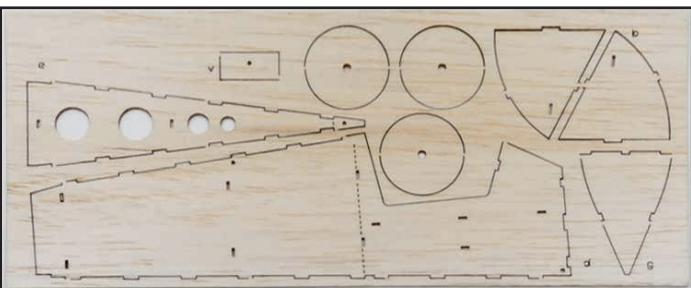
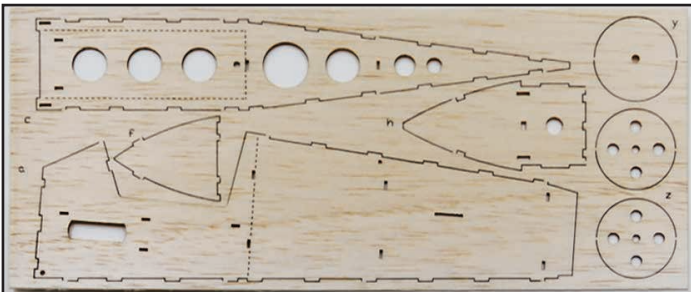
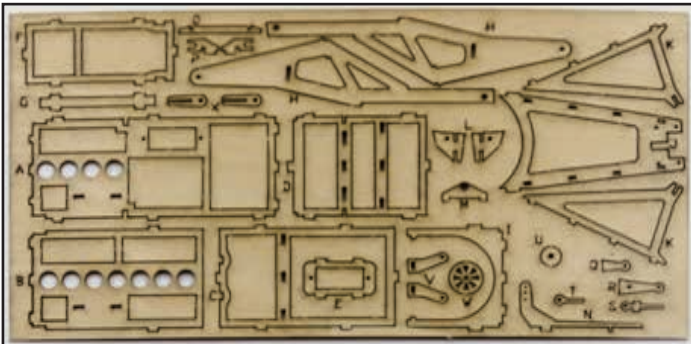


# Newton BALSAWOOD MINI AIRPLANE INSTRUCTION MANUAL



## Balsawood Pieces and Accessories



## Tools Needed



## Specification

Wingspan: 358mm  
Length: 310mm  
Flying Weight: 39-43g

### Brushed motor

Suggested Motor: XEPS7 brushed motor  
Suggested ESC/Servo/RX: DSM II 3in1 board  
Suggested Prop: 4530-5030  
Suggested BATT: 1S 150-200m Ah  
Servo: 1.7g\*2

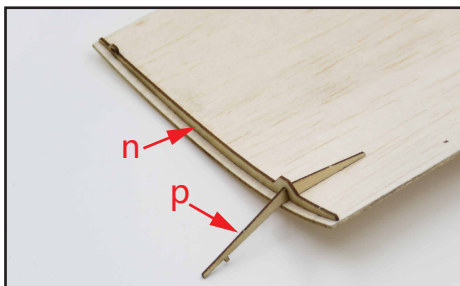
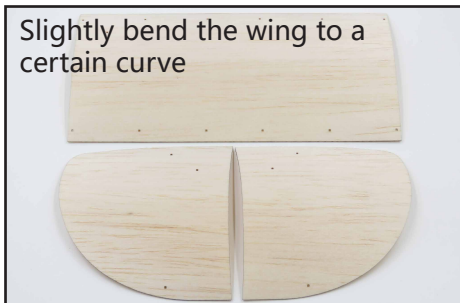
### Brushless motor

Suggested Motor: C05 (1104) 3700kv  
Suggested ESC: 1S 5A  
Suggested BATT: 1S 150-200m Ah  
Suggested Prop: 5030  
Servo: 1.7g\*2

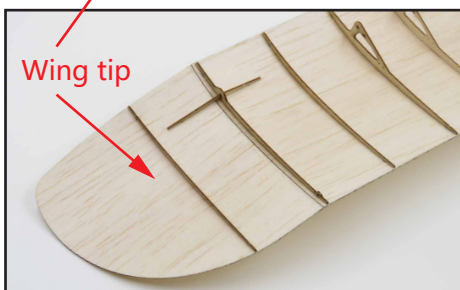
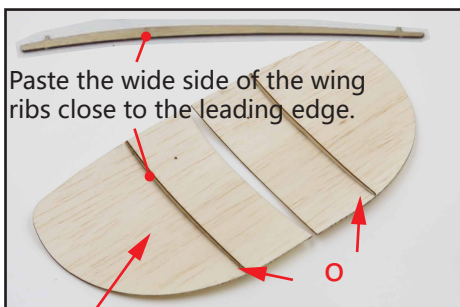
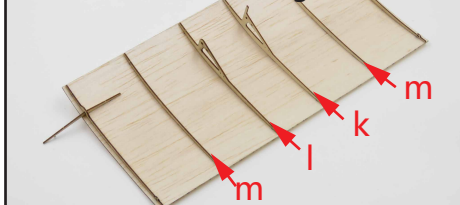
# Newton BALSAWOOD MINI AIRPLANE INSTRUCTION MANUAL

## How to assemble

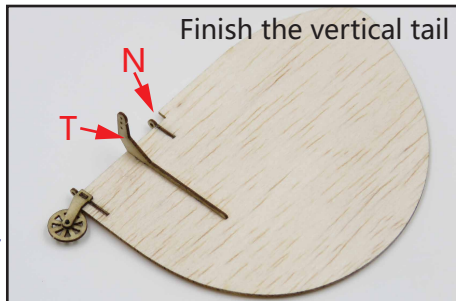
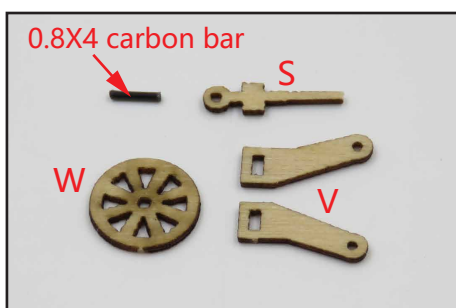
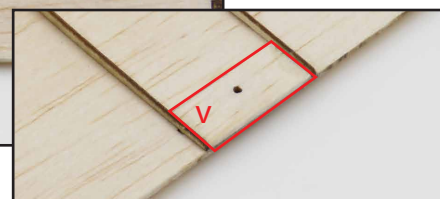
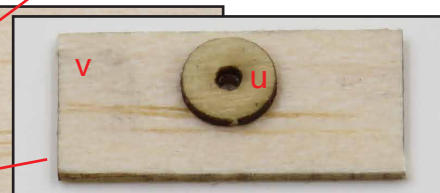
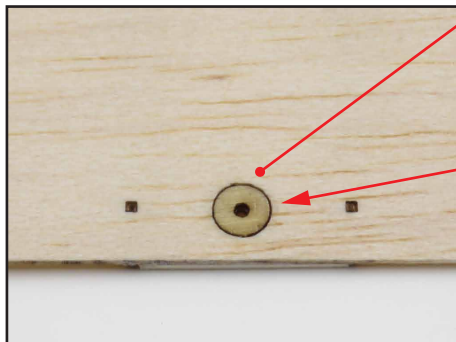
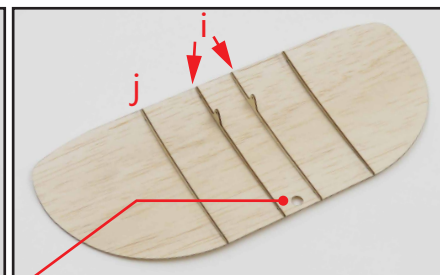
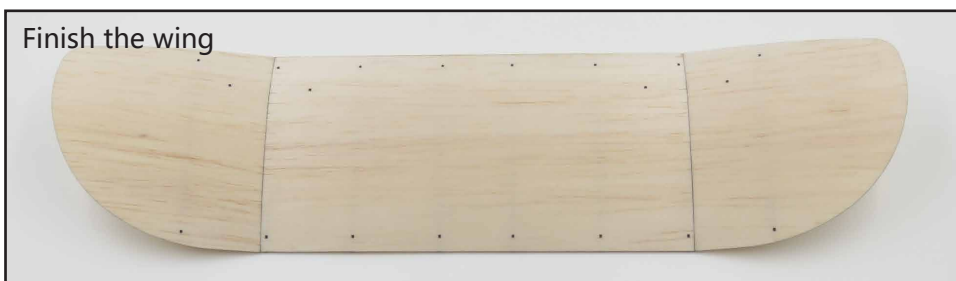
Slightly bend the wing to a certain curve



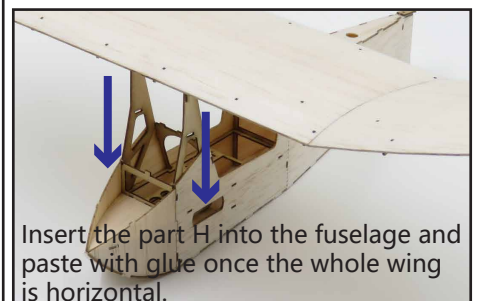
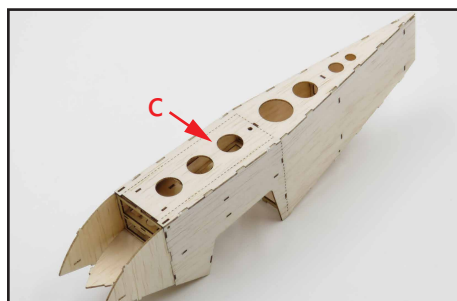
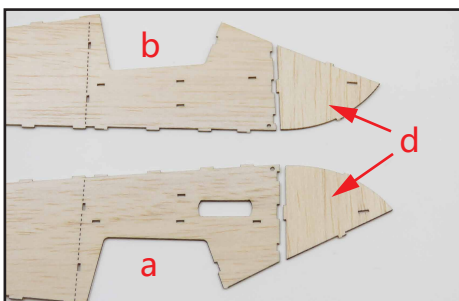
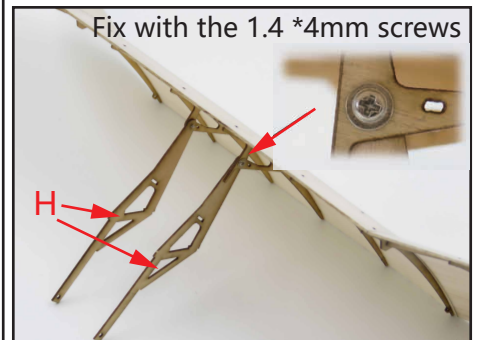
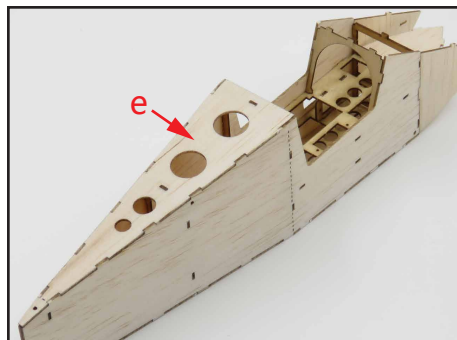
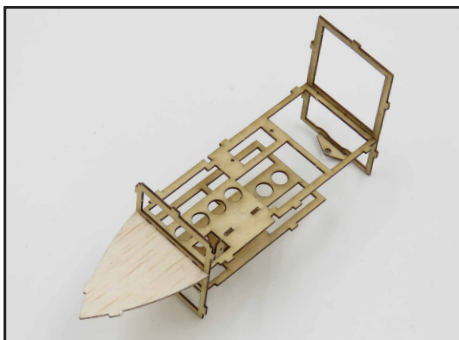
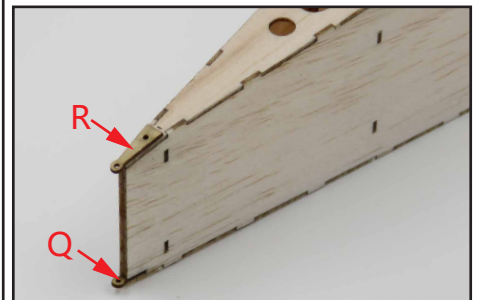
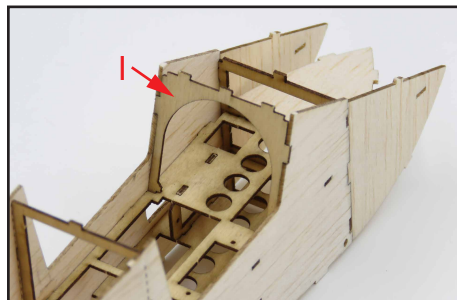
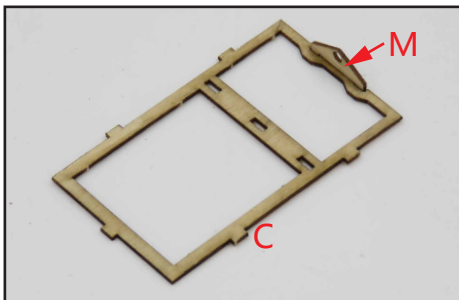
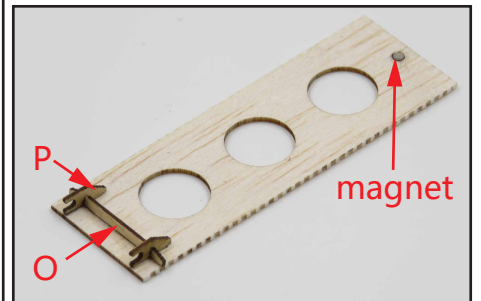
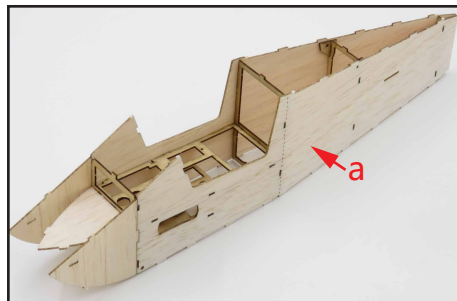
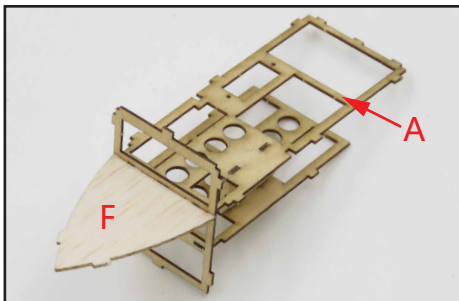
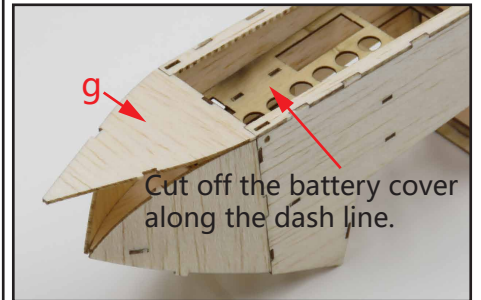
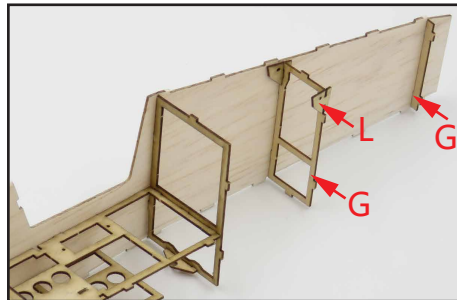
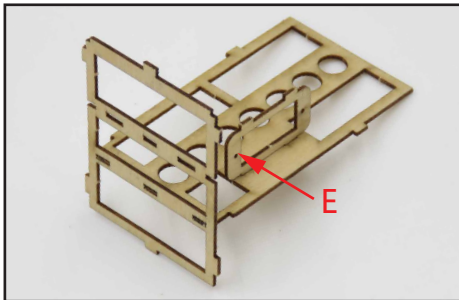
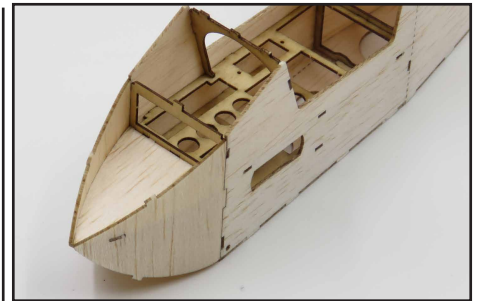
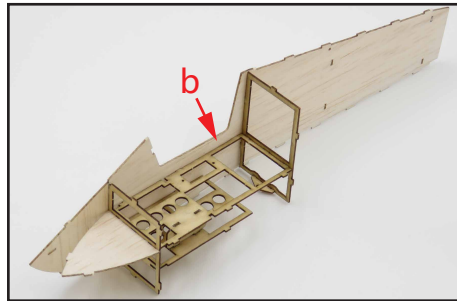
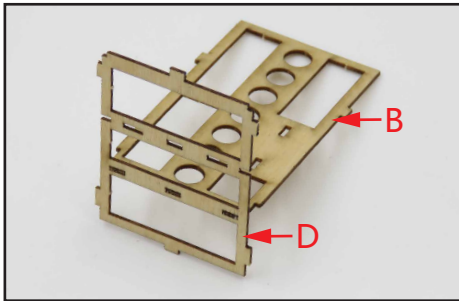
Pay attention to adjust the wing while pasting the wing ribs, in order to avoid the wing distortion.



Finish the wing

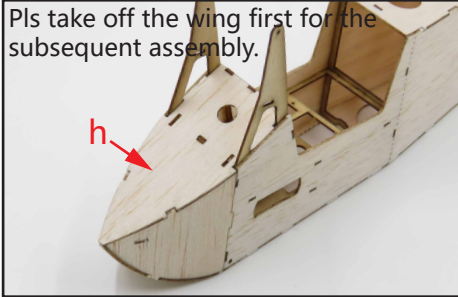


# Newton BALSAWOOD MINI AIRPLANE INSTRUCTION MANUAL



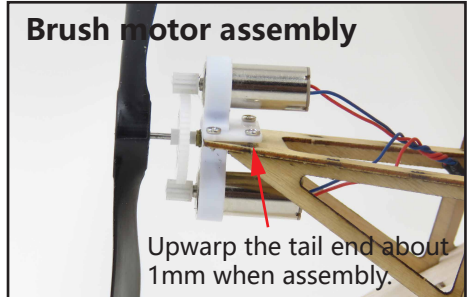
# Newton BalsaWood Mini Airplane Instruction Manual

Pls take off the wing first for the subsequent assembly.



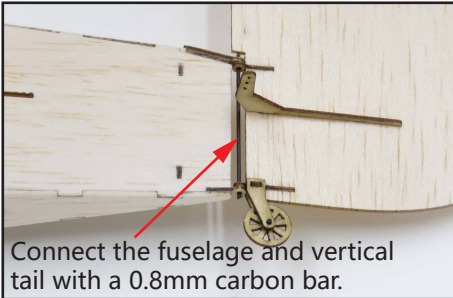
Fix the wheels on the carbon bar with heat-shrinkable tube and little glue.

## Brush motor assembly

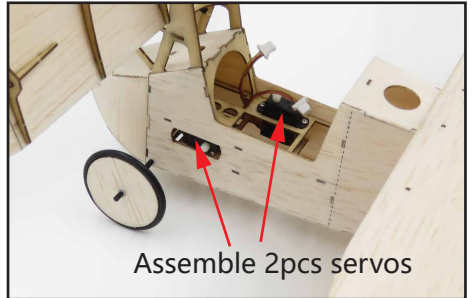


Upward the tail end about 1mm when assembly.

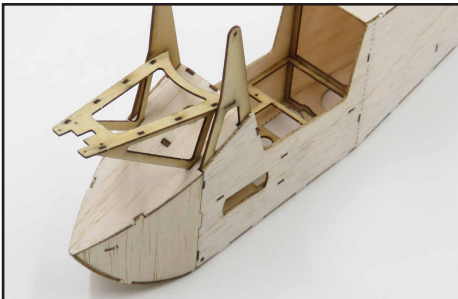
The engine mount with the right angle, so pls pay attention to the direction when assembly.



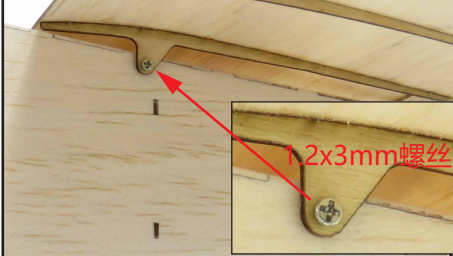
Connect the fuselage and vertical tail with a 0.8mm carbon bar.



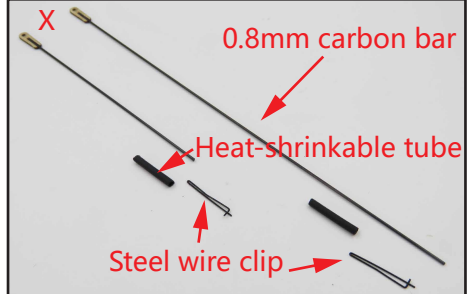
Assemble 2pcs servos



## Assemble the horizontal tail



2x3mm 螺丝



0.8mm carbon bar

Heat-shrinkable tube

Steel wire clip

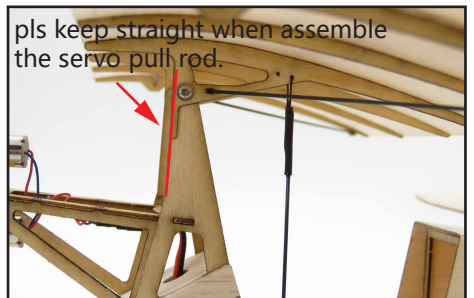


rubber ring

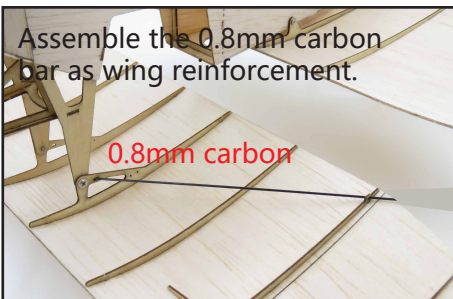
plastic wheel hub



1.4x4mm screws

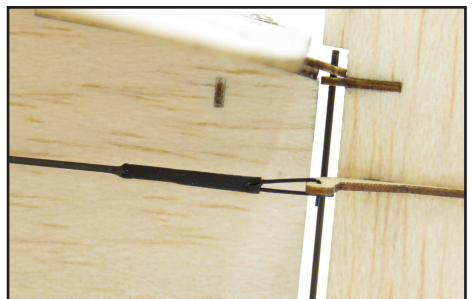


pls keep straight when assemble the servo pull rod.



Assemble the 0.8mm carbon bar as wing reinforcement.

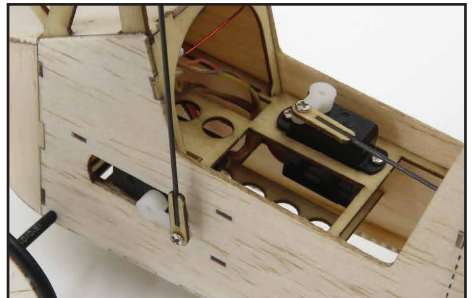
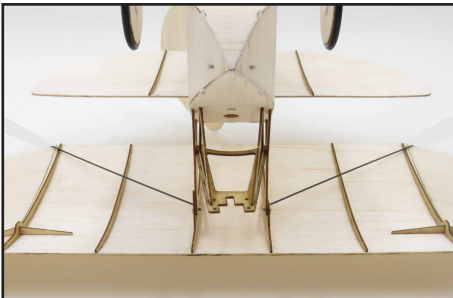
0.8mm carbon



Cut the heat-shrinkable tube into 15mm\*3mm



Insert the carbon rod 1.5\*80mm through the fuselage as the picture shown.



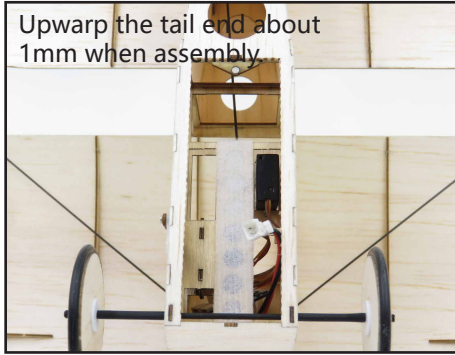
# Newton BALSAWOOD MINI AIRPLANE INSTRUCTION MANUAL

## Assemble the brushless motor



scale motor components

Upwarp the tail end about 1mm when assembly



Paste the magic sticks at the back of the battery



Upwarp the tail end about 1mm when assembly.



1104 Brushless Motor

3A Brushless ESC



## The Position of CG

36mm

CG

