary fuel tanks to the wings peel off the double sided tape and position them in place.

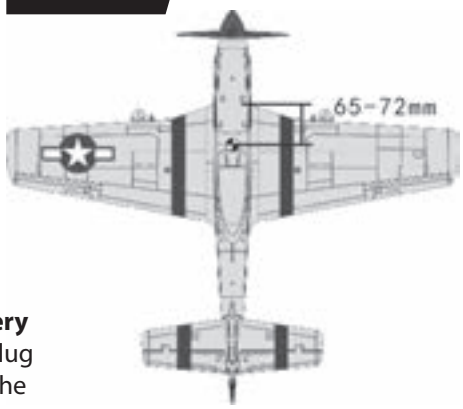
## ASSEMBLY INSTRUCTIONS - **P51D MUSTANG** (cont.)

**STEP 6**



**Step 6: Installing the Receiver and Battery**
Install the receiver into the fuselage and plug in the servo leads. Install the battery into the cavity in the front section of the fuselage as shown above.

**STEP 7**




**Step 7: Check the Center of Gravity (CG)**
Check the Center of Gravity on your model by balancing it on your fingers. The CG should be about 2 1/2 ~ 2 7/8th inches (65 ~ 72 mm) behind the leading edge of the main wing as shown in the diagram. You can adjust the CG by moving the battery forward or backwards.

## SPARE PARTS - **P51D MUSTANG**

**59011**

Fuselage

**59012**

Main Wing

**59013**

Horizontal Stabilizer

**59014**

Vertical Stabilizer

**59015**

Landing Gear

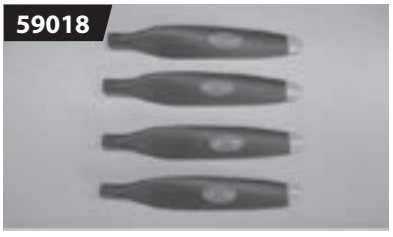
**59016**

Canopy

**59017**

Spinner

**59018**



Propeller

**59036**

Controlling Linkages

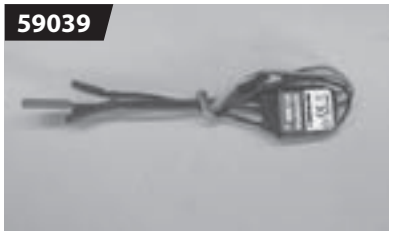
**59037 *** **59038 ****


*WS9 9g Servo - 150mm Lead (tail)
**WS9 9g Servo - 300mm Lead (wing)

**59040**

WBL-1200 Brushless Motor

**59039**



WBE-12A Brushless ESC

# F4U CORSAIR

## FEATURES AND SPECIFICATIONS

**Features**

- Realistic Military Paint Scheme
- Semi-Assembled Airframe Finishes in Minutes
- Pre-installed Servos, Brushless Motor and ESC
- Four Channel Control:
  Throttle, Rudder, Elevator and Ailerons

**Specifications**

- Wingspan: 29.5 in.
- Weight: 14.8 oz.
- Length: 24 in.
- Motor: WBL-1300
- ESC: WBE-12A

## ITEMS REQUIRED TO READY THIS MODEL FOR FLIGHT

P2GO

The F4U Corsair is a Plug and Play (P2GO) type model that requires additional items for operation. The items listed below are needed to fly.

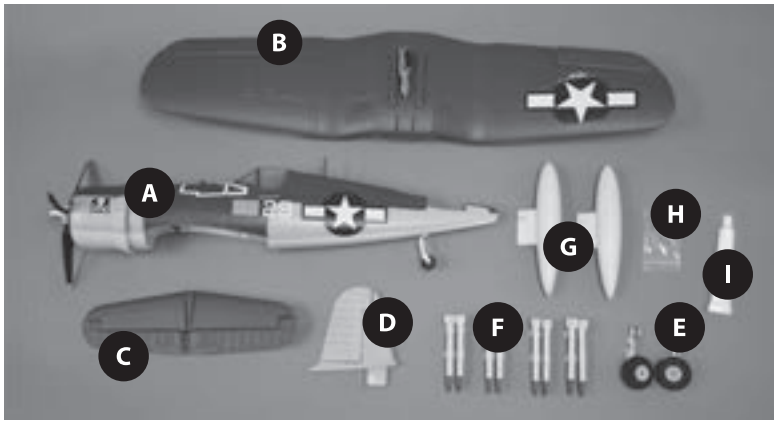
- 4-Channel Radio and Receiver
- 1000 mAh 7.4V LiPo battery and Suitable Charger

## PARTS LAYOUT AND LISTING

Note

Before assembly, it is important that you remove the parts from the packaging and check to make sure that all the parts are included and that they are in good condition.

A. Fuselage Assembly (includes installed motor & ESC)
B. Main Wing
C. Horizontal Stabilizer
D. Vertical Stabilizer
E. Landing Gear
F. Guided Missiles
G. Auxiliary Oil Tank
H. Screws Package
I. Glue




Caution

**Before Assembling the F4U Corsair**

Keep in mind when assembling and flying the F4U Corsair, that radio control model airplanes may cause injury or property damage when improperly flown or mishandled. Always follow the warnings written in the instruction manual. Improper usage could lead to damage and/or failure of the electronic equipment. Be sure to read this instruction manual in its entirety before assembling and flying this model.

## ASSEMBLY INSTRUCTIONS - **F4U CORSAIR**

**Tools Required for Assembly**

#0 and #1 Phillips Head Screwdrivers

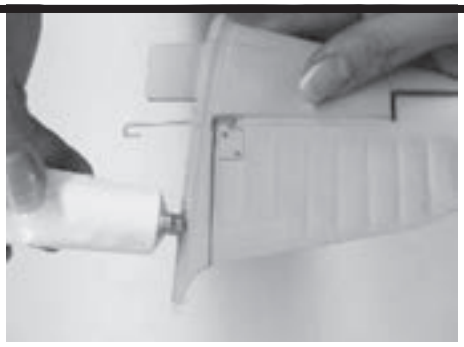
**STEP 1**

**Step 1: Landing Gear Assembly.**
Slide the landing gear into the slot of the main wing making sure they are in the correct position. Using a #0 Phillips head screwdriver and the 2, 2.0 x 8 mm screws, secure the landing gear to the wing.

**STEP 2**

**Step 2: Attach the Main Wing.**
Attach the main wing to the fuselage by sliding the tabs into the front of the fuselage making sure to guide the servo leads through the hole in center of the fuselage. Using a #1 Phillips head screwdriver and the 4 x 35mm machine screw, secure the wing to the fuselage.

**STEP 3**



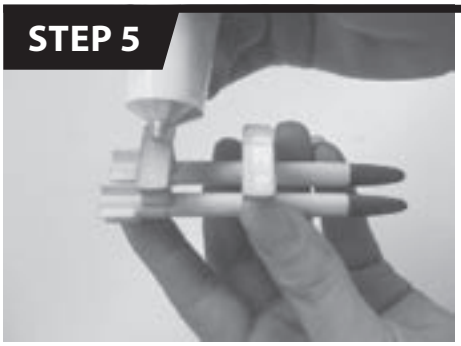
**Step 3: Assembly of the Tail Plane**
**a.** Apply a small amount of glue to the fuselage and tab on the horizontal stabilizer then firmly attach the horizontal stabilizer to the Fuselage.

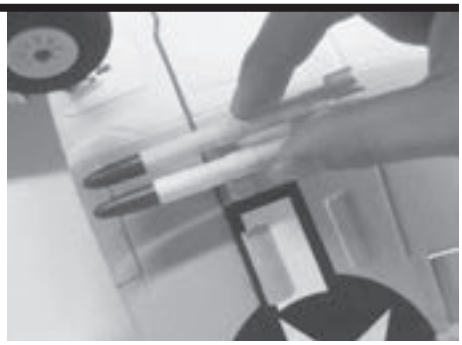
**b.** Apply a small amount of glue to the top vertical stabilizer making sure not to get any glue around the rudder control linkage.

**c.** Making sure the tail wheel is in the neutral position slide the tabs of the vertical stabilizer through the slot in the top of the horizontal stabilizer as shown in the picture.

**STEP 4**

**STEP 5**



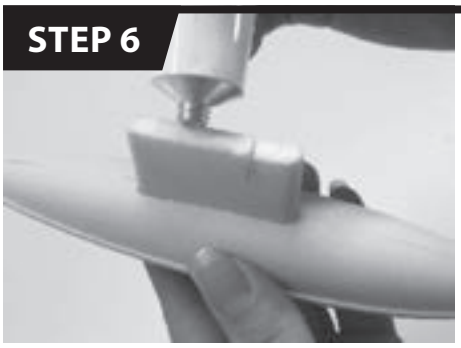


**Step 3: Attaching the Control Linkages.**
Insert the elevator clevis into the outermost hole on the control horn and snap the clevis closed.

**Step 5: Attach the Guided Missiles** (optional)
To attach the auxiliary guided missiles to the wings apply a small amount of glue to the bottom bracket and position them in place on the wings.

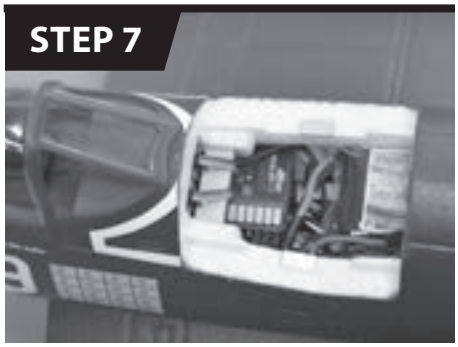
## ASSEMBLY INSTRUCTIONS - **F4U CORSAIR** (cont.)

### STEP 6



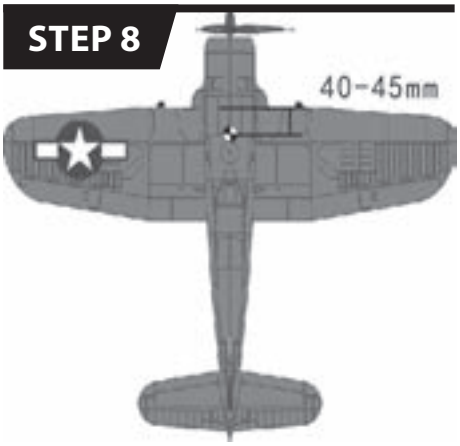
**Step 6: Attach the Auxiliary Fuel Tanks**
To attach the auxiliary fuel tanks to the wings apply a small amount of glue and position them in place on the wings.

### STEP 7



**Step 7: Installing the Receiver and Battery.**
Install the receiver into the fuselage and plug in the servo leads. Install the battery into the cavity in the front section of the fuselage as shown above.

### STEP 8




**Step 8: Center of gravity.**
Check the Center of Gravity on your model by balancing it on your fingers. The CG should be about 1 1/2 ~ 1 3/4 inches (40 ~ 45 mm) behind the leading edge of the model as shown below. You can adjust the CG by moving the battery forward or backwards.

## SPARE PARTS - **F4U CORSAIR**

**59019**

Fuselage

**59020**

Main Wing

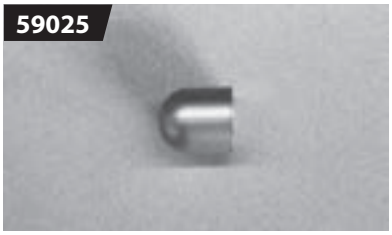
**59021**

Horizontal Stabilizer

**59022**

Vertical Stabilizer

**59025**



Spinner

**59026**

Propeller

**59027**

Controlling Linkages

**59023**


Landing Gear

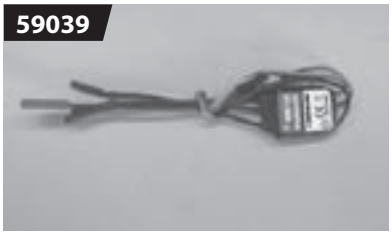
**59037 *** **59038 ****


*WS9 9g Servo - 150mm Lead (tail)
**WS9 9g Servo - 300mm Lead (wing)

**59040**

WBL-1200 Brushless Motor

**59039**



WBE-12A Brushless ESC

# HAWKER HURRICANE MKIIB

## FEATURES AND SPECIFICATIONS

**Features**

- Realistic Military Paint Scheme
- Semi-Assembled Airframe Finishes in Minutes
- Pre-installed Servos, Brushless Motor and ESC
- Four Channel Control:
  Throttle, Rudder, Elevator and Ailerons

**Specifications**

- Wingspan: 29.5 in.
- Weight: 14.9 oz.
- Length: 24.5 in.
- Motor: WBL-1300
- ESC: WBE-12A

## ITEMS REQUIRED TO READY THIS MODEL FOR FLIGHT

P2GO

The Hawker Hurricane MKIIB is a Plug and Play (P2GO) type model that requires additional items for operation. The items listed below are needed to fly.

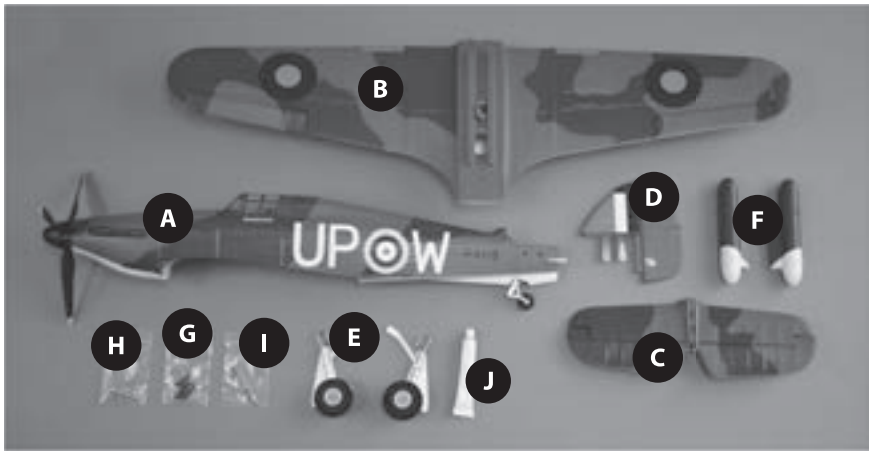
- 4-Channel Radio and Receiver
- 1000 mAh 7.4V LiPo battery and Suitable Charger

## PARTS LAYOUT AND LISTING

Note

Before assembly, it is important that you remove the parts from the packaging and check to make sure that all the parts are included and that they are in good condition.

A. Fuselage Assembly (includes installed motor & ESC)
B. Main Wing
C. Horizontal Stabilizer
D. Vertical Stabilizer
E. Landing Gear
F. Auxiliary Oil Tank
G. Guns
H. Screws Package
I. Small Parts
J. Glue




Caution

**Before Assembling the Hawker Hurricane MKIIB**

Keep in mind when assembling and flying the Hawker Hurricane MKIIB, that radio control model airplanes may cause injury or property damage when improperly flown or mishandled. Always follow the warnings written in the instruction manual. Improper usage could lead to damage and/or failure of the electronic equipment. Be sure to read this instruction manual in its entirety before assembling and flying this model.

## ASSEMBLY INSTRUCTIONS - **HAWKER HURRICANE MKIIB**

**Tools Required for Assembly**

#0 and #1 Phillips Head Screwdrivers

### STEP 1

**Step 1: Landing Gear Assembly.**
Slide the landing gear into the slot of the main wing making sure they are in the correct position. Using a #0 Phillips head screwdriver and the 2, 2.0 x 8 mm screws, secure the landing gear to the wing.

### STEP 2

**Step 2: Attach the Main Wing.**
Attach the main wing to the fuselage by sliding the tabs into the front of the fuselage making sure to guide the servo leads through the hole in center of the fuselage. Using a #1 Phillips head screwdriver and the 4 x 35mm machine screw, secure the wing to the fuselage

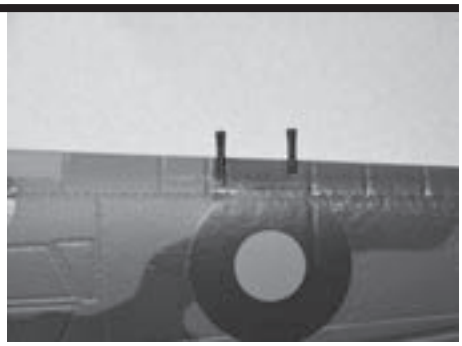
### STEP 3


**Step 3: Assembly of the Tail Plane**
**a.** Apply a small amount of glue to the top of the horizontal stabilizer where the vertical stabilizer attaches.

**b.** Next slide the tabs of the vertical stabilizer through the top of the horizontal stabilizer which will give you the assembly shown above.

**c.** Now slide the assembly in to the fuselage and secure using the two 2 x 10mm screws.

### STEP 4



**Step 5: Attach the Auxiliary Fuel Tanks and Guns** (optional)
**a.** To attach the auxiliary fuel tanks to the wings apply a small amount of glue and position them in place on the bottom of the wings.

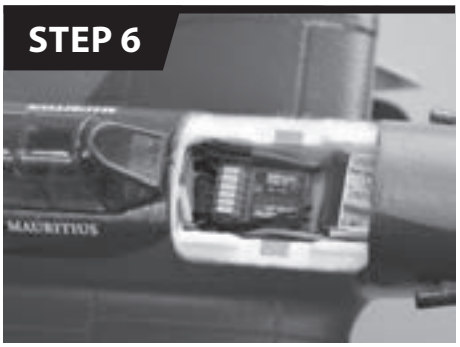
**b.** To attach the guns to the wings apply a small amount of glue and position them in their place on top of the wings.

## ASSEMBLY INSTRUCTIONS - **HAWKER HURRICANE MKIIB** (cont.)

**STEP 5**

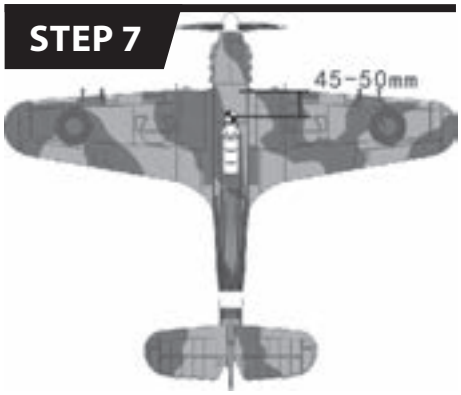
**Step 6: Attaching the Antenna.**
Insert the antenna into the mounting groove near the rear of the fuselage.

**STEP 6**



**Step 6: Installing the Receiver and Battery**
Install the receiver into the fuselage and plug in the servo leads. Install the battery into the cavity in the front section of the fuselage as shown above.

**STEP 7**




**Step 8: Check the Center of Gravity (CG)**
Check the Center of Gravity on your model by balancing it on your fingers. The CG should be about 1 3/4 ~ 2 inches (45 ~ 50 mm) behind the leading edge of the model as shown below. You can adjust the CG by moving the battery forward or backwards.

## SPARE PARTS - **HAWKER HURRICANE MKIIB**

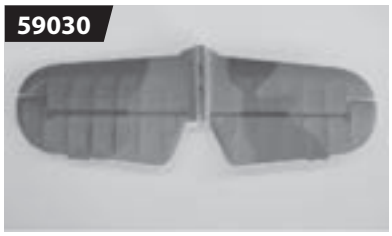
**59028**

Fuselage

**59029**

Main Wings

**59030**



Horizontal Stabilizer

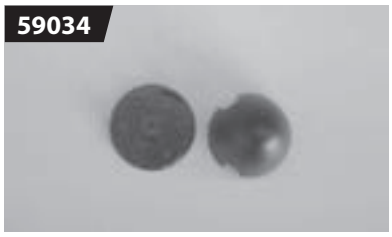
**59031**

Vertical Stabilizer

**59032**

Landing Gear

**59034**



Spinner

**59035**

Propellor

**59036**

Controlling Linkage

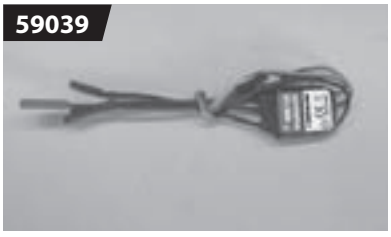
**59037 *** **59038 ****


*WS9 9g Servo - 150mm Lead (tail)
**WS9 9g Servo - 300mm Lead (wing)

**59040**

WBL-1200 Brushless Motor

**59039**



WBE-12A Brushless ESC

# PREPARING FOR FLIGHT

## SPEED CONTROL OPERATION

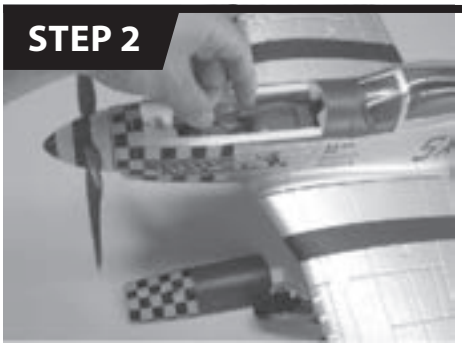
The ESC is set for optimal performance at the factory and should not be changed. Before connecting the battery, make sure the throttle is in the lowest (off) position. If the throttle is not in the lowest, off position, the speed control will not initialize. If this happens, you will need to disconnect the battery and repeat the initialization sequence.

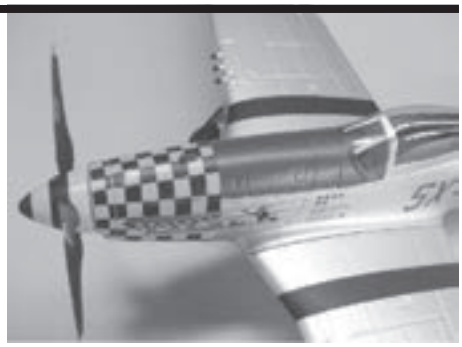
## ADJUSTMENTS AND OPERATION

**STEP 1**

**Step 1:** Turn on your transmitter making sure the throttle is set to the lowest (off) position. Leave all other sticks and trims in their neutral position.

**STEP 2**





**Step 2:** Connect your battery to the Electronic Speed control and close the battery cover.

**STEP 3**

**Step 1:** Holding the tail of the airplane apply a small amount of throttle to ensure the motor is working and connected to the ESC properly.

**STEP 4**

**Step 1:** Now check to make sure all the control surfaces are in their neutral position. If not you can adjust them with the trims on your transmitter.

## FLYING YOUR PLANE

**Flying Your Plane**

Before taking off, perform a radio range check and make sure all your control surfaces are operating in the proper direction. Take off into the wind and climb to 50 feet to begin your trim out procedures. Once trimmed out, feel free to test the performance of the plane by performing a variety of aerobatic maneuvers.

## SERVICE AND SUPPORT

**Weekender by Hitec Customer Service**
Help is available from Hitec RCD USA, Inc. Customer Service through phone support: (858) 748-6948 and e-mail: **service@hitecrcd.com**. Our office is generally open Monday through Friday, 8:00 AM to 4:30 PM PST. These hours and days may vary by season. Every attempt is made to answer all incoming service calls. Should you get our voice mail, please leave your name and number and a staff member will return your call.

## WARRANTY

**LIMITED WARRANTY**
Weekender by Hitec guarantees the component parts in this kit to be free from defects in both materials and workmanship that exist at the time of purchase for a period of 90 days from the date of purchase. If any component part fails to function because of defects in materials or workmanship during this period, the manufacturer's obligations are limited, at its discretion, to either, repair or replace the defective part.

This warranty does not cover any component part that has been damaged through use, modification, misuse, abuse, accident or neglect; nor does it cover normal wear and tear. Additionally, this warranty is void if the component part has been altered or modified or repaired by anyone other than Hitec RCD USA, Inc. or its authorized agents.

Hitec RCD USA, Inc. is not responsible for loss of use of the Weekender by Hitec model, or other incidental or consequential damages. Under no circumstances shall the Manufacturer or any of its representatives be held liable for injury to persons or property damage resulting from the assembly of the product or from the use of the final user assembled product. Furthermore, no liability shall be attached to Weekender by Hitec or Hitec RCD USA, Inc. from the use of the final assembled product because: the product operates and is controlled by way of remote radio frequency; and outside radio frequencies may interfere with the product frequency, causing loss of control. Because an out-of-control model has the potential to cause personal injury and property damage, Weekender by Hitec or Hitec RCD USA, Inc. cannot be held liable for personal injury or property damage caused by the use or misuse of Weekender by Hitec model products. By the act of using the user-assembled products, the user accepts all resulting liability. Some states do not allow exclusion of incidental or consequential damages, so the above limitations and exclusion may not apply to you.

Weekender by Hitec and Hitec RCD USA, Inc. hereby exclude any and all express warranties not specifically stated herein and all implied warranties of merchantability and fitness for a particular purpose. There are no warranties which extend beyond the description of the warranties contained within this document.

**What to Return**
Return only the component part that is defective in materials or workmanship. Please pack the unit carefully and insure it, as this warranty does not cover loss or damage in transit.

**Hitec RCD USA, Inc.**
**12115 Paine St.**
**Poway CA, 92064**
**(858) 748-6948**

Weekender by HiTEC

# WARBIRDS