

Sopwith Camel F.1 Building Manual



Tony Ray's AeroModel



Sopwith Camel - Kit Inventory

- Wood Part: Balsa wood Sheets *3, Basswood Sheets *1
- Hardware Part: Carbon rod * 1, Heat shrink tube * 1, Mini magnet * 8, Micro Hinge * 1, Micro screw * 30, Rubber wheel * 2
- Paper Part: Installation drawings *2, Covering tissue * 1

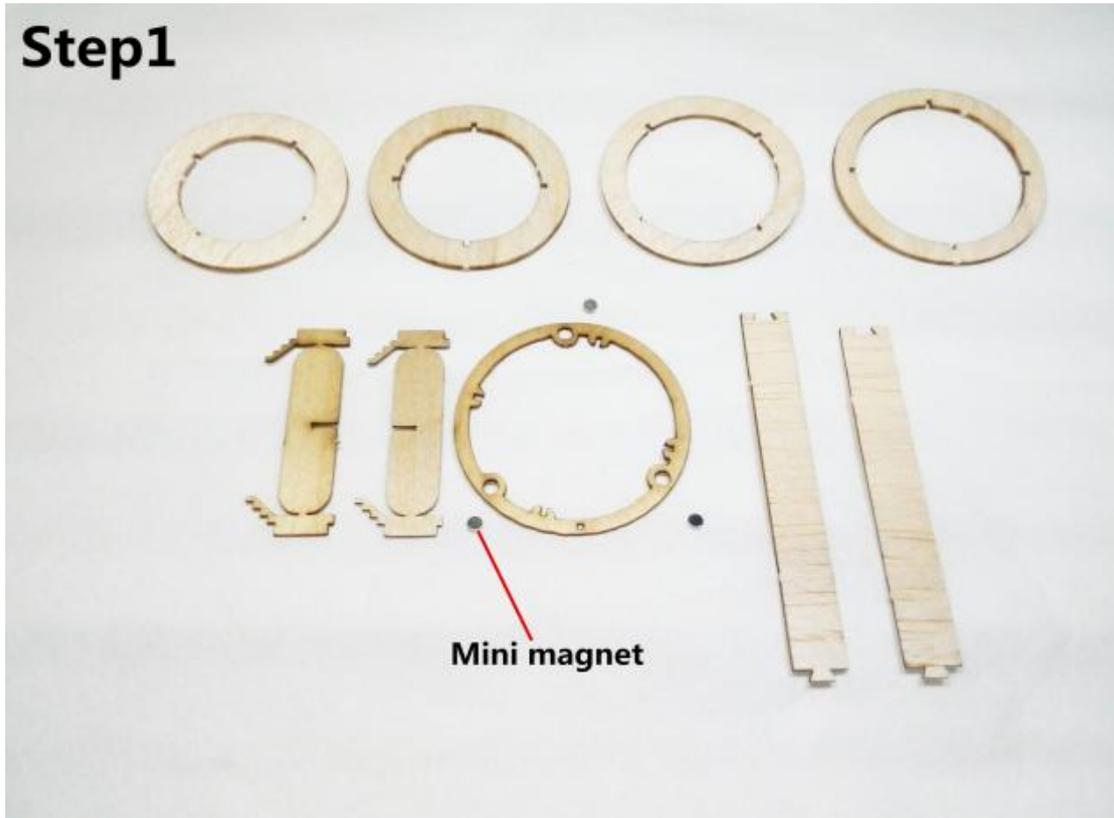
Required Electronics

- RC Transmitter with at least 4 channels
- Receiver/ESC(If you use Brushless motor)/1.7g Micro servo
- Motor,1104 Brushless motor & 8.5MM coreless motor with gearbox
- Propeller,5.5in or 138mm Prop /LiPo battery

*SPMAR6400 Micro Receiver is highly recommended

Part1 fuselage

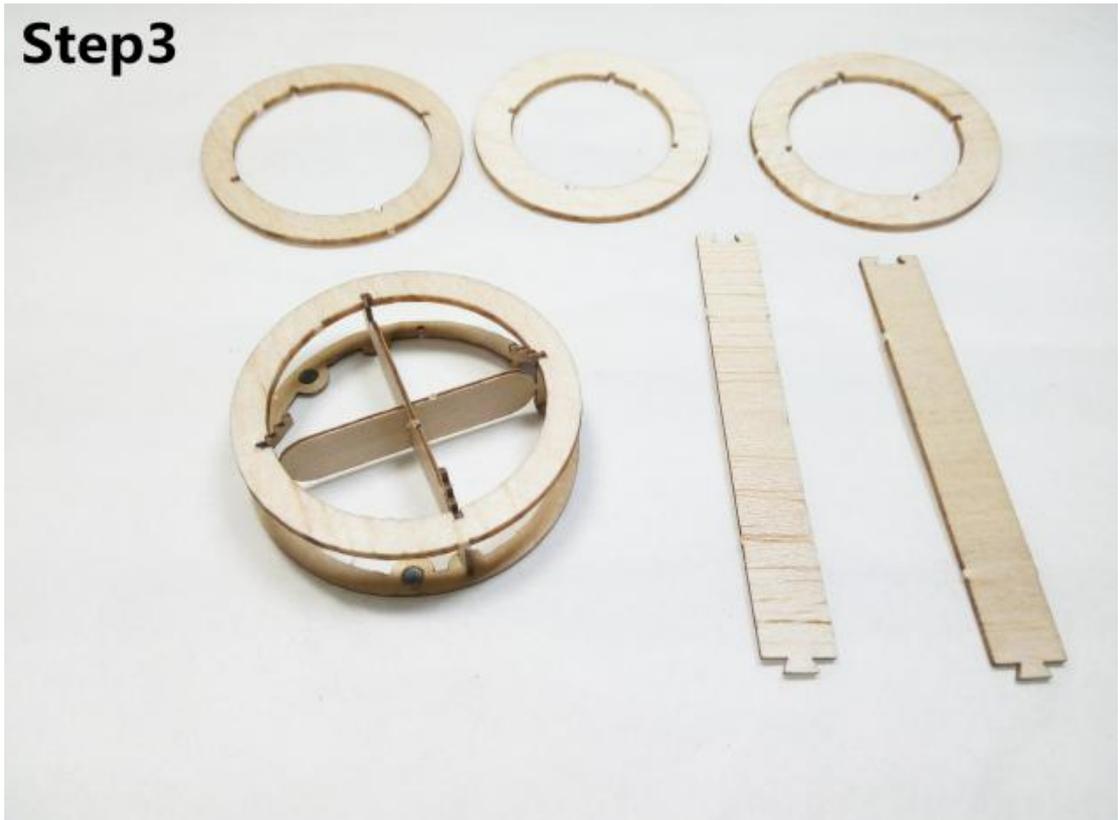
Step1



Step2



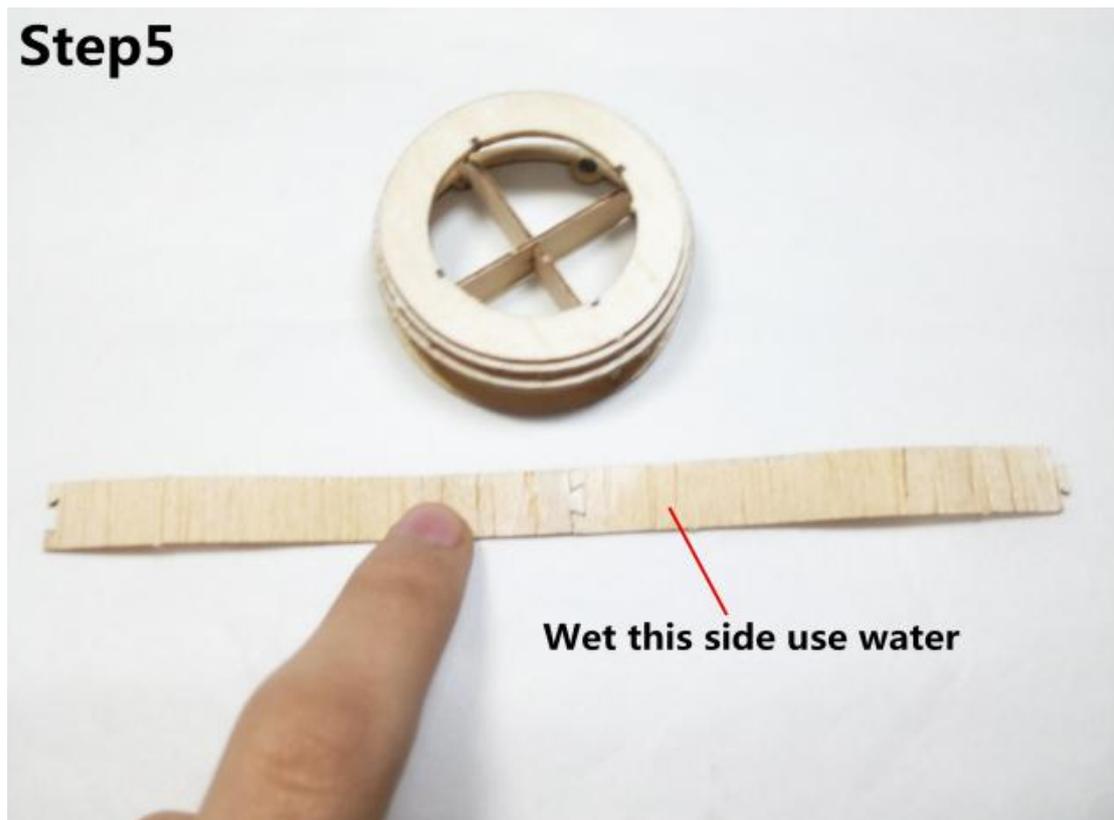
Step3



Step4



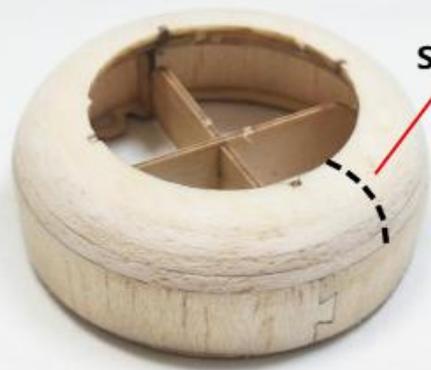
Step5



Step6



Step7



Sand it carefully

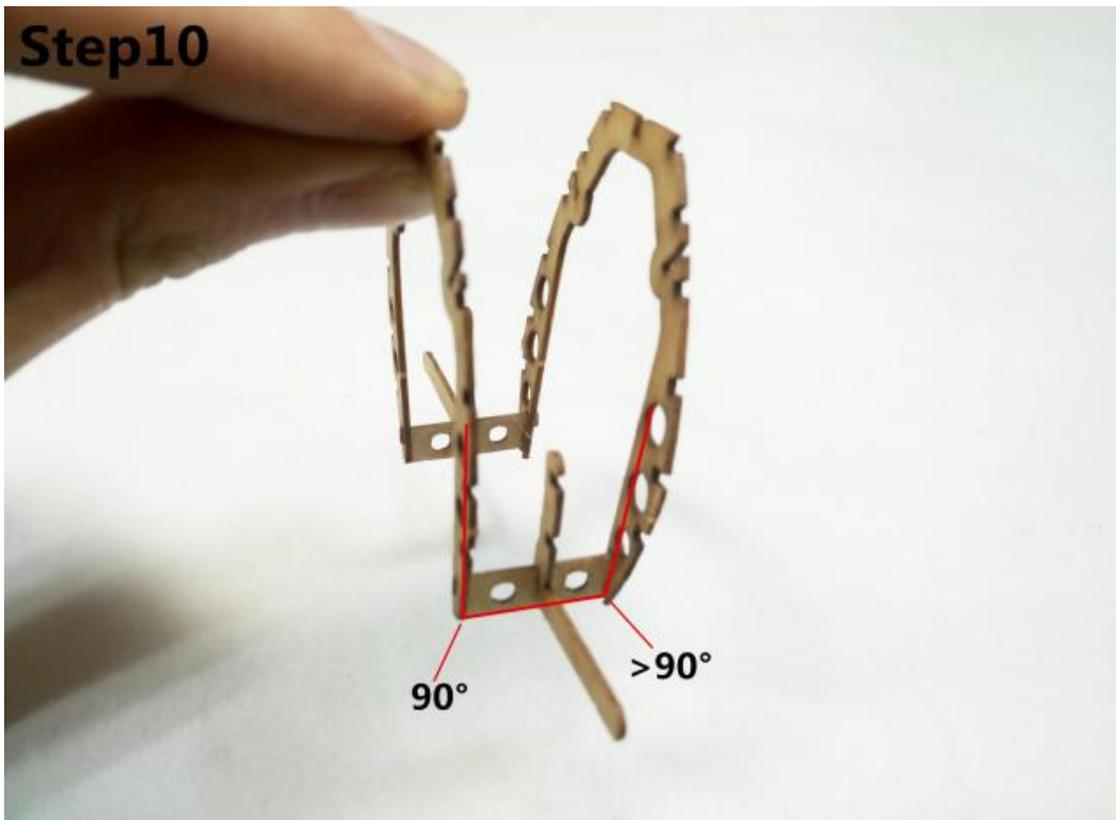
Step8



Step9



Step10

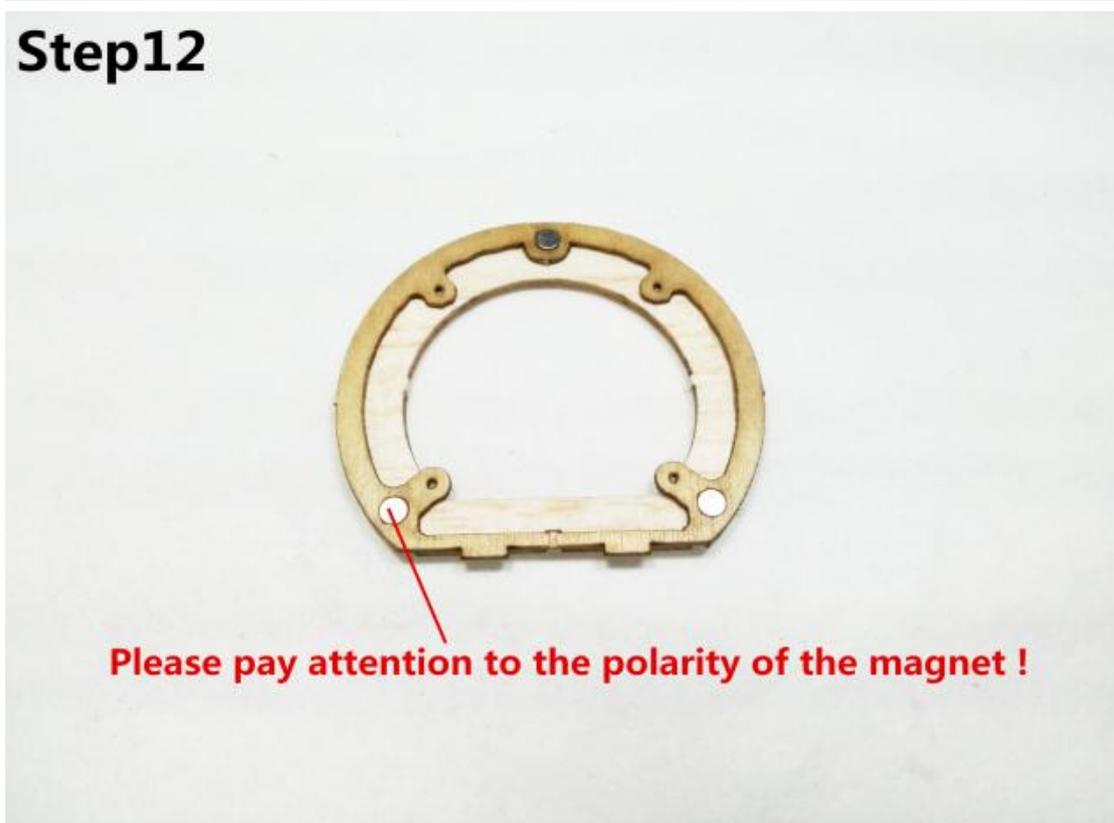


The right side is sloped, the right side is the front.

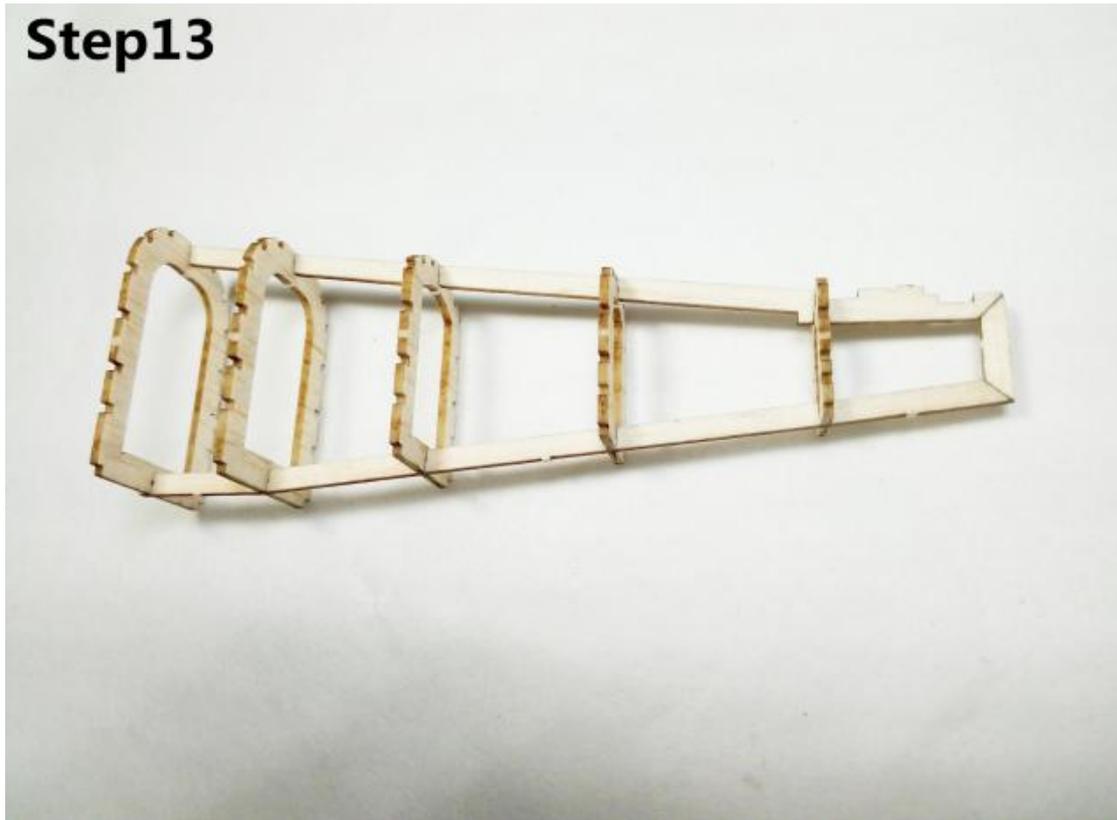
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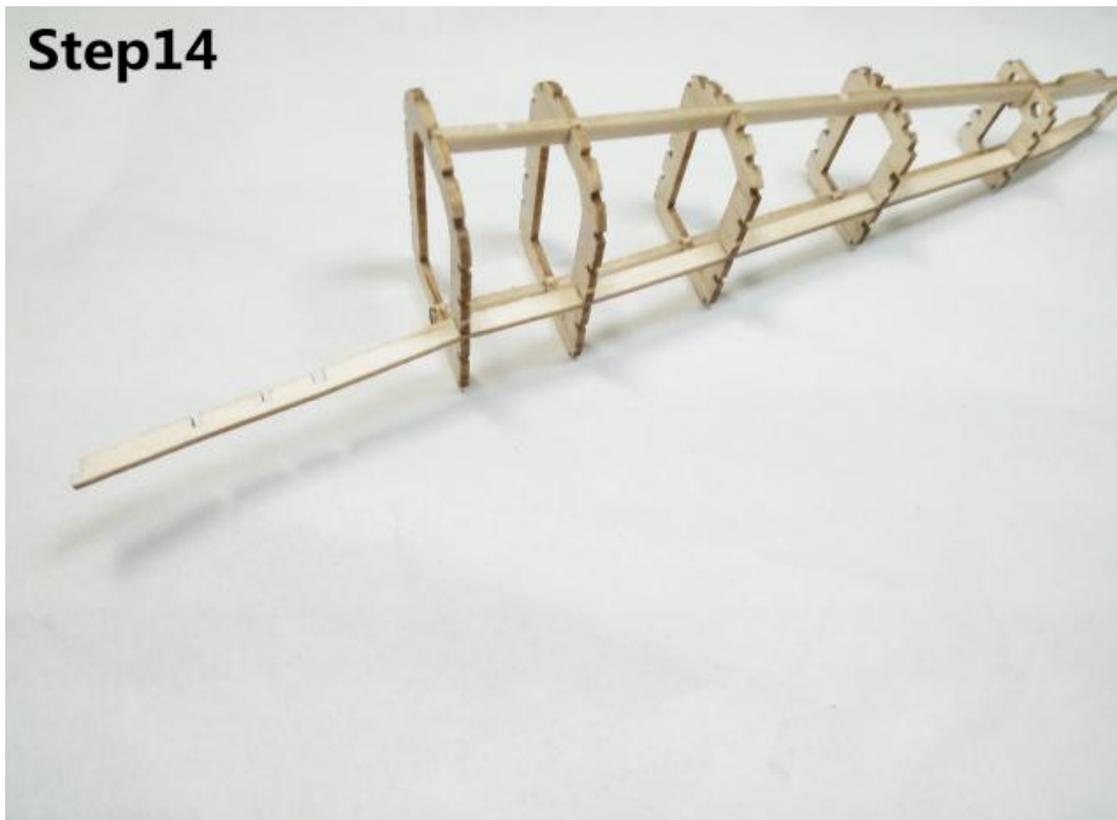
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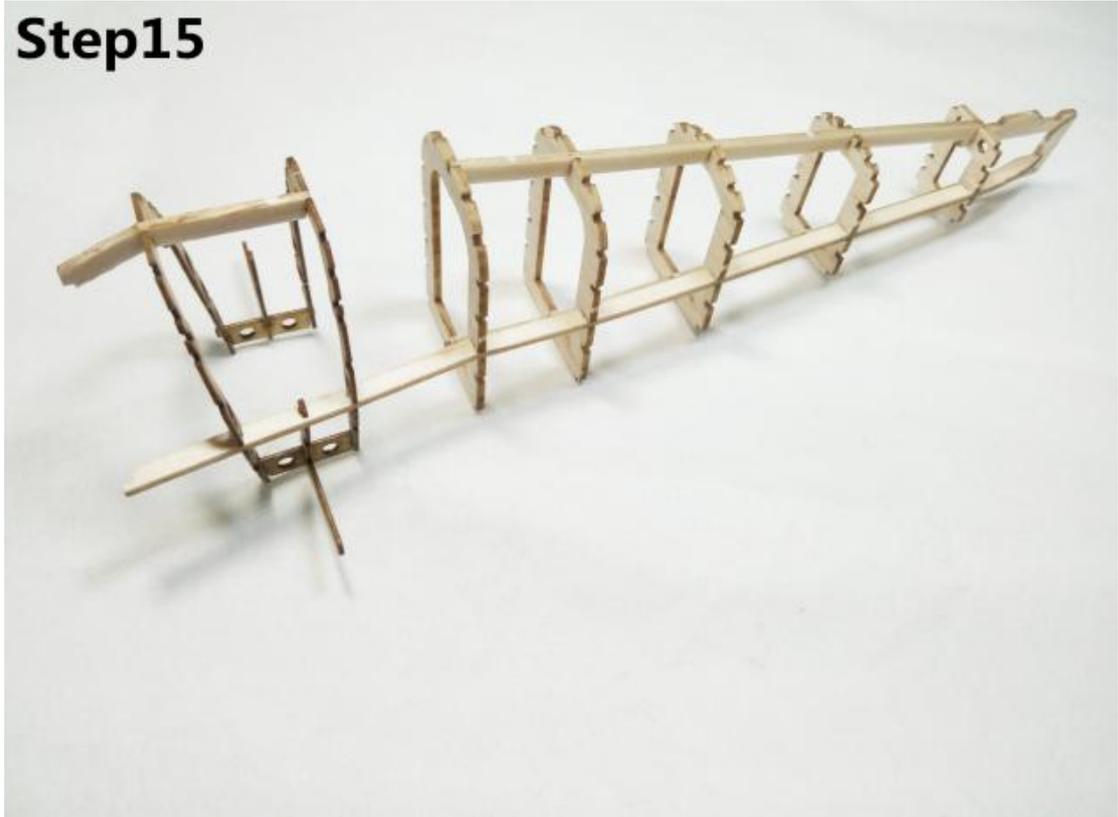
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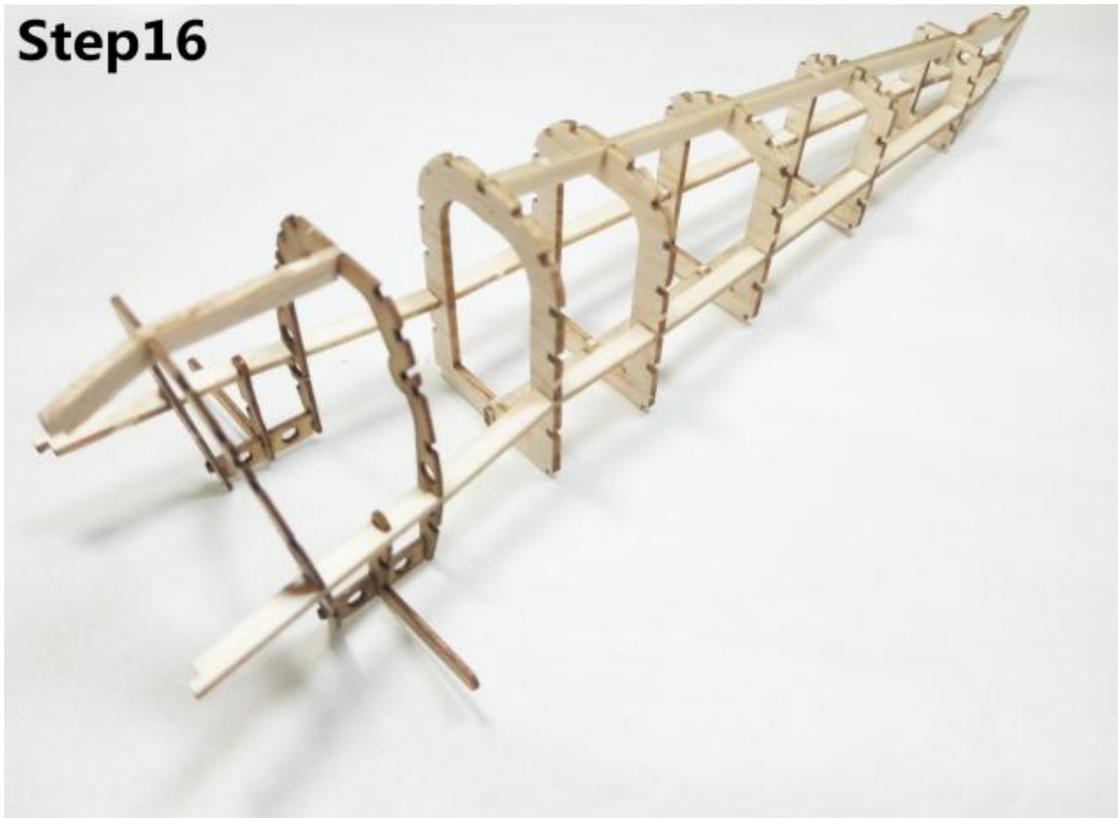
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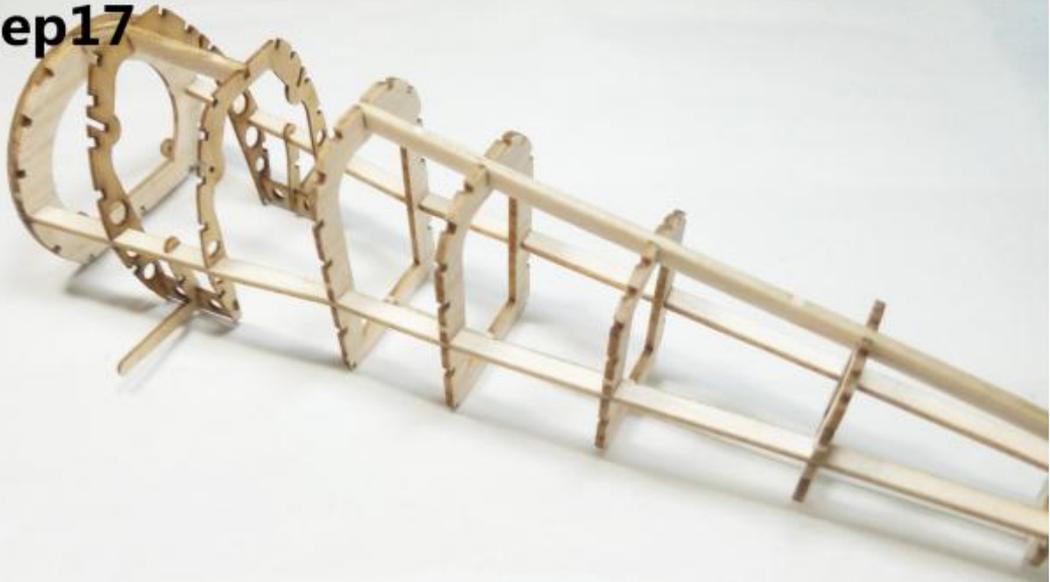
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Step16



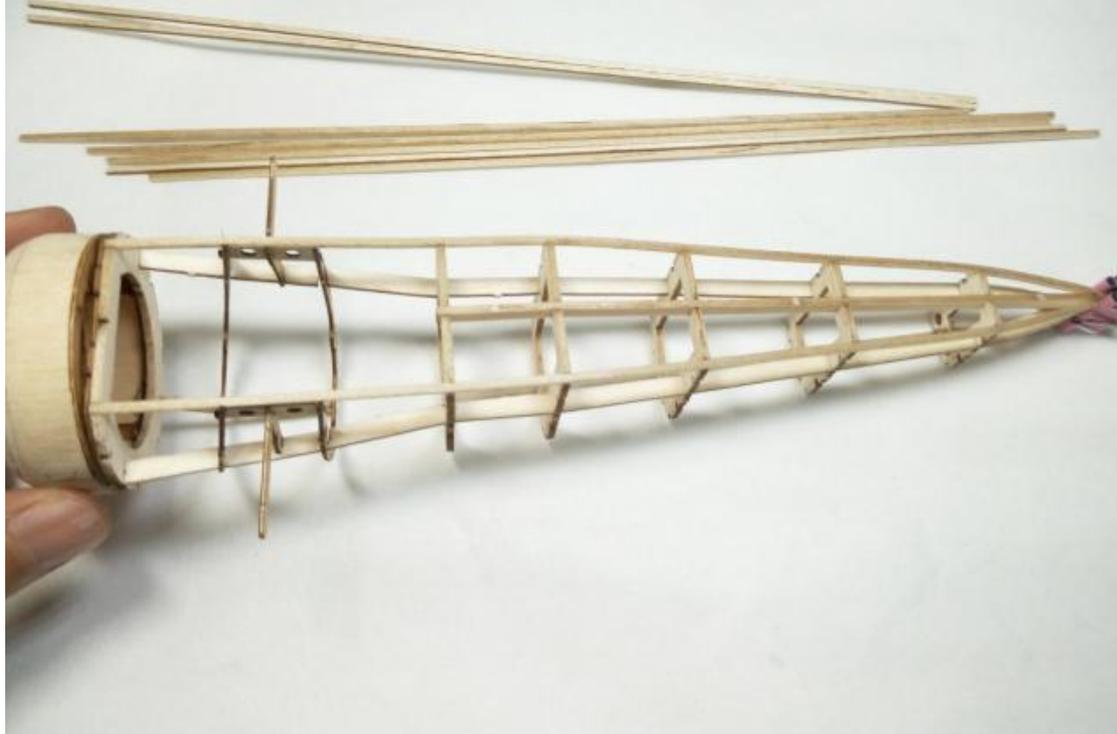
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Step18



Step19



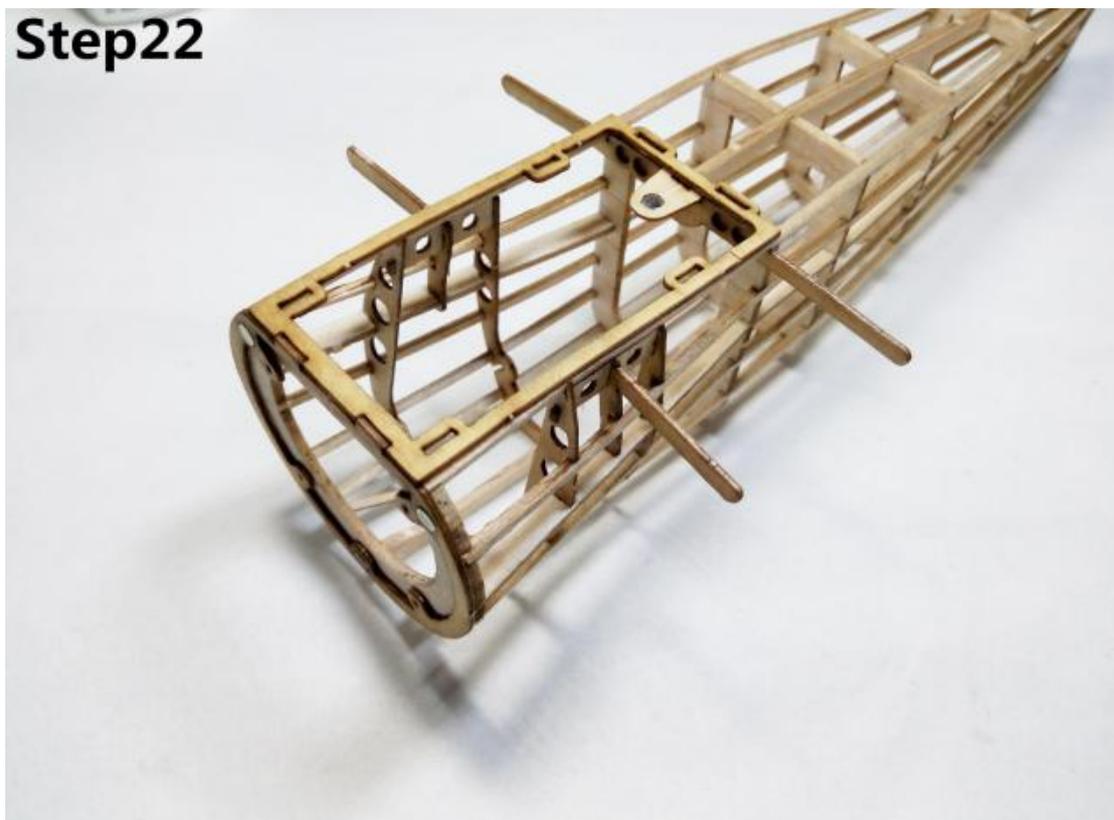
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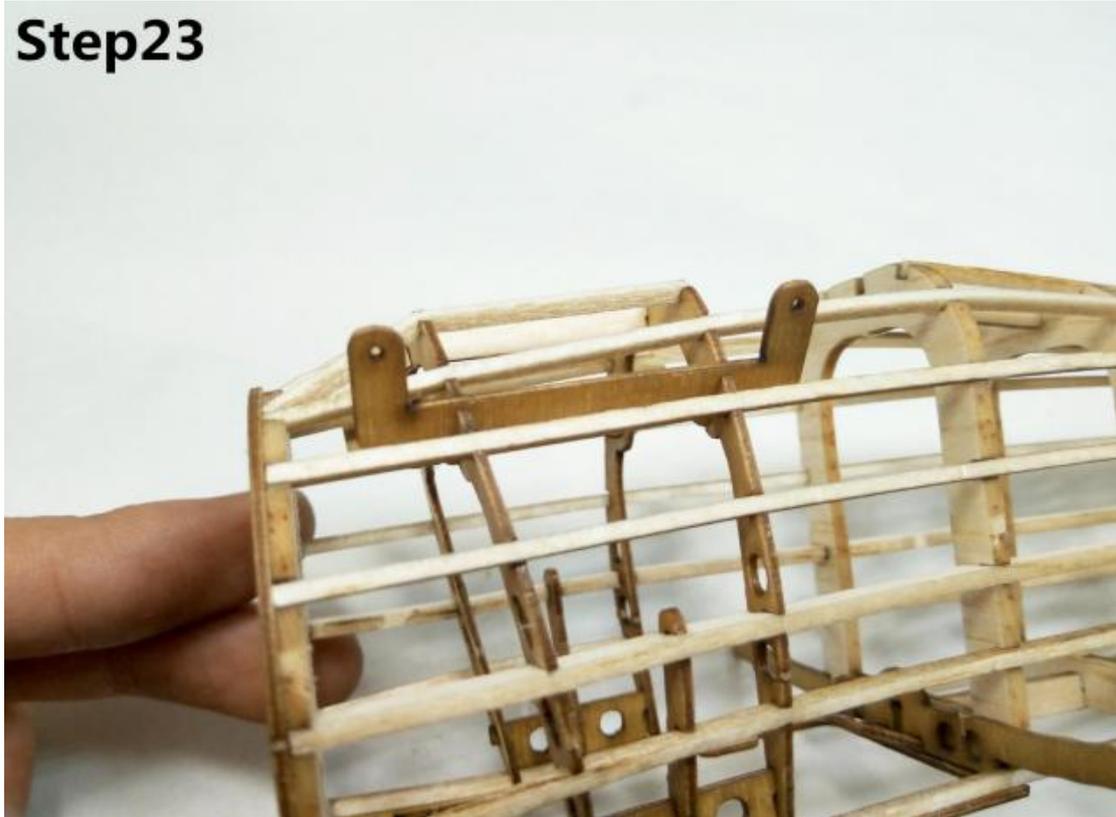
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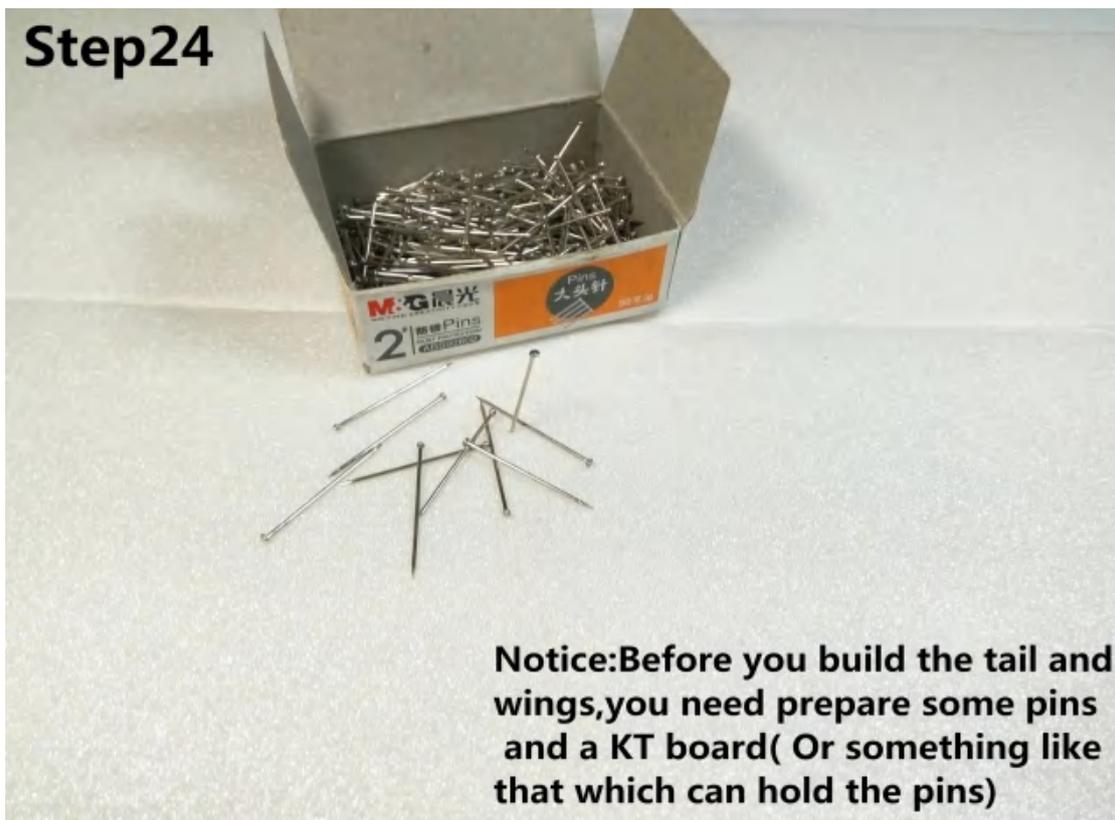
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Step23

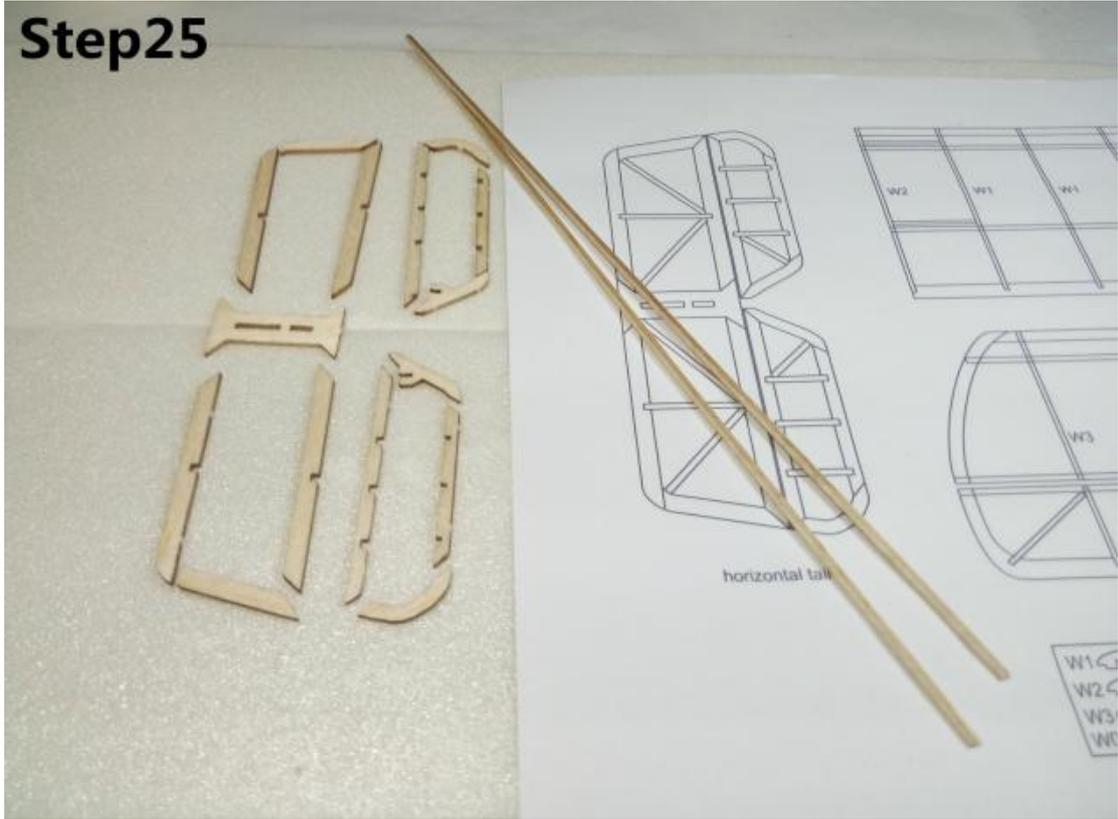


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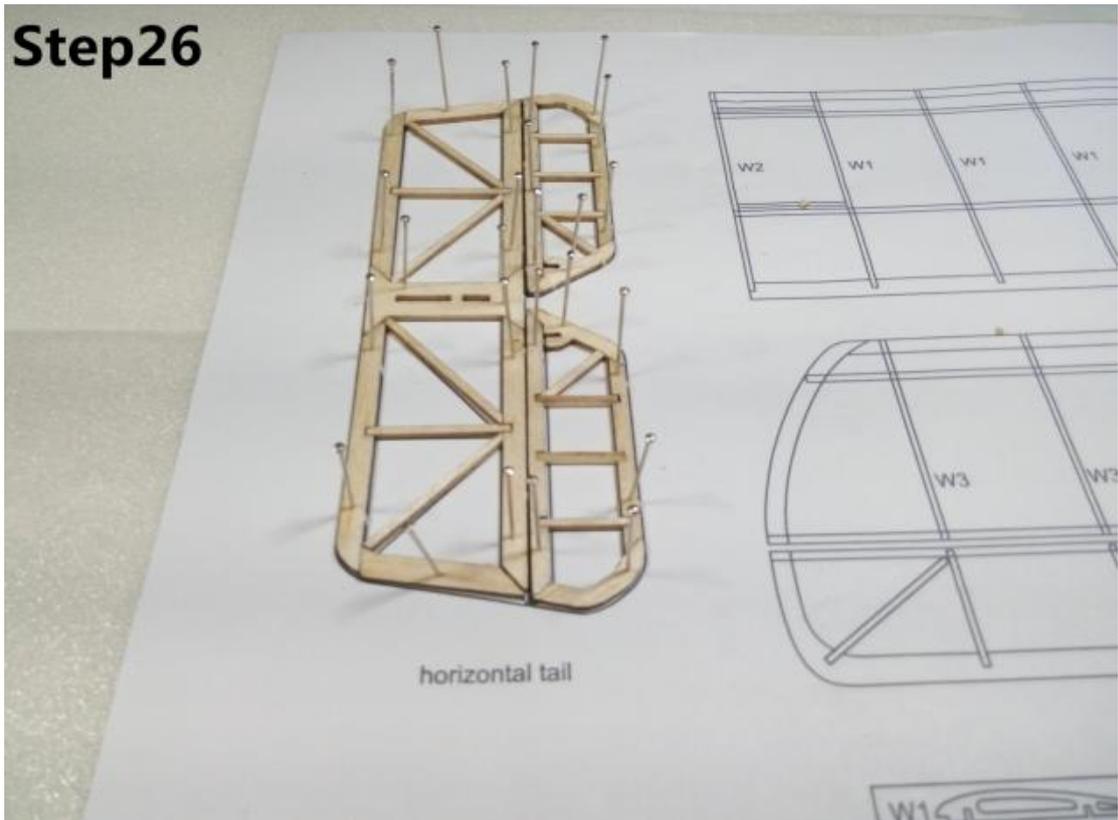


Notice:Before you build the tail and wings,you need prepare some pins and a KT board(Or something like that which can hold the pins)

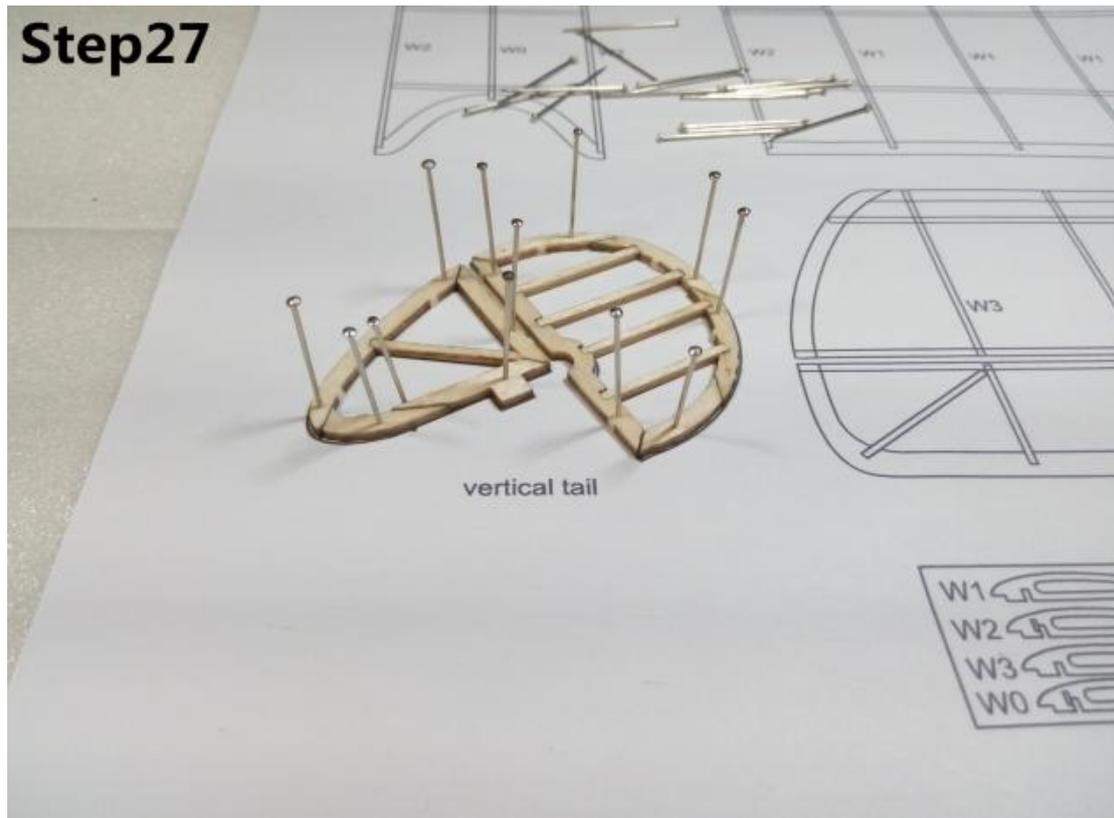
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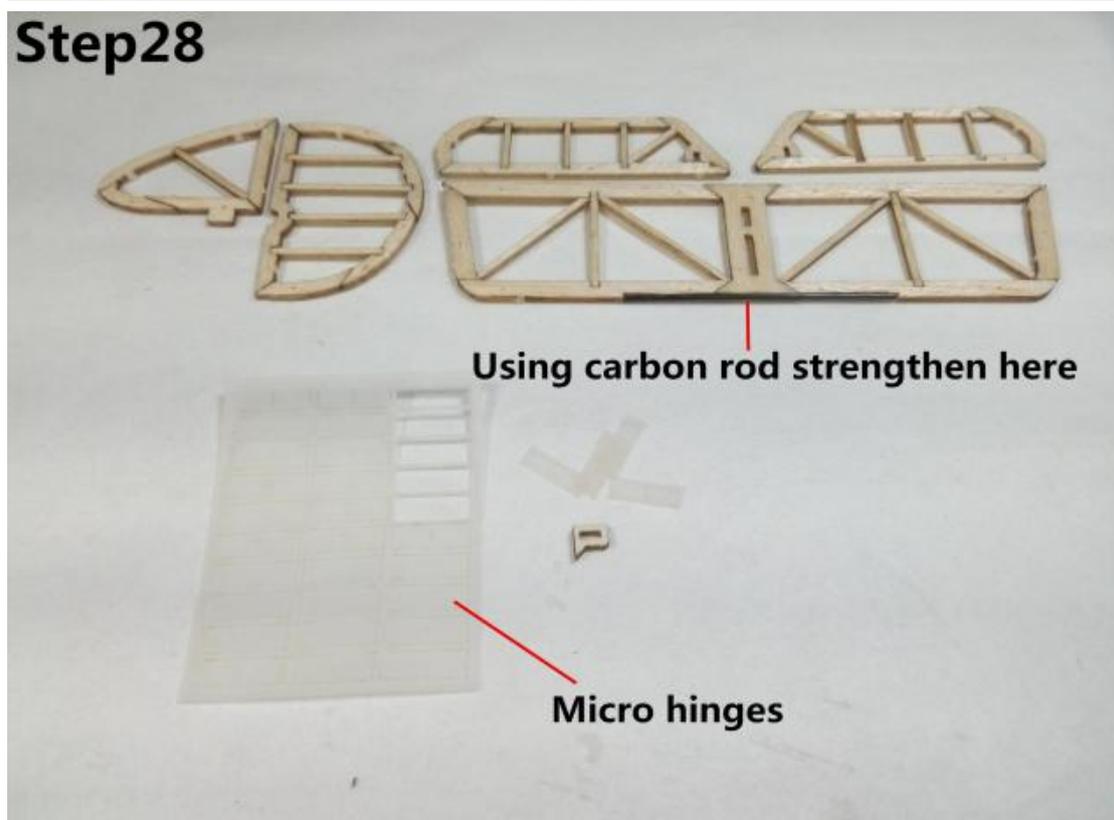
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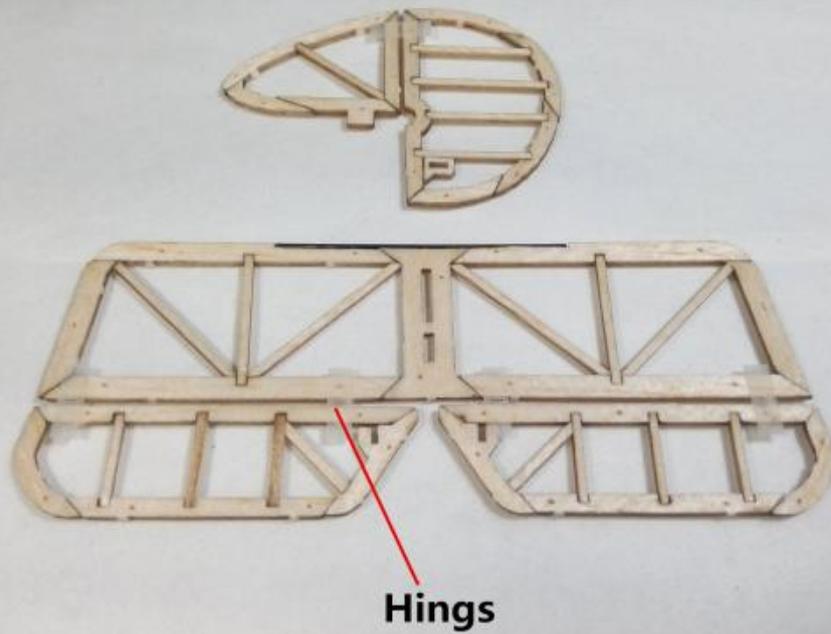
Step27



Step28



Step29



Step30

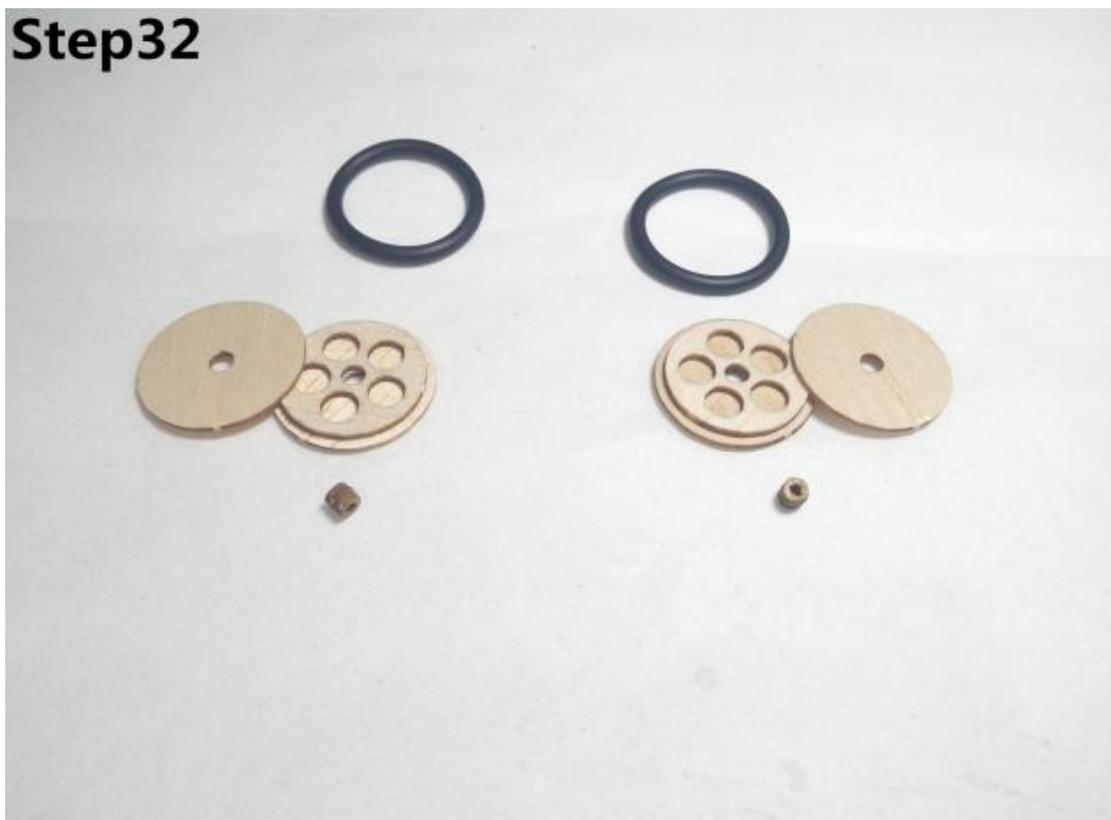


Attention: This step just show the location of the tail, do not boding it use glue before cover the the plane

Step31



Step32

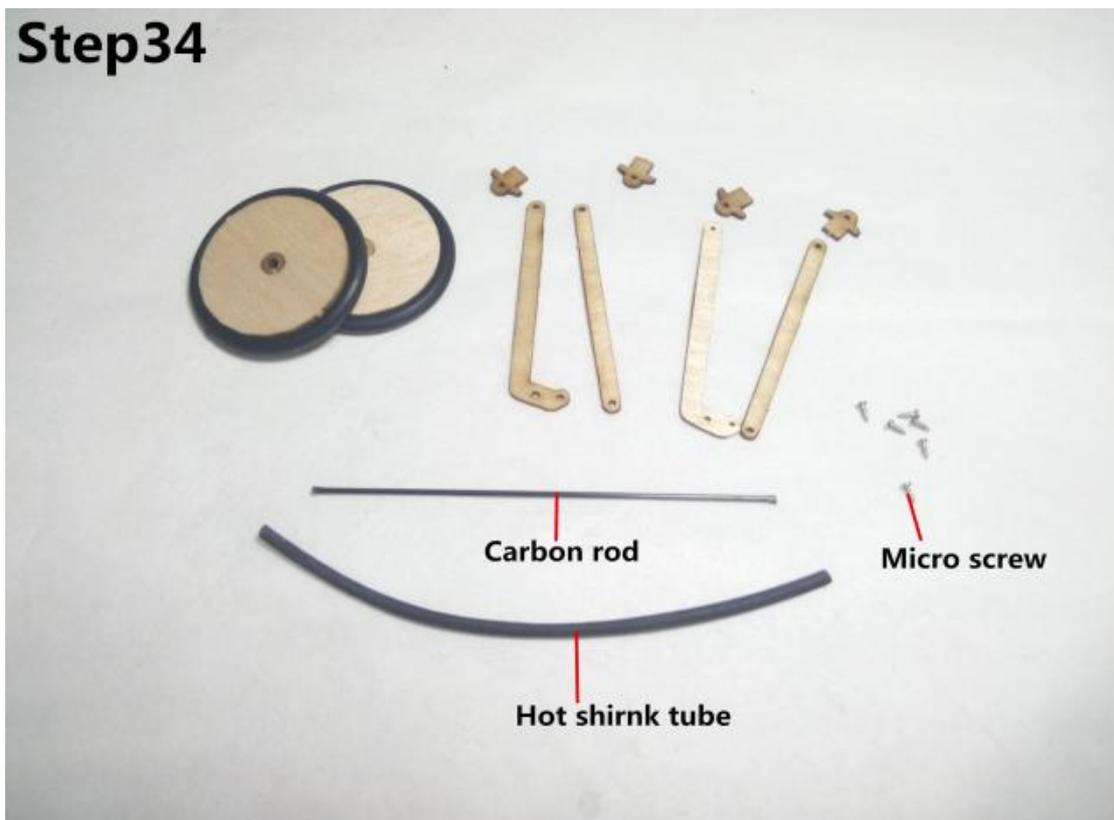


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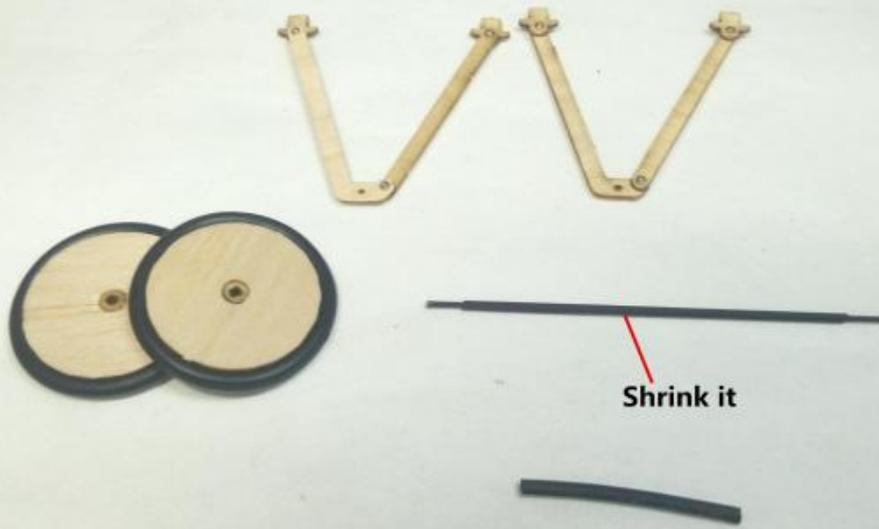
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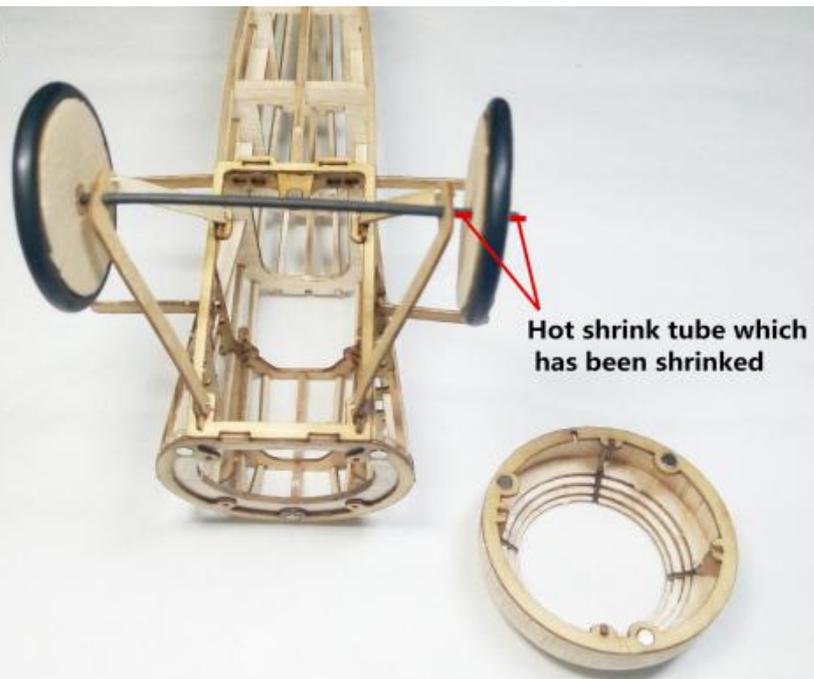
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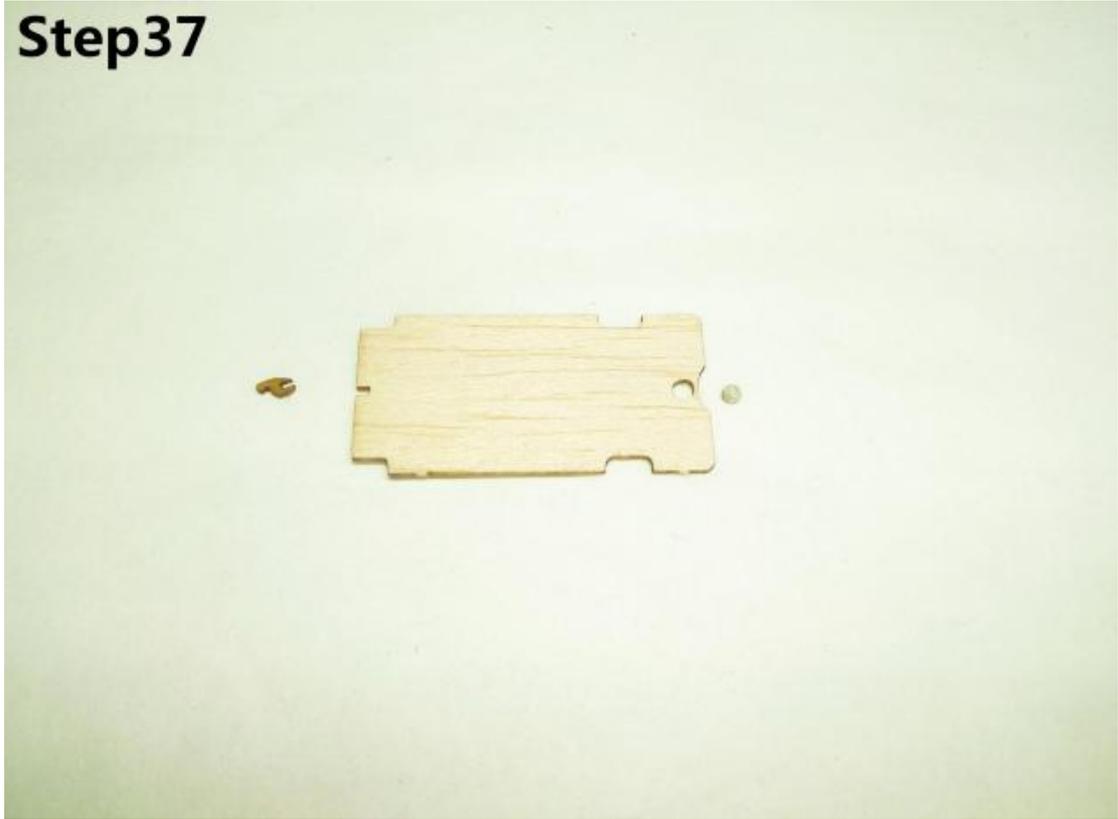
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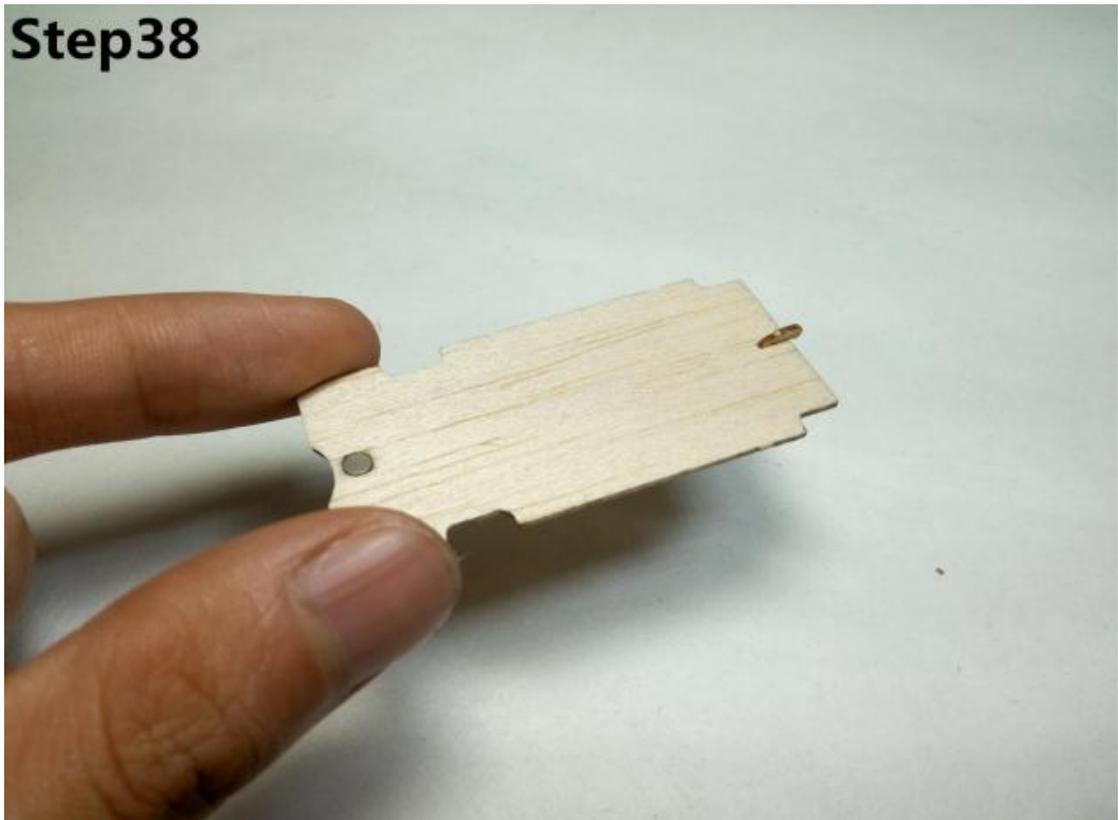
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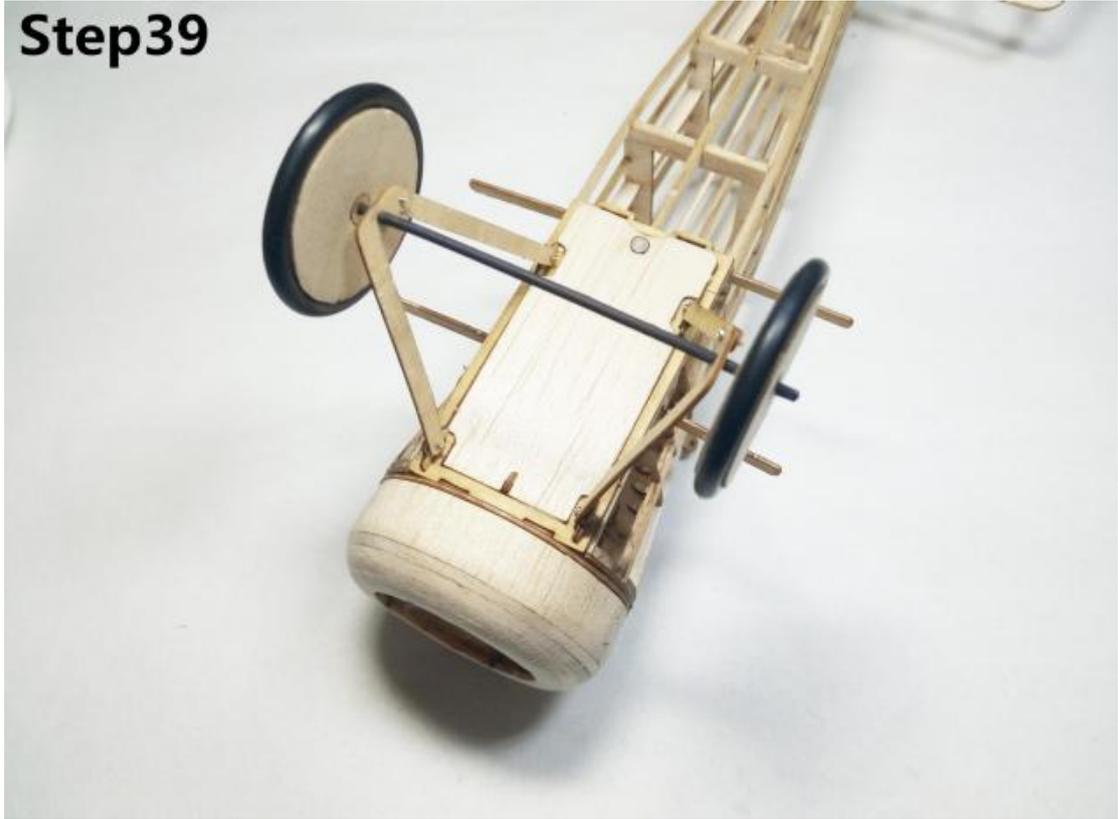
Step37



Step38

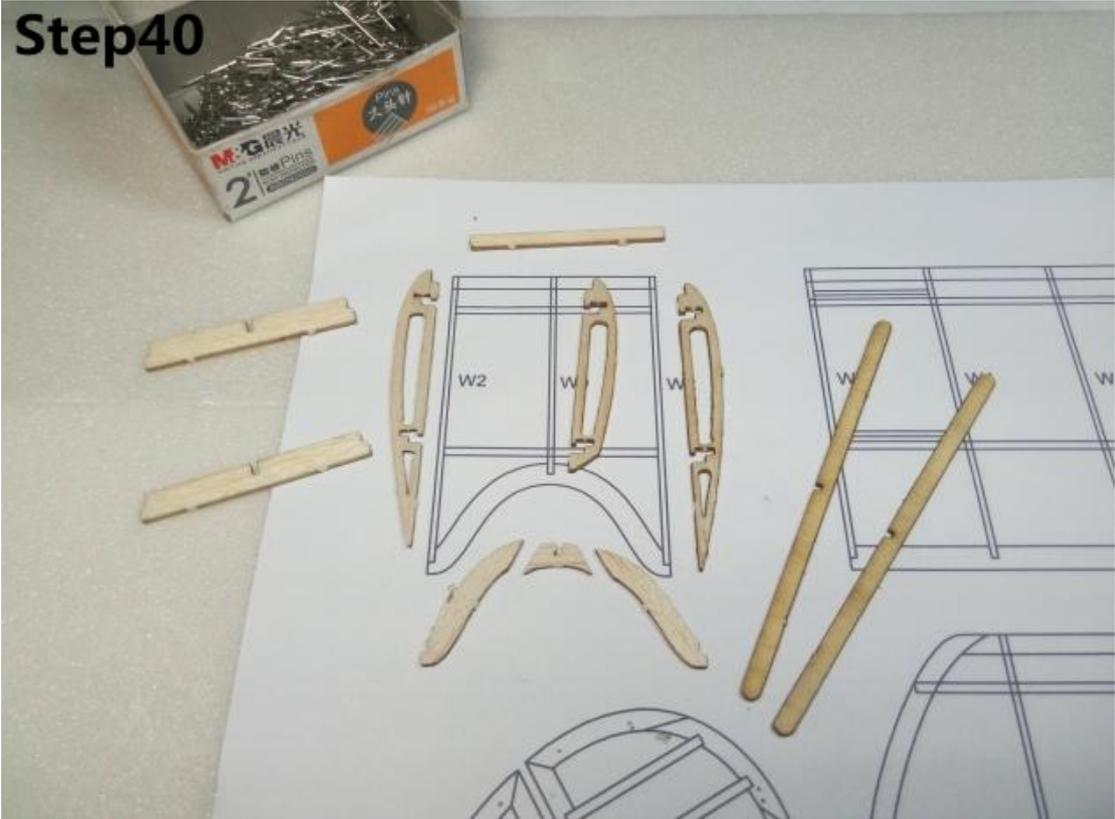


Step39

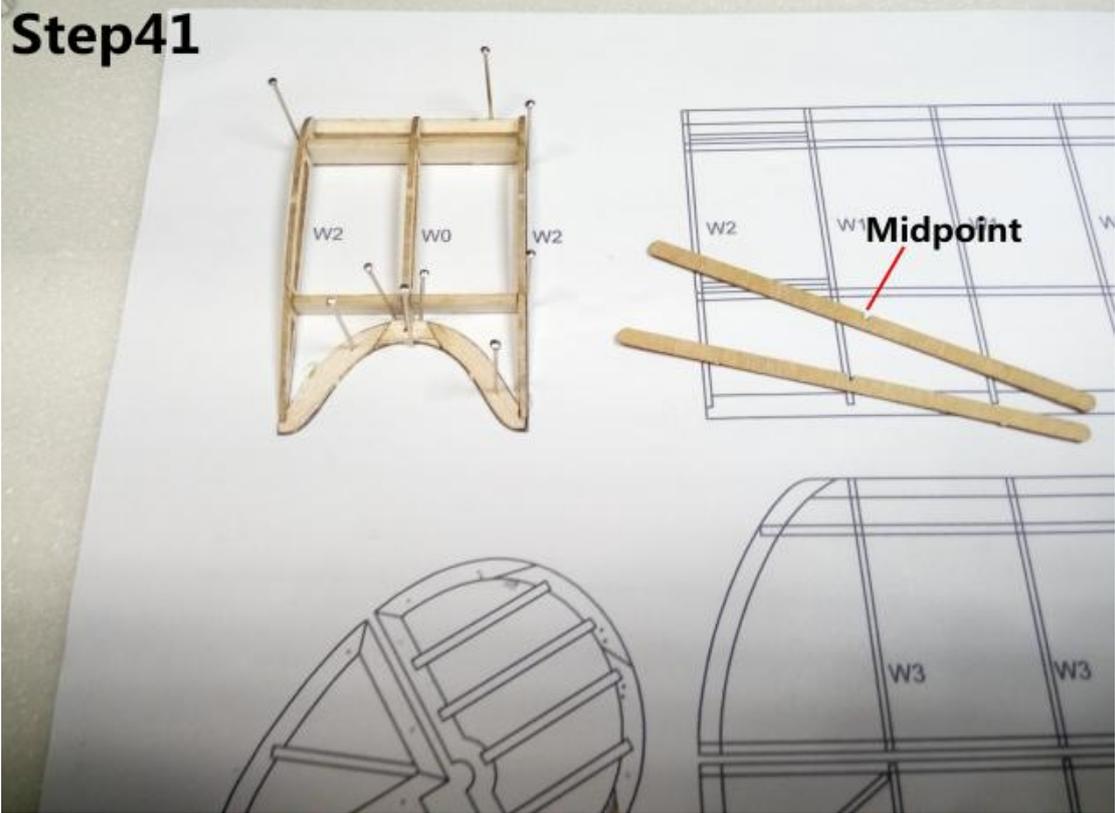


Part2 The Wings

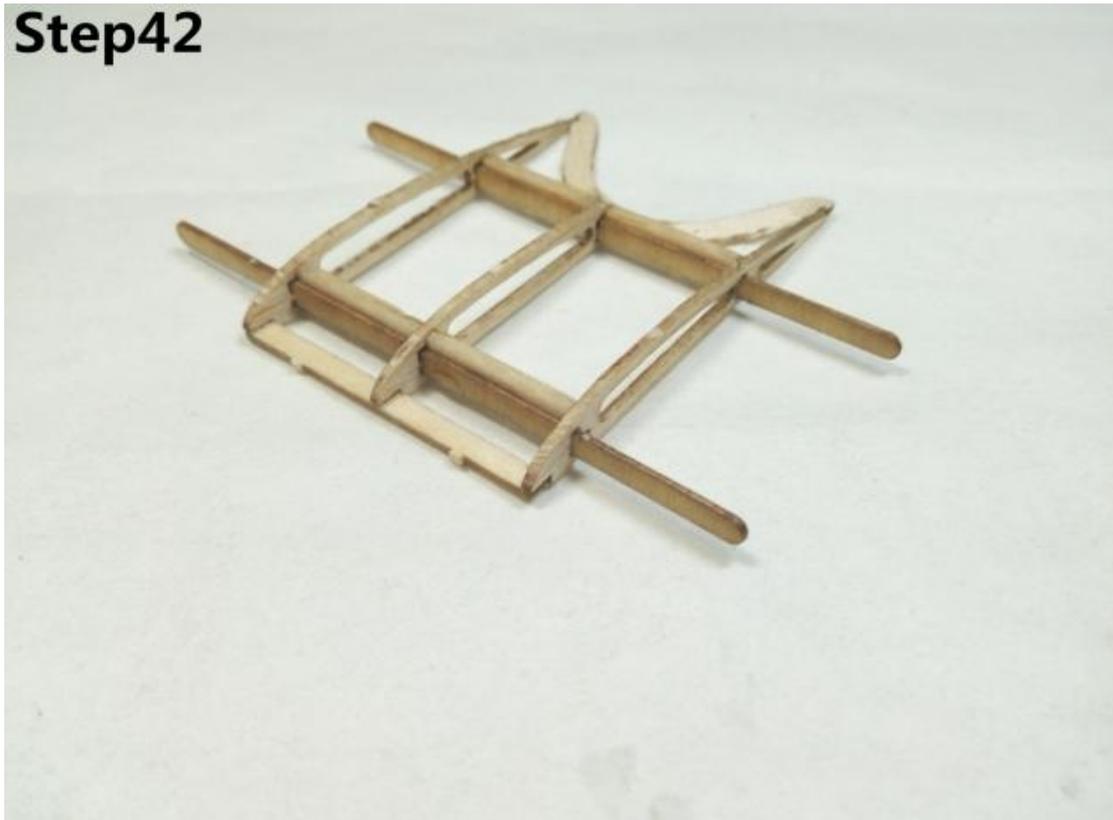
Step40



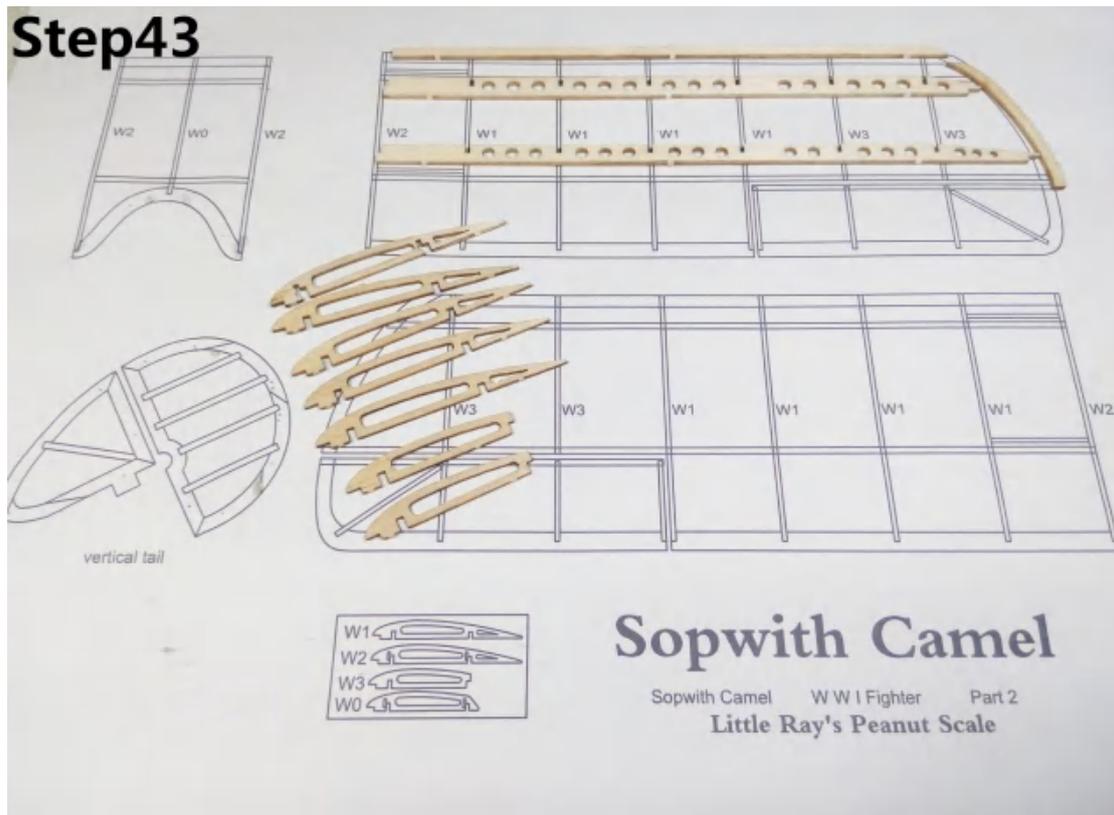
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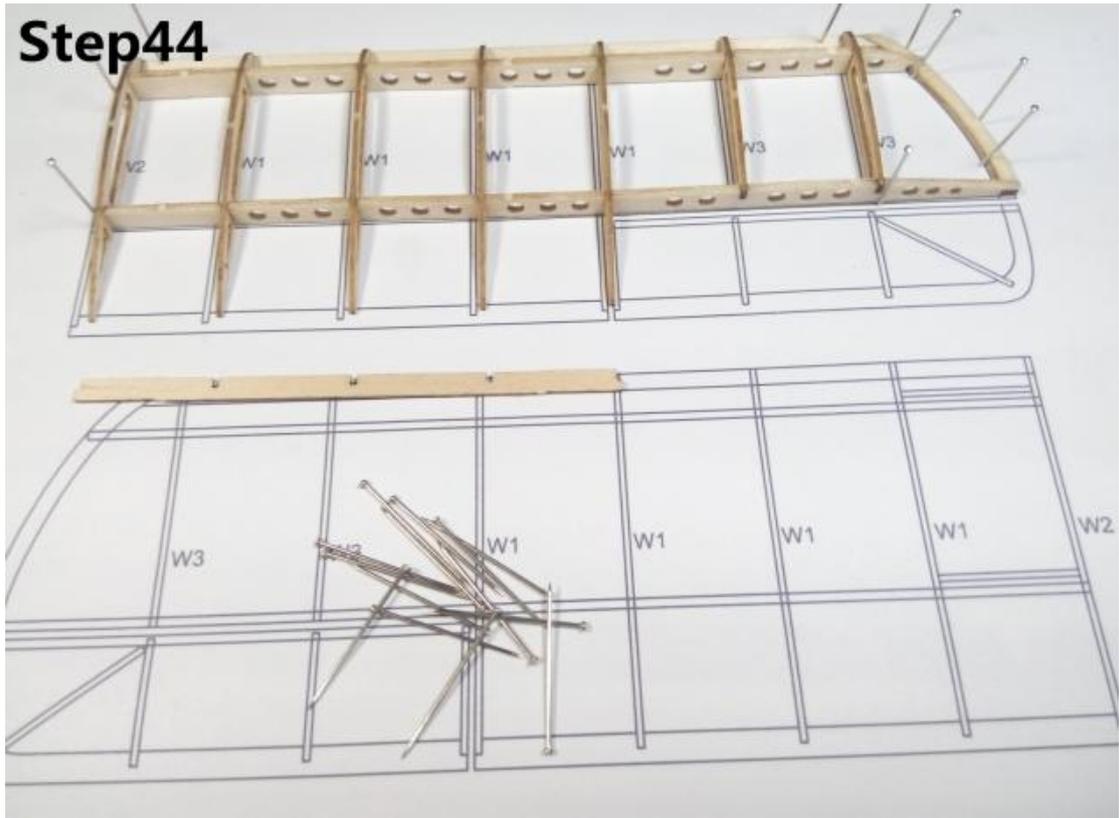
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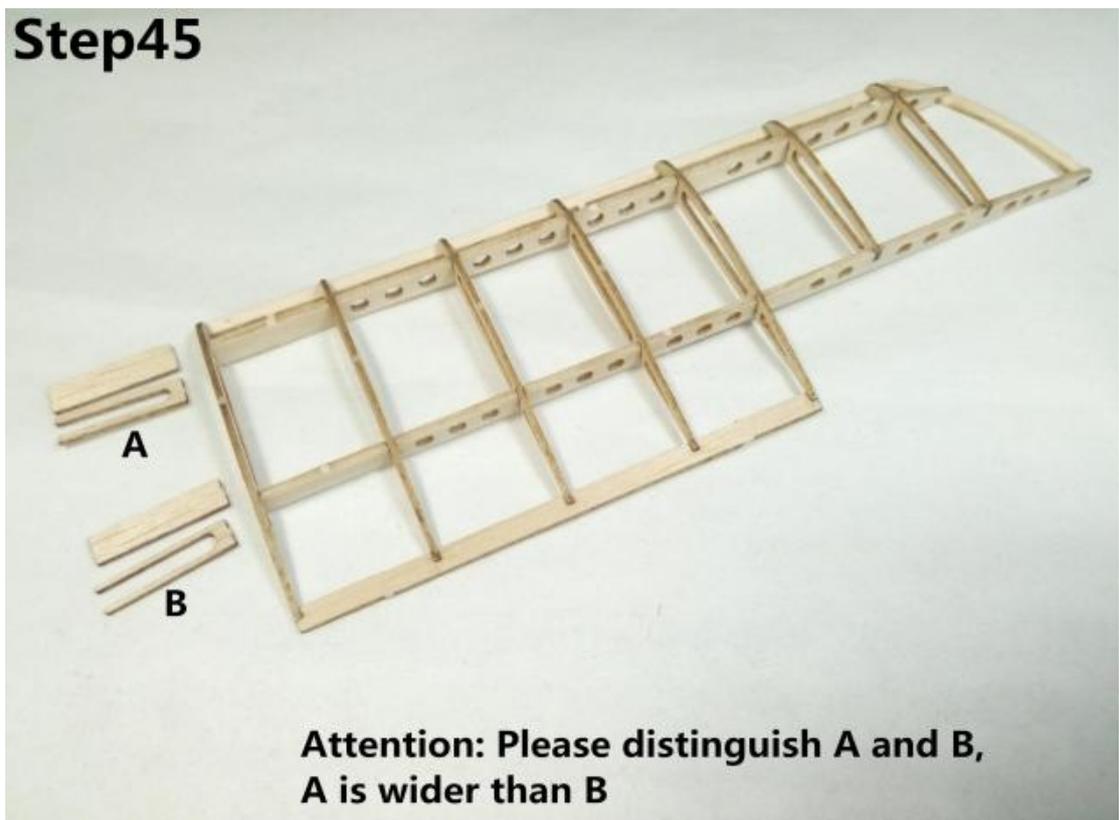
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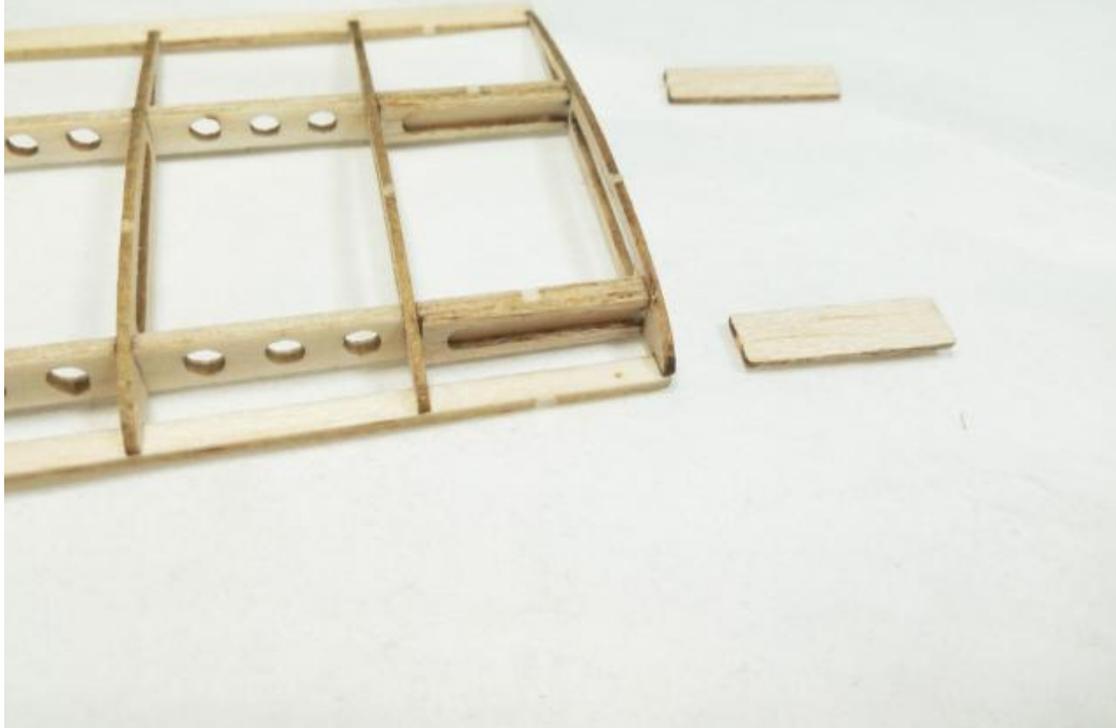
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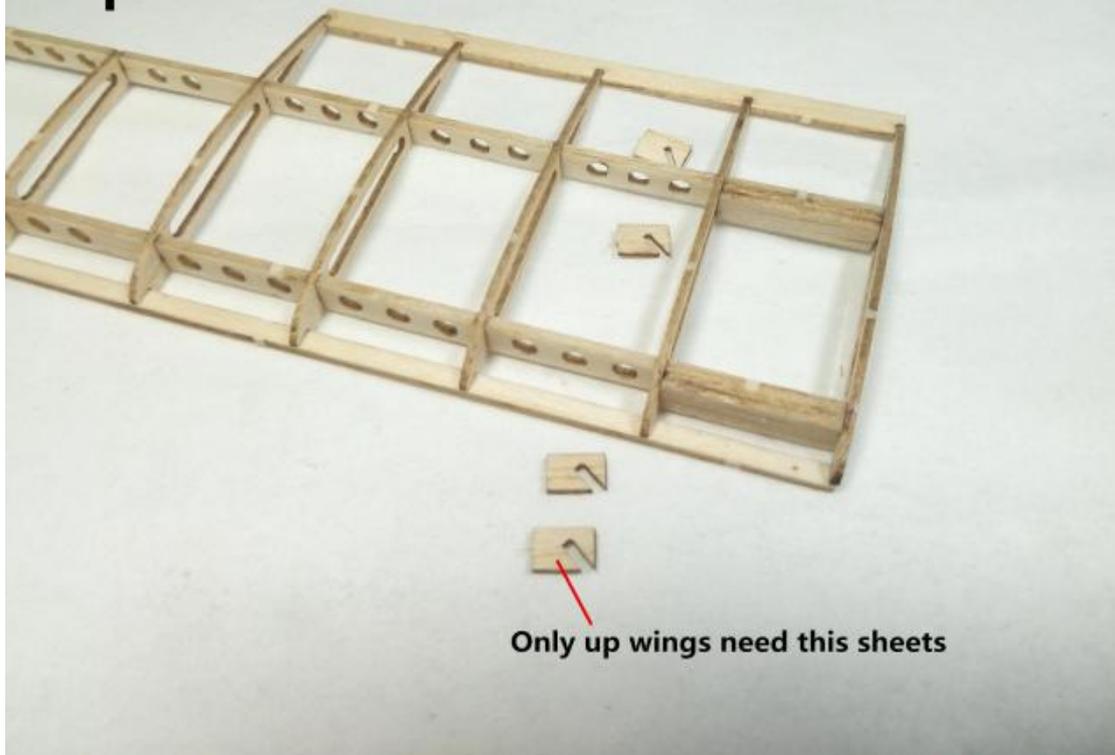
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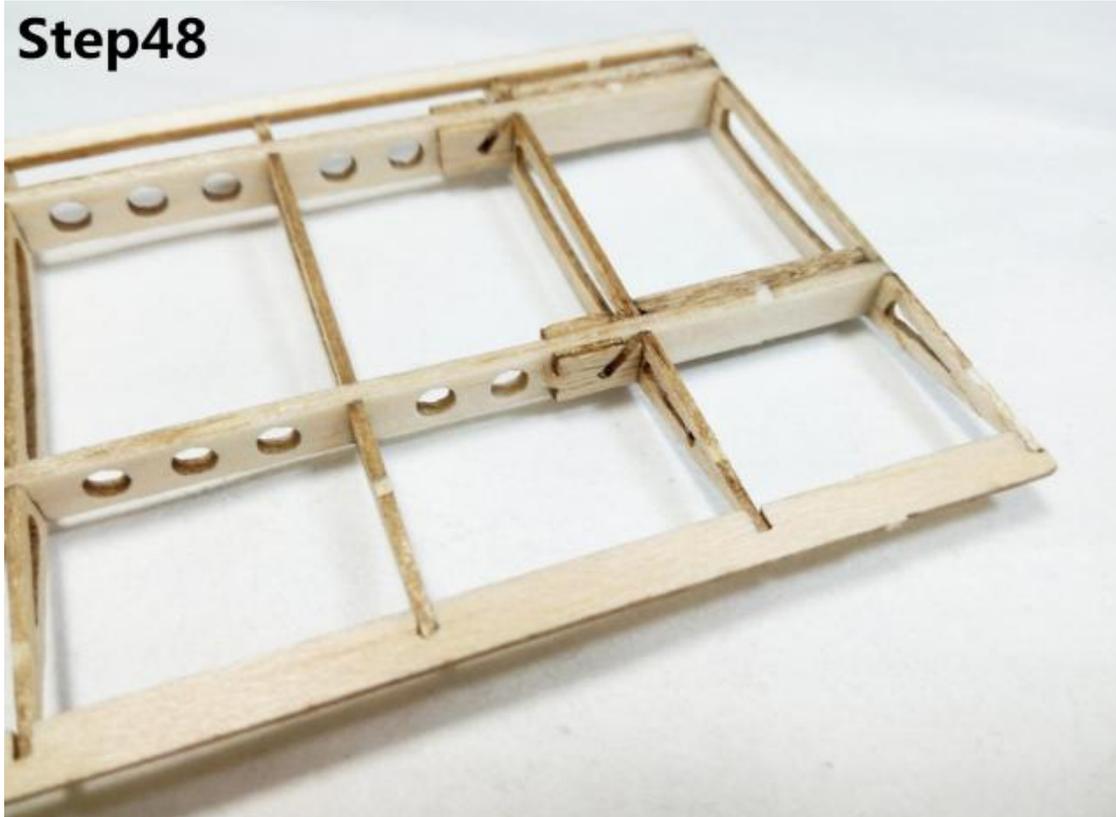
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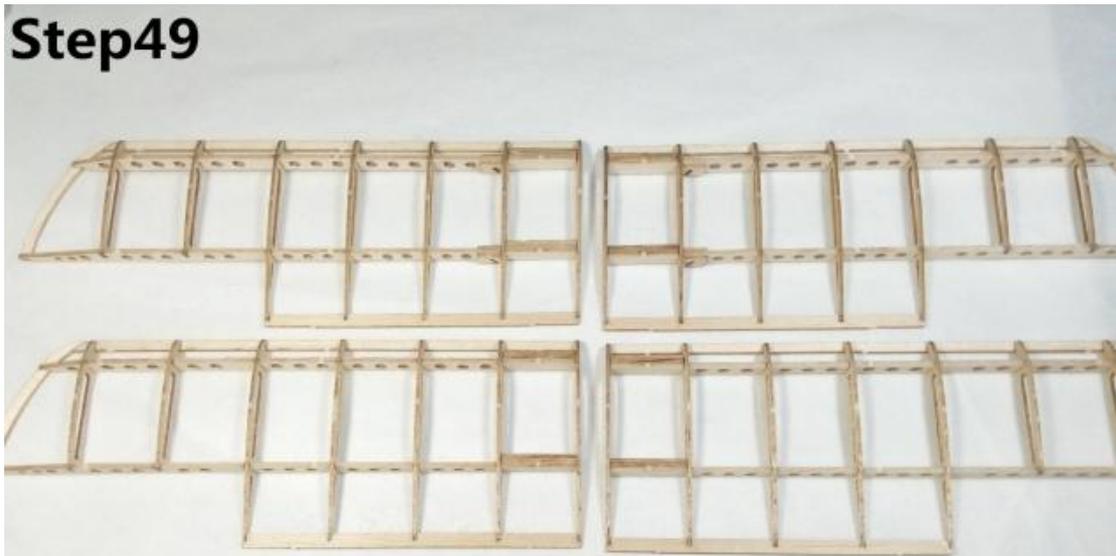
Step47



Step48

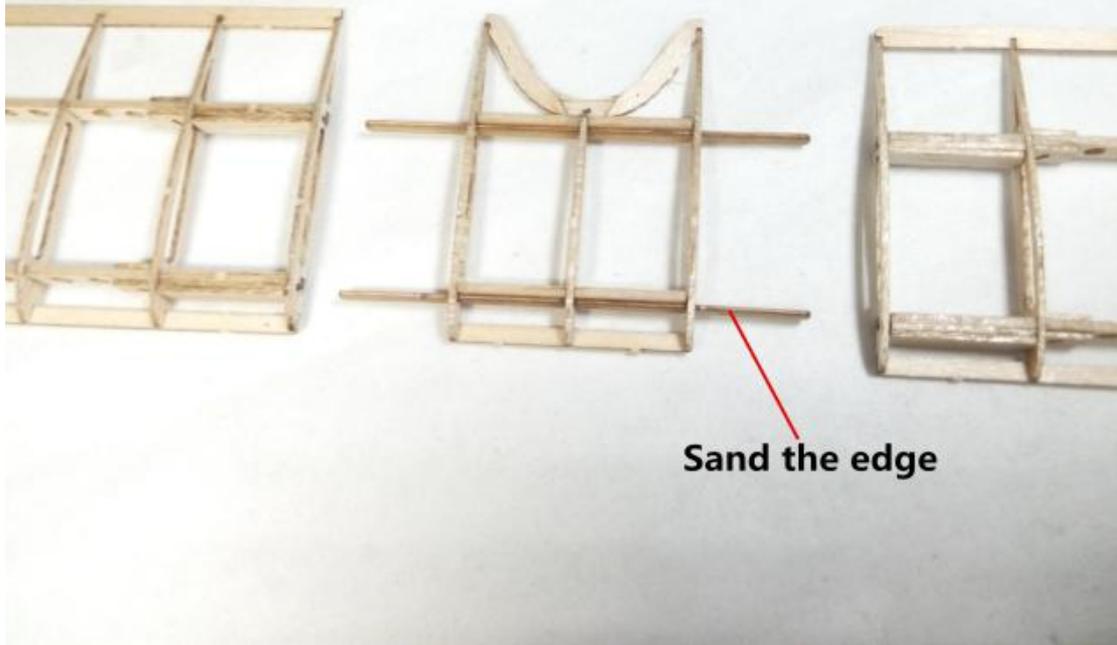


Step49

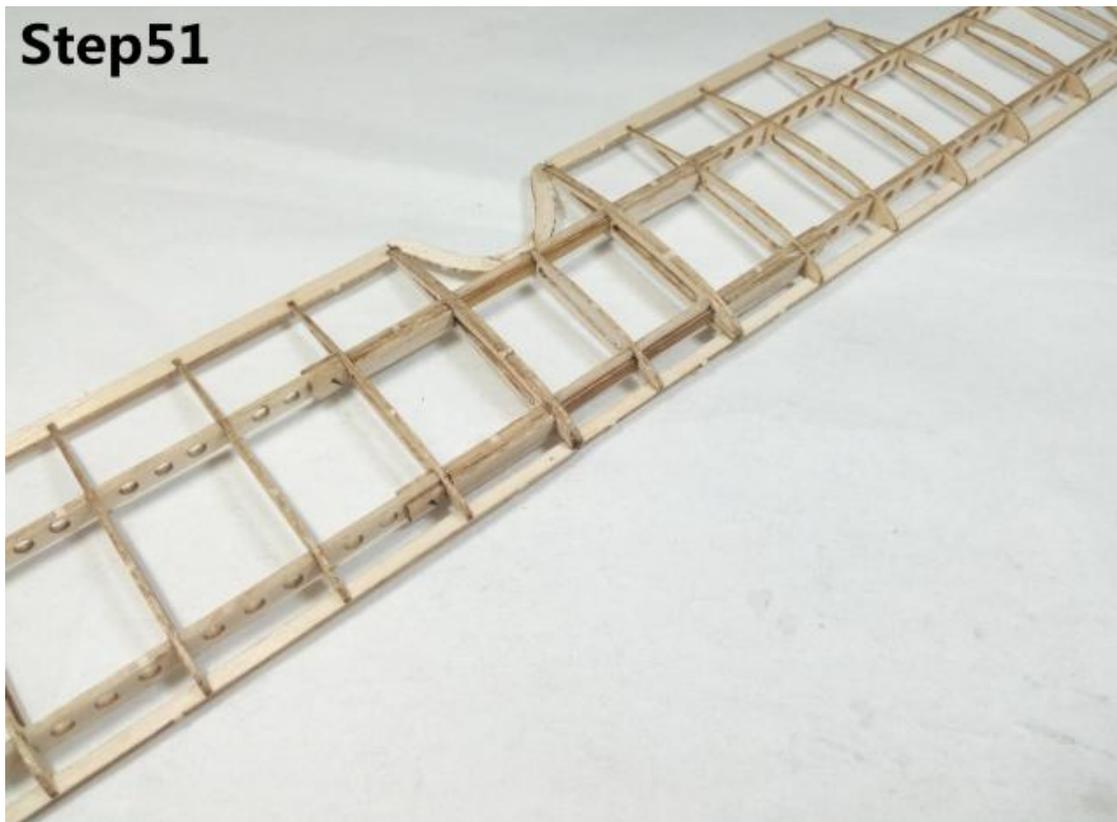


Finish the rest of the wings

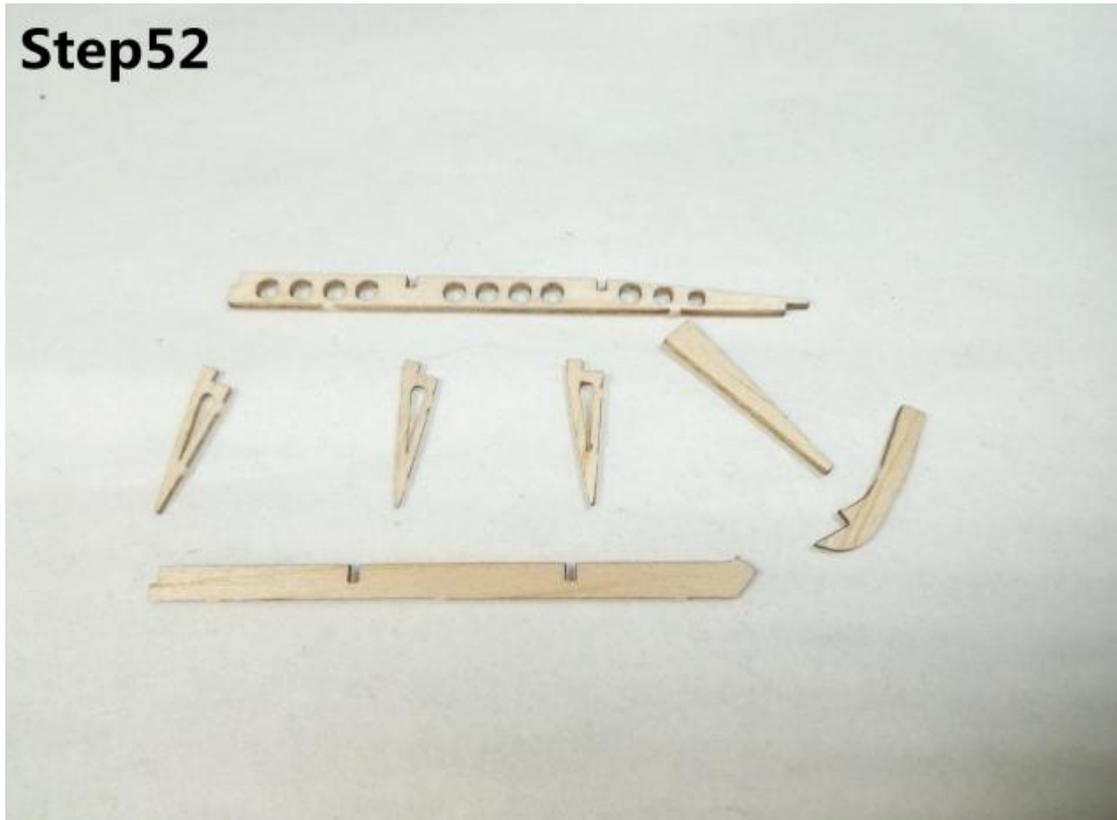
Step50



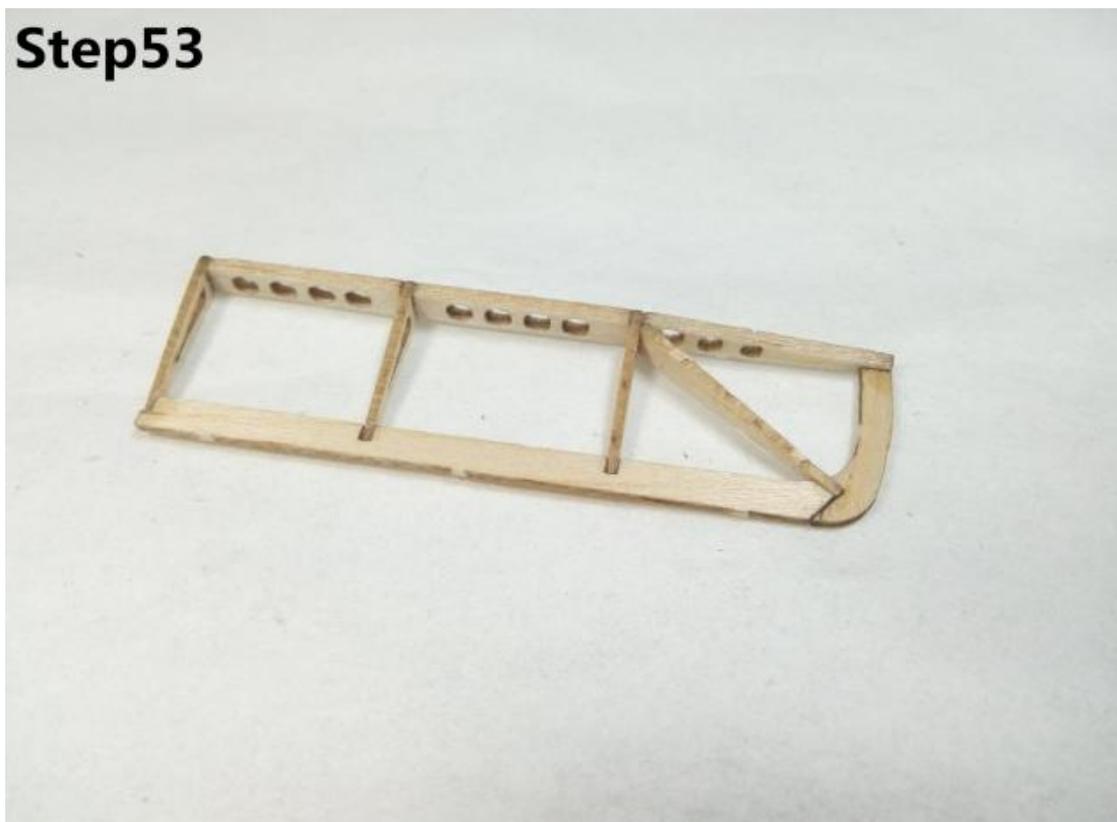
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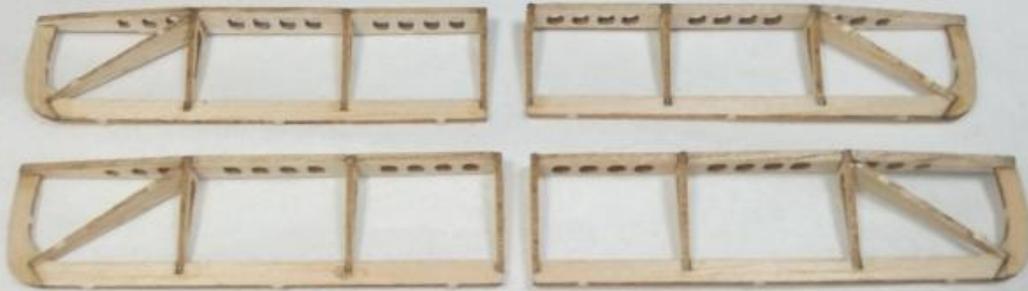
Step52



Step53

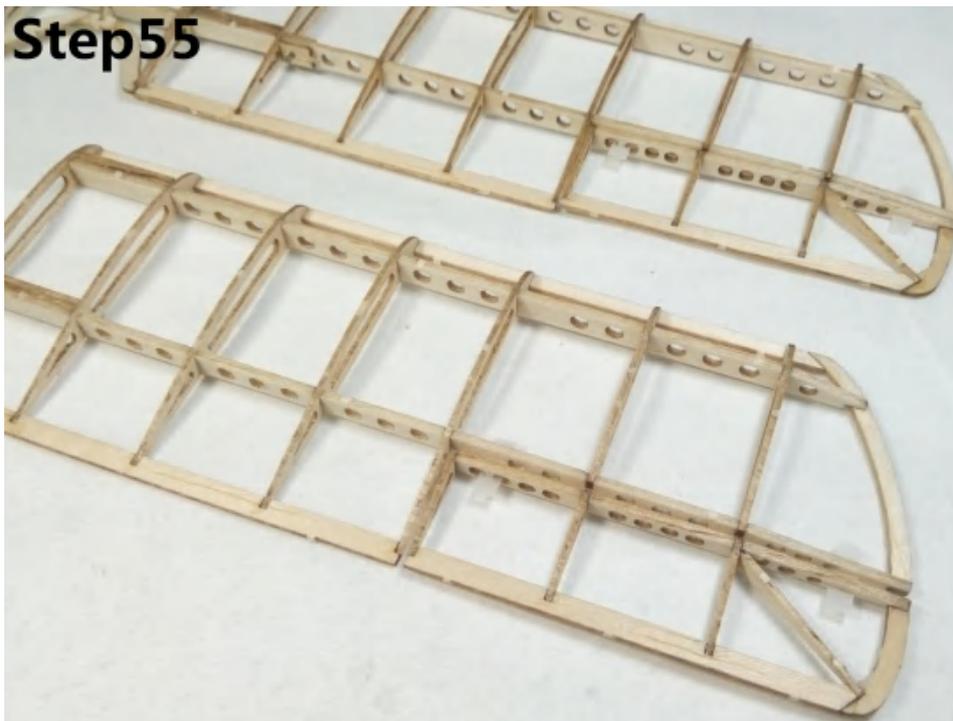


Step54



Finish the rest of the ailerons

Step55



Bond the ailerons and wings use micro hinge

Step56



Step57



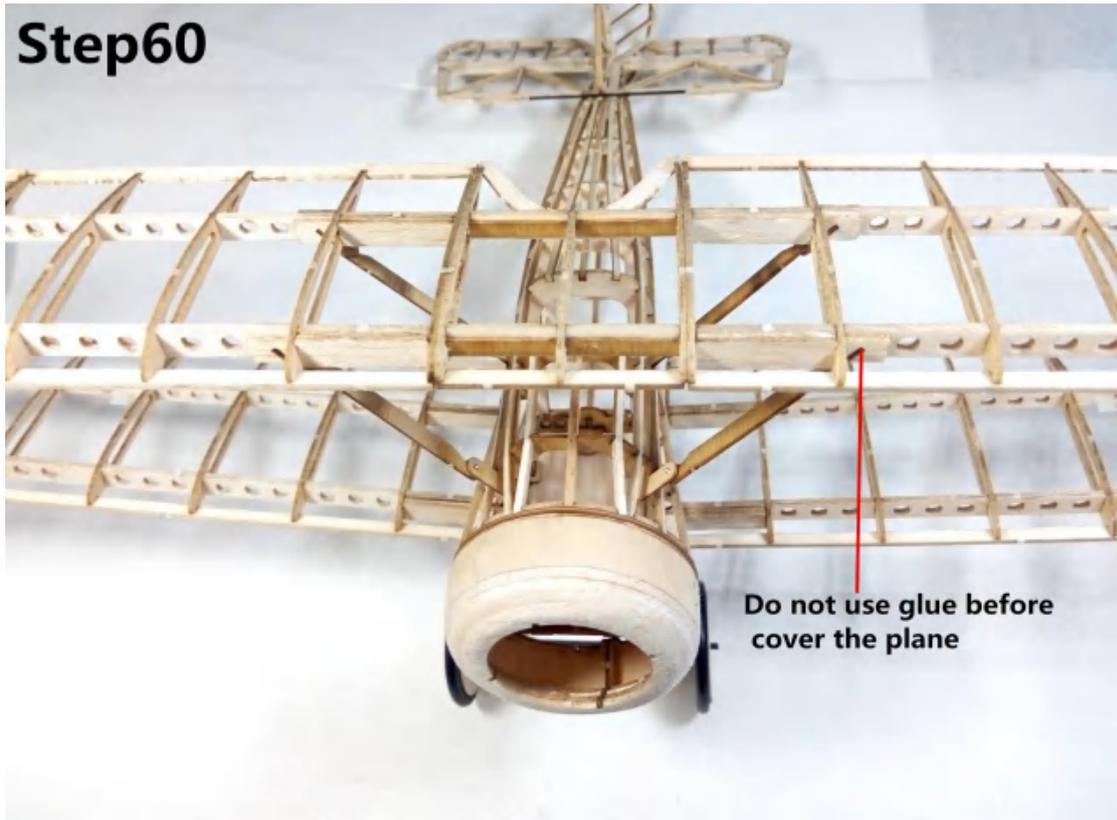
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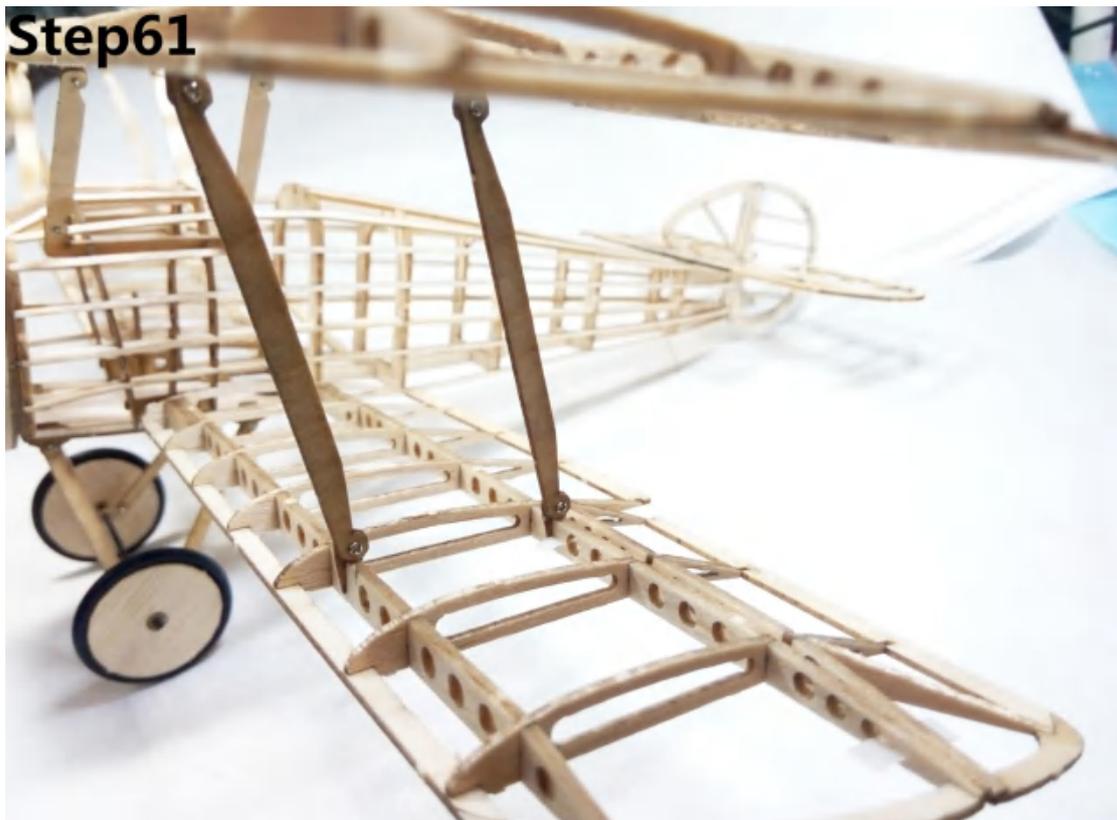
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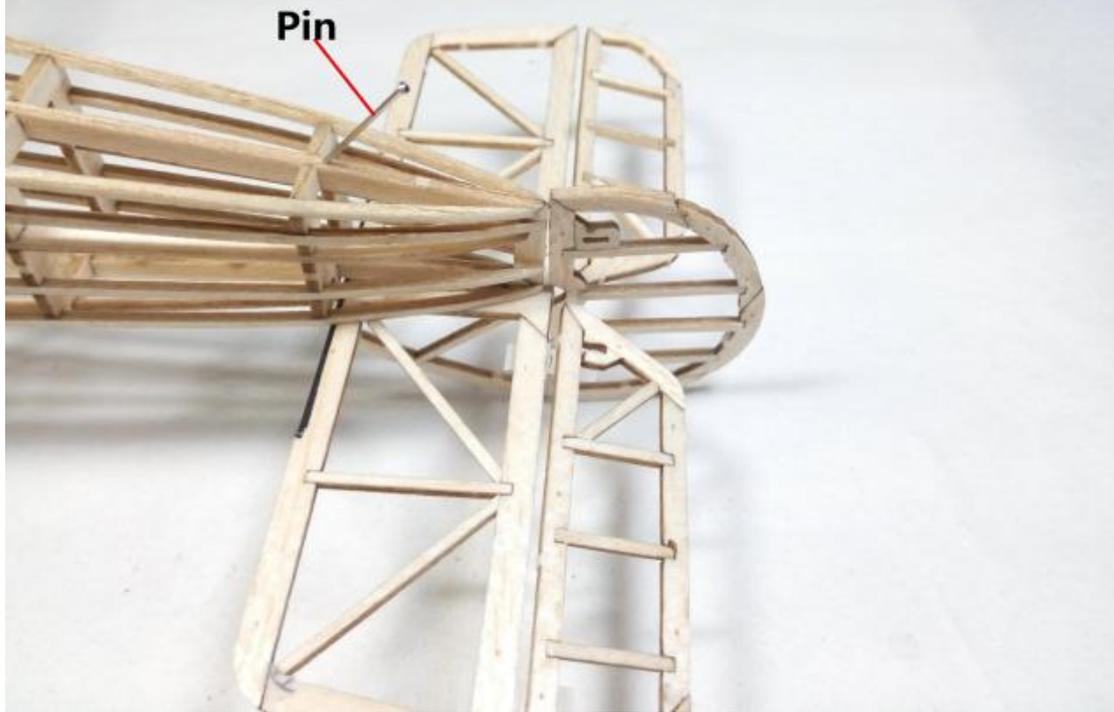
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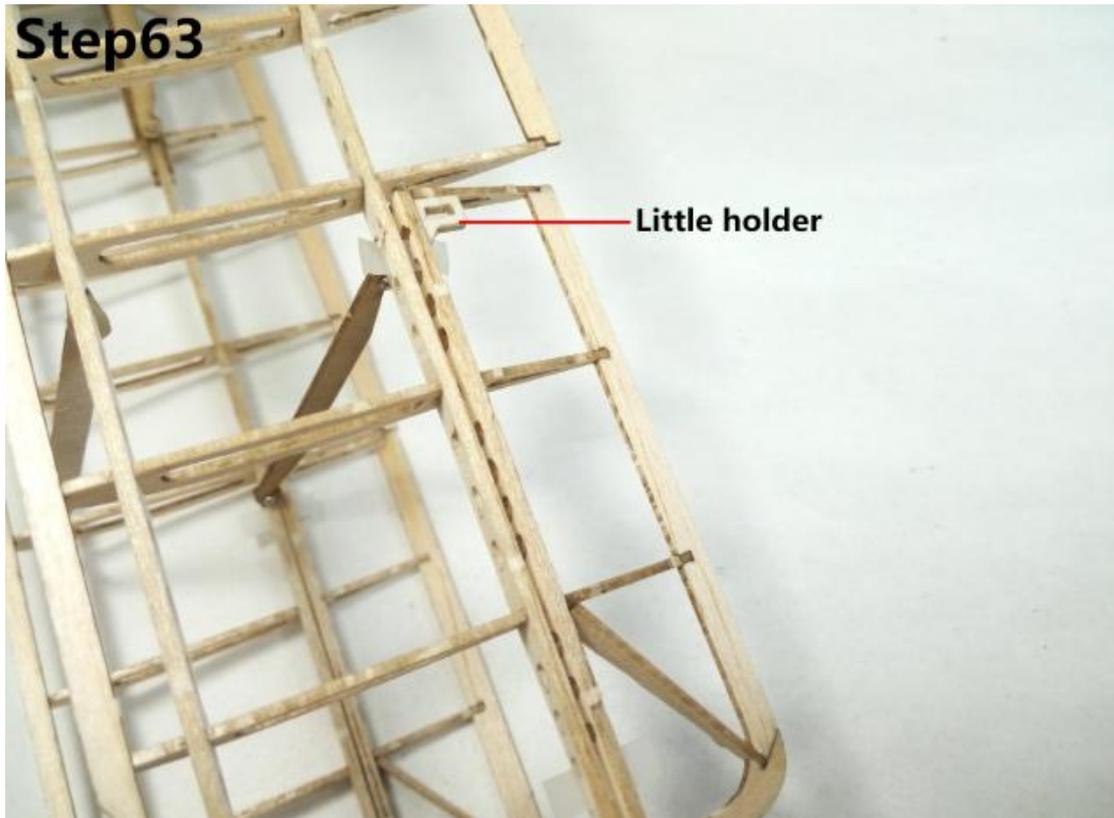
Step61



Step62

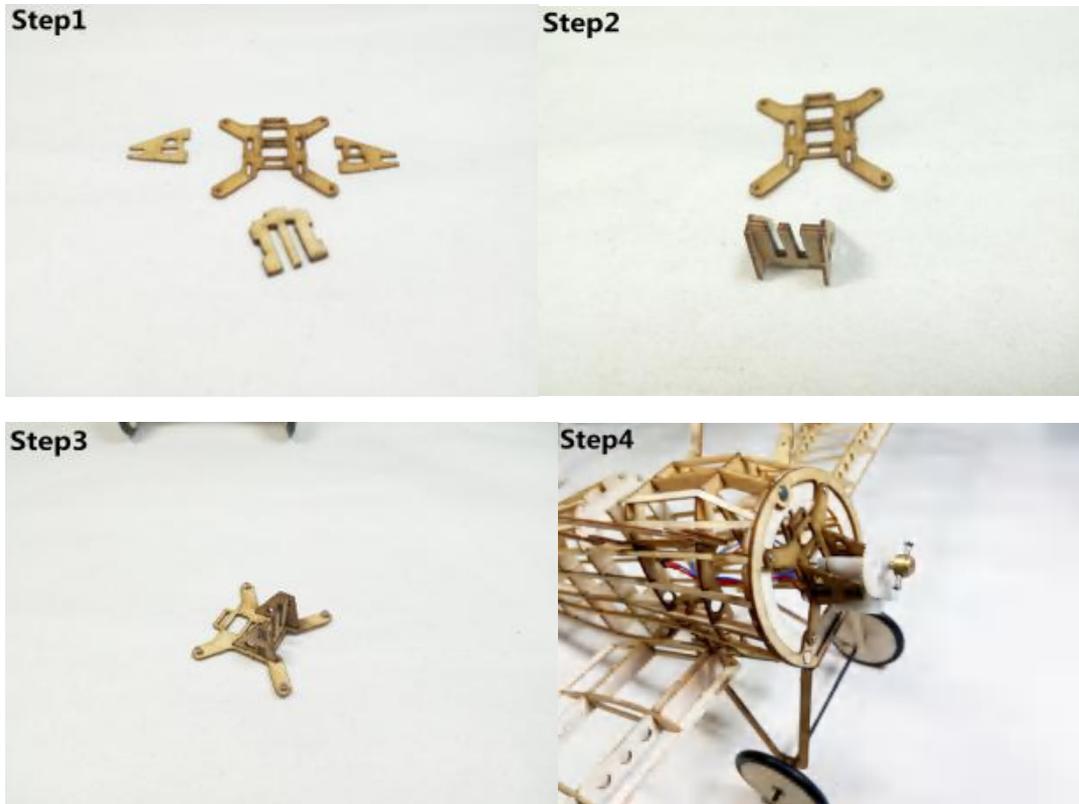


Step63



Part3 Motor holder

Version of 8.5mm coreless motor



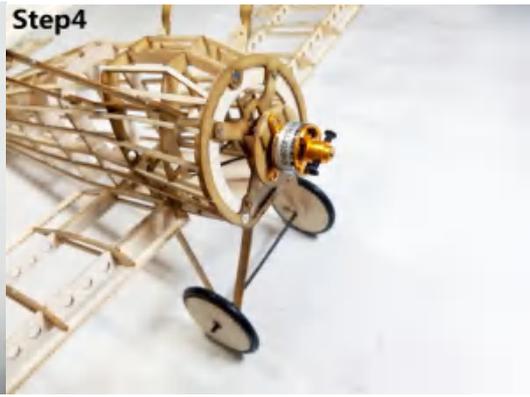
Version of 1104 brushless motor



Step3

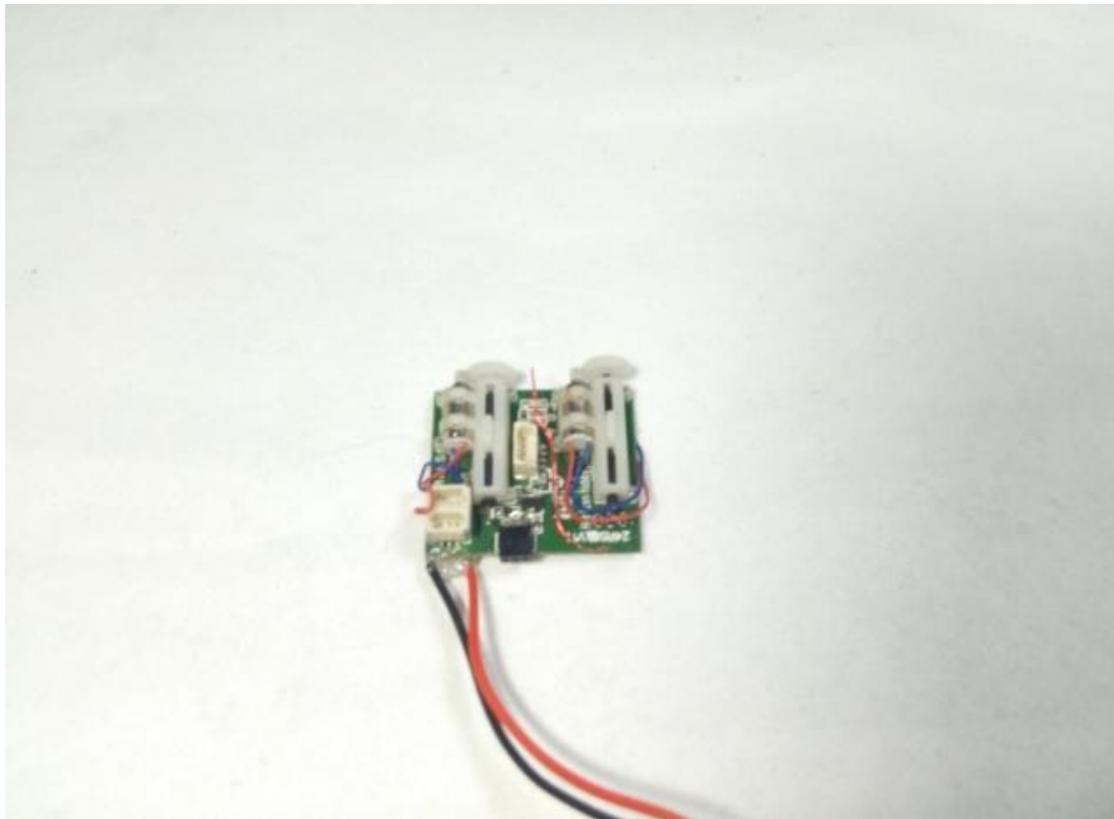


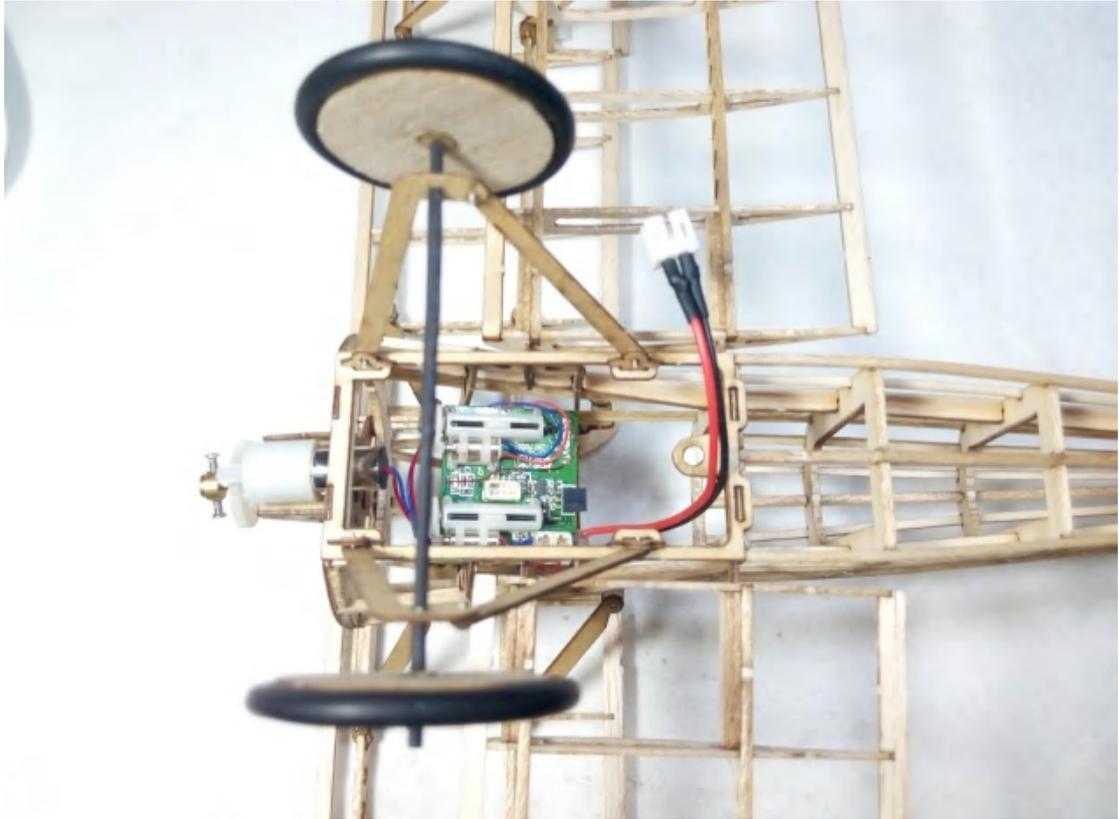
Step4



Part4 Electronics

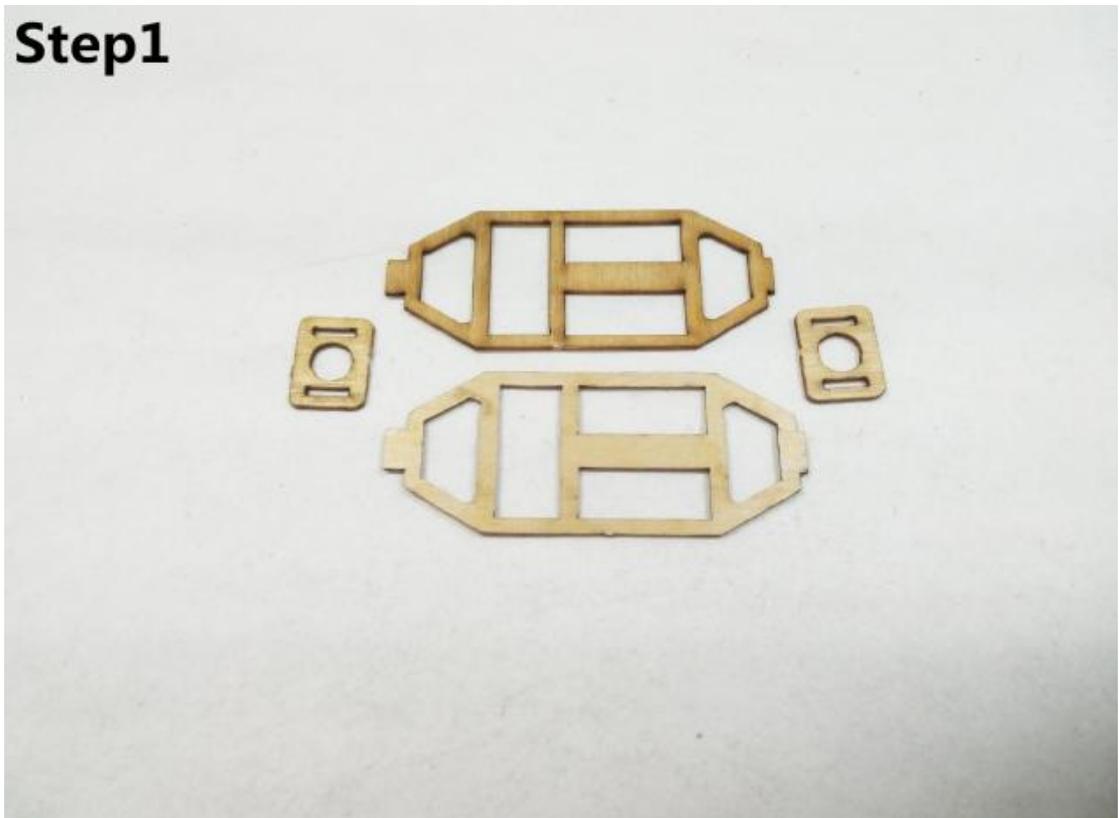
If you use SPMAR6400 micro receiver



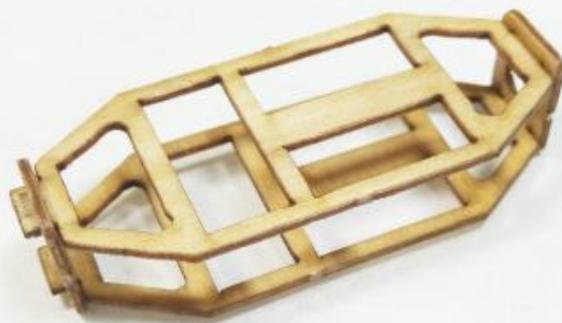


If you use others micro DSM2 receiver

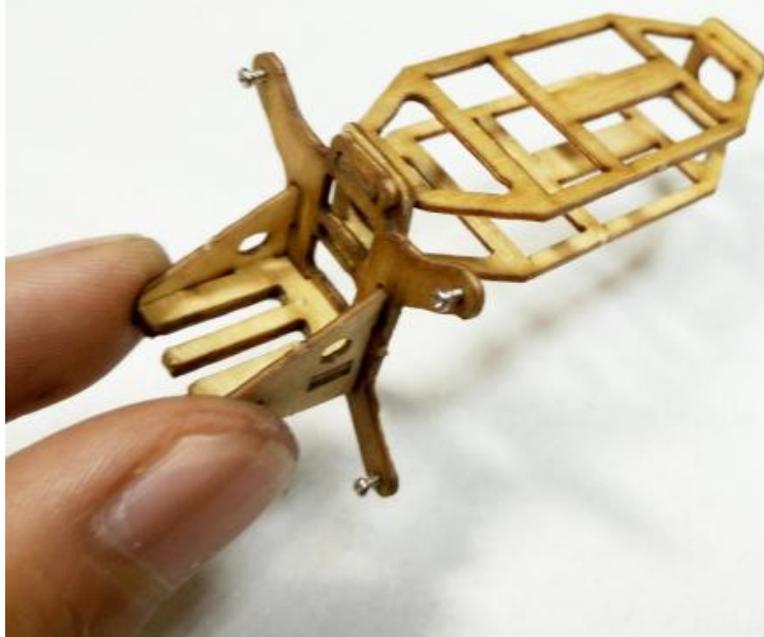
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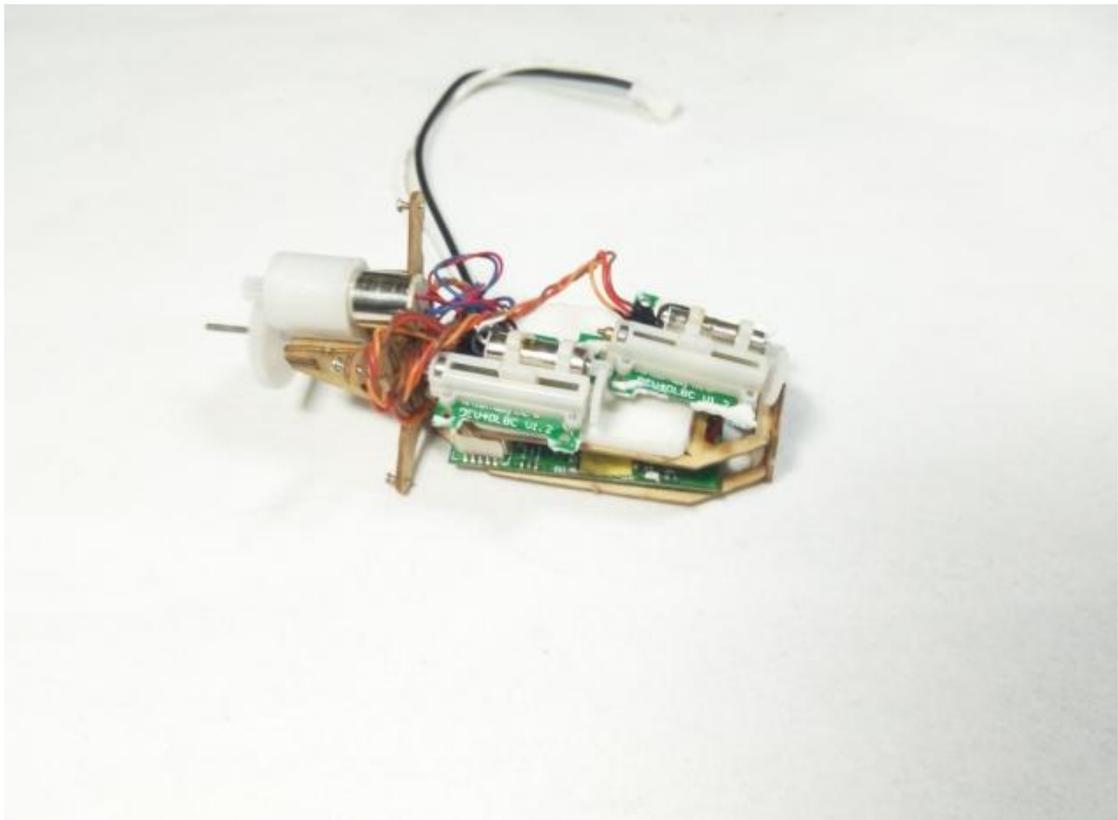
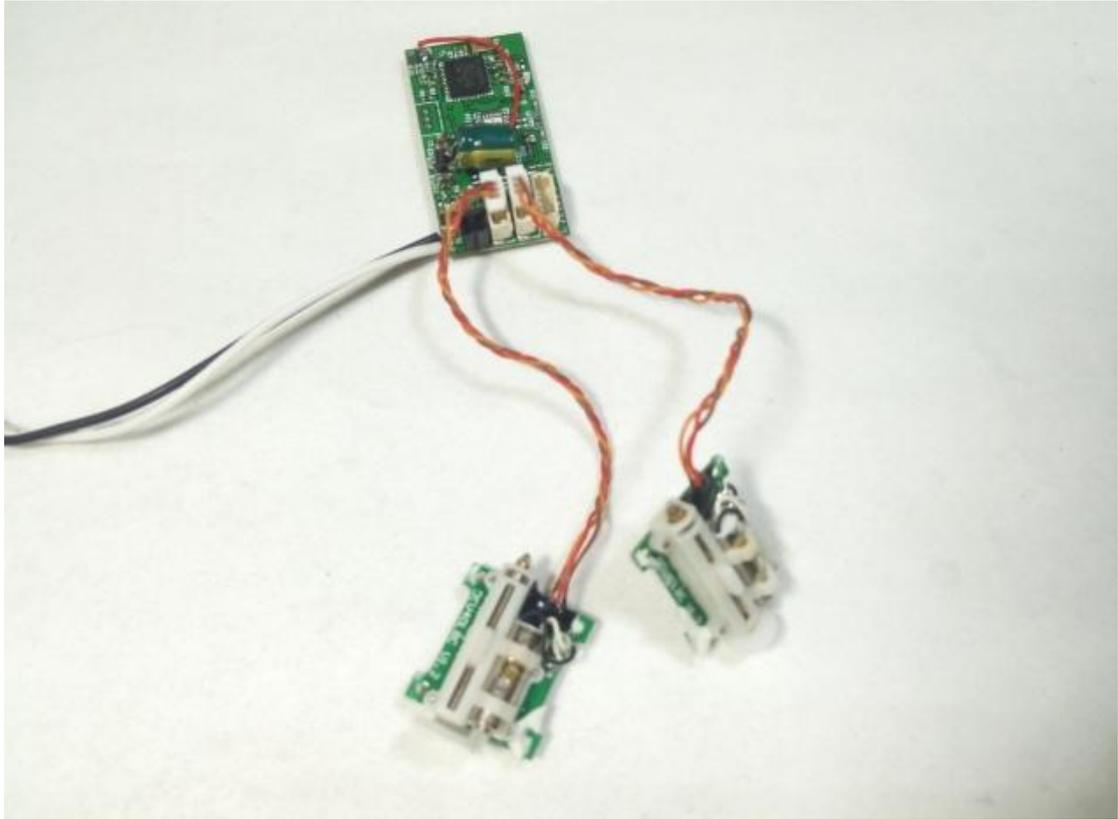


Step2

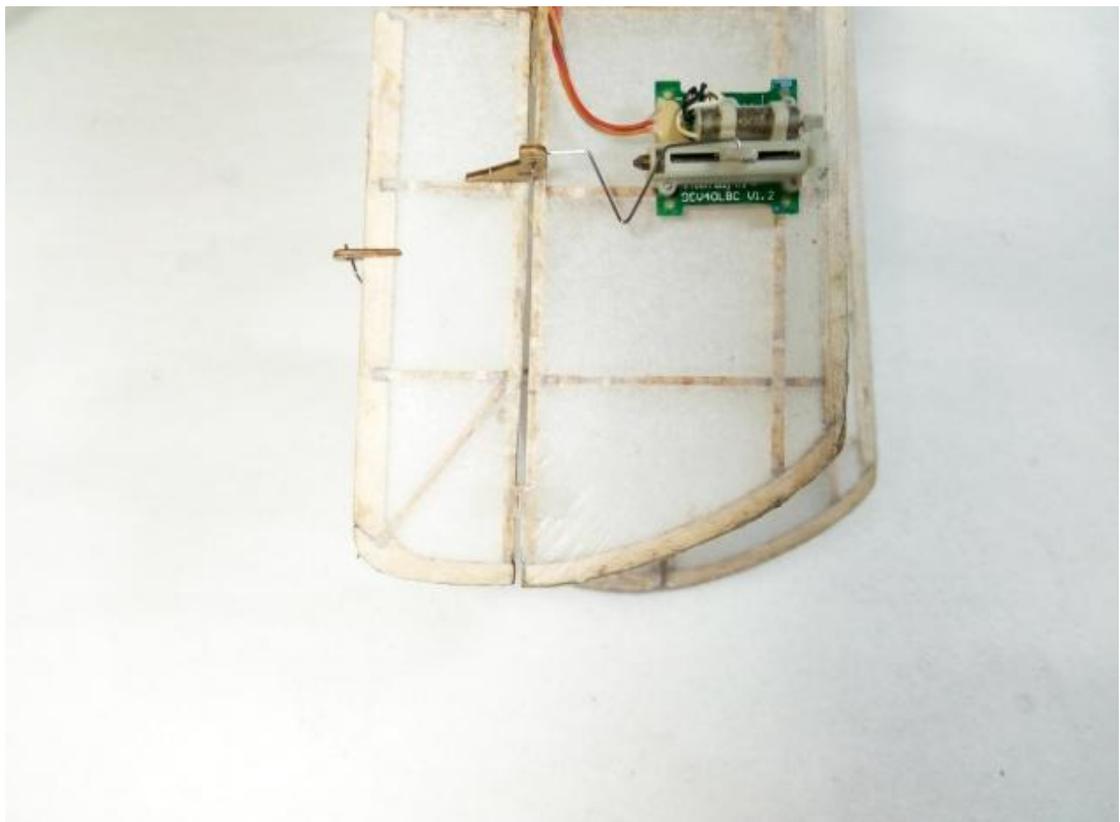
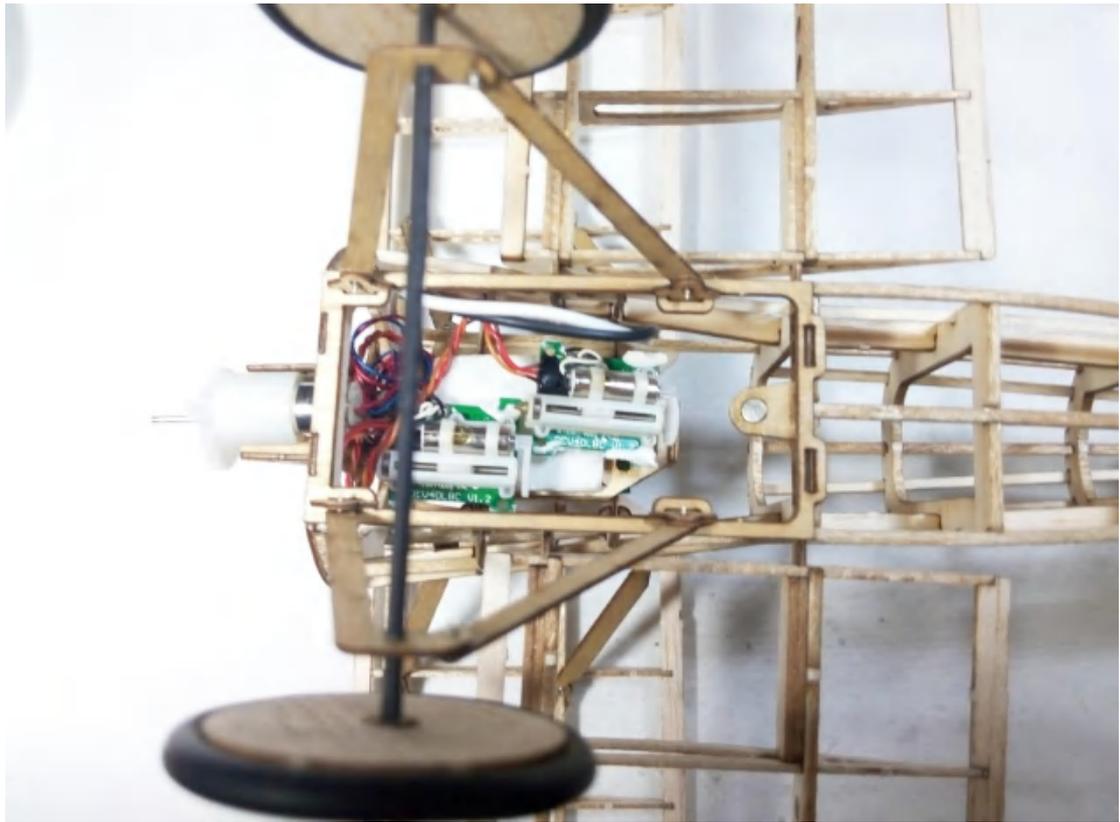


Step3





You can also put the 1.7g Micro Rockerarm servo in the quick release module!





Now, you have finished the plane's framework, before fly it, you need to cover it use tissue. If you don't know how to cover your plane, you can learn how to it in following website:

<http://www.ffscale.co.uk/comp8.htm>



Thank you for your purchase.



Tony Ray's AeroModel



Micro scale series of TonyRay Aero Model Co.,Ltd

If you have any trouble or feedback, Please contact us

mailbox : 2721100643@qq.com