Wing span: 866mm
Fuselage total length: 1157mm
AUW: 1.5kg up
EDF(Lander Metal EDF): 68mm(4S/6S)
Power: 4S 3300mAh 25C
               6S 2500mAh 25C or above
Function: Flaps system-included
          Retract system-included
          Gear doors system-option
Please read before operating this system!

We would like to thank you for purchasing our new product—Hawker Hunter designed for the hobby enthusiast. Based on its full-scale counterpart, this 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 Hawker Hunter model which includes EDF set*, speed controller, electric servo, flaps, retractable landing gear with front steering and full scale functional gear doors system (optional requirement). You will have a joyful time in model flying.

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

1) EDF68-1A 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 band mark radio control. Kindly make sure to do the adjustment (special to pre-set the travel of gear servo up to 130%. If you select gear doors system with special modified travel throw servos. You are needed to pre-set the travel of gear servo up to 110-120%) with your own radio equipment before installation this jet model.

4) From main wing edge to center around 130mm is the CG point.

5) Please make sure to use a little piece of attached magic sticker for your LiPo battery for fixing on the battery bay before on flight.
Specifications:

**Wing Span**: 866mm

**Fuselage total Length**: 1157mm

**AUW**: 1.5kg up

**EDF(Lander Metal EDF)**: 68mm(4S/6S)

**Power**: 4S 3300mAH 25C

6S 2500mAH 25C or above

**Function**: 1) Flaps system-included

2) Metal Housing Retracts system-included

3) Gear doors system & suspension legs (option items)

EDF SYSTEM

EDF68-1A

<table>
<thead>
<tr>
<th>Material</th>
<th>Aluminum Alloy, Metal special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>Ca. 90g(Motor not included)</td>
</tr>
<tr>
<td>Rotor</td>
<td>68mm dia, 5-bladed.</td>
</tr>
<tr>
<td>Max rpm</td>
<td>48,000 rpm</td>
</tr>
<tr>
<td>Application</td>
<td>200-800W</td>
</tr>
<tr>
<td>Static Thrust</td>
<td>1.23 - 1.7kg</td>
</tr>
</tbody>
</table>
Main Accessories

- NOSE CONE
- GEAR PLASTIC COVER
- METAL HOUSING RETRACT
- FRONT LOWER FUSELAGE
- MAIN WING COVER SET
- CANOPY SET
- VERTICAL STABILIZER
- HORIZONTAL STABILIZER
- REAR EXHAUST COVER SET
- EDF COVER SET
- MAIN WING SET
- MAIN FUSELAGE
Remarks: 1) Operational Manual (included)  
2) 5 Min. epoxy set (included)  
3) Extension cord x 1 & Y cord x 4 (included except ARF version)  
4) Push rods for Elevator, Rudder, Aileron, and Retract Gear & Steering (included)  
5) One plastic bag includes screws, Control Horns, Linkage Stoppers & Retract Landing Gear.

Assembling the aircraft

01

1) Install the nose gear plate with the epoxy or hot melt glue on the front lower fuselage.

2) Tight the nose retrace gear on the gear bay with 2.6mm screw X 4 pcs.

02

1) Link up the related push rods with nose gear and steering.
1) Install the main gear set on the main wing gear bay.

1) Link up the related push rods with the retract servos.

1) Install the elevator and rudder push rods inside the main fuselage.
1) Firstly take some hot melt glue to fix the clear pvc tubes (one for rudder and two for elevator) on the both side as shown.

2) Then insert elevator and rudder push rods into the fixed pvc tubes. Please be reminded the elevator push rods must be passed through the main fuselage to the rear part.

- 7 -

1) Put the provided strong foam double tapes on the EDF set bay first.

1) Put on the EDF set on the bay and make sure the EDF set on the right position and alignment is correct.

2) Tight up the ESC and leading the related power and control cords to the front of the main fuselage compartment.
1) Take four provided 3mm X 30mm long screw to tight up the EDF cover set. Please be reminded to put some hot melt on the both side of EDF in order to strengthen the installation issue before tight up the EDF cover.

1) Take some epoxy on the slot of horizontal stabilizer then insert into the vertical stabilizer slot.

1) Firstly, pass through the rudder control push rod (with the pvc tube) from vertical to horizontal stabilizer.
1) Glue up the rudder on the vertical stabilizer as shown.

1) Take enough epoxy to glue up the whole set tail set on main fuselage as shown.
2) Link up the elevator push rods control horn.

1) Link up the rubber control horn with push rod.
1) Screw up the control horn

1) Take some clear thin pvc sheet to cover the slot to make sure the whole exhaust without any barrier in order to make sure the EDF thrust power to have the best efficience.

1) take some epoxy to glue the main lower fuselage on the main fuselage.
1) Link up the elevator push rods as shown.

1) Link up the rubber push rod with the front steering servo horn together.

1) After link up both of aileron and flaps push rods then try to install the main wing on the main fuselage.
1) Take four provided 4mm X 25mm screws with both of wood plate and metal washer to tight up the main wing.
2) Please be reminded the related servos cords of main wing to be leaded into the front fuselage compartment before tighten

1) Put on the wing cover set on the main wing and tight up by five 3mm screws as shown.

1) Lipo battery compartment.
1) Put on the canopy and glue up the nose cone on the main fuselage. Also glue up the drop tanks and rocket tube if necessary.

1) This is a provided side wing pin.

1) Just drill a little hole on the left hand side of main wing then put in the wing pin and glue up by some hot glue.
Control throws

- **Flaperon function**: 10-25mm
- **Rudder**: 15-25mm, 15-25mm
- **Aileron/elevator**: 12-18mm, 12-18mm

**Adjustments of control throws**

- **Increase throw**
- **Reduce throw**

The plane has been completed.
Remarks: From main wing edge to center 130mm is the CG point, please make sure the CG point corrected before take off.
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 Hawker Hunter by hands, maximize the power (include the micro-adjuster) and run several meters, then throw the Hawker Hunter horizontally. When launch Hawker Hunter on the ground, maximize the power and let Hawker Hunter 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 Hawker Hunter 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 Hawker Hunter flies near to the ground, then pull the elevator joystick and Hawker Hunter 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 Hawker Hunter 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></td>
<td></td>
<td>★ Adjust the micro-adjuster on the transmitter for the rudder on the suit 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</td>
<td>★ The battery of transmitter is not at full power.</td>
<td>★ Install new dry cells.</td>
</tr>
<tr>
<td>near</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>