Wing span: 753mm
Length: 680mm
Flying weight: 1.1kg
Servo: 9g x 7pcs
Power system: Brushless electrical ducted fan(3900kv/4300kv)
Thrust: up to 1.2kg
Function: 1) Retractable landing gear
2) Lighting system
ESC: 50A or above
Radio: 6 CH or above
Battery: Li-po 14.8V/45-2200mAh or above
Please read before operating this system!

We would like thank you for purchasing our new product – Bae Hawk designed for the hobby enthusiast. Based on its full-scale counterpart, this Great British Jet can finish loops, inverted flight and rolls and other aerobatics easily. It is also made as a highly maneuverable model for the intermediate to expert pilot. With the Bae Hawk model which includes EDF set*, speed controller, electric servos, retractable landing gear with front steering and full scale functional lighting system. You will have joyful time in model flying.

Remarks:* We have several different metal EDF sets for your selection.

1) Rclander 64mm metal EDF is a higher grade EDF set which is an aluminum alloy material EDF more powerful output, efficient and durability.

2) Please be noticed that all servo have been pre-set the center point before out of factory. It maybe appeared some difference due to difference brand mark radio control. Kindly make sure to do the adjustment (special to pre-set the travel throw of gear servo up to 110-115 %.) with your own radio equipment before installation this jet model.

4) From main wing edge to center around 72mm ± 2mm is the CG point.

5) Please make sure to use a little piece of attached velco to secure your LiPo battery for fixing on the battery bay before flying.

Specifications:

<table>
<thead>
<tr>
<th><strong>Wing Span</strong></th>
<th>750mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>860mm</td>
</tr>
<tr>
<td><strong>Flying weight</strong></td>
<td>1.1kg</td>
</tr>
<tr>
<td><strong>Servo</strong></td>
<td>9g×7pcs</td>
</tr>
<tr>
<td><strong>Power system</strong></td>
<td>Brushless electrical metal ducted fan(3900kv/4300kv)</td>
</tr>
<tr>
<td><strong>Thrust</strong></td>
<td>Up to 1.2kg</td>
</tr>
<tr>
<td><strong>Function</strong></td>
<td>1) Retractable landing gear</td>
</tr>
<tr>
<td></td>
<td>2) Lighting system</td>
</tr>
<tr>
<td><strong>ESC</strong></td>
<td>50A or above</td>
</tr>
<tr>
<td><strong>Radio</strong></td>
<td>5CH or above</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Li-po 14.8V/4S-2200mAH or above</td>
</tr>
</tbody>
</table>
Main Accessories

Main Fuselage  Main Wing Set  Horizontal Stabilizer

Vertical Stabilizer  Both Side Intake Set  EDF Cover Set

Rocker Tube  Canopy Set  Horizontal Stabilizer Mechanical Set

Lighting System Set  Full Set Retractable Landing Gear

Remarks: 1) Operational Manual (included)
          2) 5 Min. epoxy set (included)
          3) Y Cord  X 3 pcs (included except ARF version)
          4) Push rods for Elevator, Rudder, Aileron, and Retract Gear & Steering (included)
          5) One plastic bag included Screws, Control Horns, Linkage Stoppers & ply wood of Battery compartment
          And Receiver compartment
Assembling the aircraft

01

1) Nose retract gear has been assembled by factory.

02

1) Using epoxy to glue up the nose gear ply wood on the related compartment and install both of retract gear & steering servos on the specific position then link up the push rob as shown.

03

1) Using some double clear tape to fix the nose gear plastic cover on the lower main fuselage.
1) Find out the horizontal stabilizer set and mechanical set.
2) Using some epoxy to glue up both side horizontal stabilizer on the mechanical set first

05

1) Install both side horizontal stabilizer on the main fuselage and using the provided screws to lock up the stopper as shown

06

1) Install the vertical stabilizer.
1) Using some epoxy to glue on the vertical stabilizer on the main fuselage.

1) Install the main retracts landing gear on the main wing.

1) Using the attached screws to tight up the main retract landing gear on the gear bay square hard wood.
2) Using some double tape to fix the plastic wheel cover set on the main wing.
3) Link up the push rob with the retract gear servo (remind to adjust the TX gear travel throw up to 110-115%)
1) Install the aileron servos.

1) Using a Y cord to link up both servos cord as shown.

1) Install both side of intake set
1) Using epoxy to glue up both side intakes set on the main fuselage.

1) Install the Rclander 64mm metal EDF set with ESC.

1) Using the attached two pieces strong double foam tape (pls cut out from two to four pieces) to put on the EDF set bay first.
1) Take some force to install the EDF set on the bay as shown then use some hot melt glue on the gap in order to strengthen the tighten of the EDF on the bay of main fuselage.

1) Using the attached clear pvc sheet and two screws to tight up the ESC on the bay of the main fuselage as shown.

1) Install those push robs of elevator and rudder.
1) Two 1.2mm wire push robs are the elevator then 1.4mm wire push rob is for rudder and link up the related control horn as shown.

2) Connect both 1.2mm push robs with two elevator servos (remind to take one reverse operation direction servo for elevator)

2) Connect the 1.4mm push rob with the steering servo as shown.

1) Install the EDF cover set.
1) Using the attached two 3X 18mm screw to lock up the EDF set cover on the main fuselage.

1) Install the battery & Receiver compartment ply wood.

1) Double check the nose gear, steering and elevator push rob with the related servos are doing well before glue up the ply wood as shown.
1) Install the main canopy set.

The canopy set is used push in method to install into main fuselage and pushes down the front canopy with a click sound once lock up.

2) Hand holds the front canopy and pull up to open it for changing the battery or doing any maintenance issue.

1) Using the provided two 4mm screws with washers to install the main wing on the main fuselage. Then the assembling is done.
Control throws

Rudder
15-25mm
15-25mm

Aileron/elevator
12-14mm
12-18mm

Adjustments of control throws

Increase throw
Reduce throw

Increase throw
Reduce throw
Flight attention

Do not fly at any place where another same-frequency model is being operated.

Taking off:

Always take off toward the wind.

When launch Bae Hawk by hands, maximize the power (include the micro-adjuster) and run several meters, then throw the Bae Hawk horizontally. When launch Bae Hawk on the ground, maximize the power and let Bae Hawk accelerate in direction of the wind and keep it running straightly, after it run more than 60 feet, then pull the elevator joy stick, and it will take off.

Flight:

To keep Bae Hawk flying only need 50% of the maximum power, it is a good idea to fly with power for a while and glide for a while. In this way you can prolong the maximum flight time and familiarize yourself with landing approaches.

Landing:

Before landing, switch off the power, fly along with the wind, and when Bae Hawk flies near to the ground, then pull the elevator joystick and Bae Hawk will landing gently. With more practice, then you could control the model easily.

<table>
<thead>
<tr>
<th>Phenomenon</th>
<th>Problem</th>
<th>How to solve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor does not run</td>
<td>★ Battery is not fully charged.</td>
<td>★ Charge the battery.</td>
</tr>
<tr>
<td></td>
<td>★ The battery in the transmitter is not at full power.</td>
<td>★ Install new dry cells.</td>
</tr>
<tr>
<td></td>
<td>★ The circuit in Bae Hawk has been damaged due to crash.</td>
<td>★ Contact the distributor.</td>
</tr>
<tr>
<td>Can not fly straightly</td>
<td>★ The rudder is not on the center position.</td>
<td>★ Adjust the rudder on the center position.</td>
</tr>
<tr>
<td>Can not climb</td>
<td>★ The battery is not fully charged.</td>
<td>★ Charge the battery.</td>
</tr>
<tr>
<td></td>
<td>★ The elevator declines downward.</td>
<td>★ Adjust the micro-adjuster on the transmitter.</td>
</tr>
<tr>
<td>Control distance is very near</td>
<td>★ The battery of transmitter is not at full power.</td>
<td>★ Install new dry cells.</td>
</tr>
<tr>
<td></td>
<td>★ The antenna of transmitter has not been completely pulled out</td>
<td>★ Completely pull out the antenna of transmitter.</td>
</tr>
</tbody>
</table>