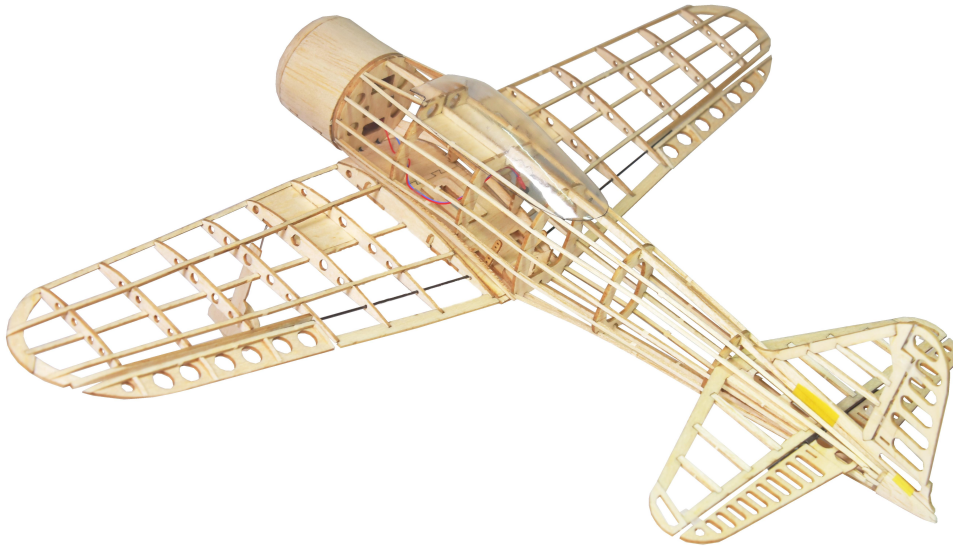


# Mini Zero fighter Build Instructions

## Little Ray' s Peanut scale

- Mini Zero Fighter A6M5 / Wing Span: 420mm /Average Flying Weight: 45g / Receiver: DSM2 Micro Receiver / Motor: 8.5mm Coreless motor / Servo: 1.7g micro servo / Prop: GWS 4530



### Mini Zero - Kit Inventory

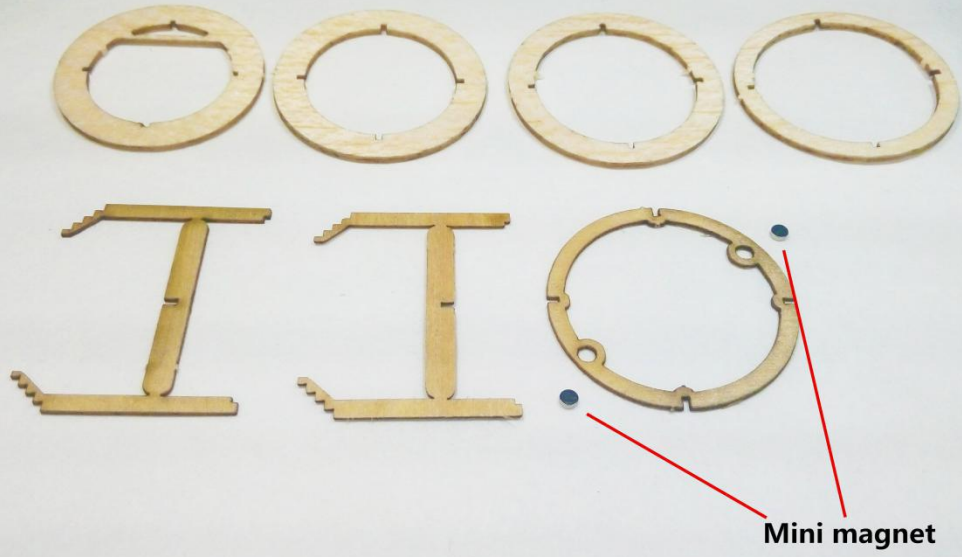
- Wood Part: Balsa wood Sheets \*4 , Basswood Sheets \*1
- Hardware Part: Canopies \*1 , Carbon rod \* 2 , Landing gear wire \* 1 , Heat shrink tube \* 1 , Mini magnet \* 6 , Micro Hinge \* 1
- Paper Part: Installation drawings \*2, Covering tissue \* 1

### Required Electronics

- RC Transmitter with at least 4 channels
  - Receiver/ESC(if you use Brushless motor)/1.7g Micro Rockerarm servo(For aileron)
  - Motor,1104 Brushless motor & 8.5MM coreless motor with gearbox
  - Propeller,GWS4530 /LiPo battery
- \*SPMAR6400 Micro Receiver is highly recommended

# Part1 fuselage

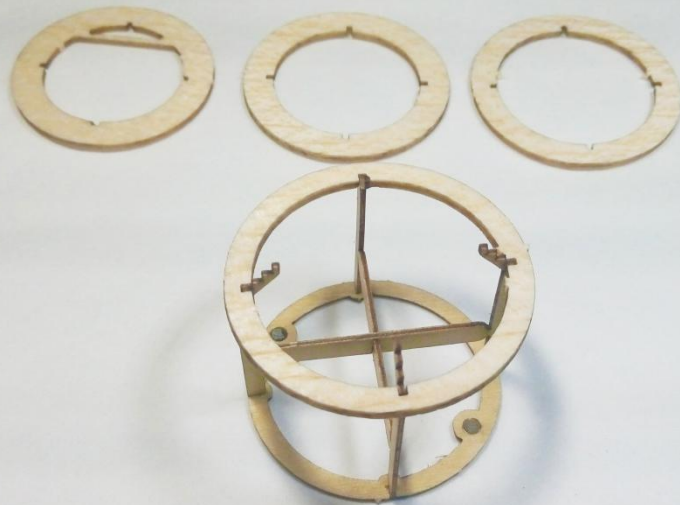
## Step1



## Step2



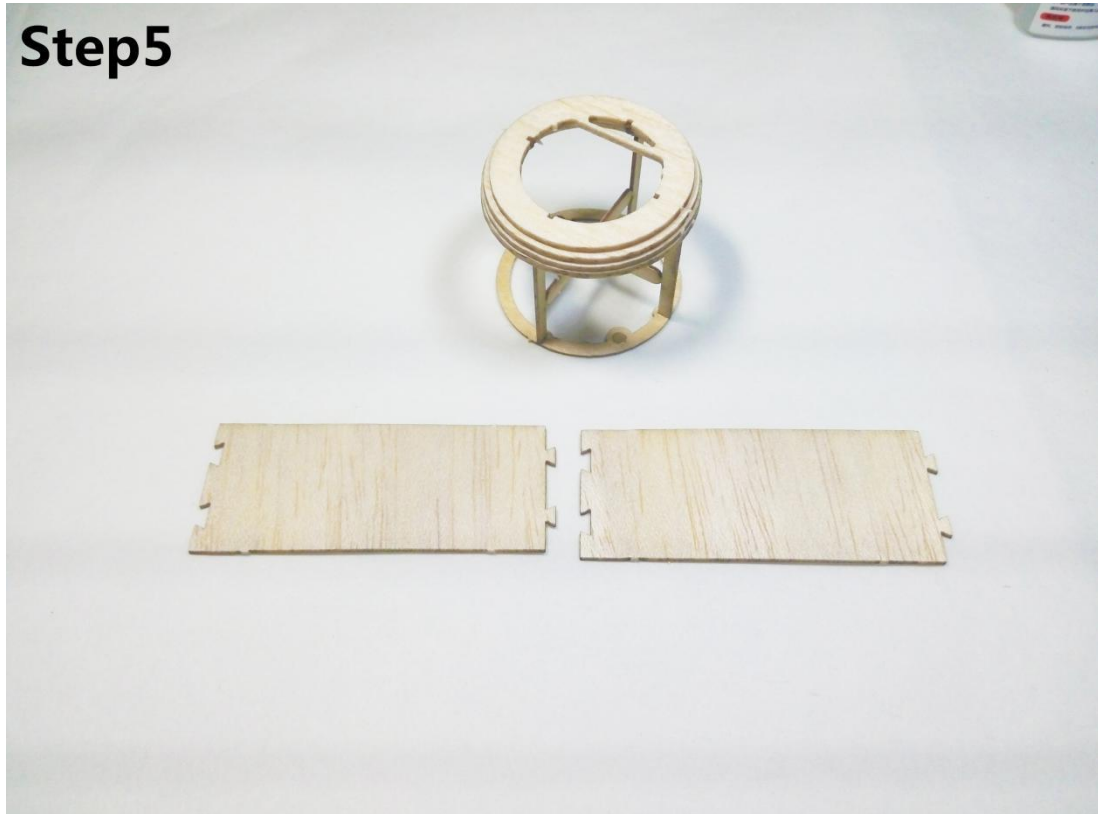
### Step3



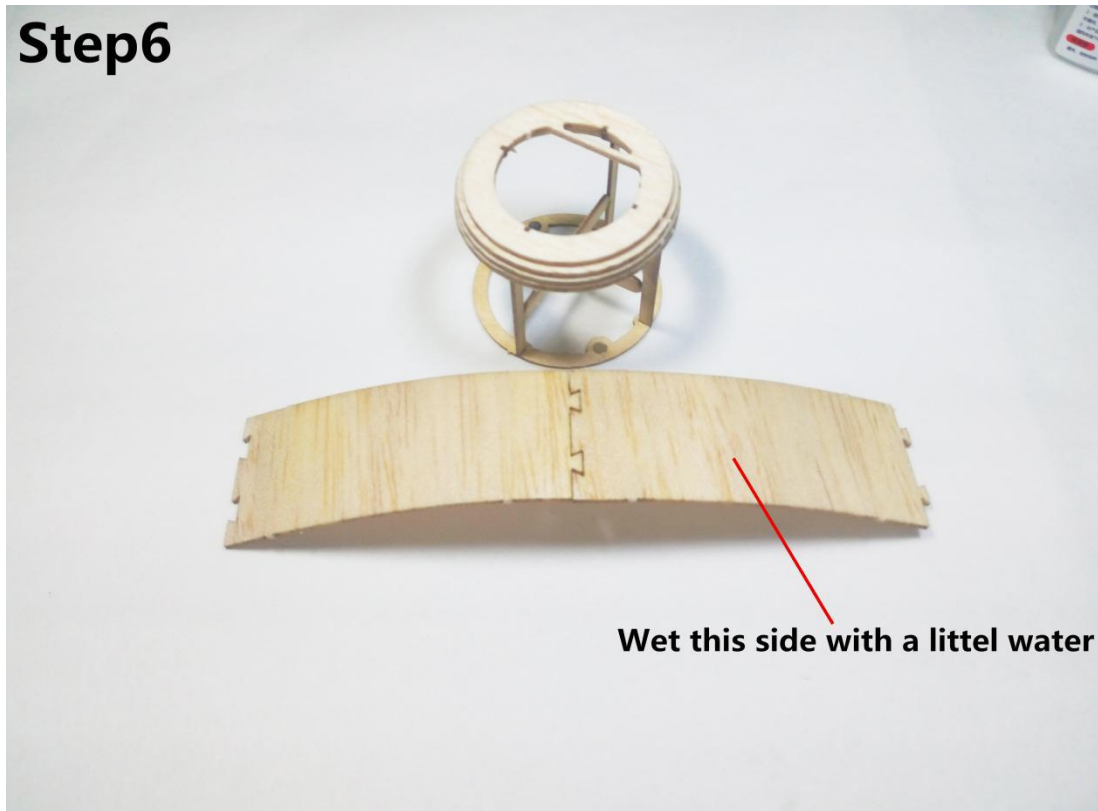
### Step4



## Step5



## Step6

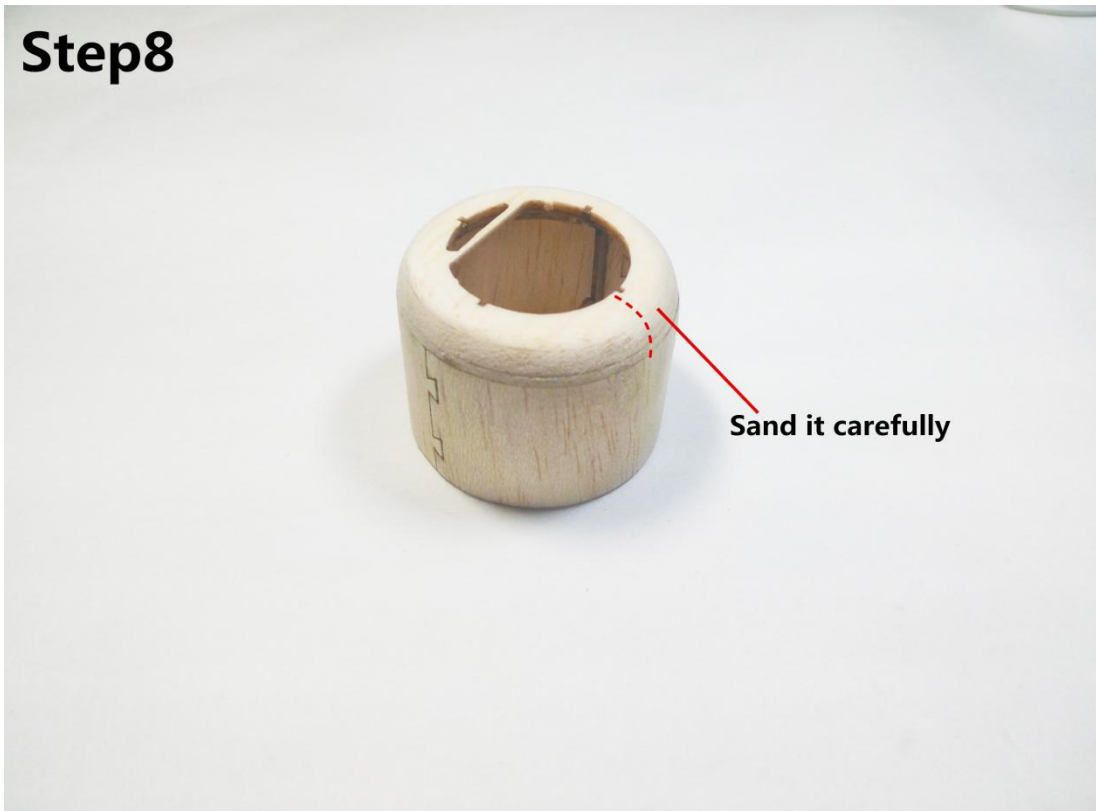


Wet this side with a littel water

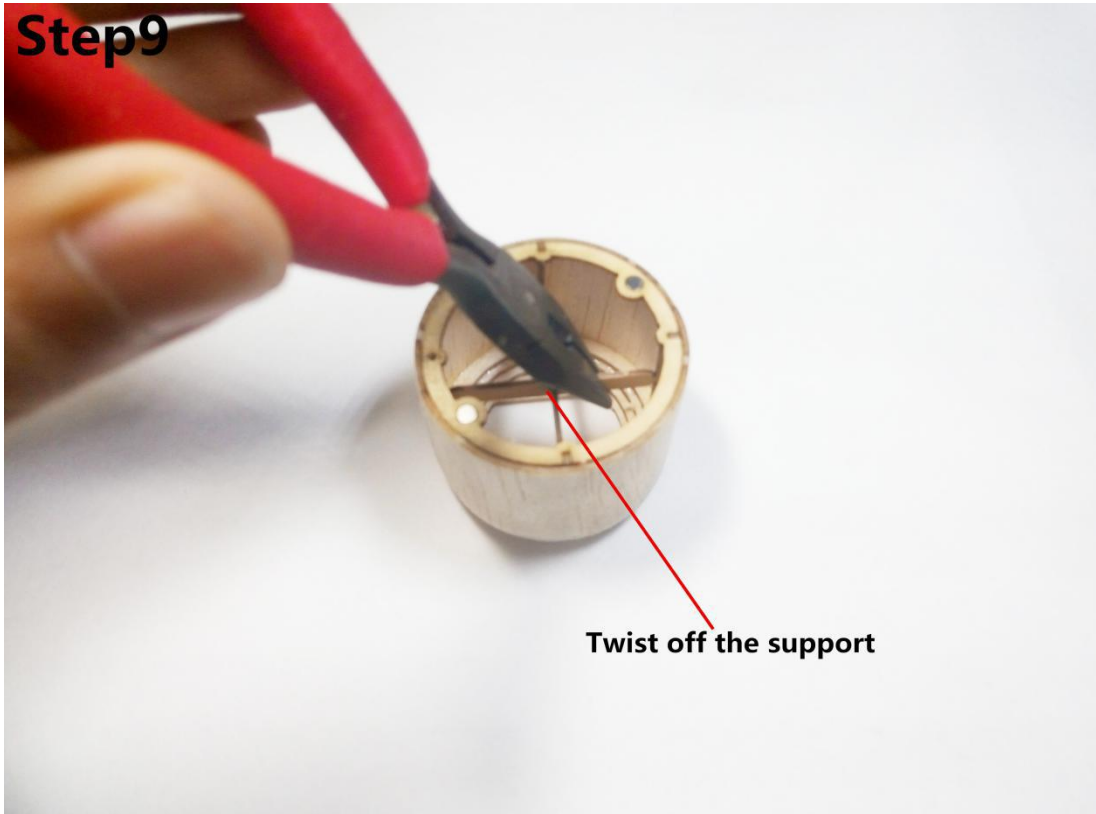
## Step7



## Step8



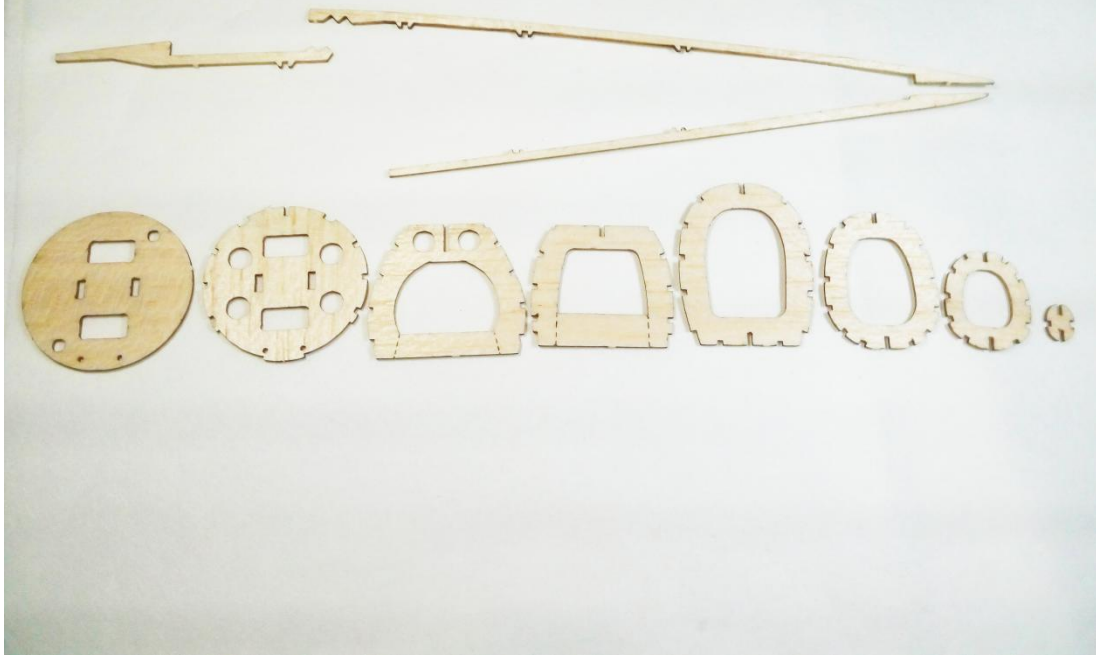
## Step9



## Step10



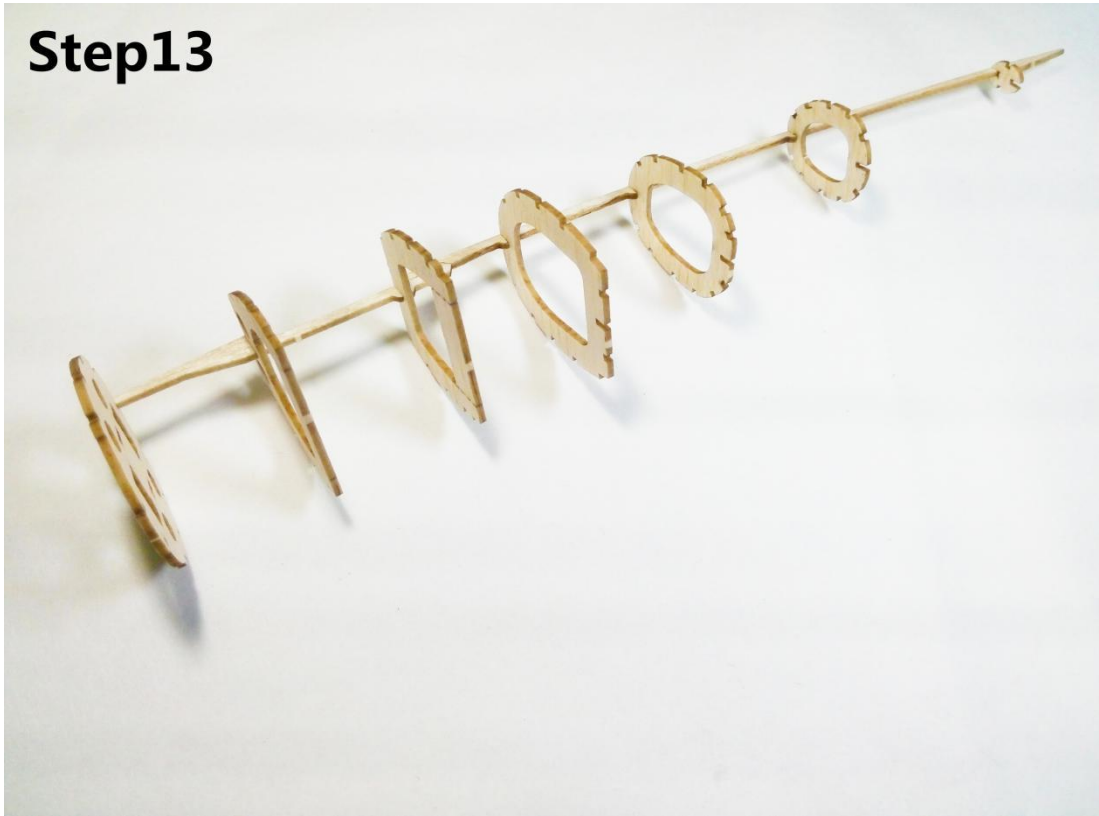
## Step11



## Step12



**Step13**



**Step14**



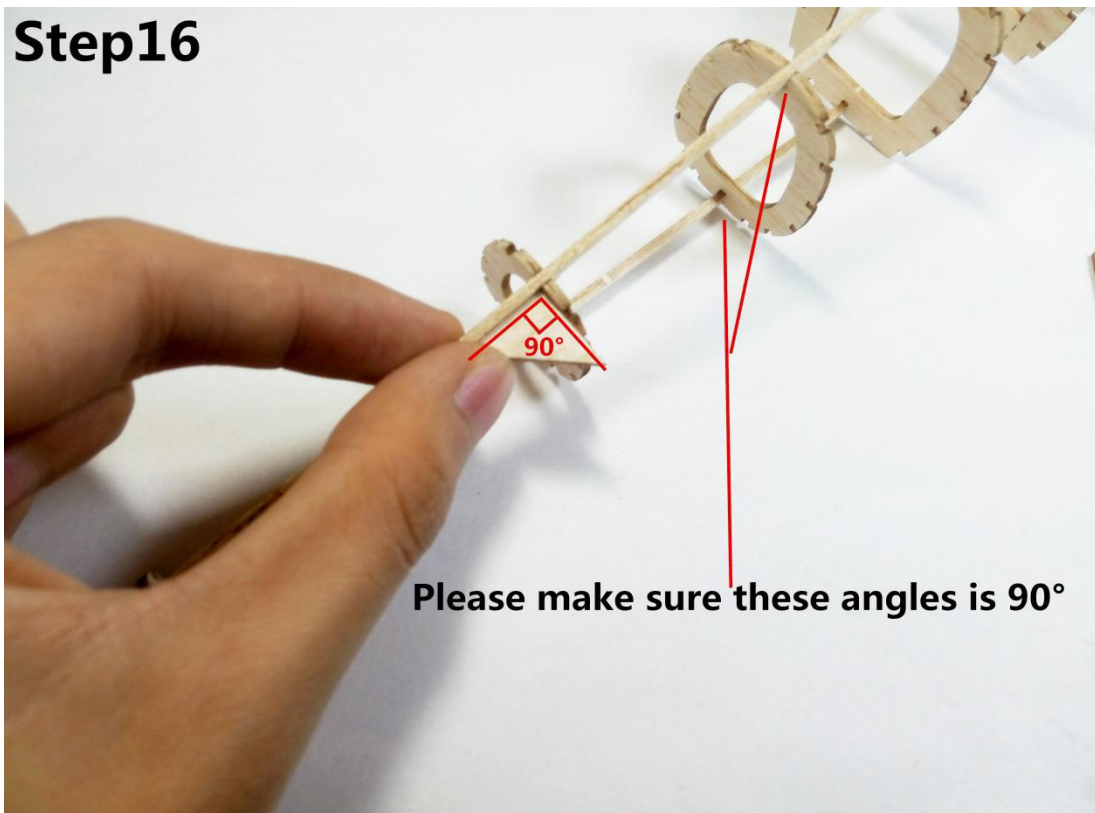


## Step15



**Attention:These parts just for examination!**

## Step16



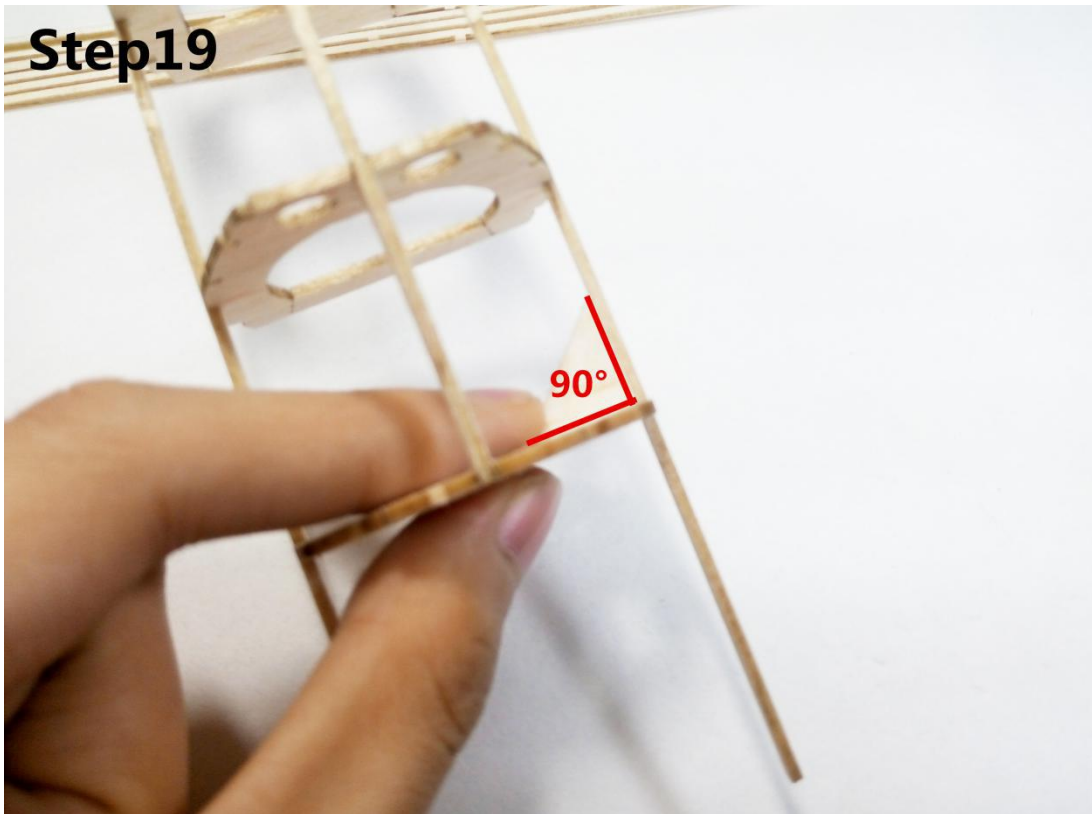
**Please make sure these angles is 90°**

## Step17

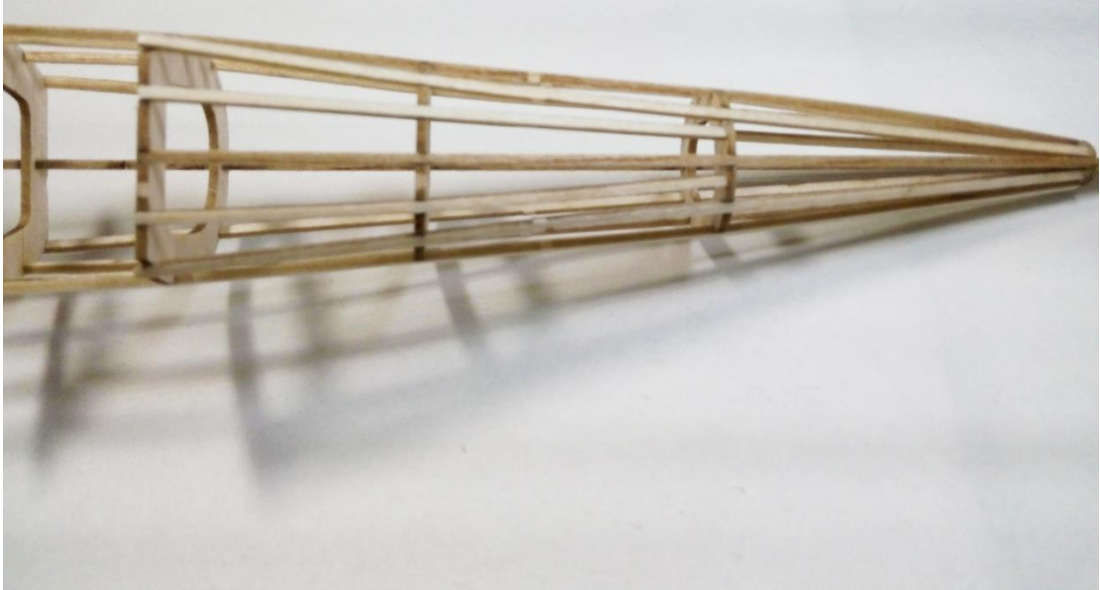


## Step18





## Step21



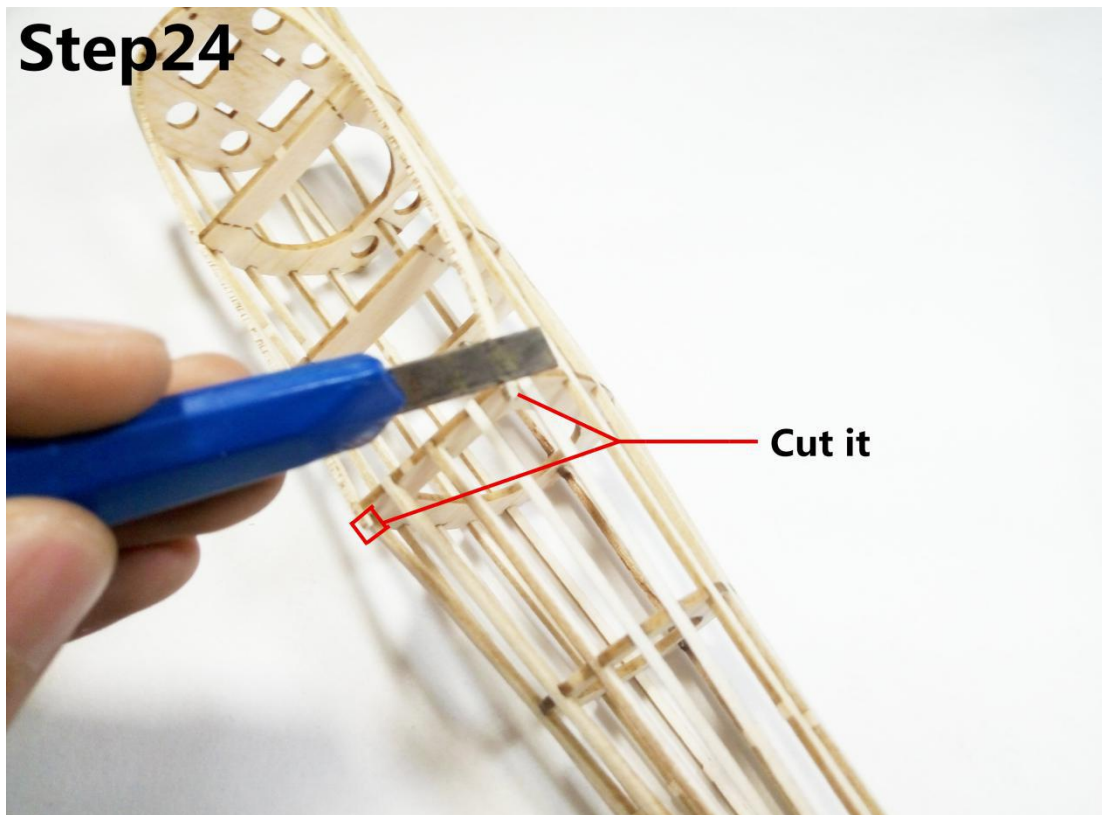
## Step22



## Step23



## Step24



## Step25



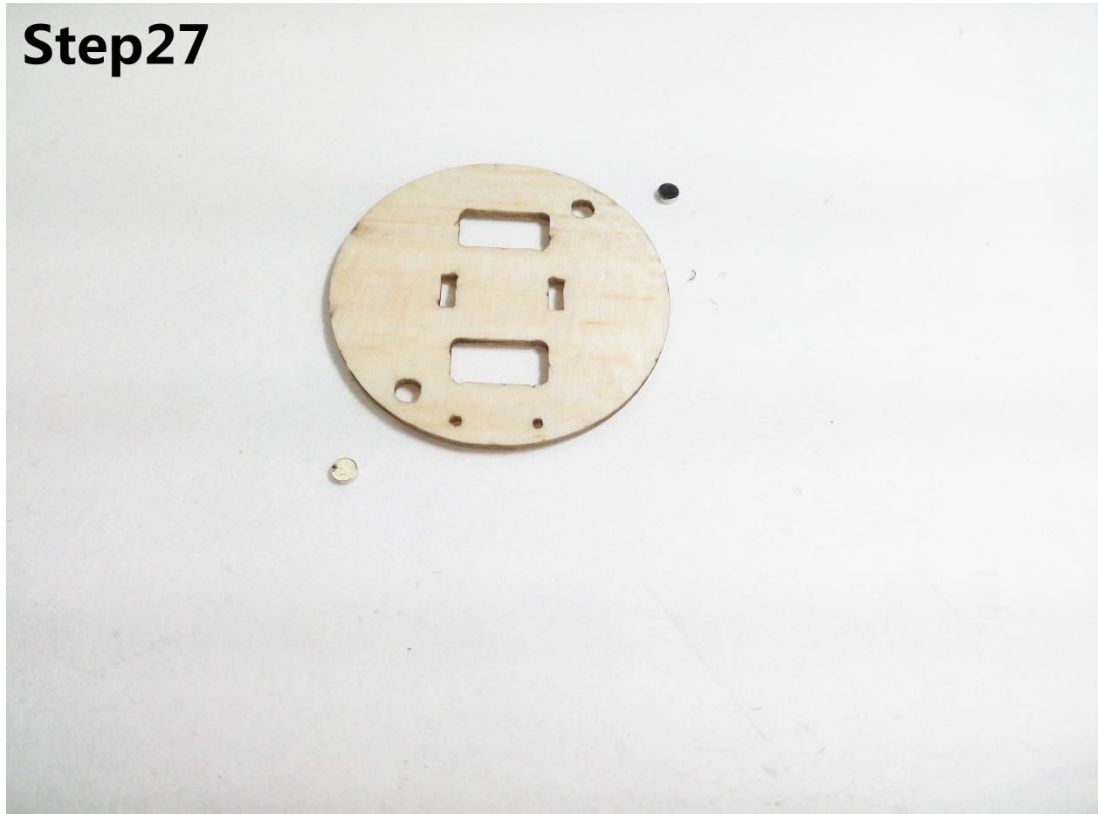
Fill it use some scrap

## Step26

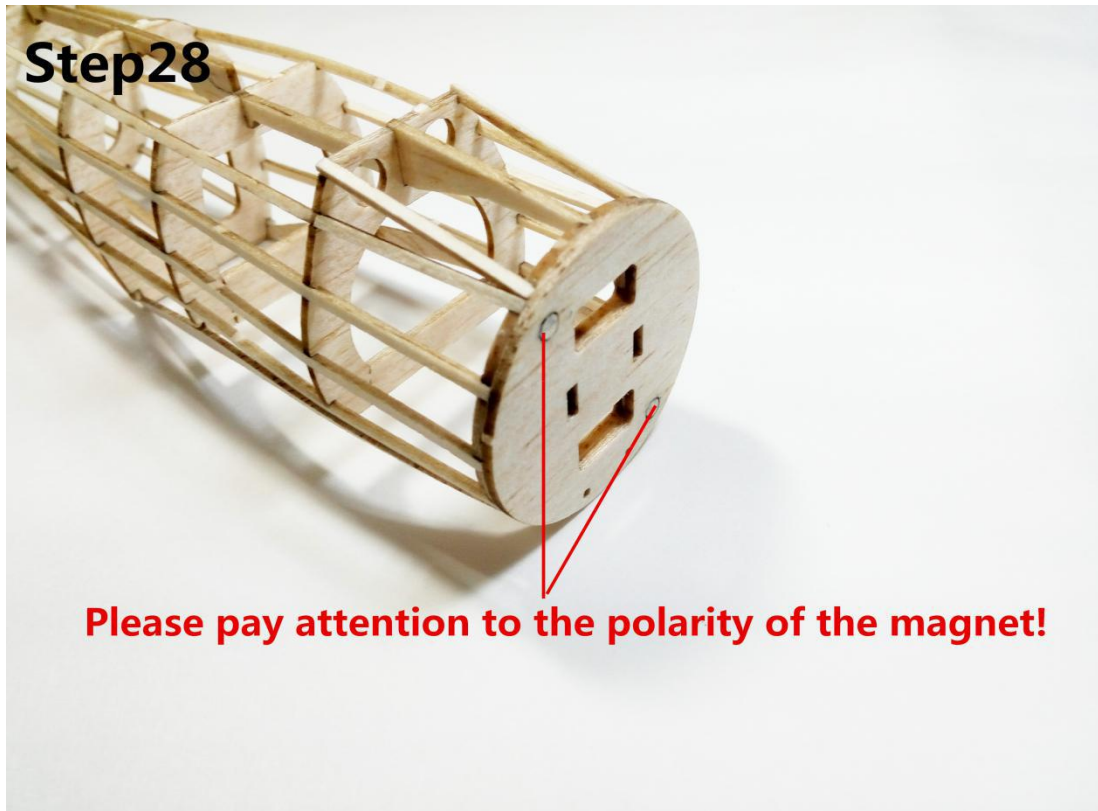


Cut it then sand it

## Step27

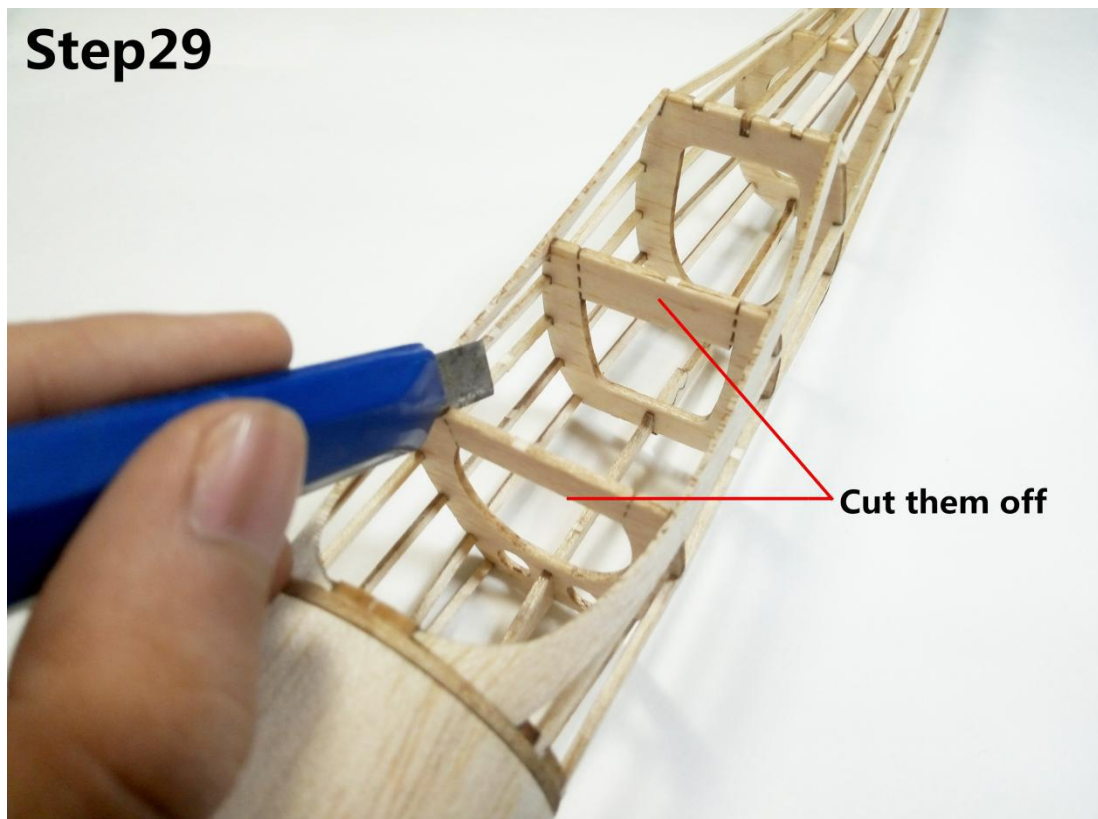


## Step28



**Please pay attention to the polarity of the magnet!**

## Step29



## Step30

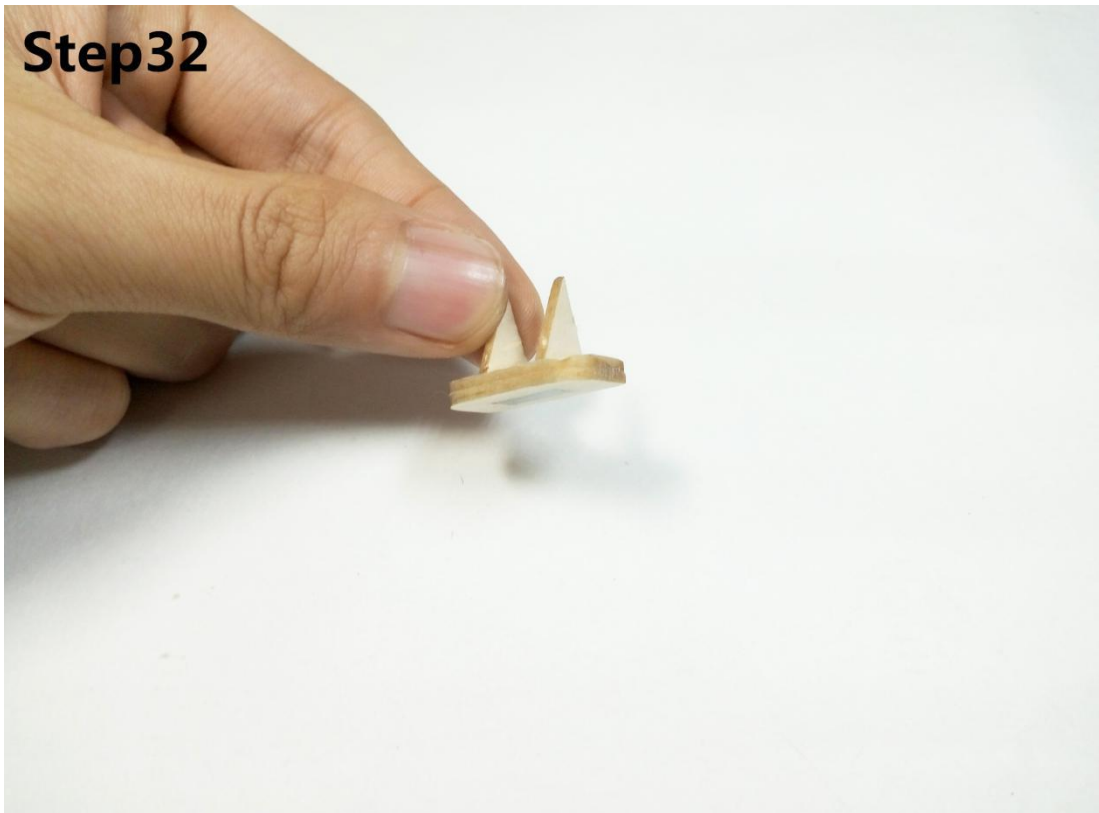




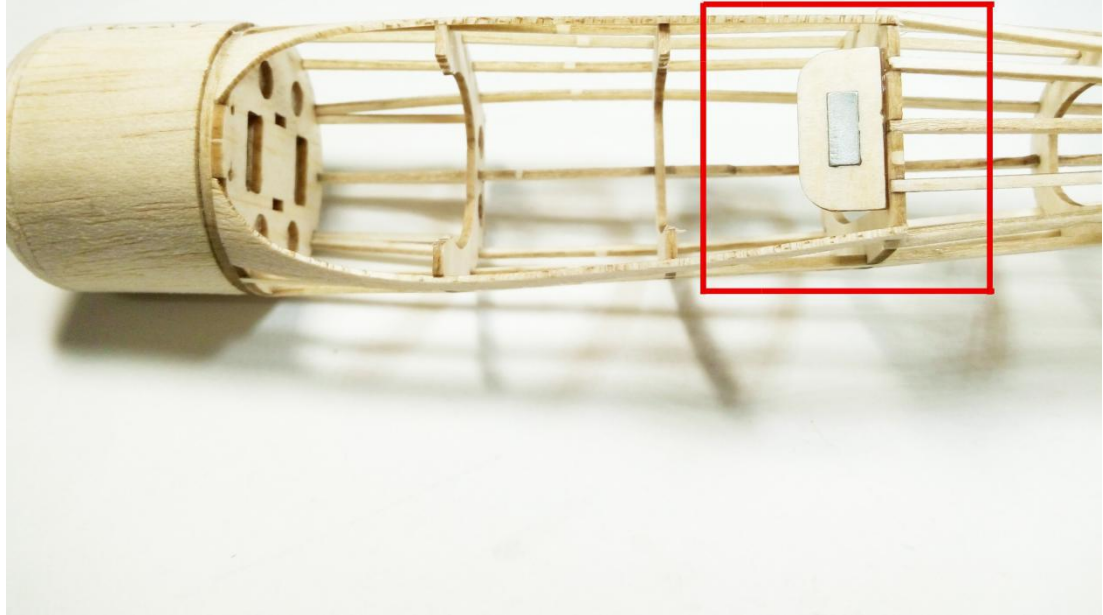
## Step31



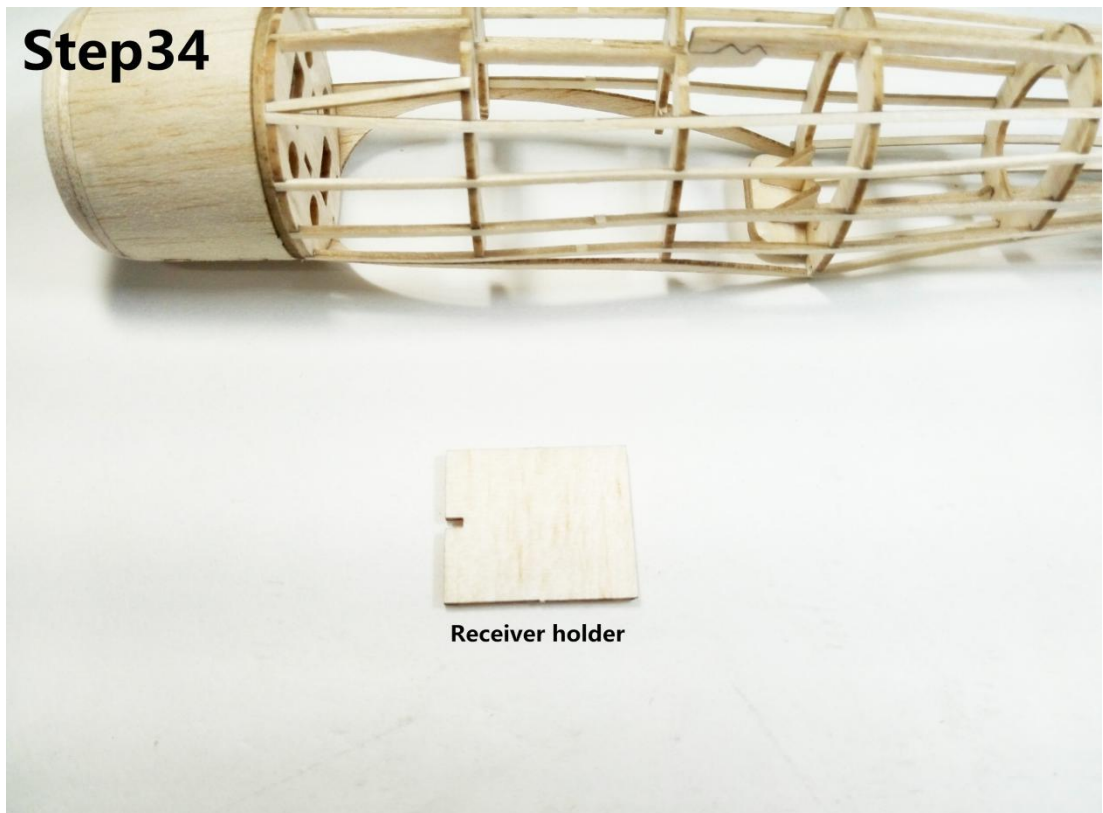
## Step32



## Step33



## Step34

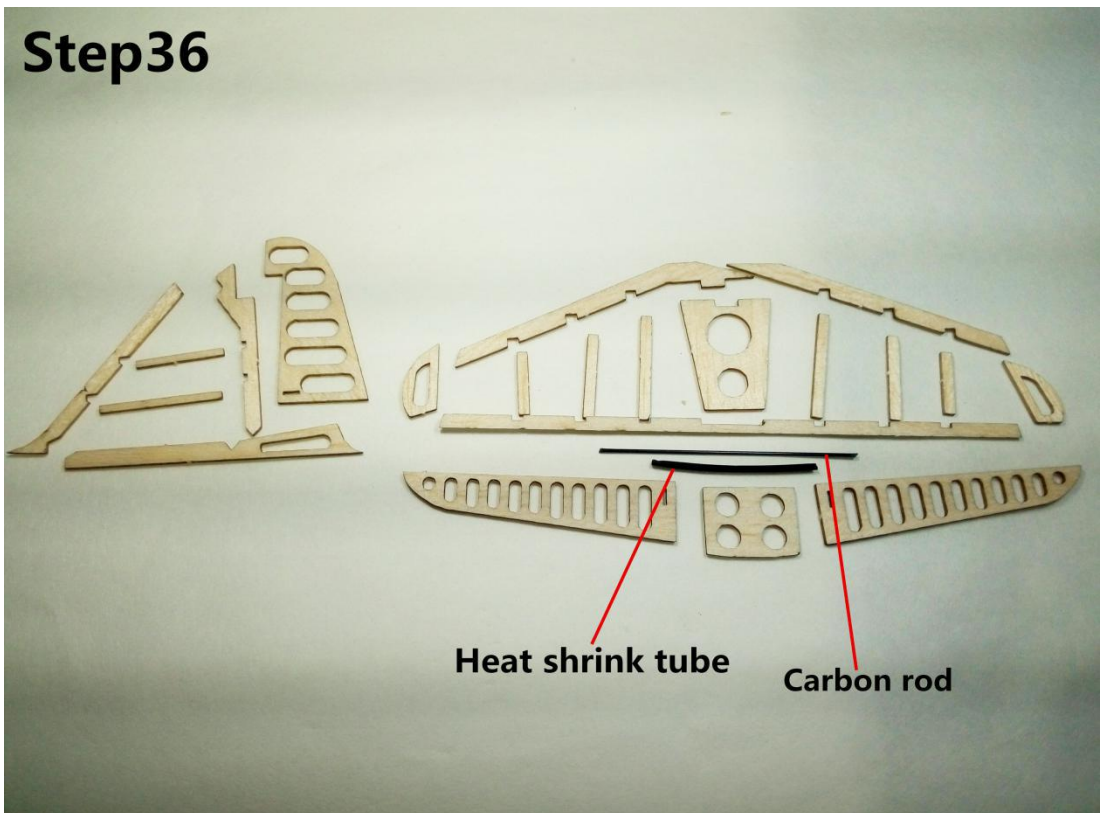


## Step35

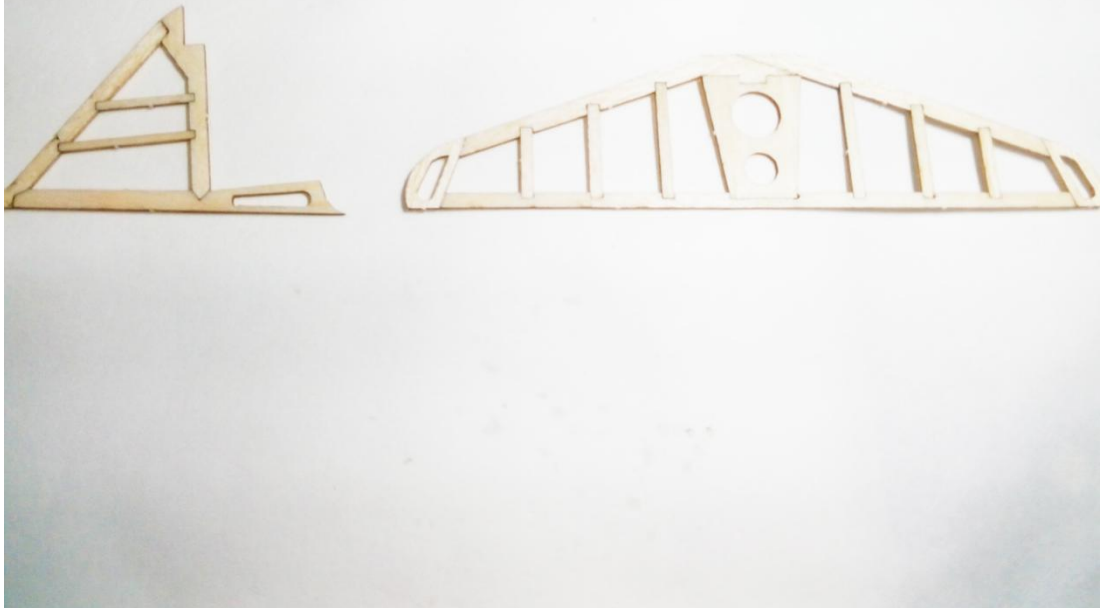


## Part2 The tail

## Step36



## Step37

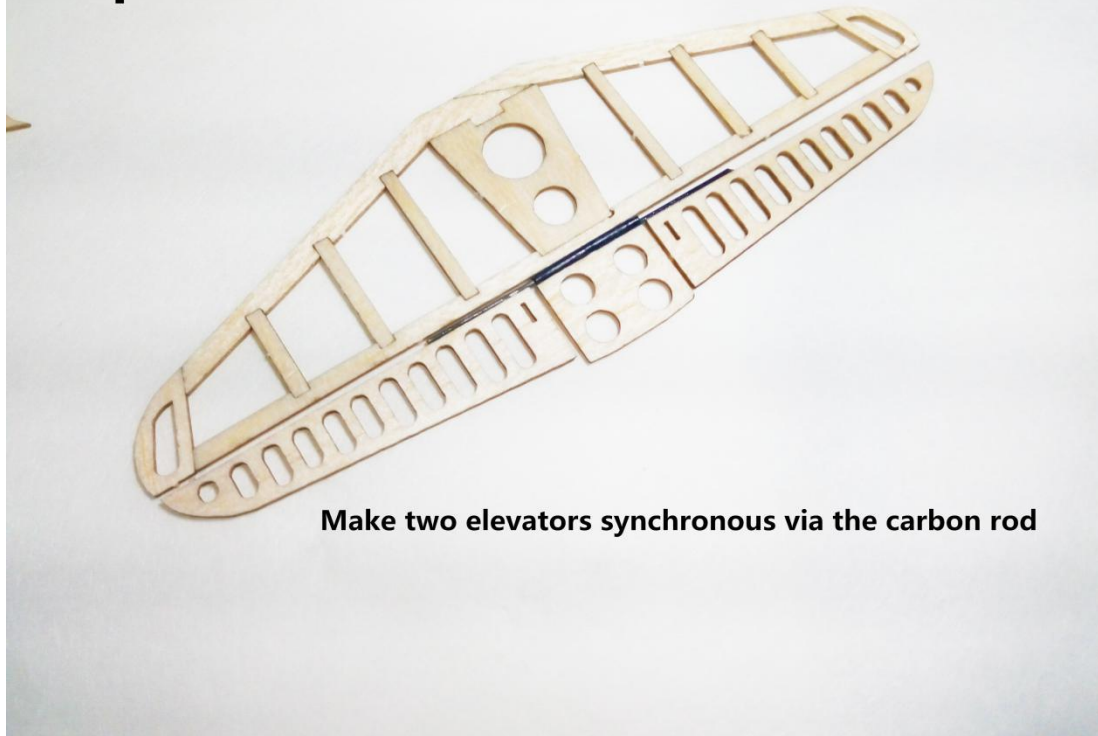


## Step38



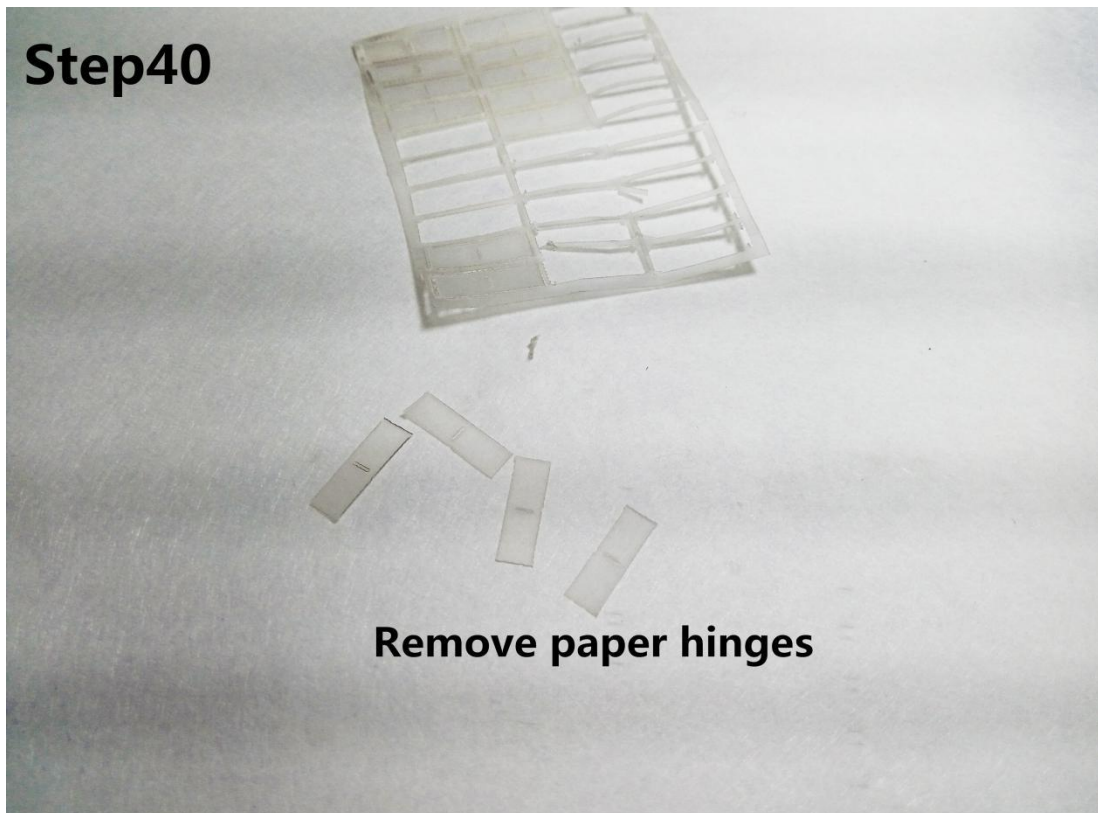
**Dont shrink it!**

## Step39



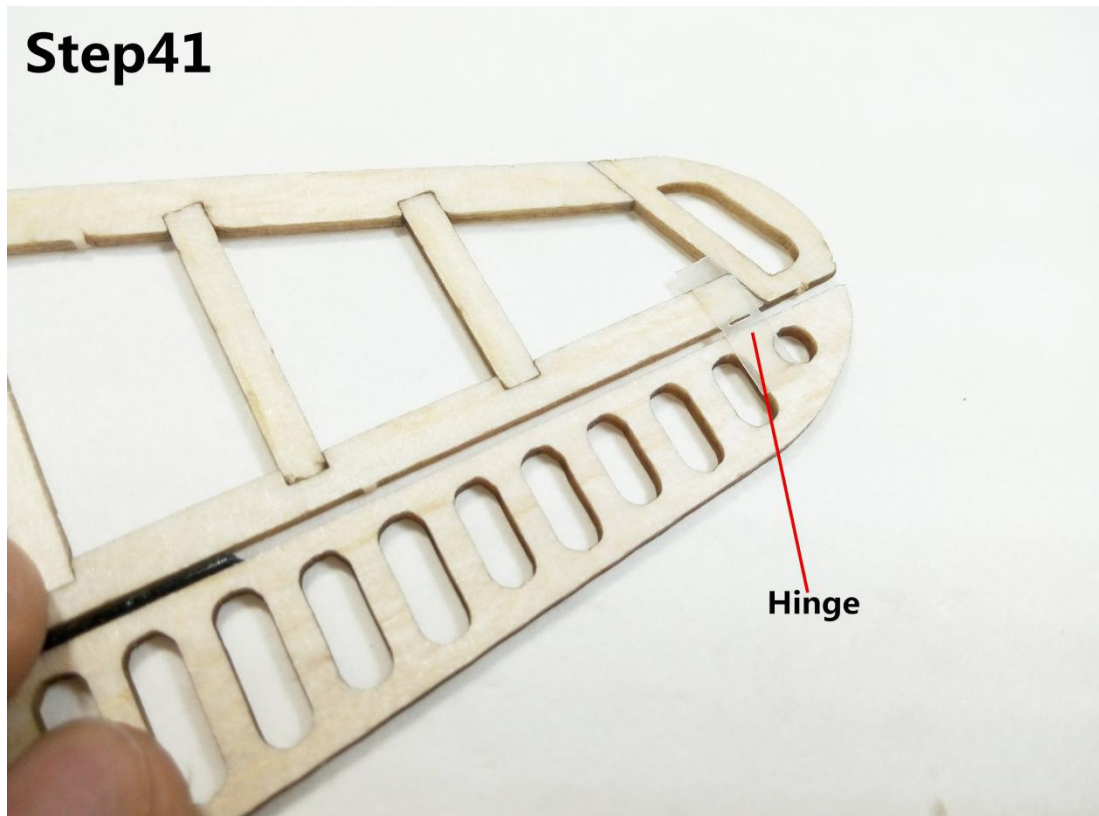
Make two elevators synchronous via the carbon rod

## Step40

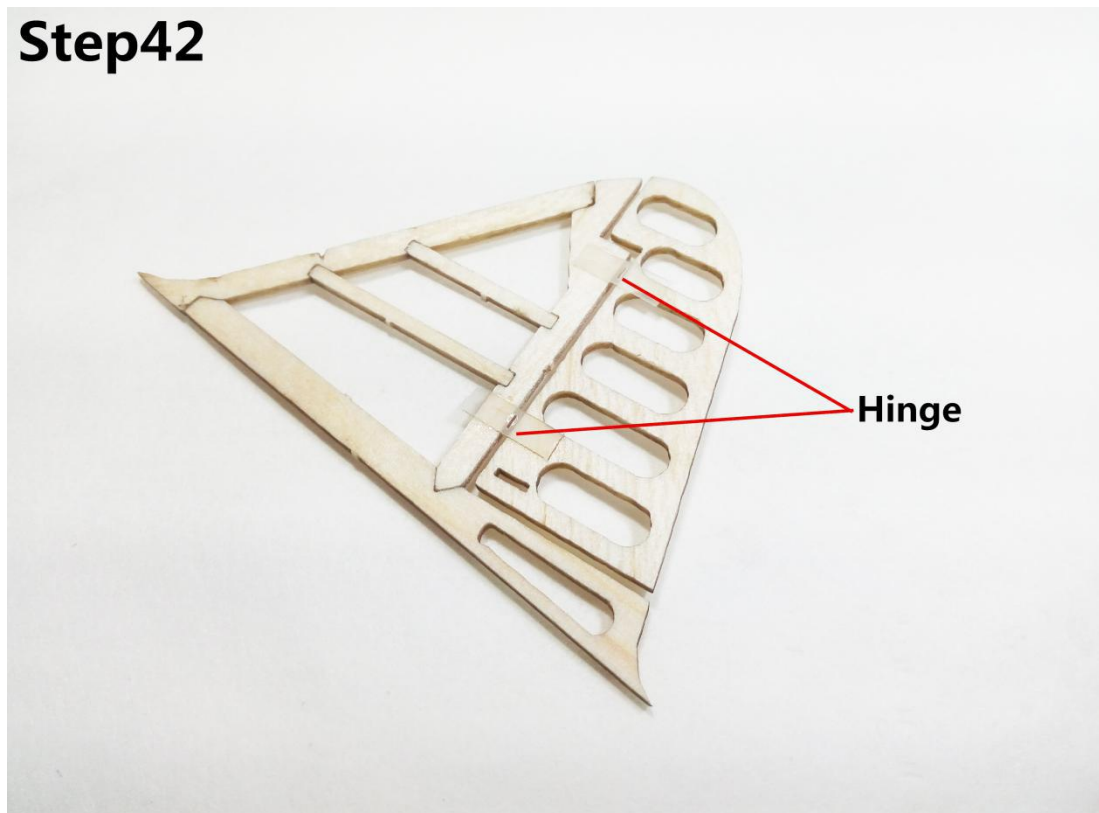


Remove paper hinges

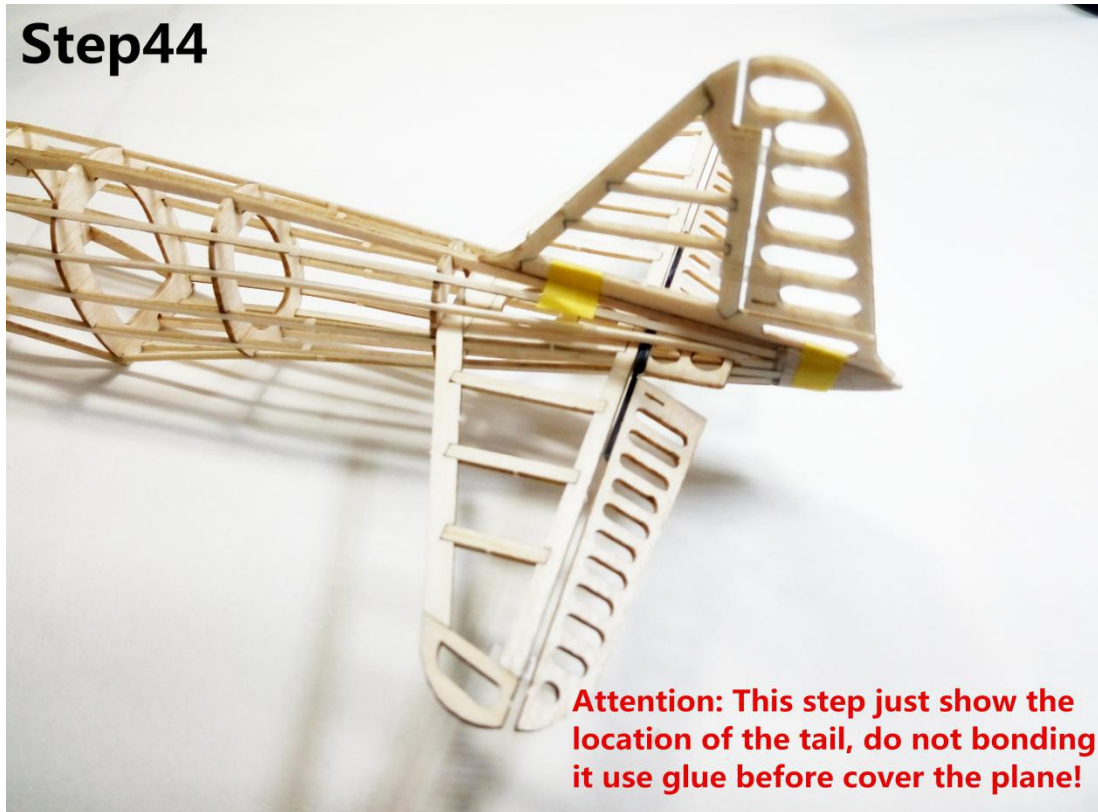
## Step41



## Step42



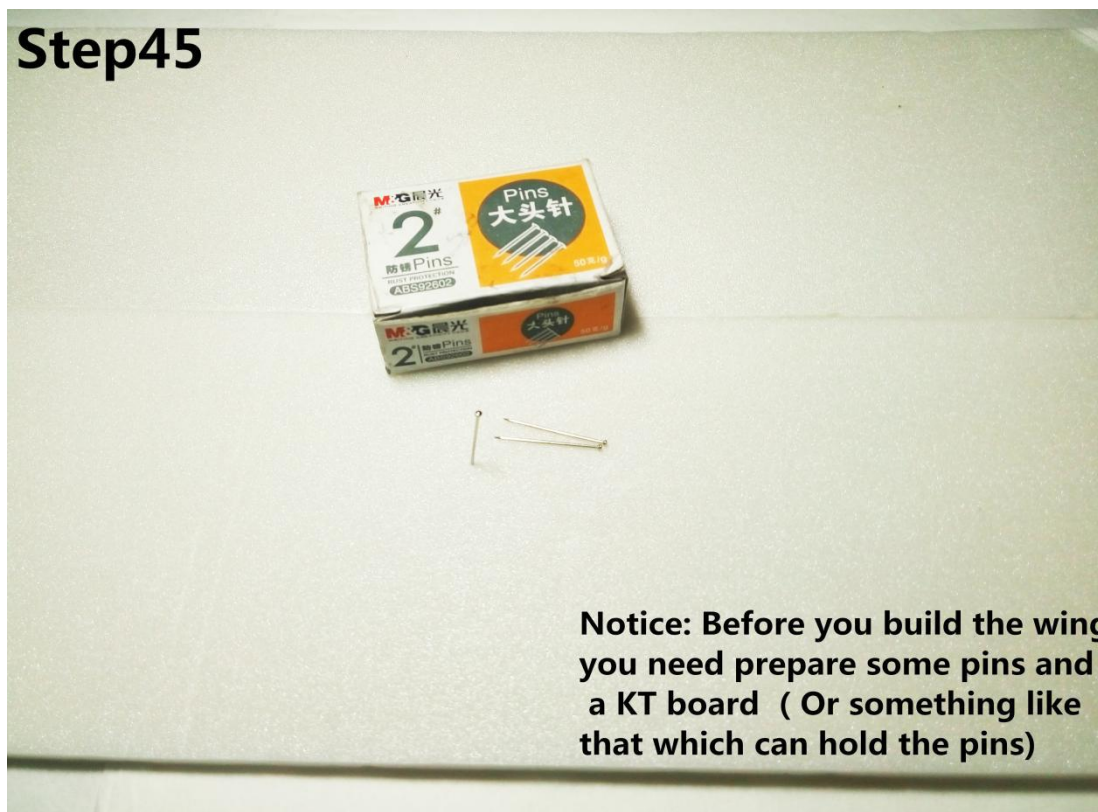
## Step44



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

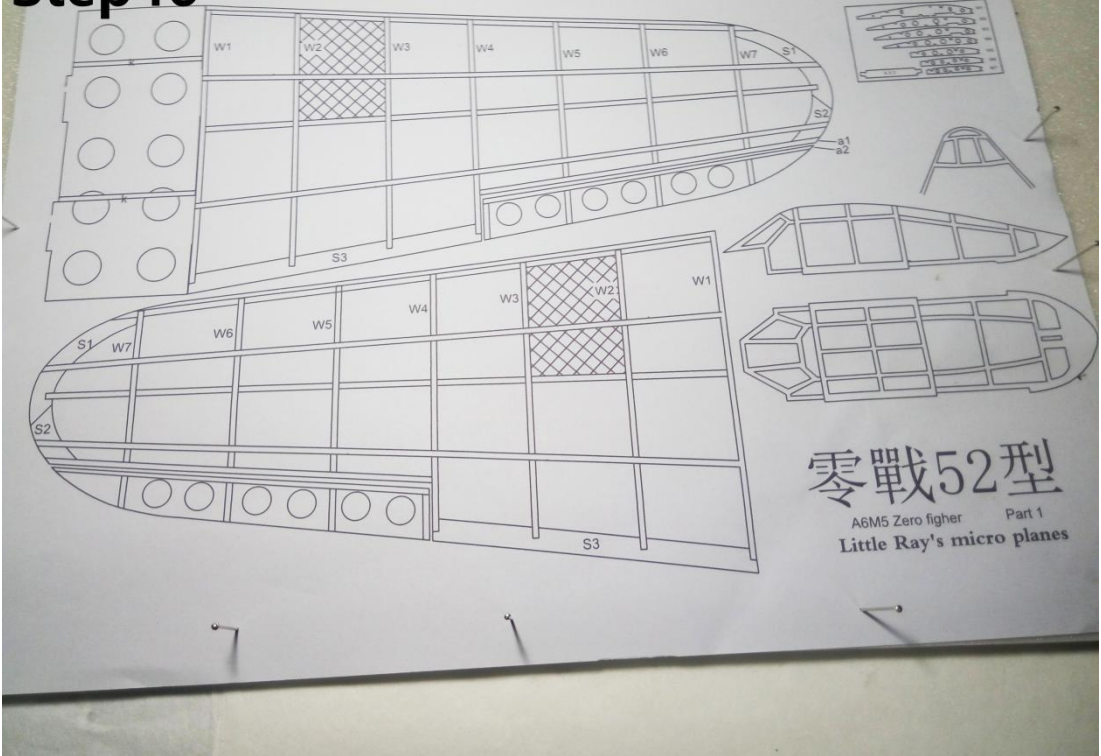
## Part3 The Wing

## Step45

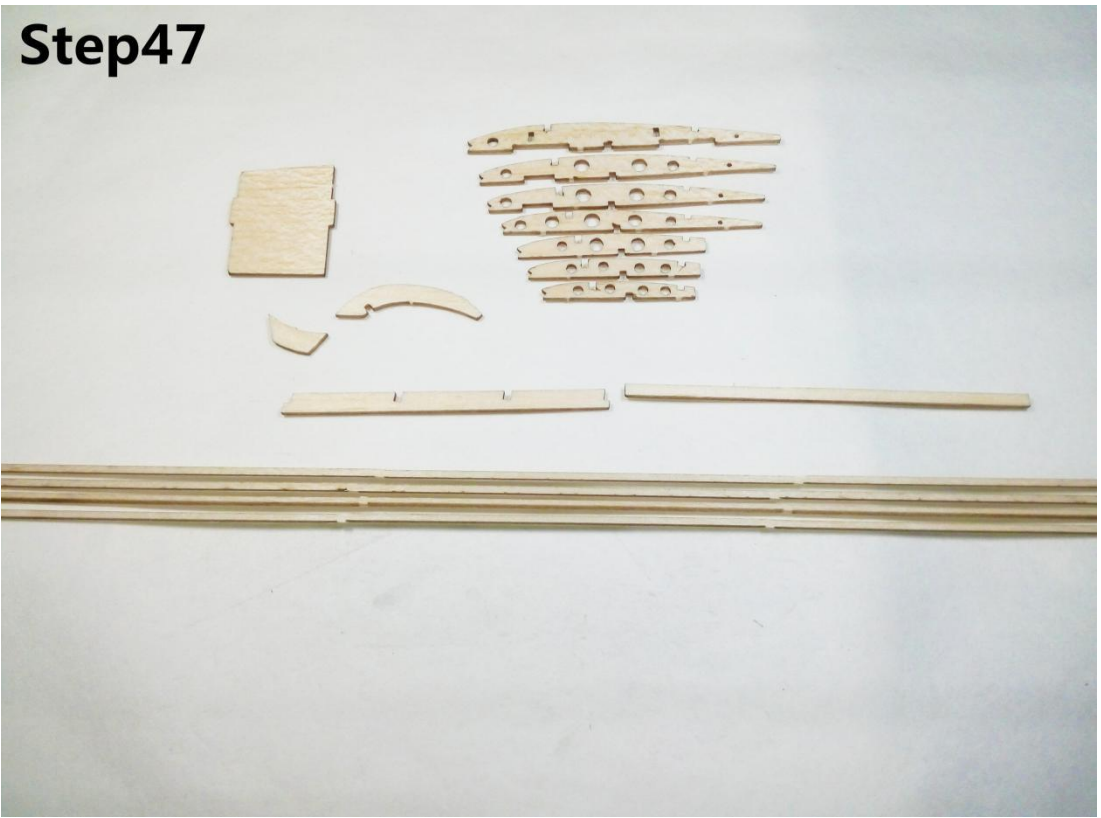


**Notice: Before you build the wing you need prepare some pins and a KT board ( Or something like that which can hold the pins)**

# Step46

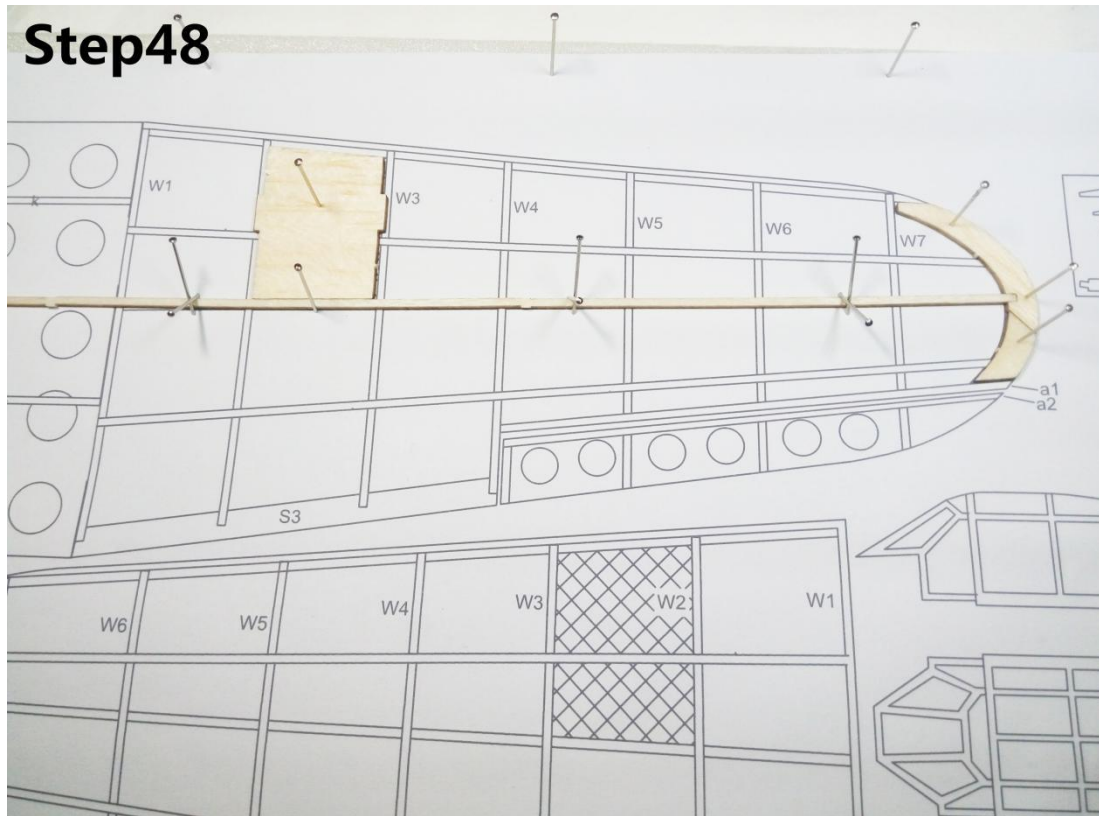


# Step47

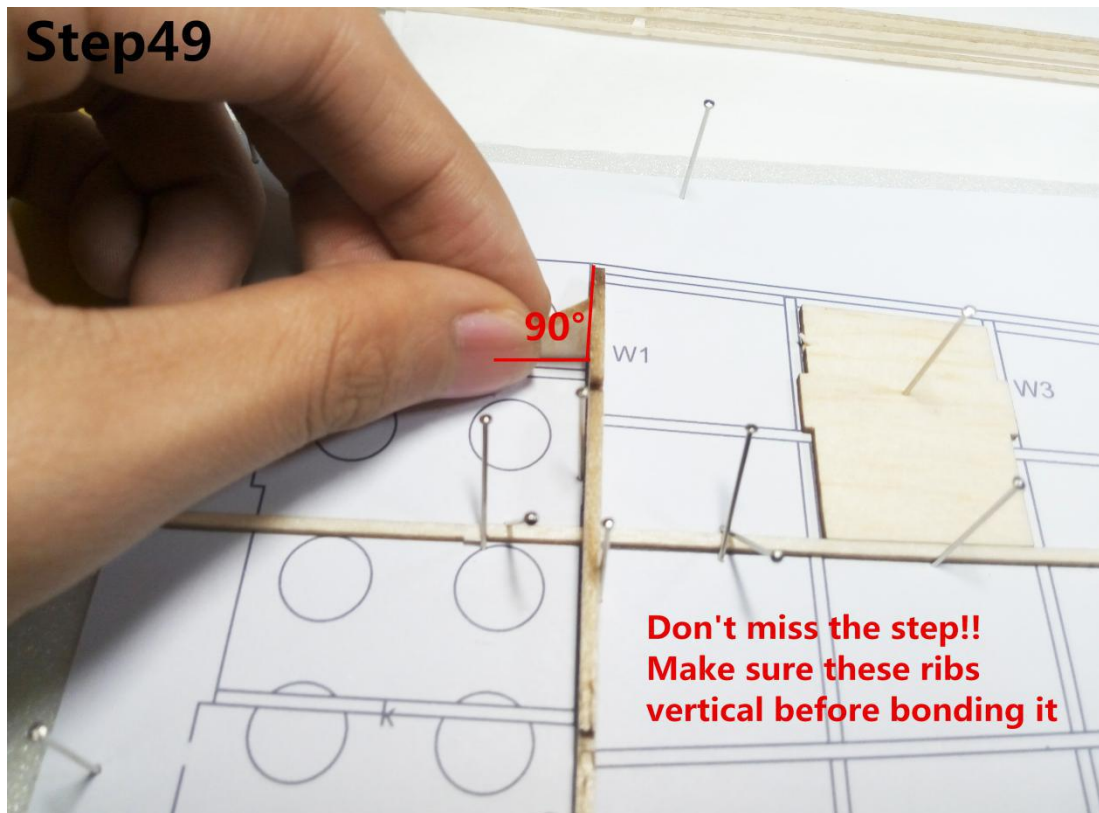




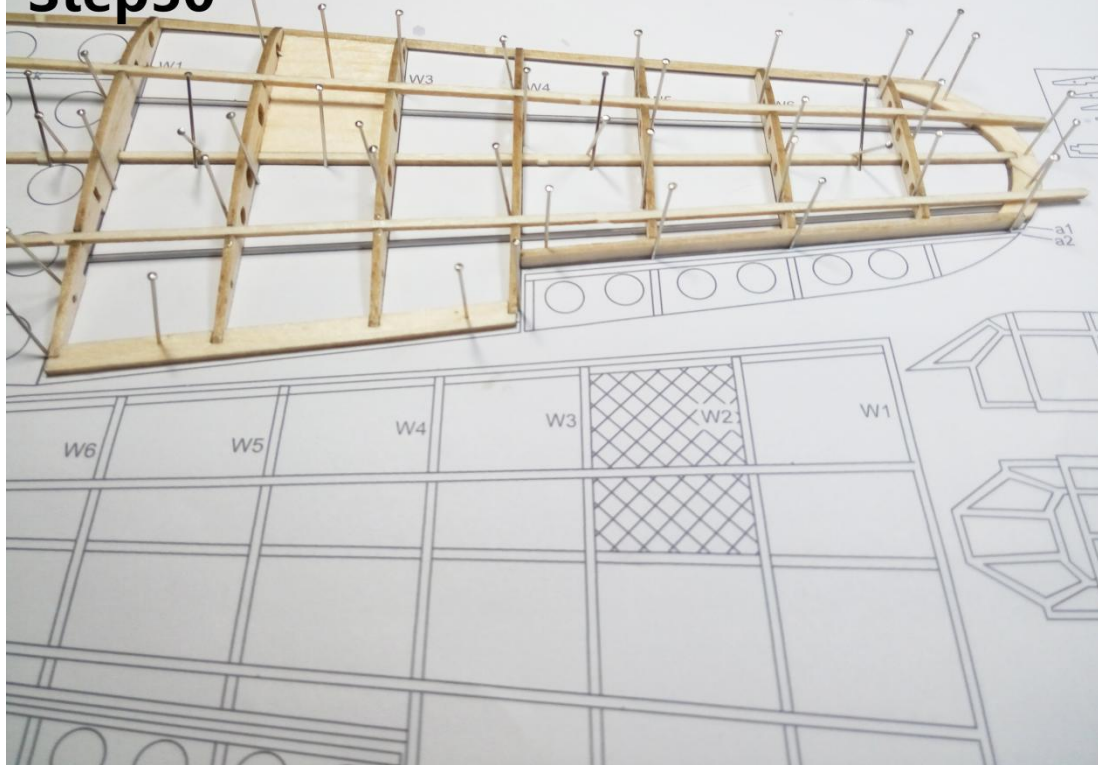
## Step48



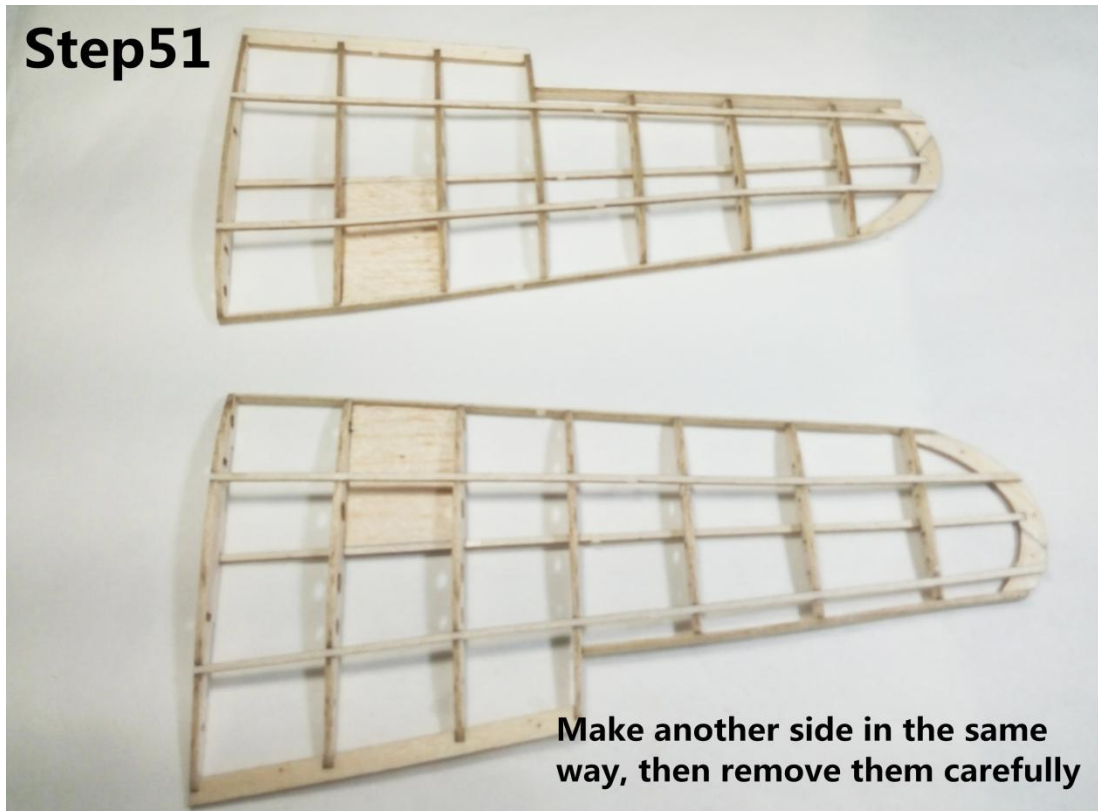
## Step49



## Step50

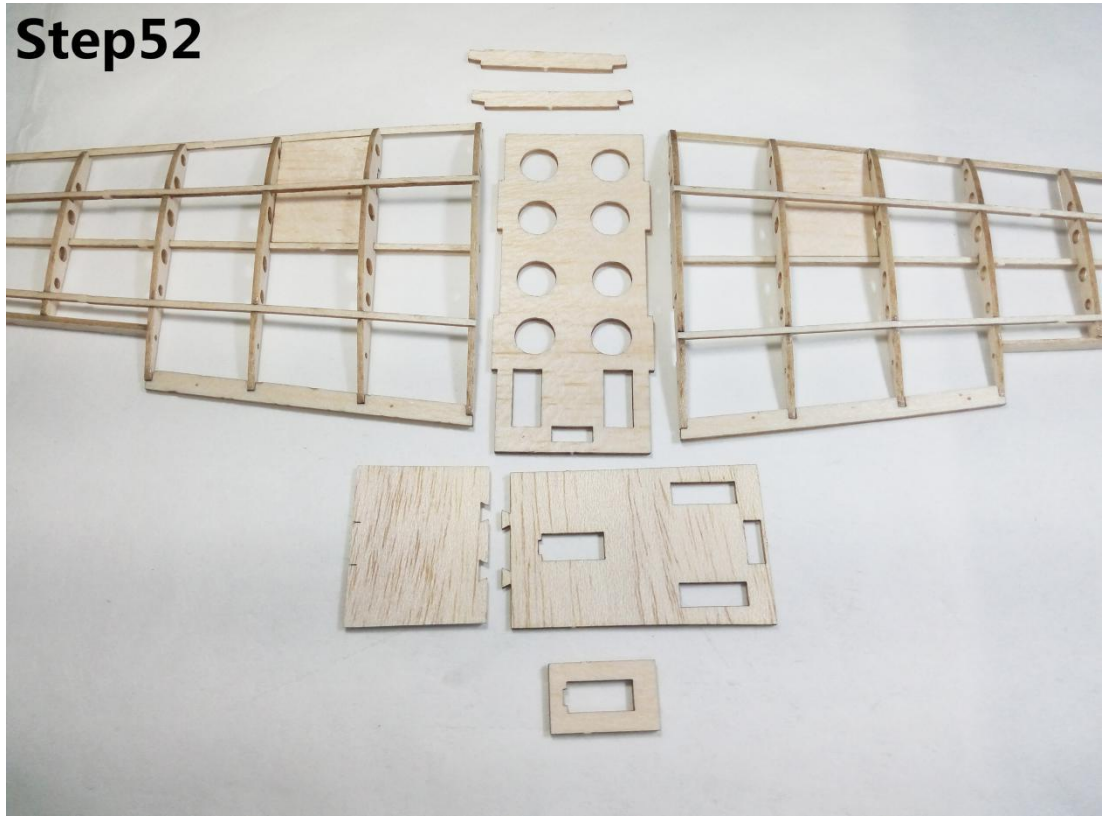


## Step51

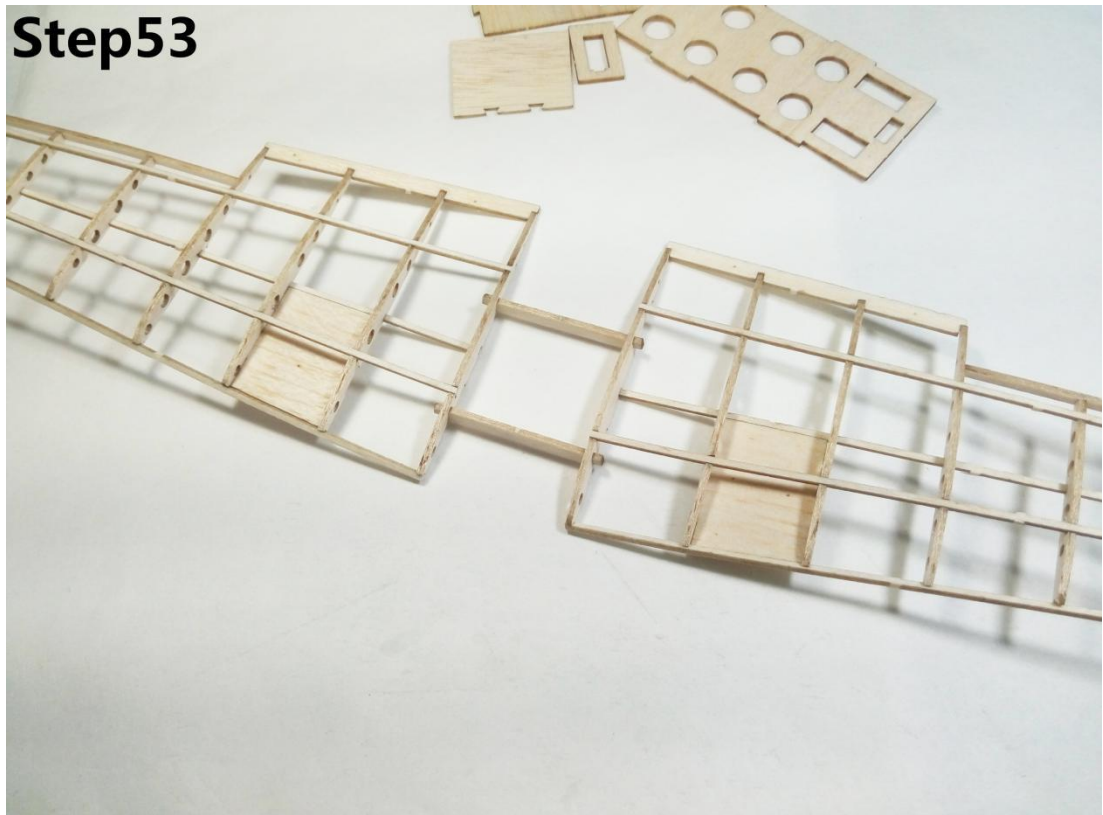


**Make another side in the same way, then remove them carefully**

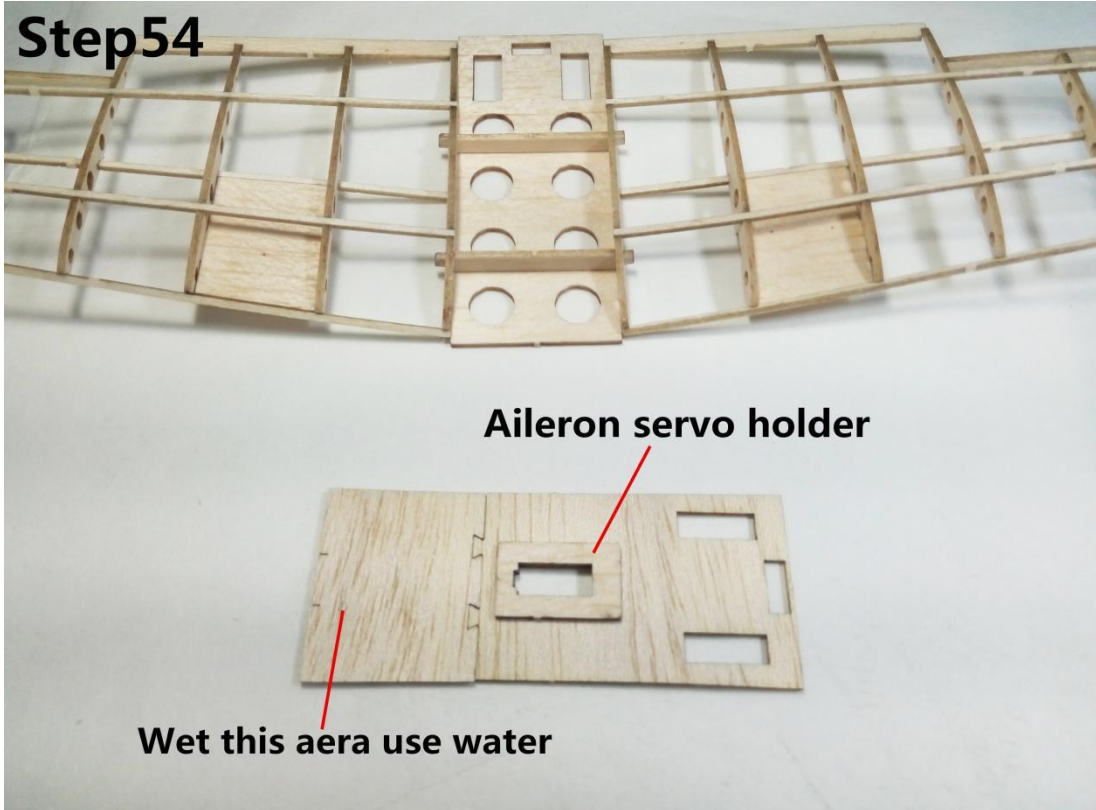
## Step52



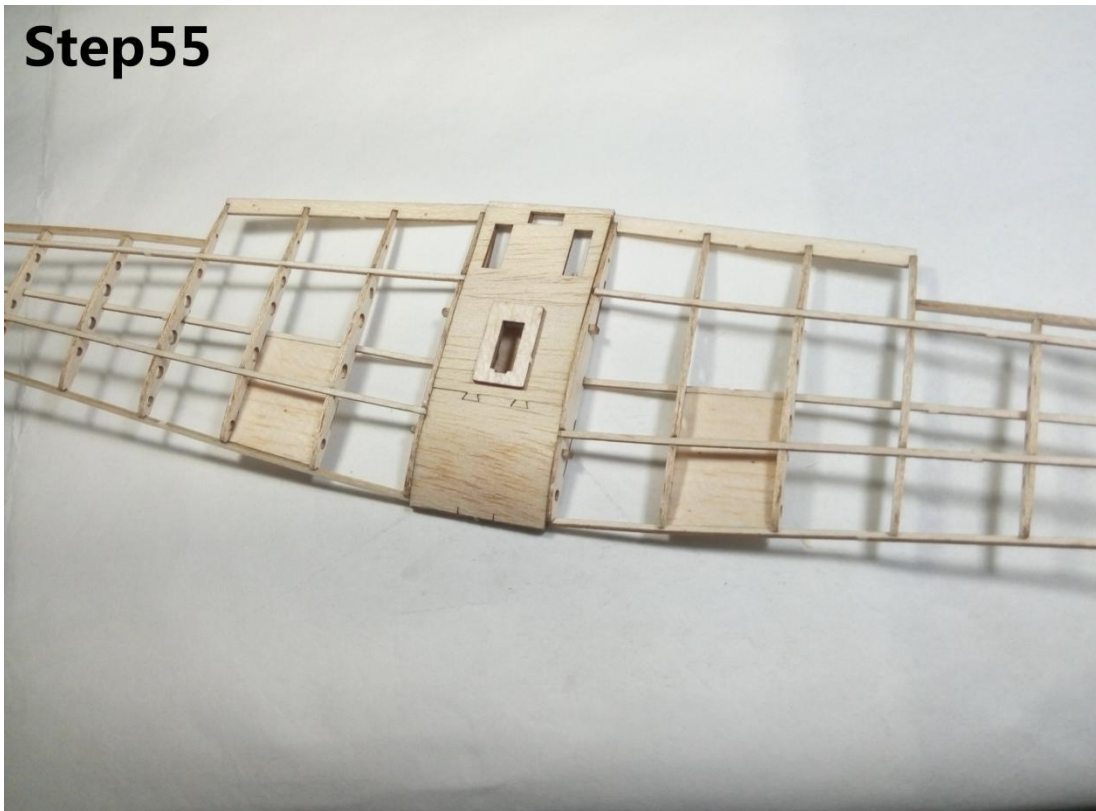
## Step53



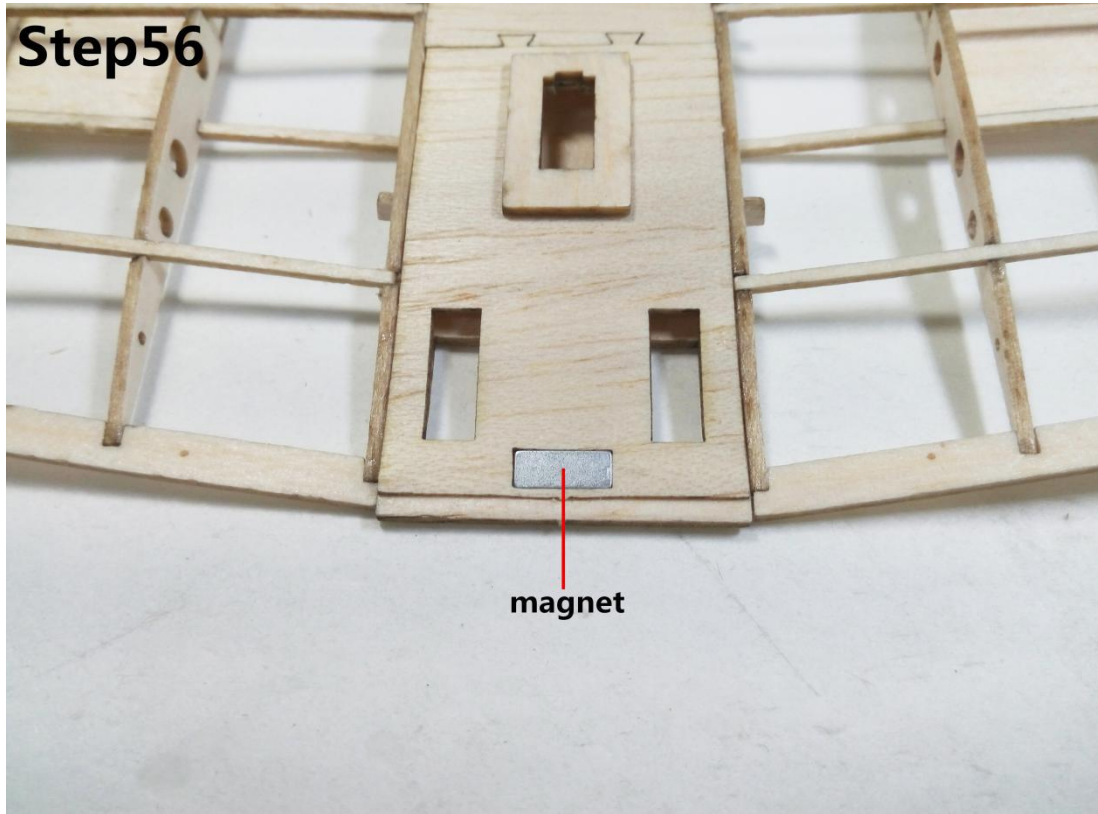
## Step54



## Step55

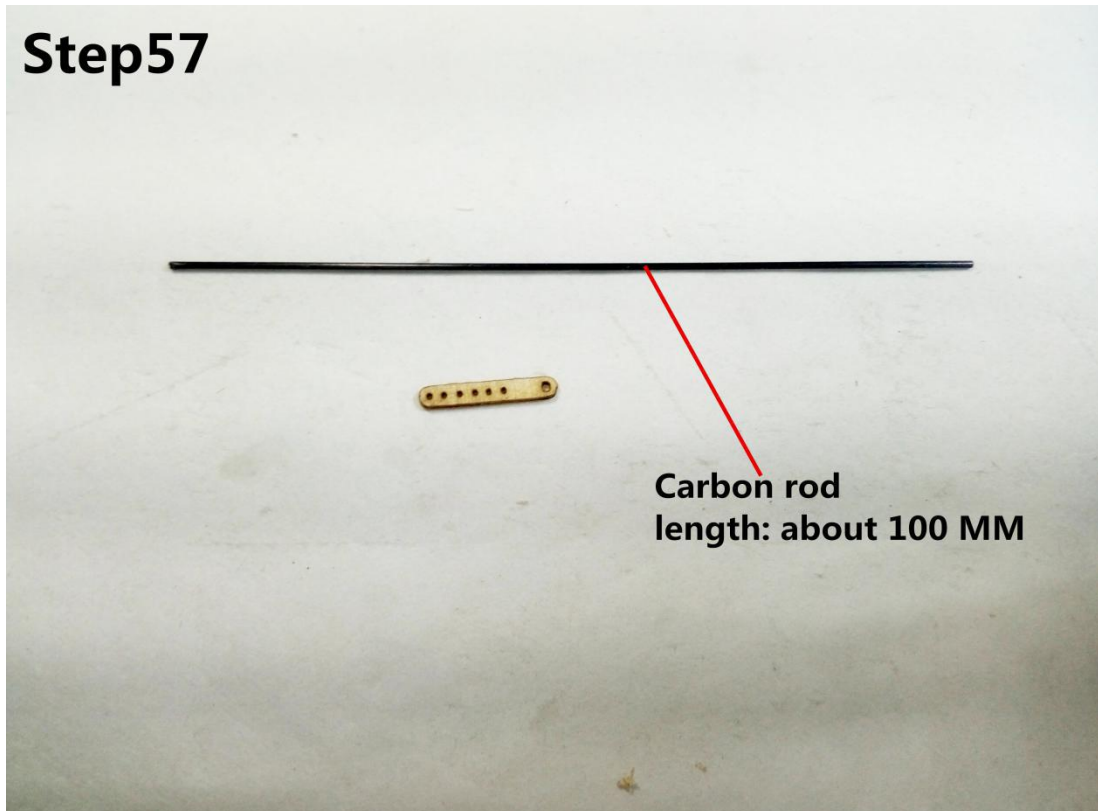


## Step56



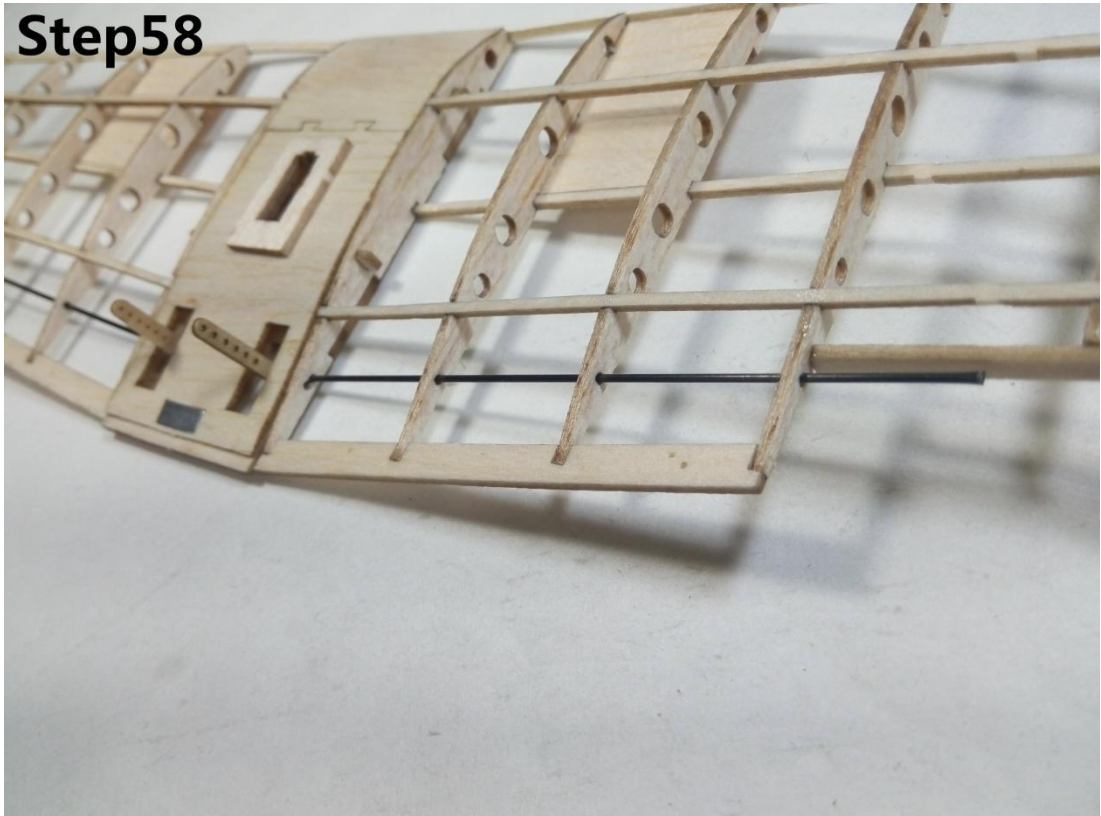
magnet

## Step57

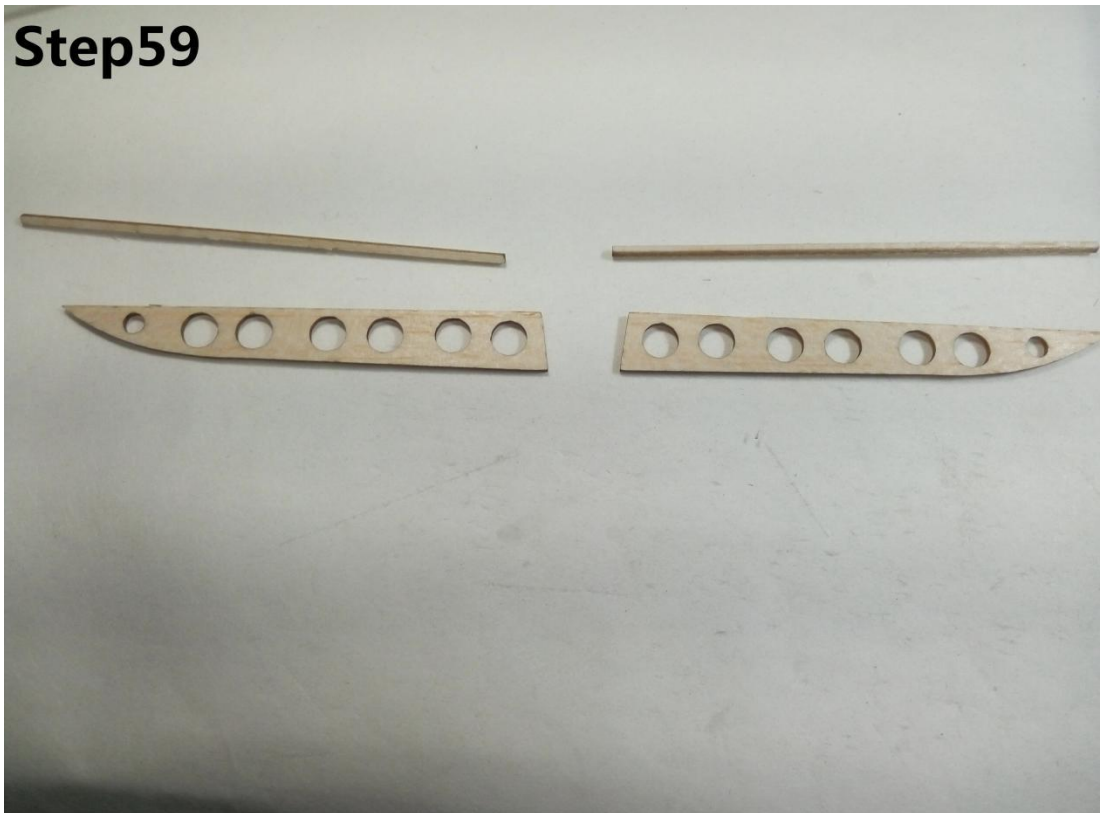


Carbon rod  
length: about 100 MM

**Step58**



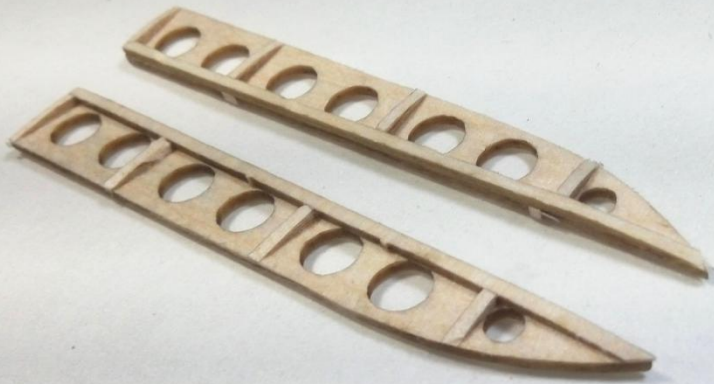
**Step59**



## Step60

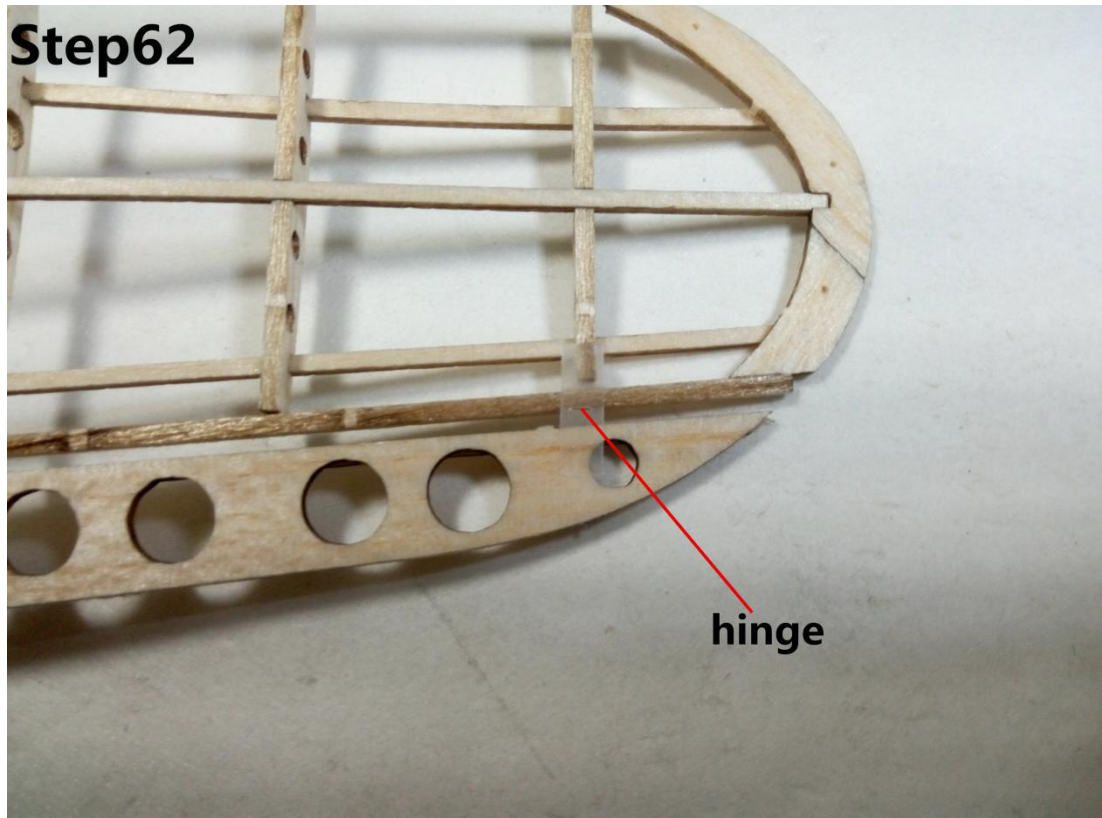


## Step61



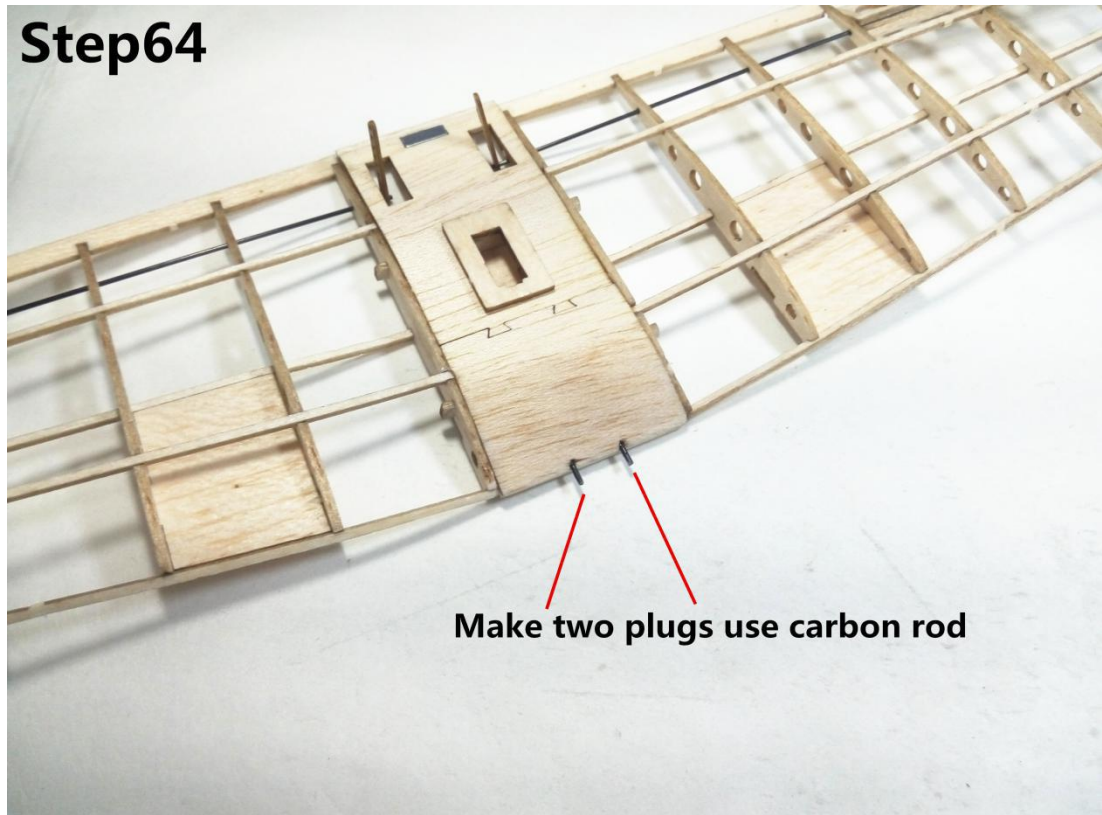
**Sand the edge**

**Step62**



**hinge**

**Step64**



**Make two plugs use carbon rod**



## Part4 Landing gear

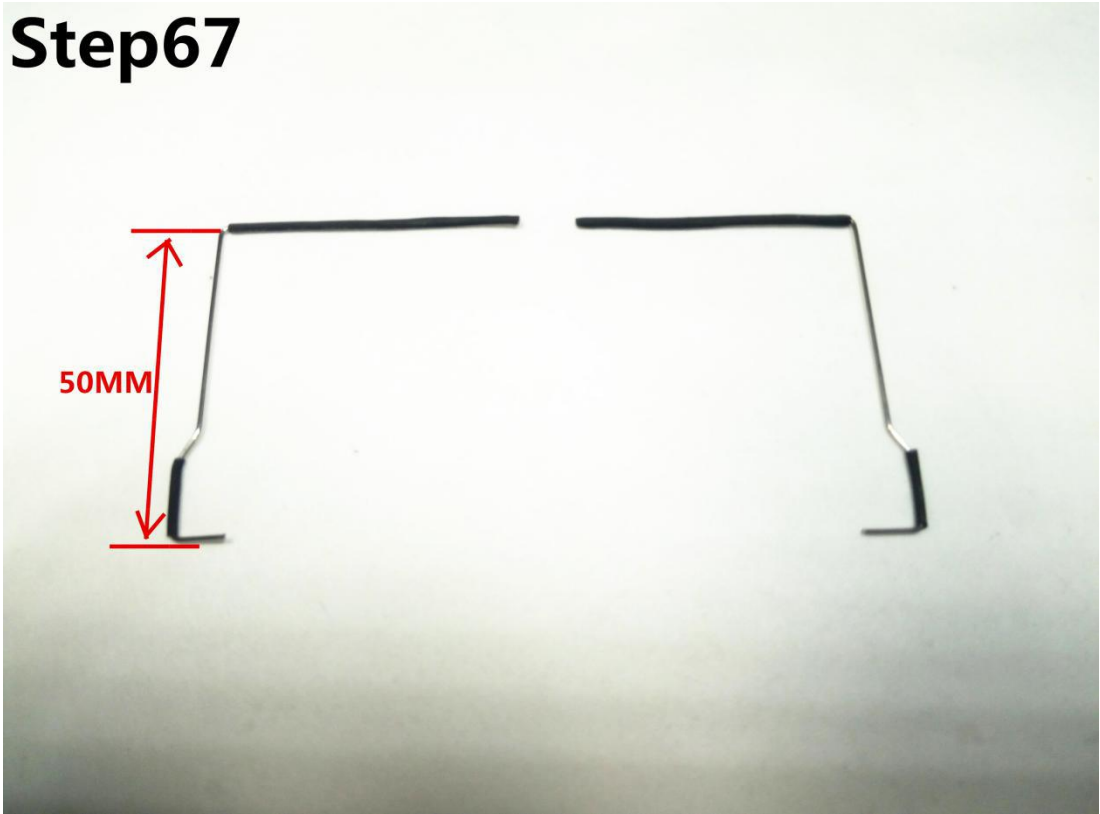
### Step65



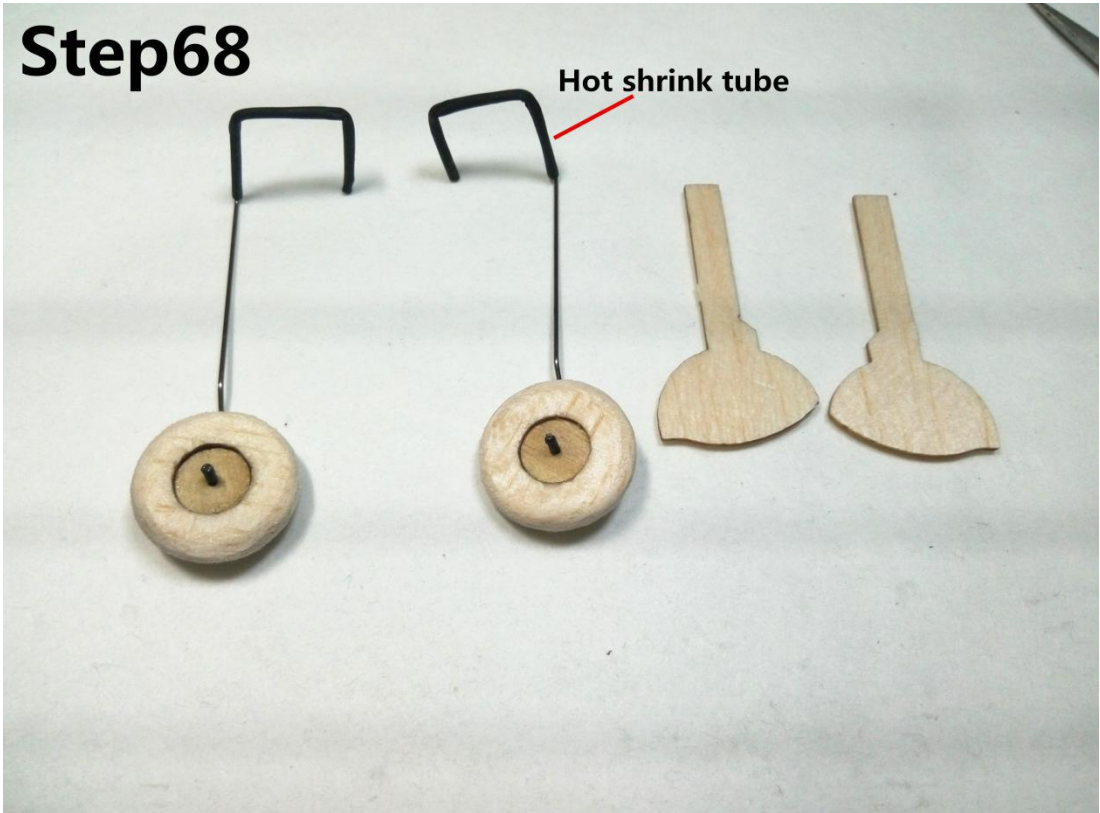
### Step66



# Step67



# Step68



**Step69**



**Part5 The Canopy**

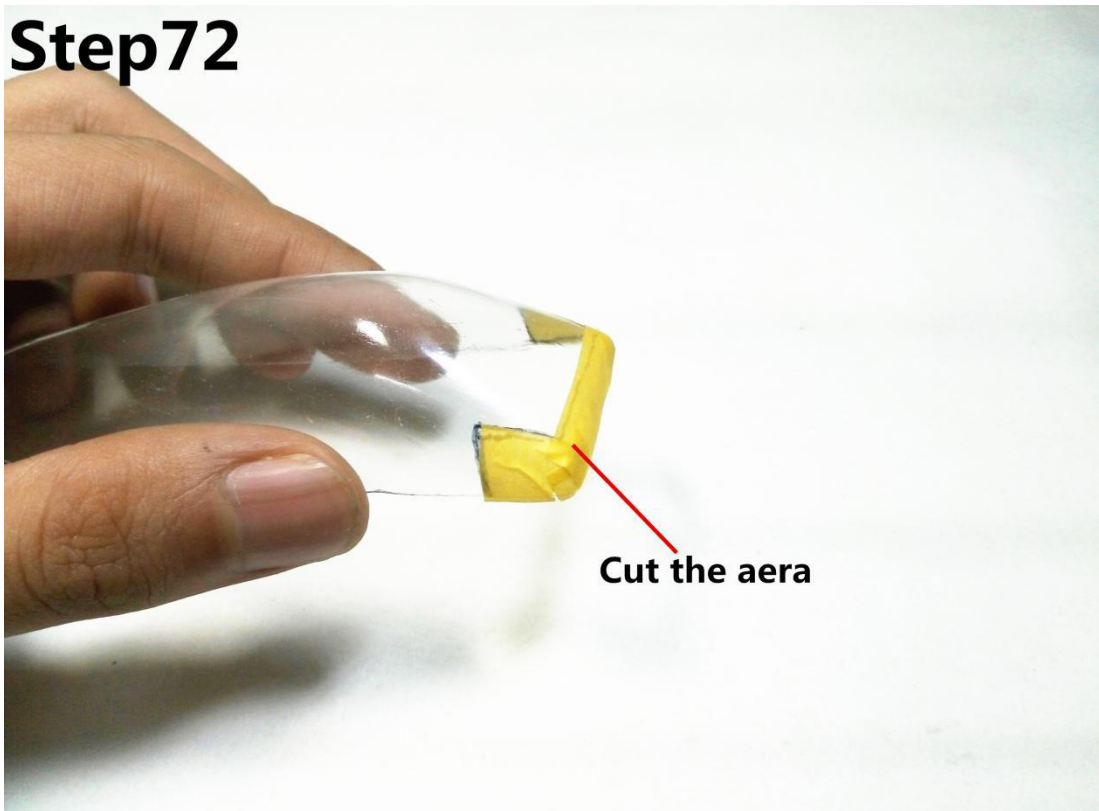
**Step70**



## Step71



## Step72

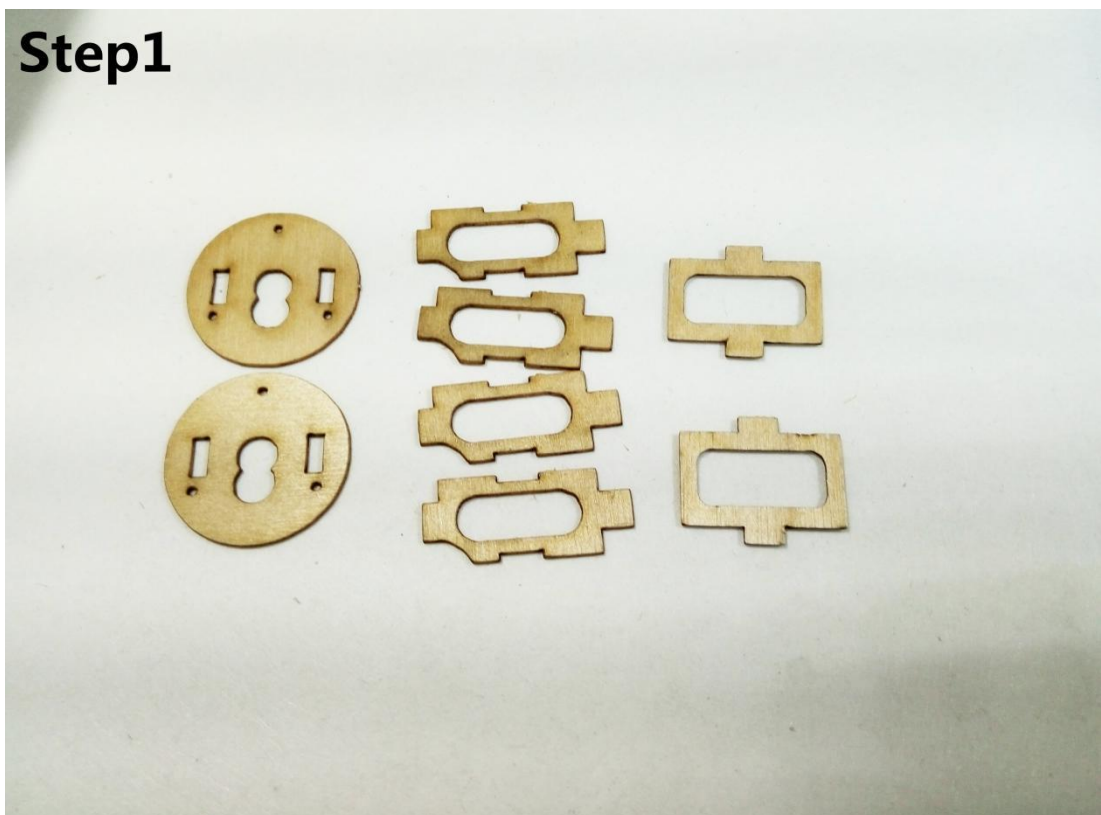


## Step73

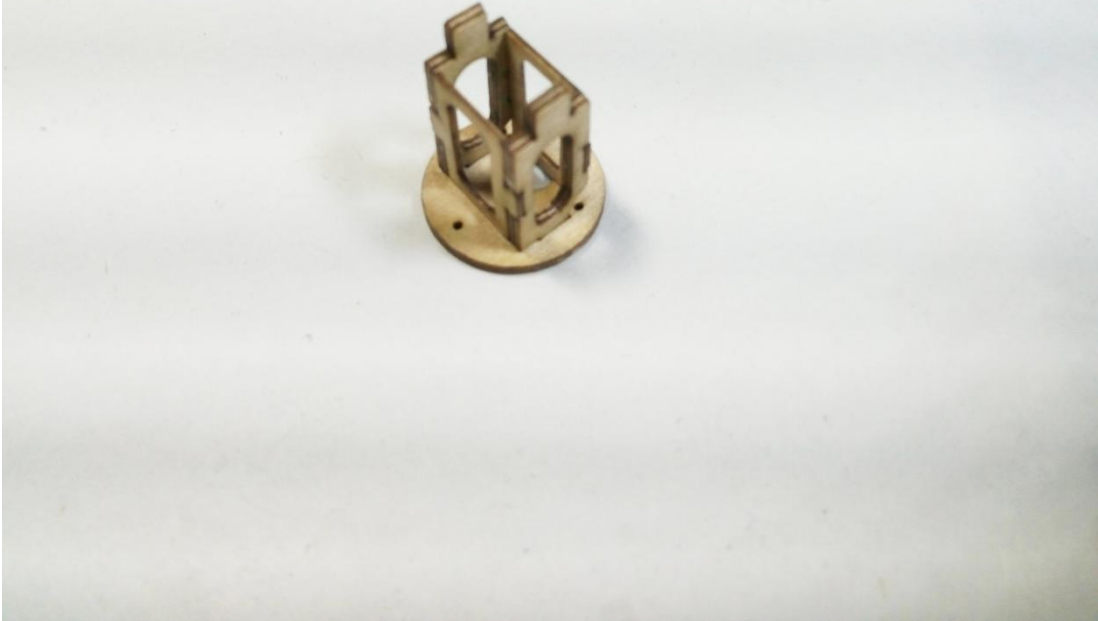


## Part5 Electronics Version of Brushless Motor

### Step1



## Step2



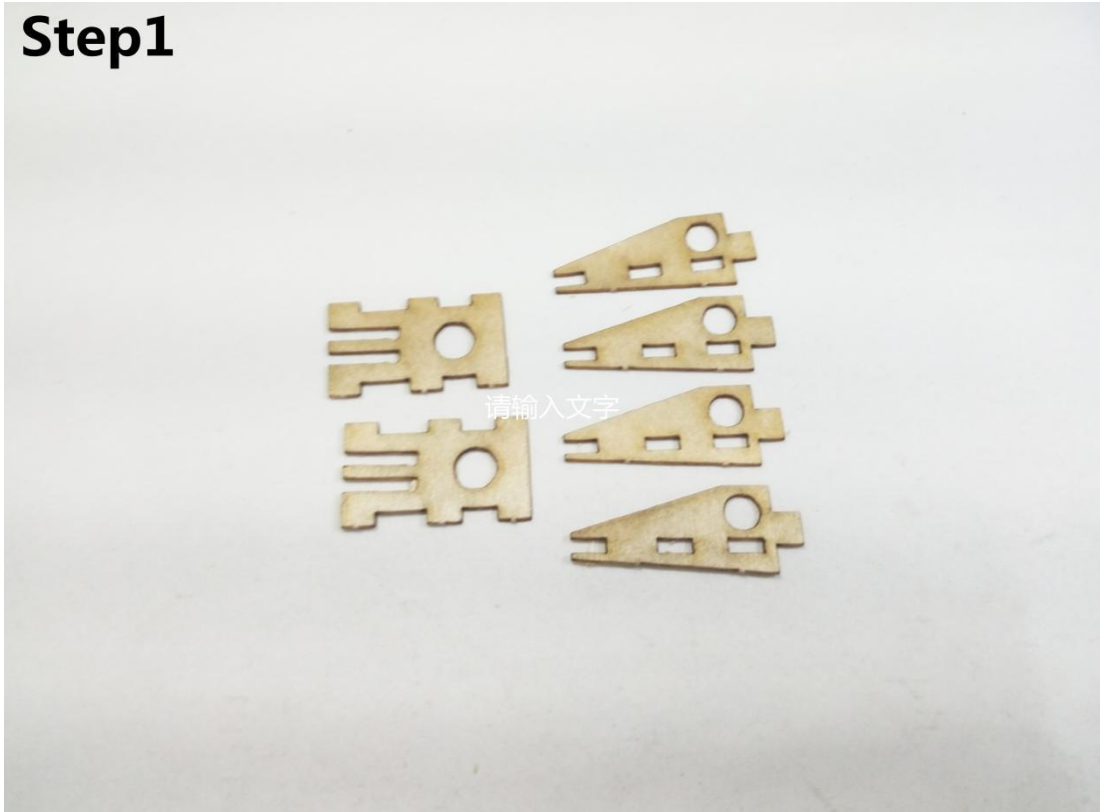
## Step3



1104 brushless motor

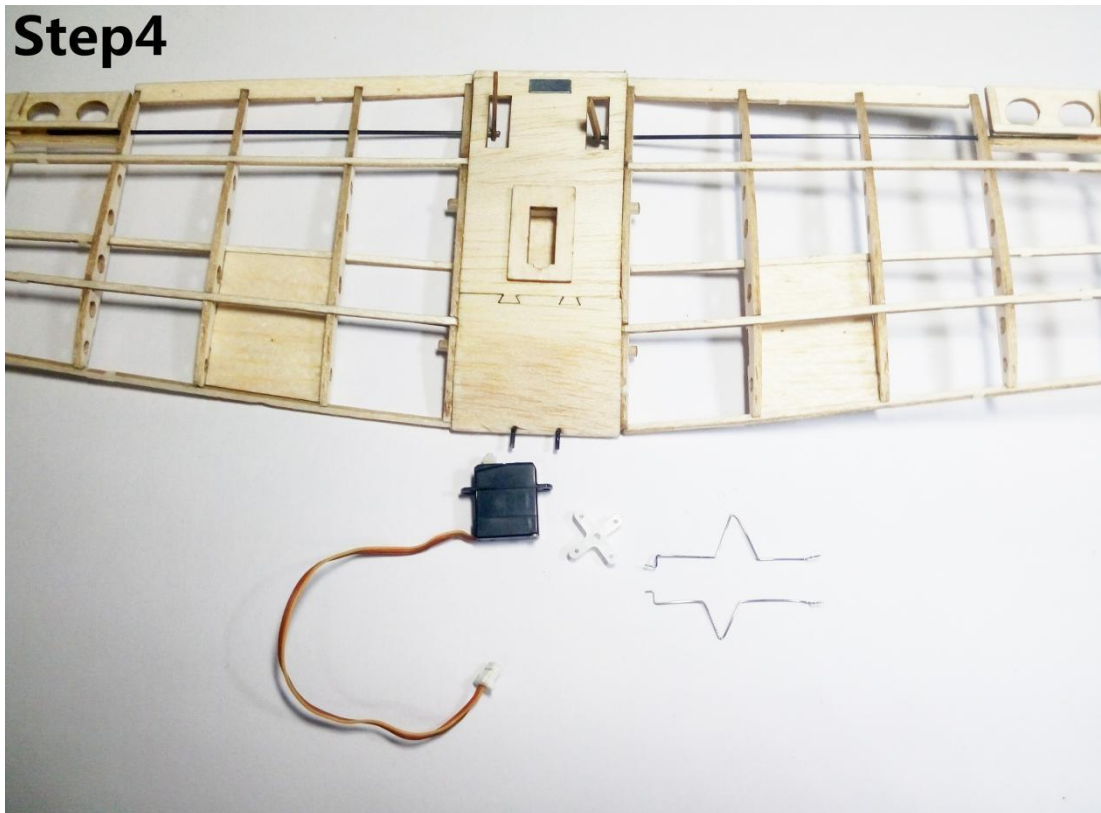
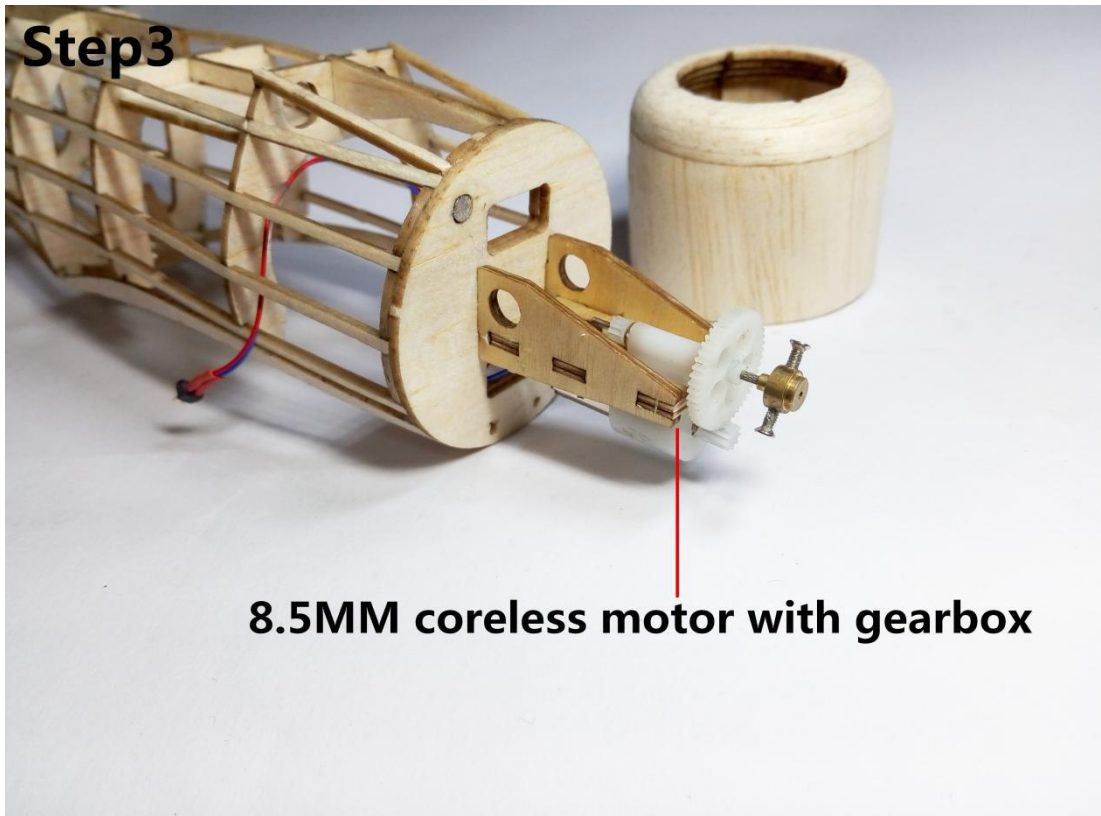
## Version of 8.5mm Gearbox

### Step1



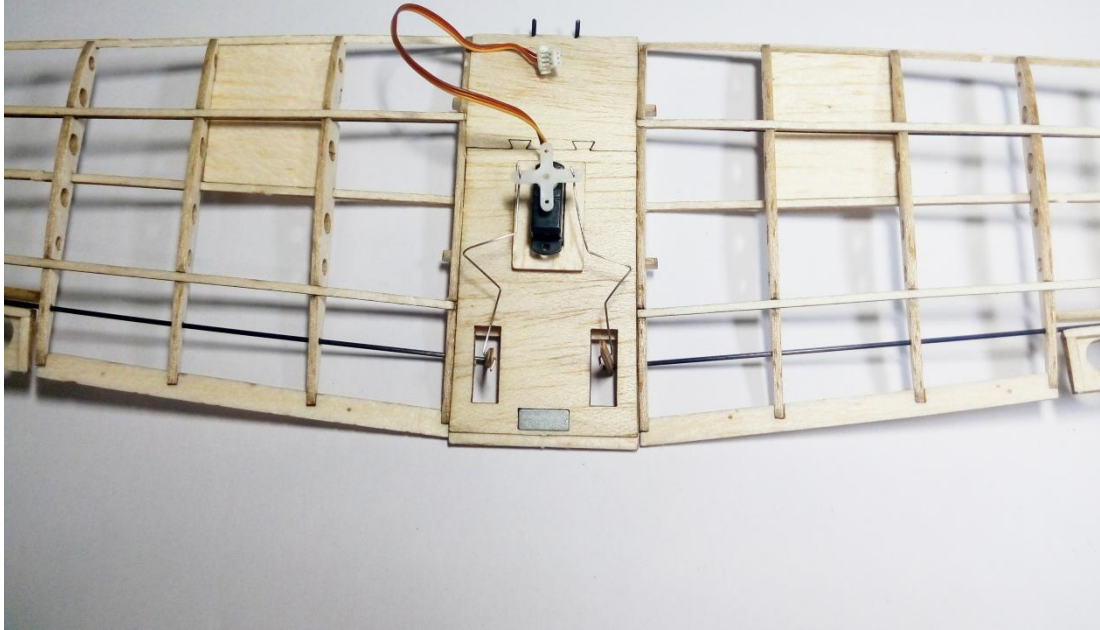
### Step2



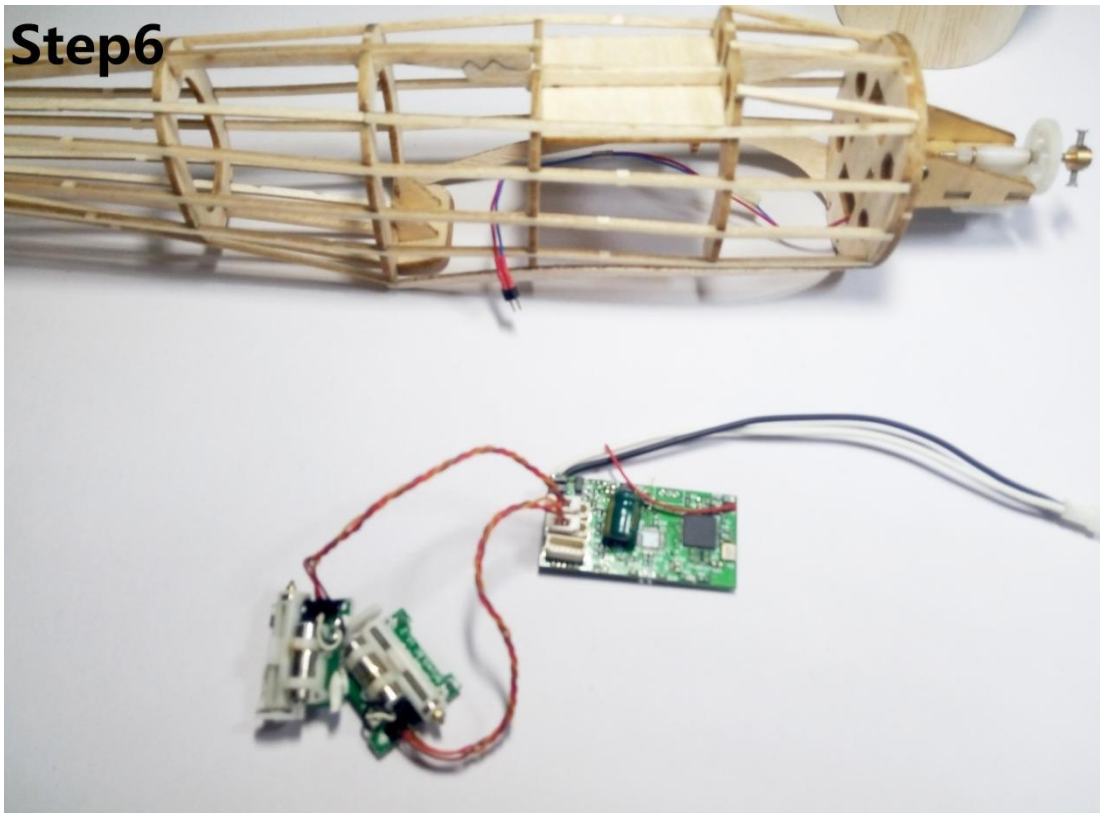




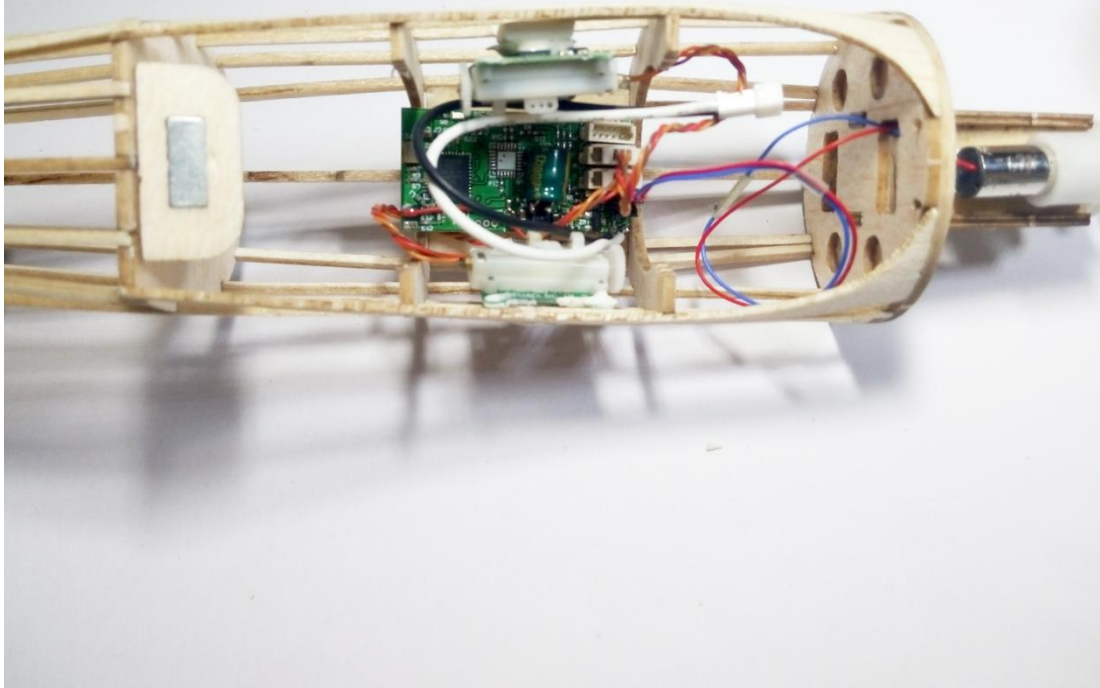
## Step5



## Step6

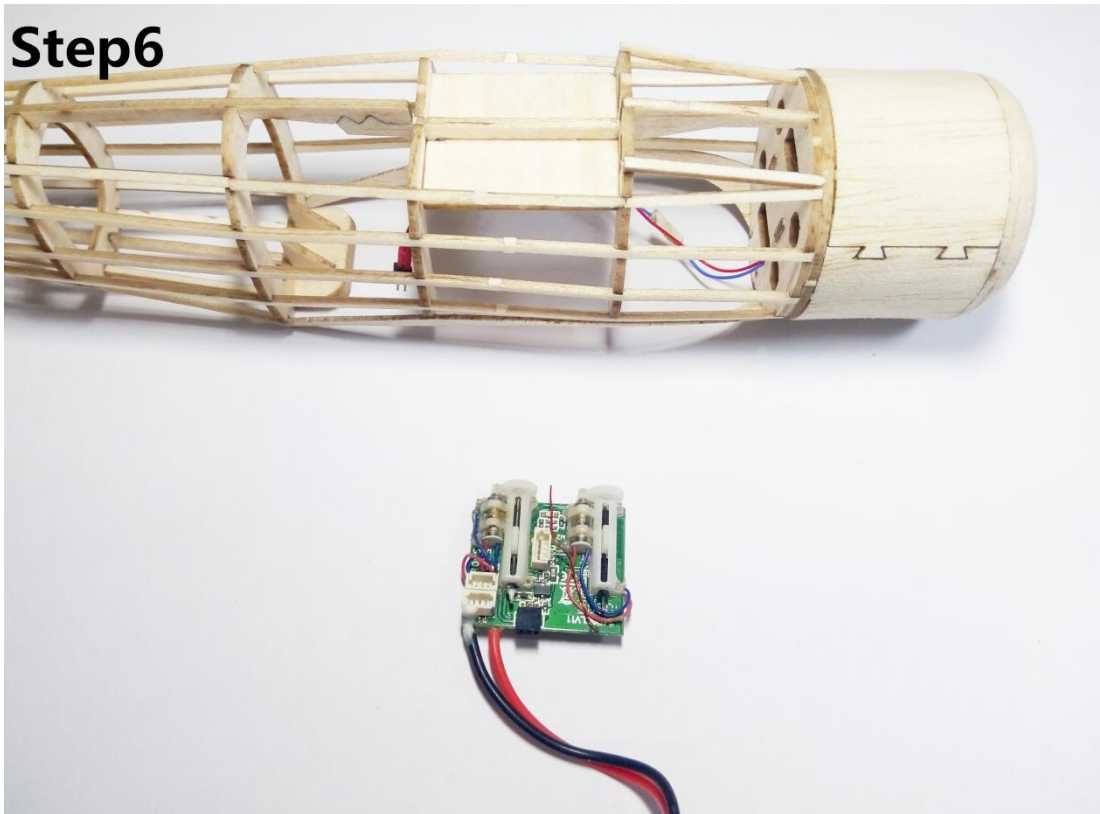


## Step7

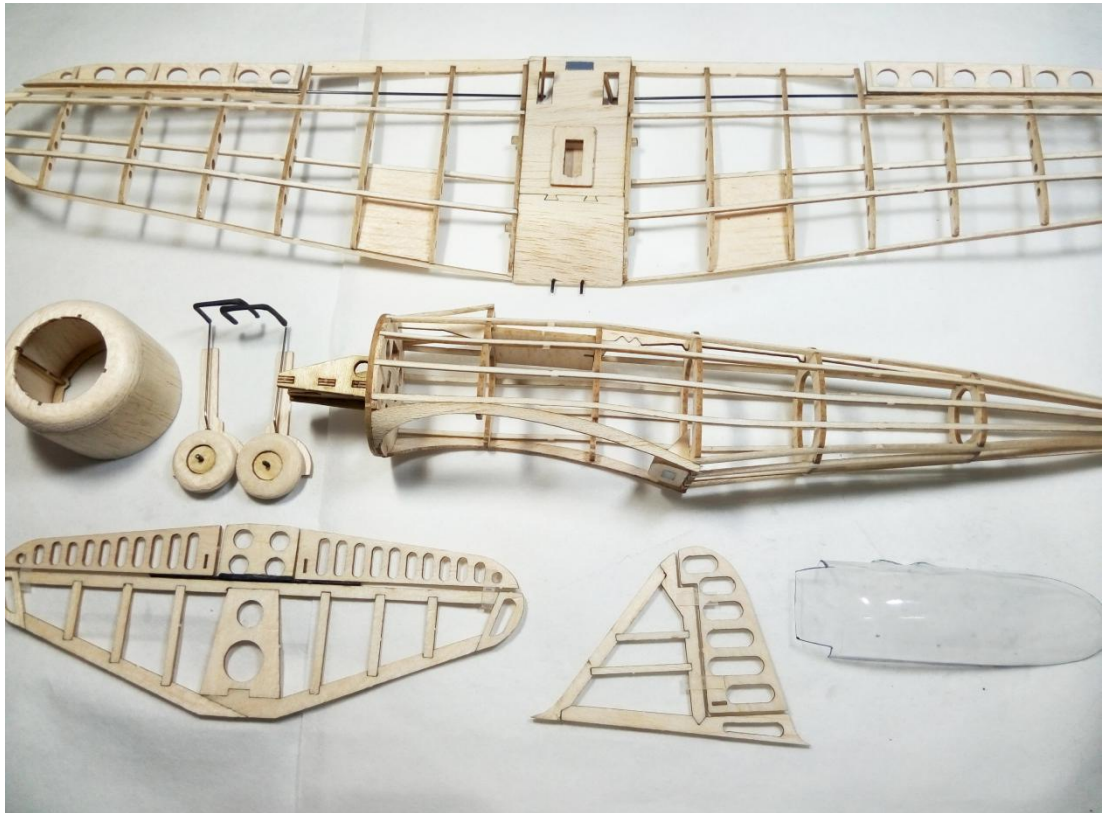
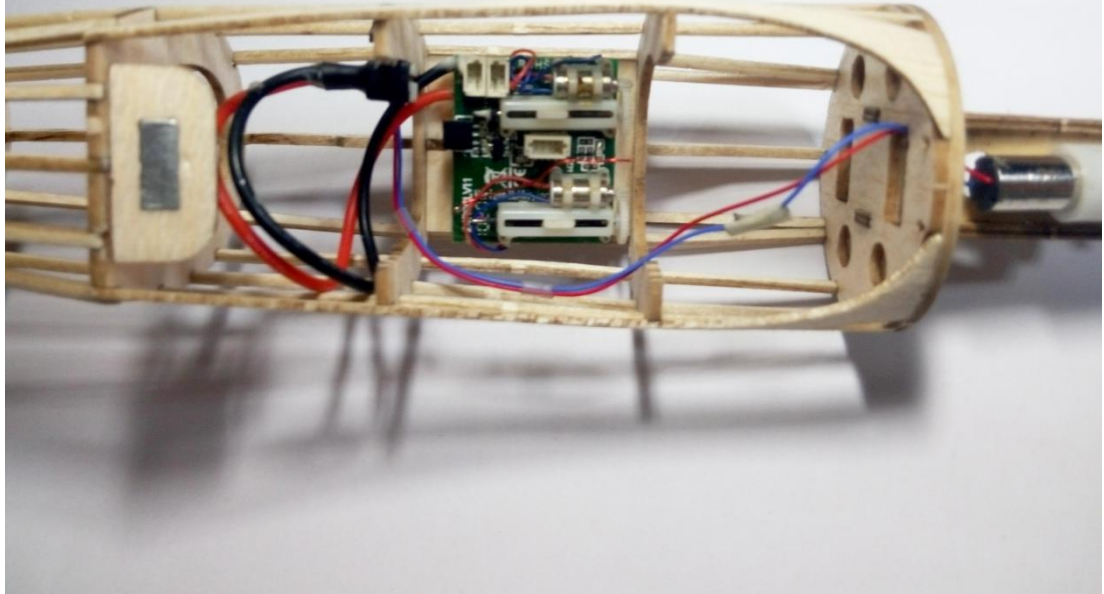


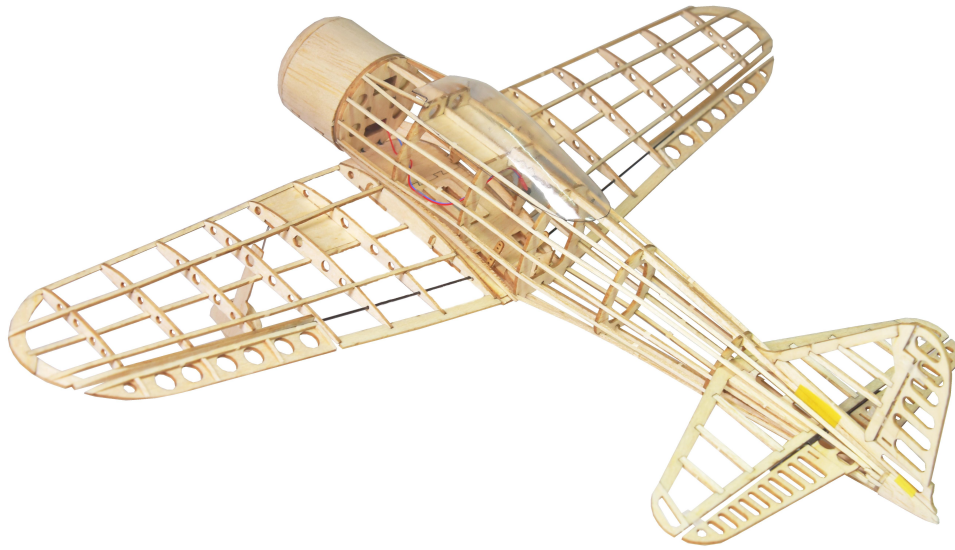
If you use SPMAR6400 micro receiver,

## Step6



# Step 7





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

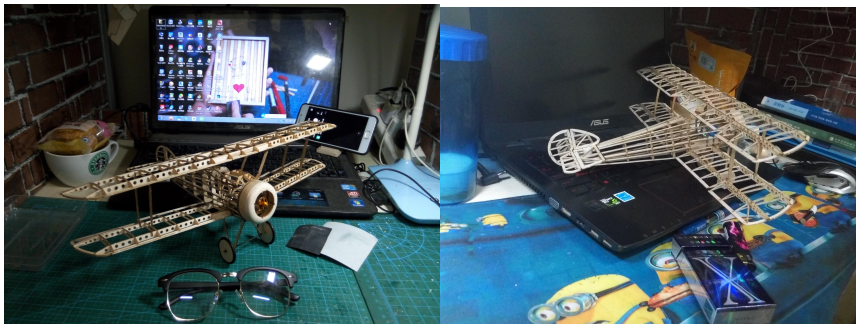
**<http://www.ffscale.co.uk/comp8.htm>**

This plane designed by: Little Ray

## Advertisement part

Dear customers:

Thank you for your support! I'm a college student who is crazy about micro balsa plane, I will continue designing traditional peanut scale which is cheaper but finer than other peanut plane on the market like Guillows, Sterling, Westwind ...



Little Ray' s peanut scale

- You can buy the mini Cessna on [www.bangood.com](http://www.bangood.com)
- The Sopwith Came will on sell soon

Little Ray' s E-mail: [2721100643@qq.com](mailto:2721100643@qq.com)

If you have any suggestions or trouble, contact me, best wishes