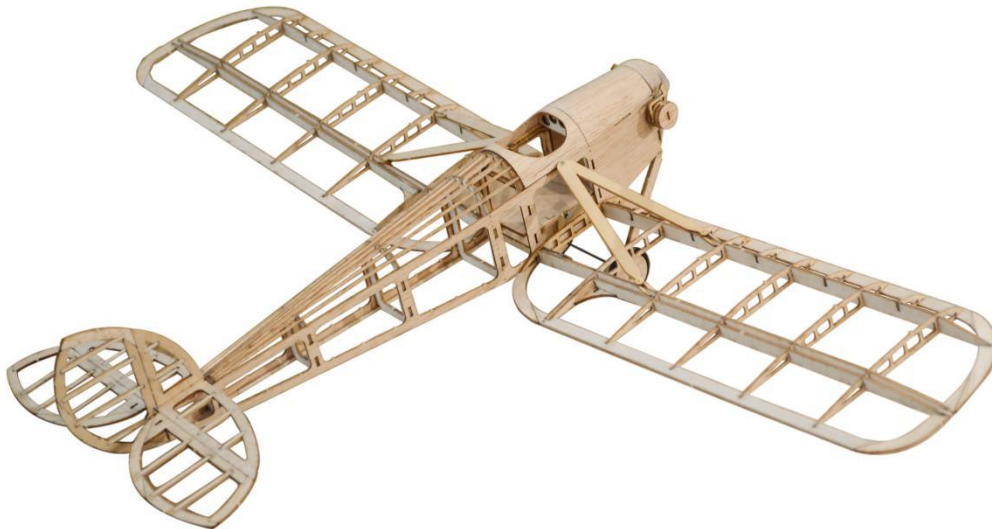


# DH.53 Humming Bird Manual



Tony Ray's AeroModel



## DH.53 Humming bird- Kit Inventory

- Wood Part: Balsa wood Sheets \*5, Basswood Sheets \*1
- Hardware Part: Carbon rod \* 1, Micro Hinge \* 1, Micro screw \* 16, Rubber wheel \* 2, Heat shrink tube\*1, Mini Magnet\*6
- Paper Part: Installation drawings \*2, Covering tissue \* 1

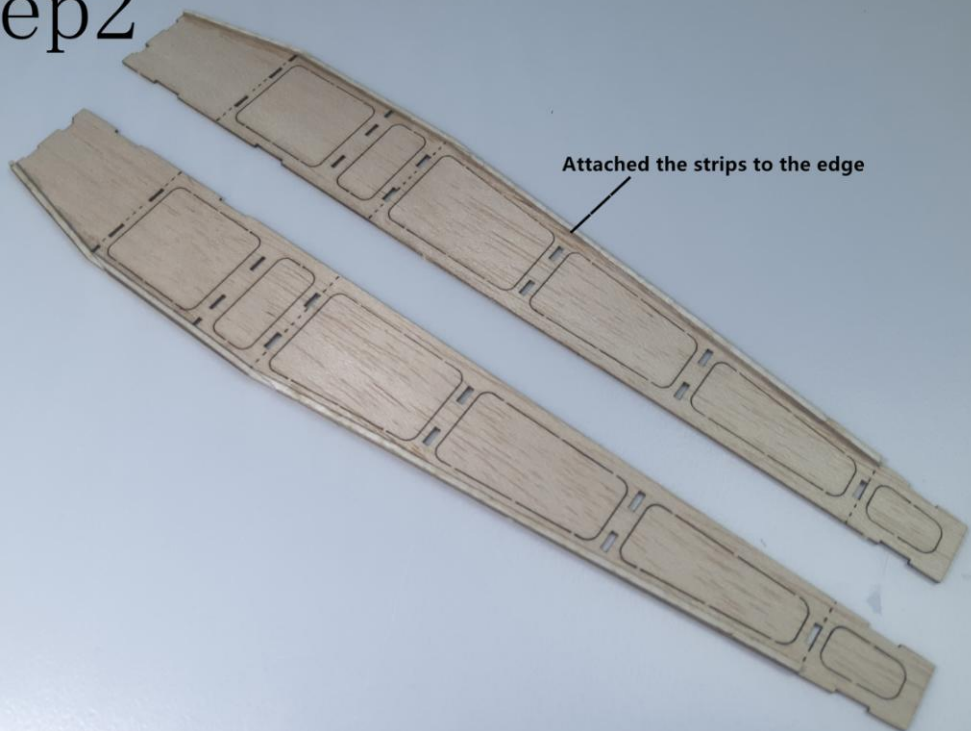
## Required Electronics

- RC Transmitter with at least 4 channels
- Receiver/1.7g Micro servo
- Motor 8.5mm coreless motor with gearbox
- Propeller,5.5in or 138mm prop /LiPo battery

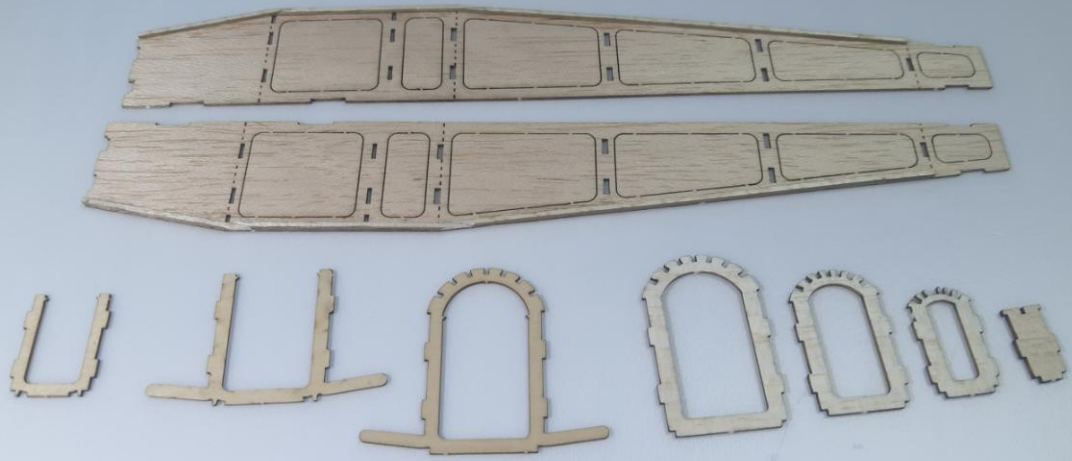
# Step1



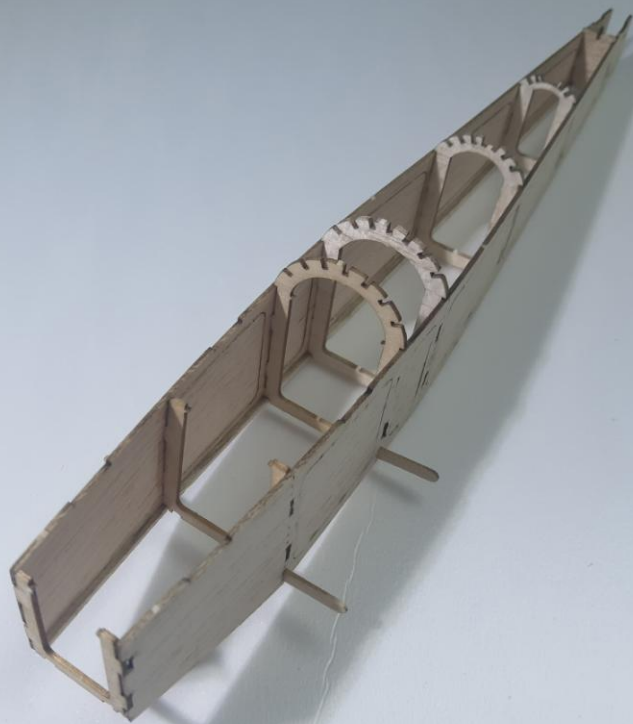
# Step2



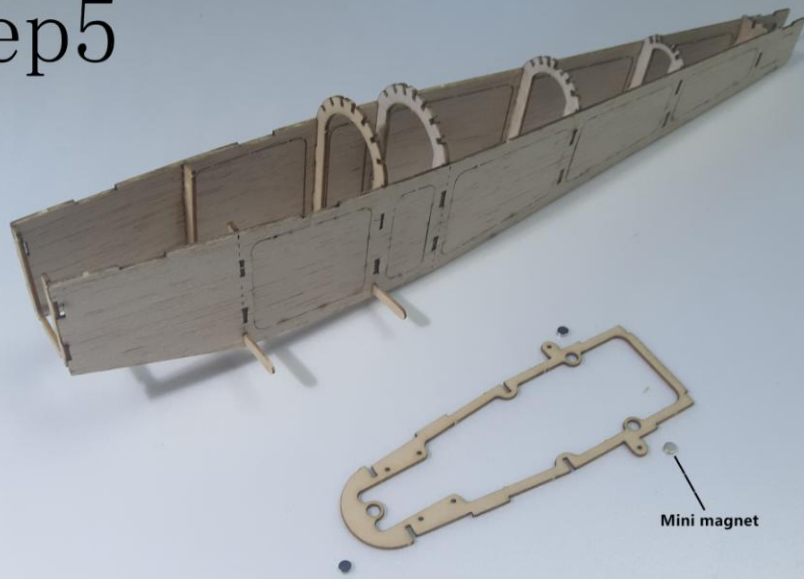
## Step3



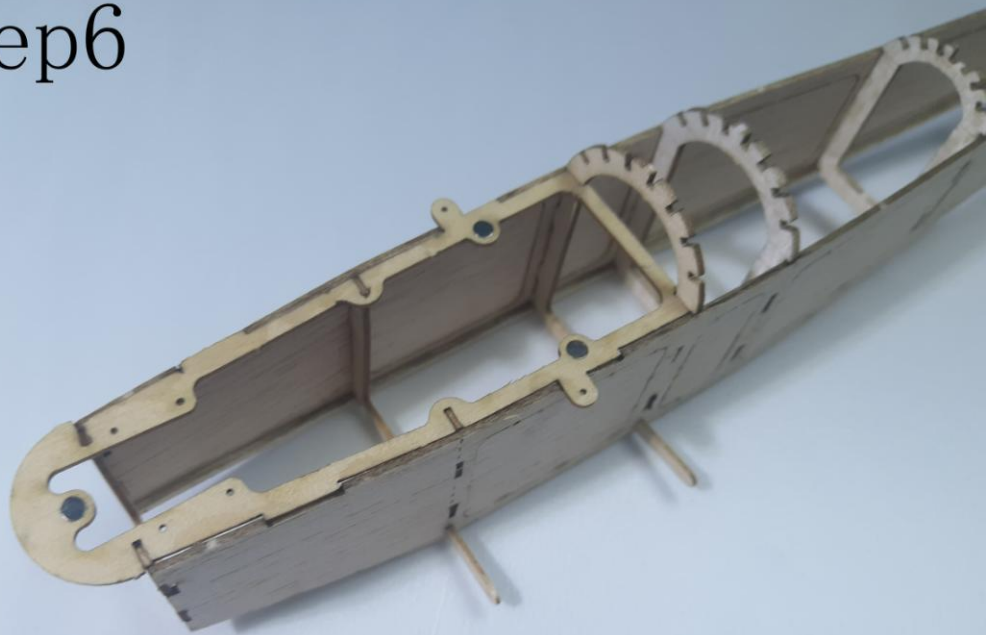
## Step4



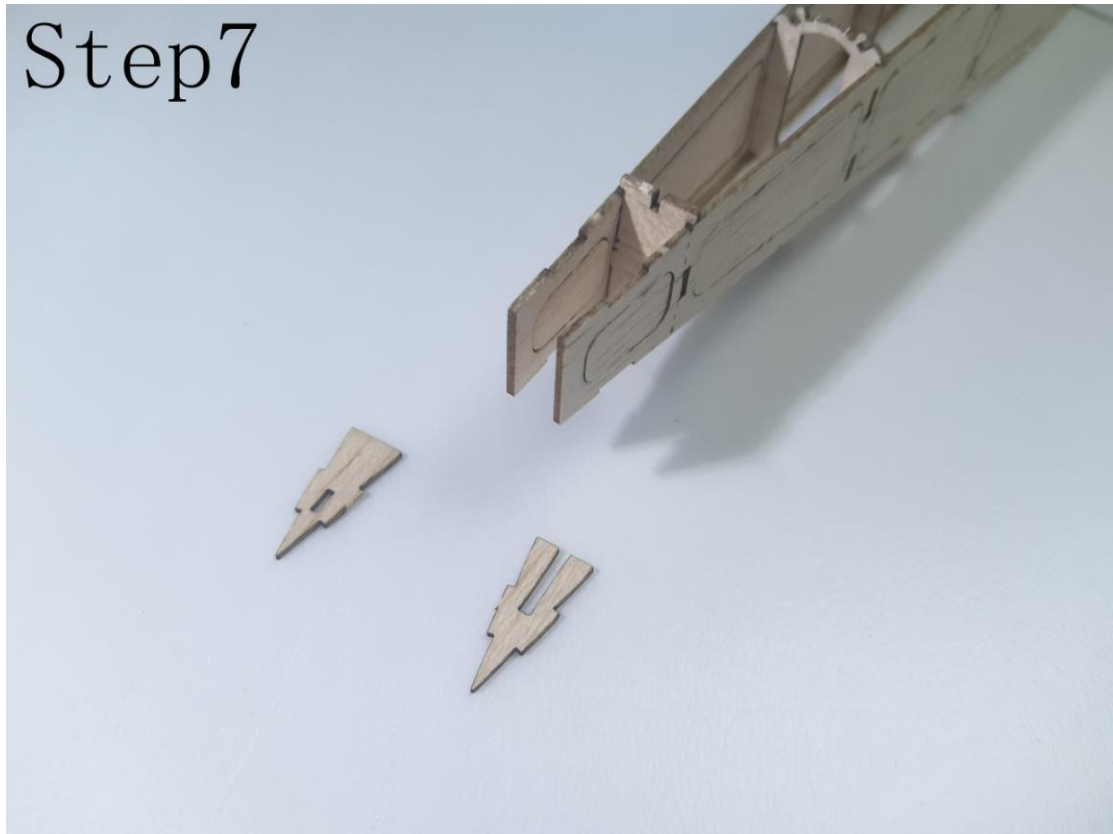
# Step5



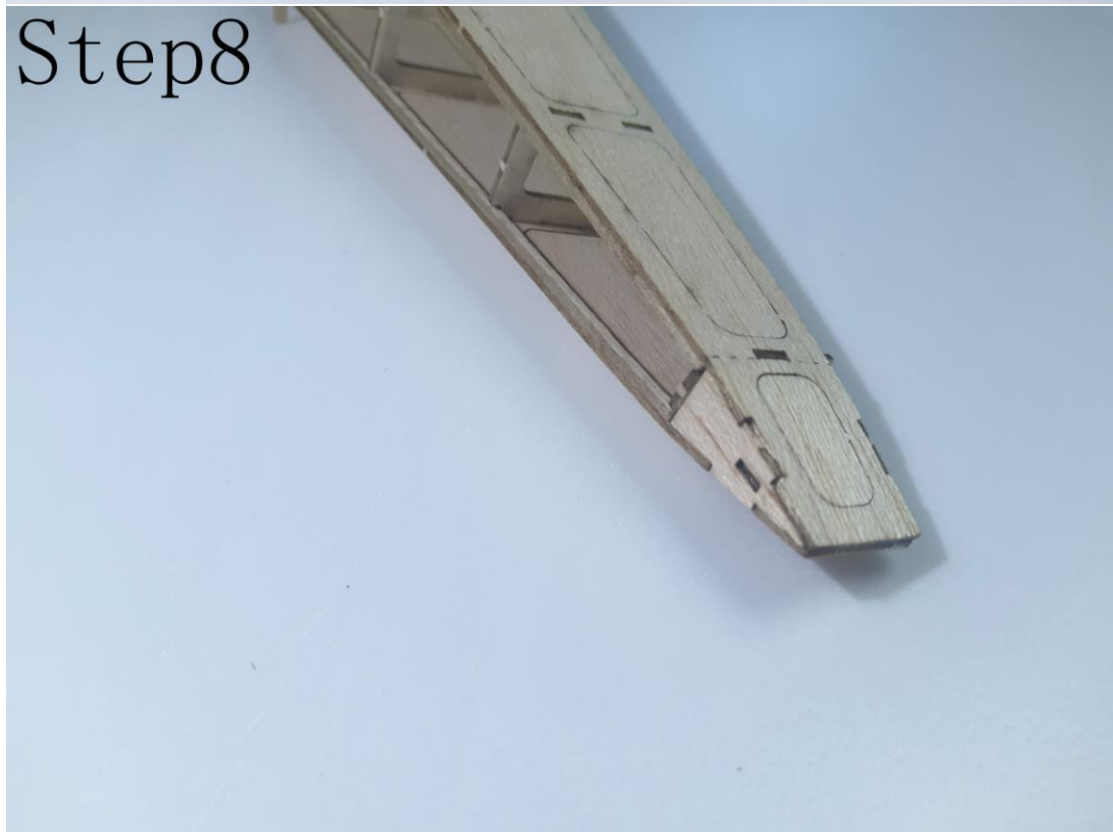
# Step6



Step7



Step8

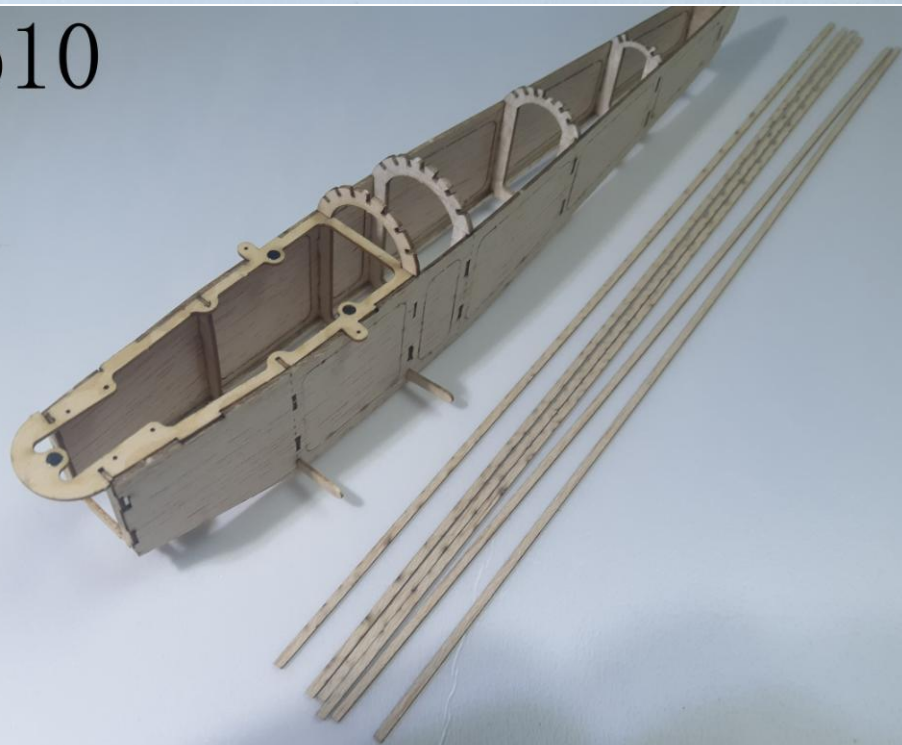




Step9



Step10



Strips from 1mm balsa sheets

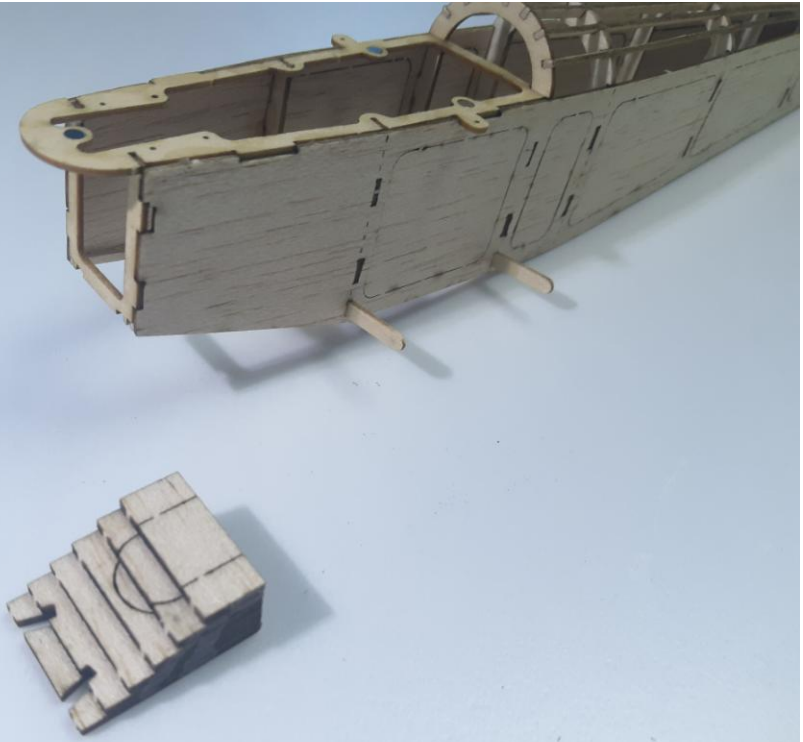
Step11



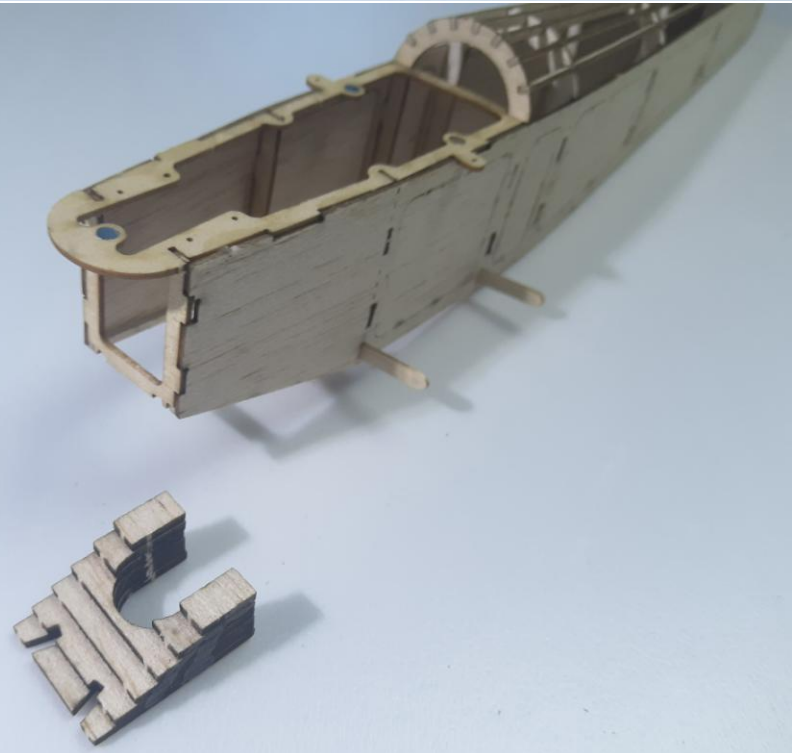
Step12



Step13



Step14





# Step15



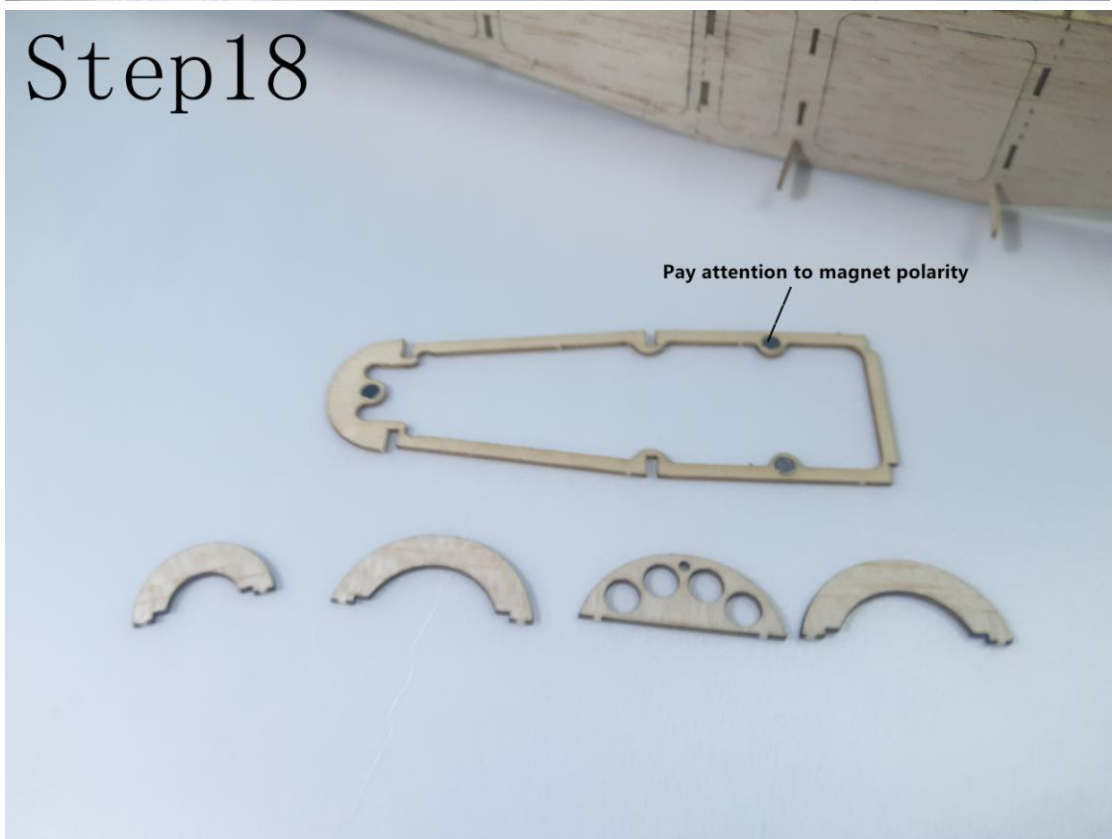
Sand it carefully



# Step16



Step17



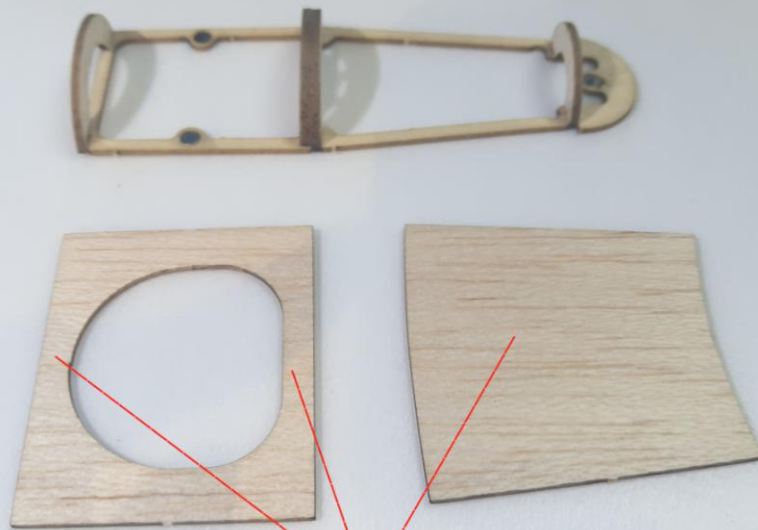
Step18

Pay attention to magnet polarity

# Step19



# Step20



Please wet here using water

Step21



Step22

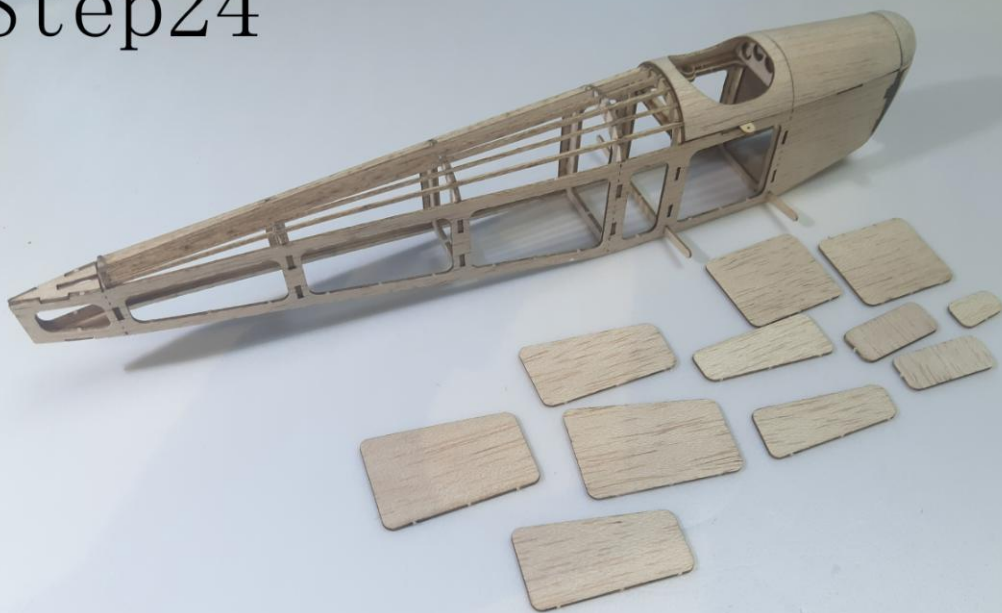


# Step23



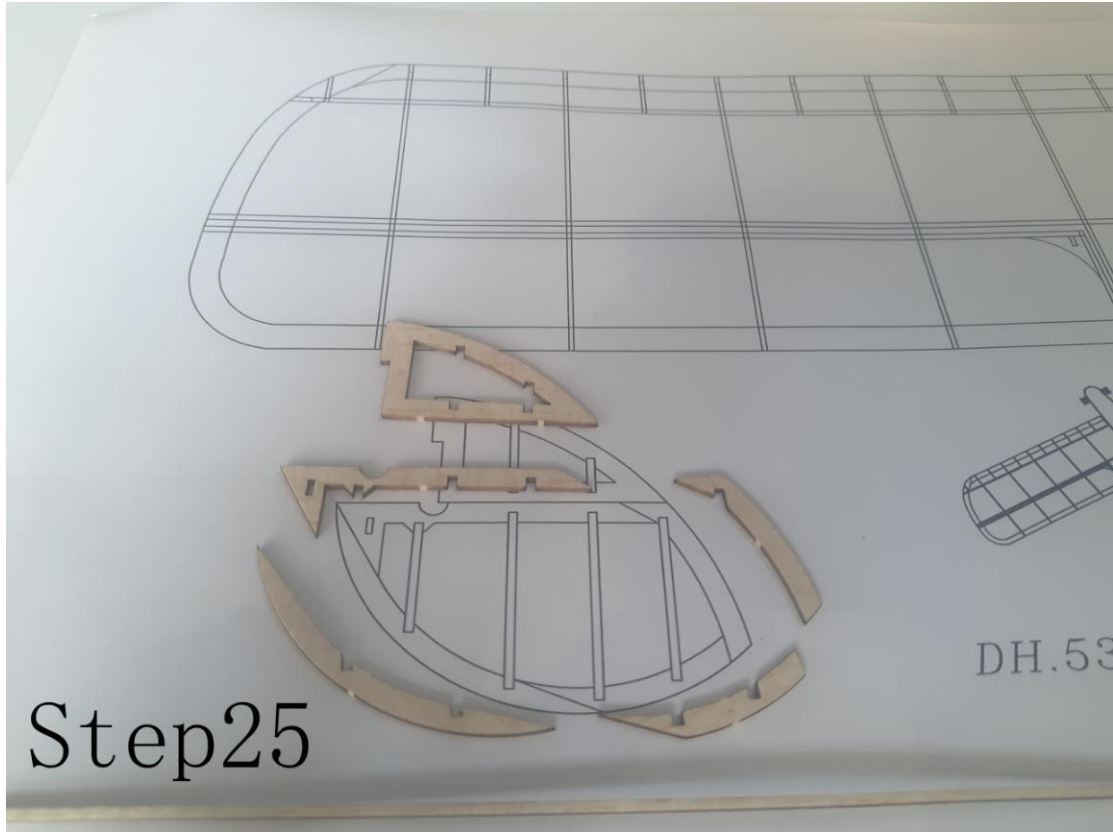
Polish here carefully

# Step24



Cut out these parts



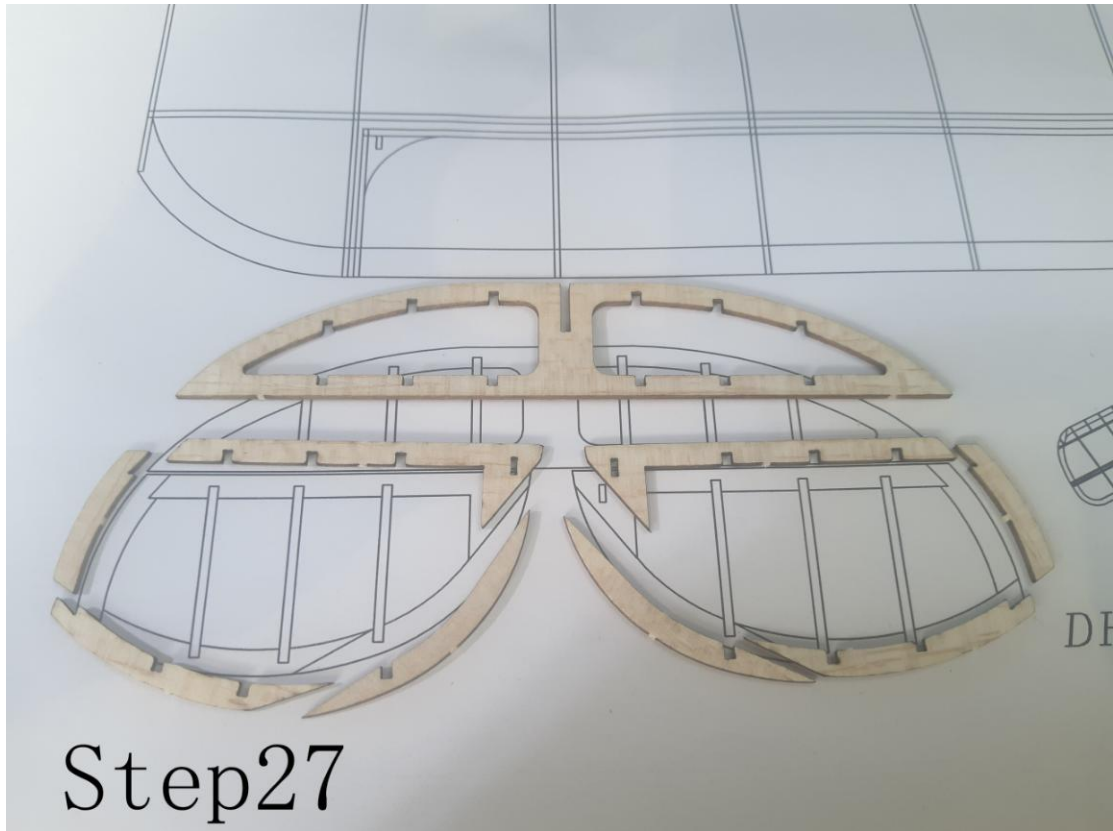


Step25

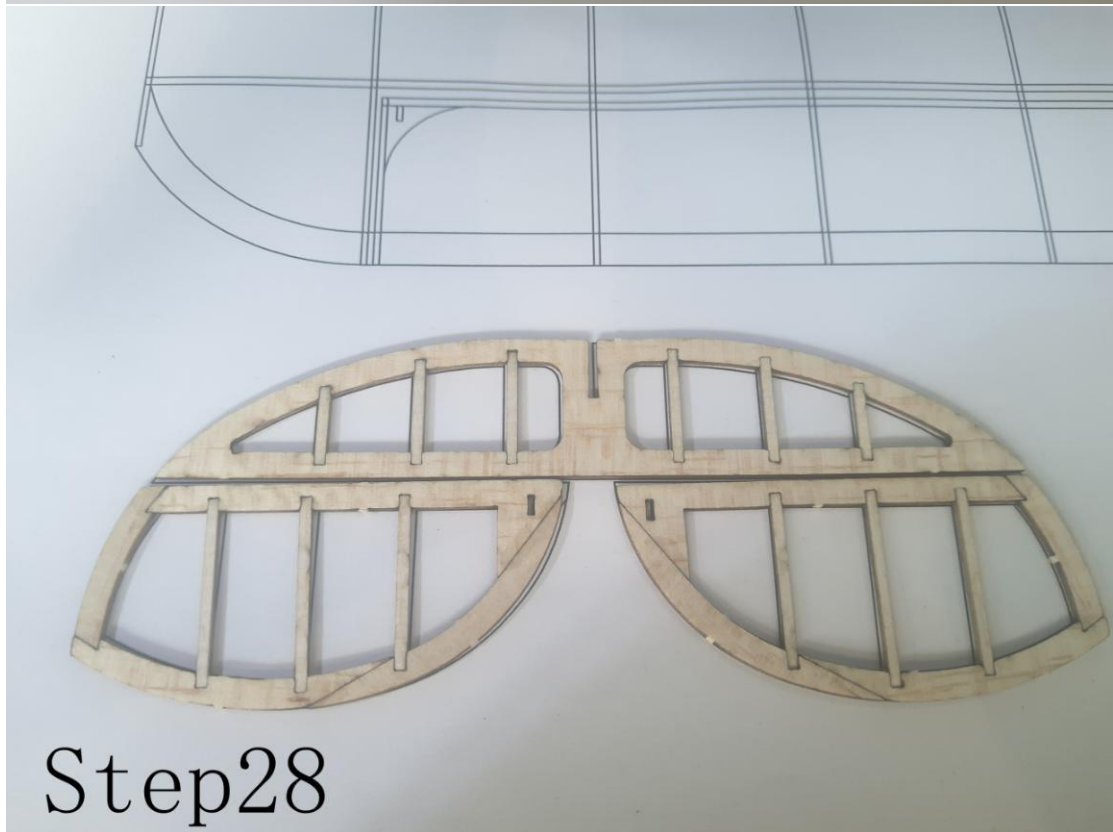
DH.53

# Step26





Step27



Step28

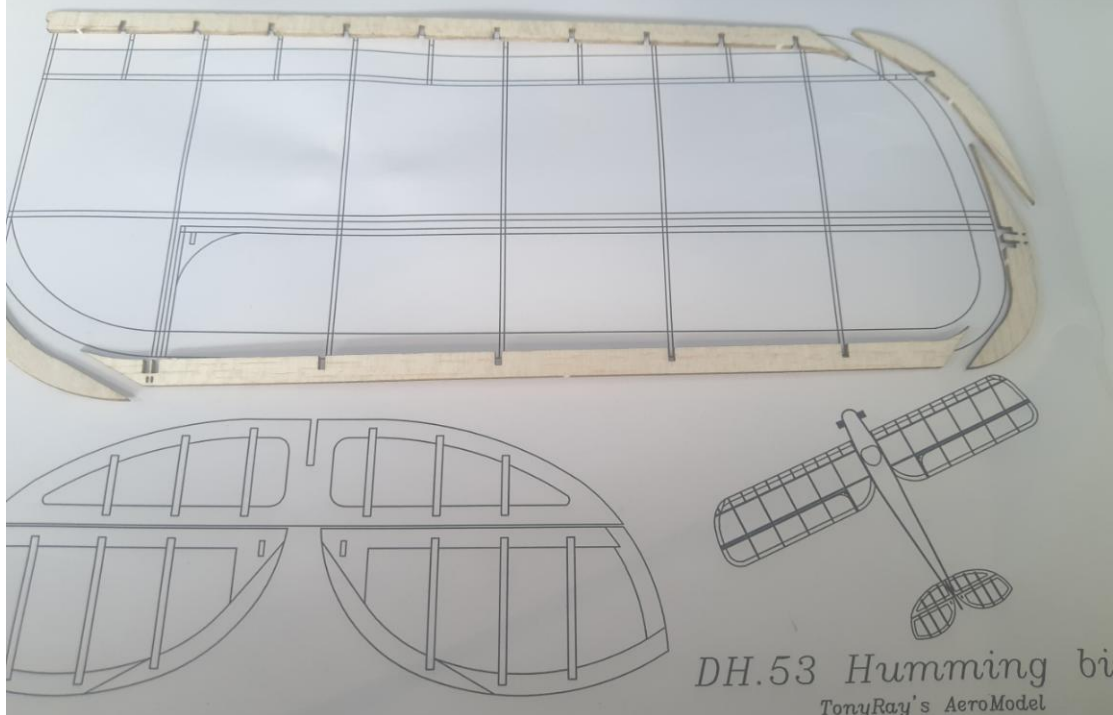
Step29



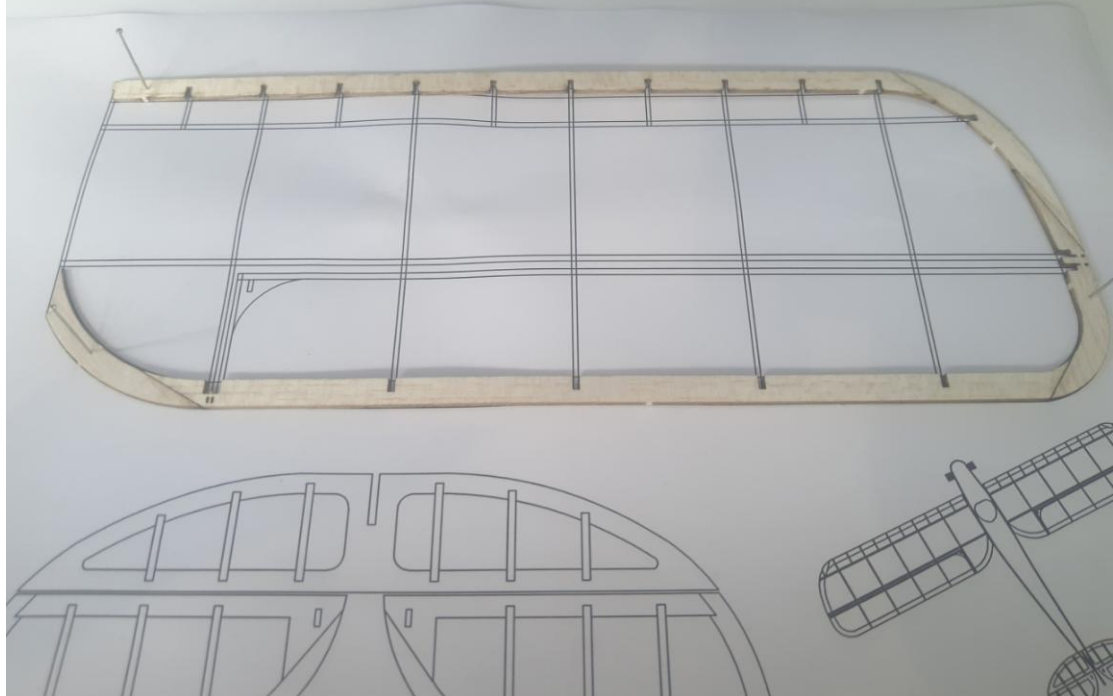
Step30



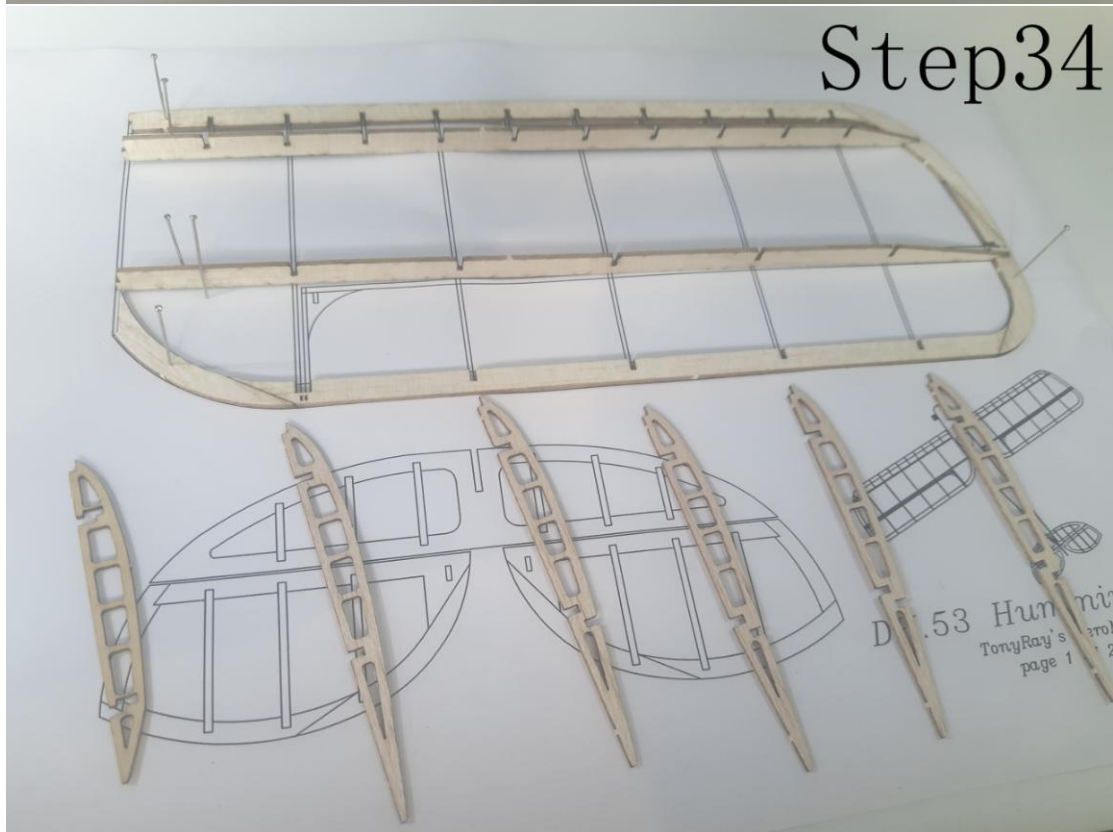
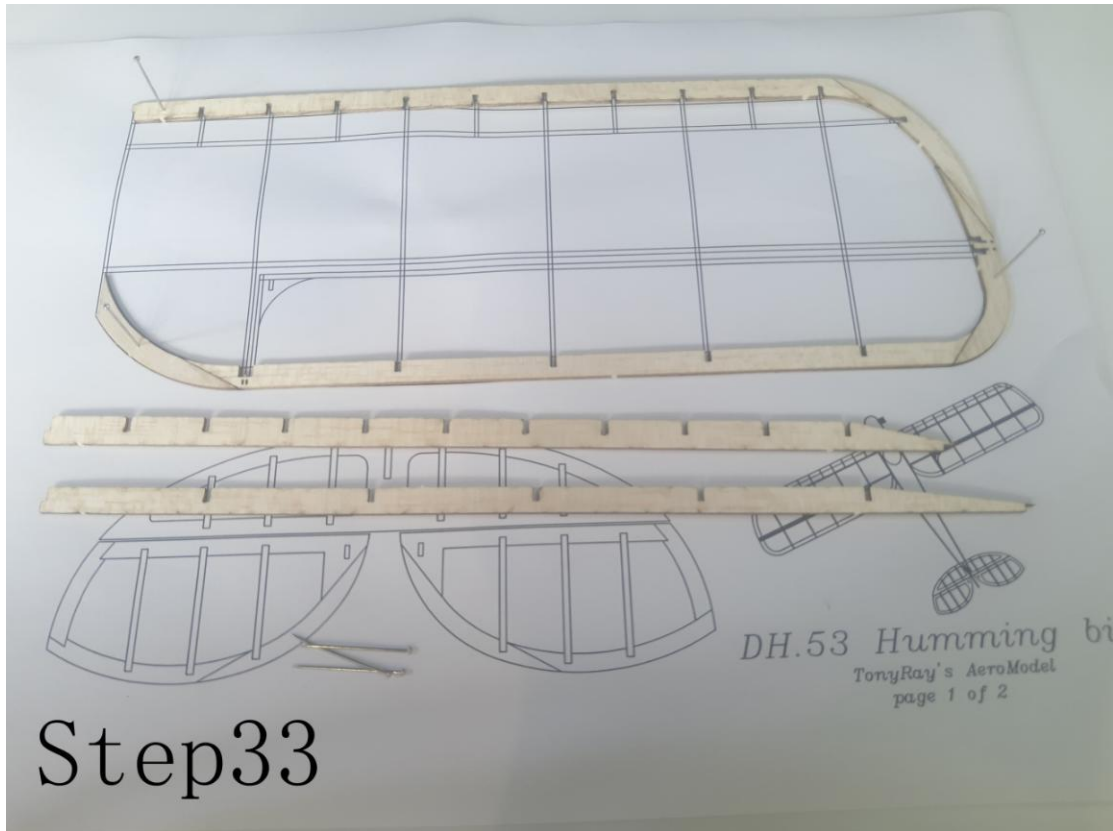
# Step31



# Step32









Step35



Step36

Step37



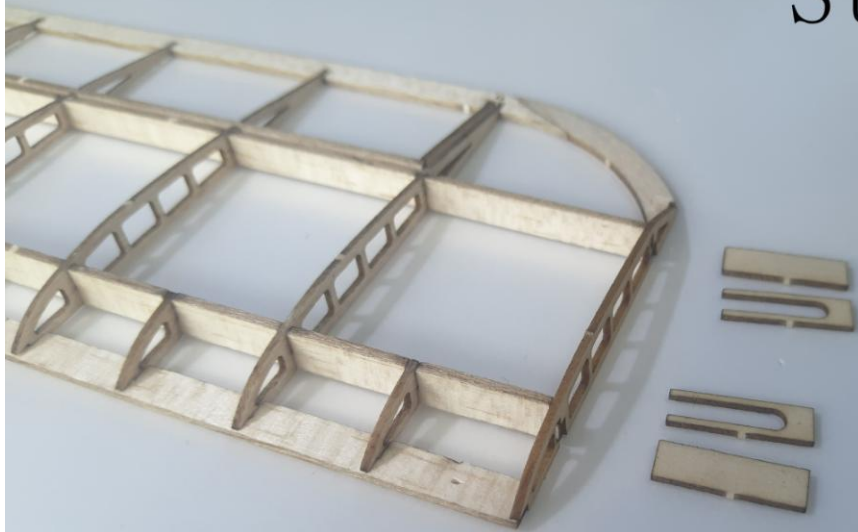
Step38

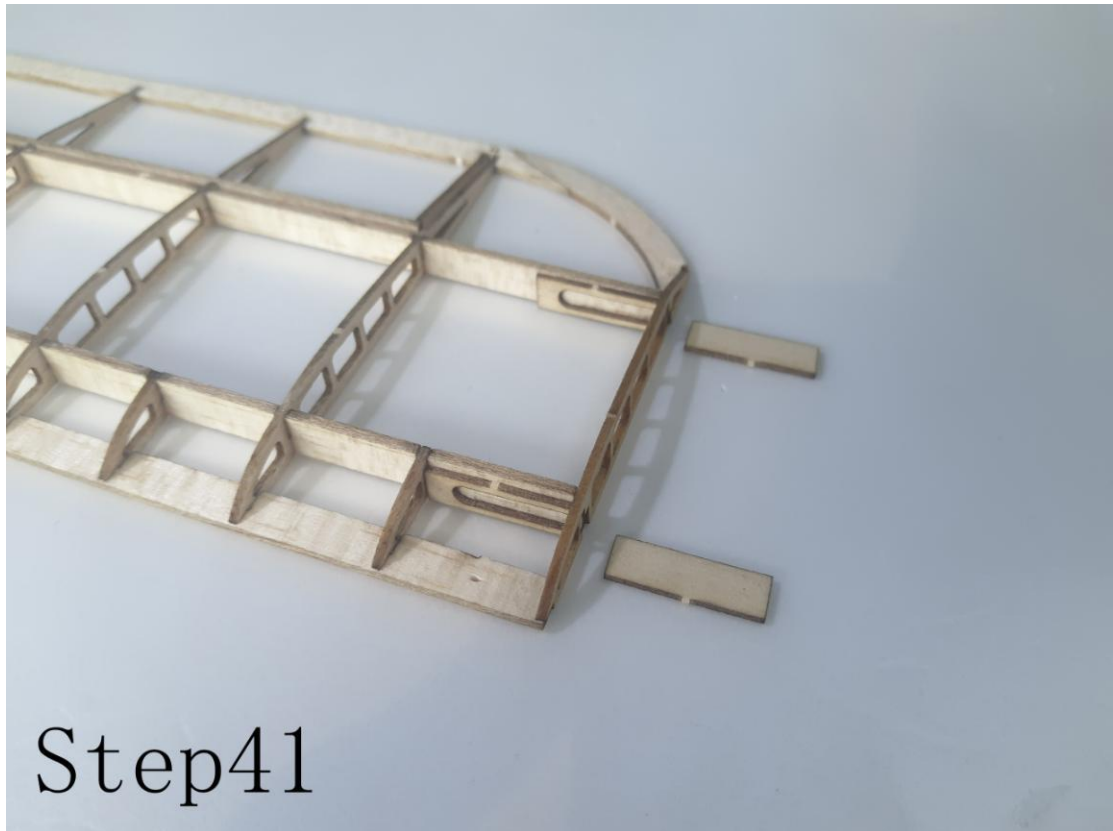


Step39



Step40



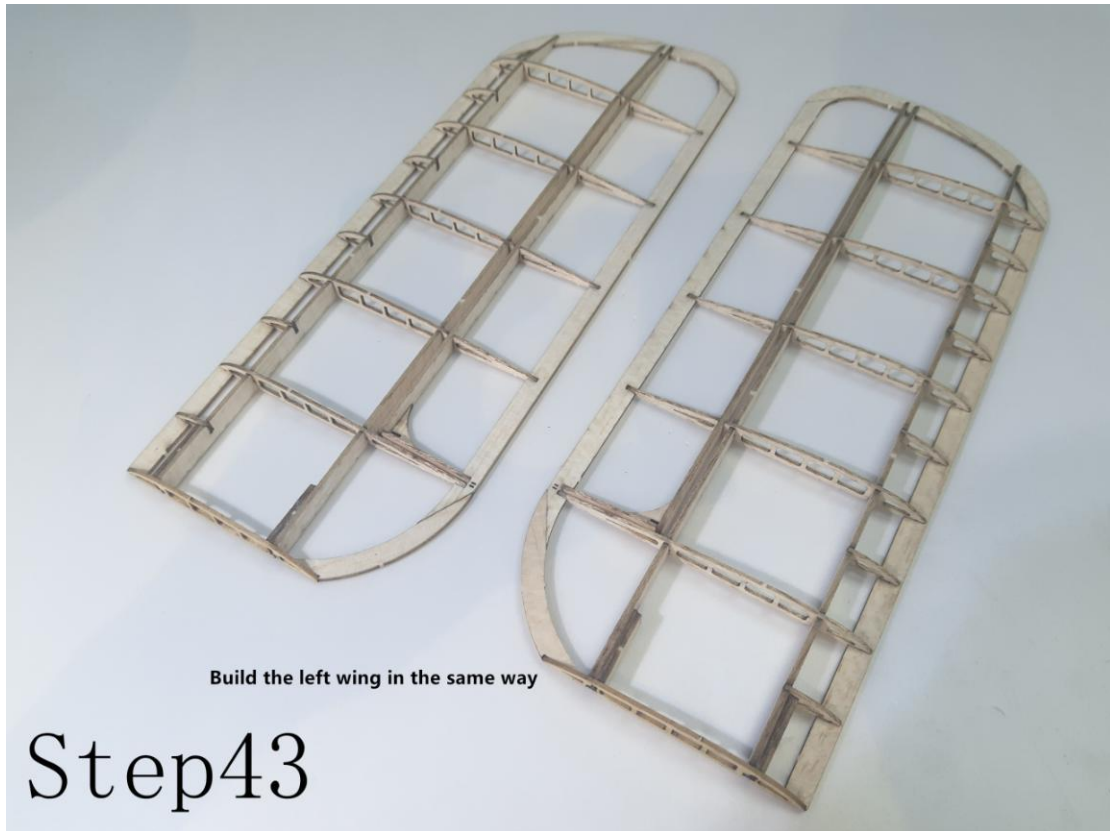


Step41



Step42

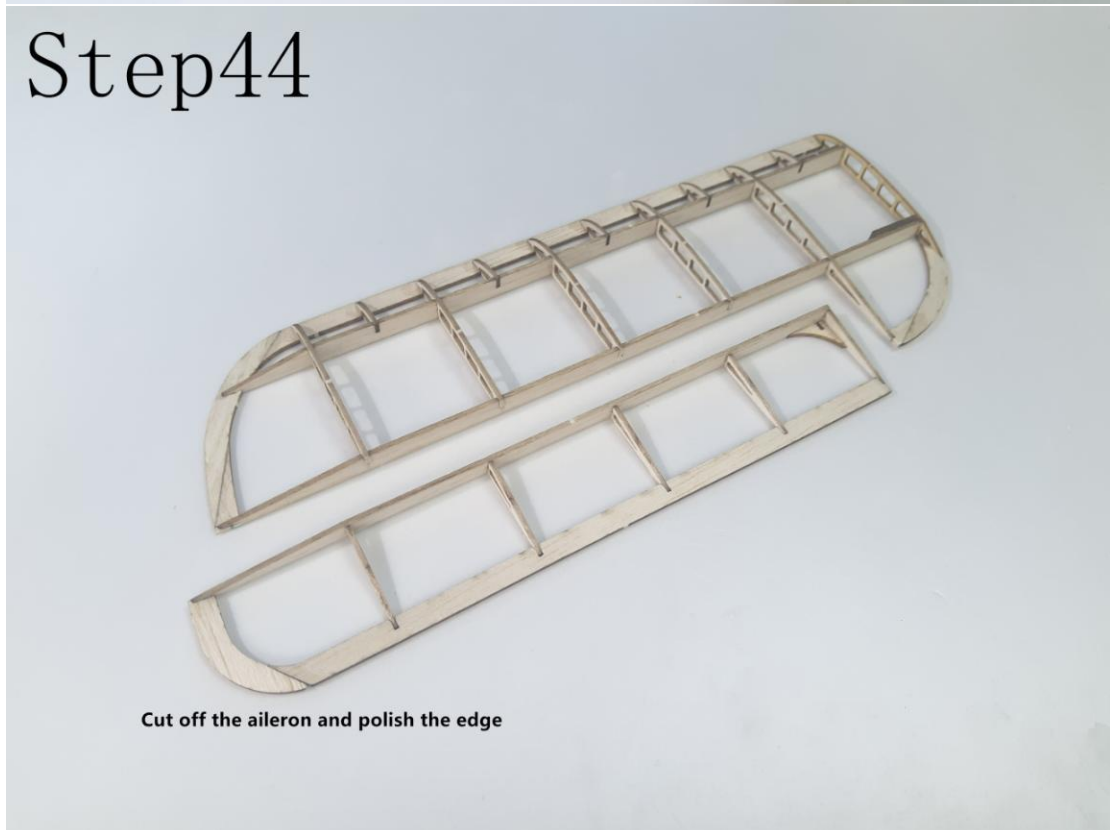




Build the left wing in the same way

# Step43

# Step44



Cut off the aileron and polish the edge

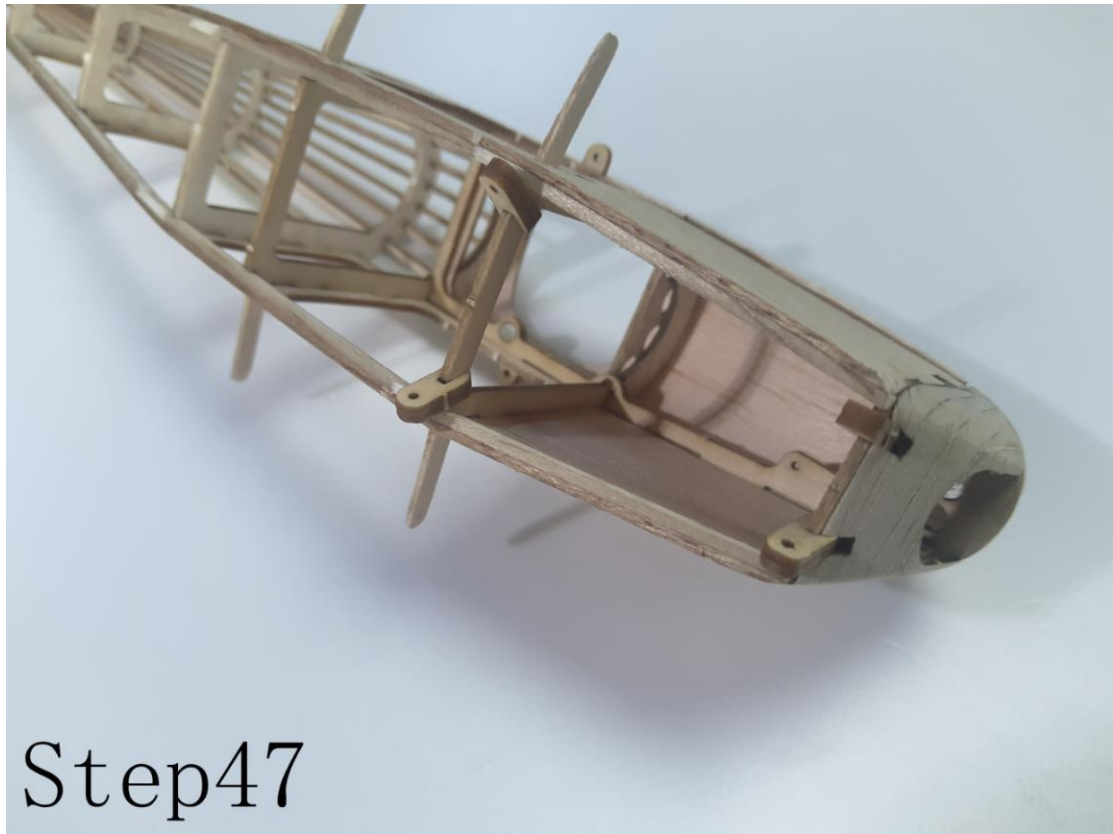
**Attention: This plane suitable for both 3ch and 4ch flying, if you prefer to 3ch flying, please don't cut off the aileron.**

Step45



Step46



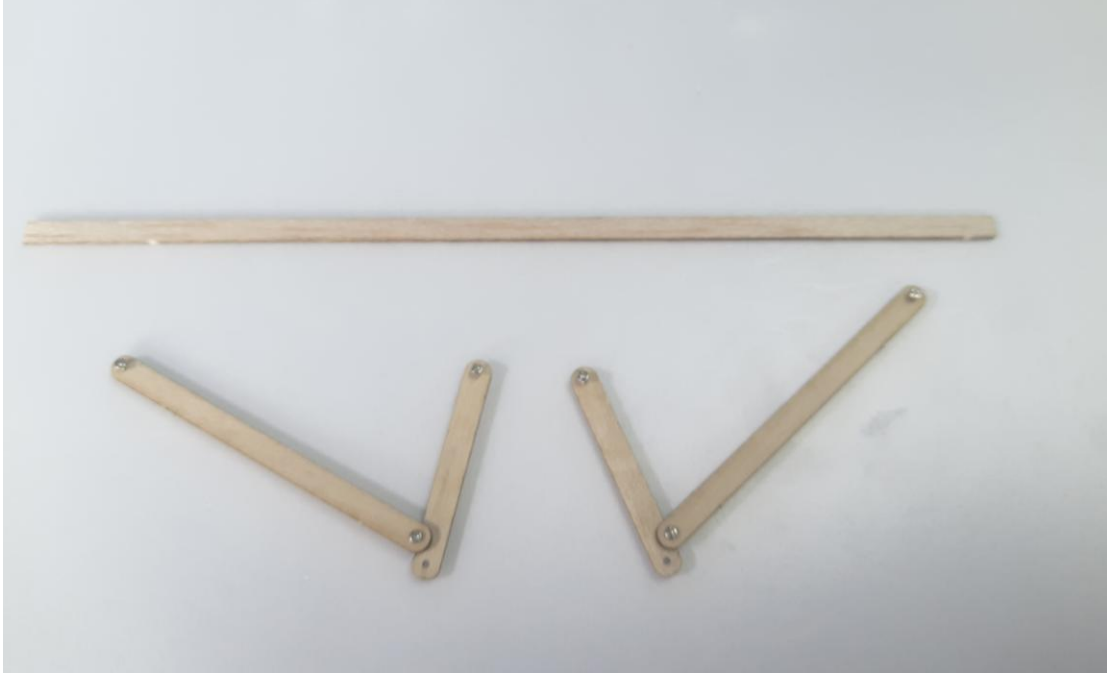


Step47

Step48

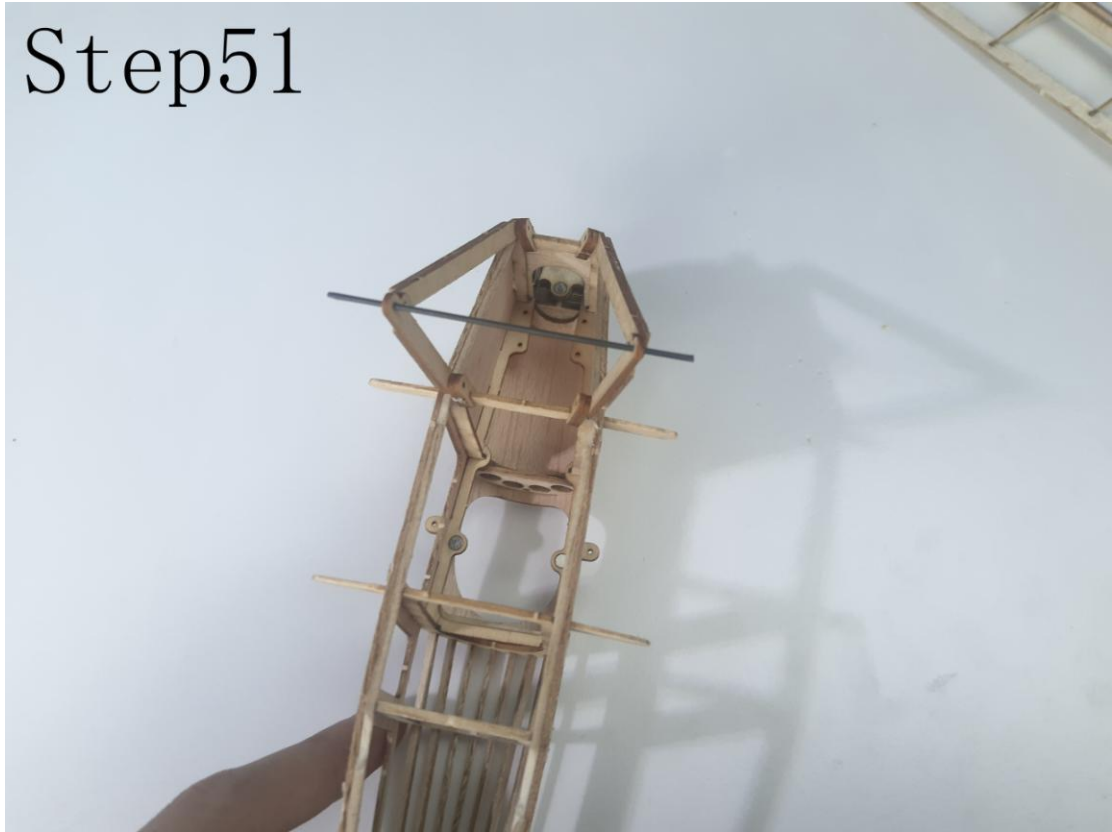


Step49



Step50

Step51



Step52





Step53



Step54



# Step55



# Step56

Shrinkable tube here

Step57



Step58

Step59



Step60



Step61



Step62



Step63



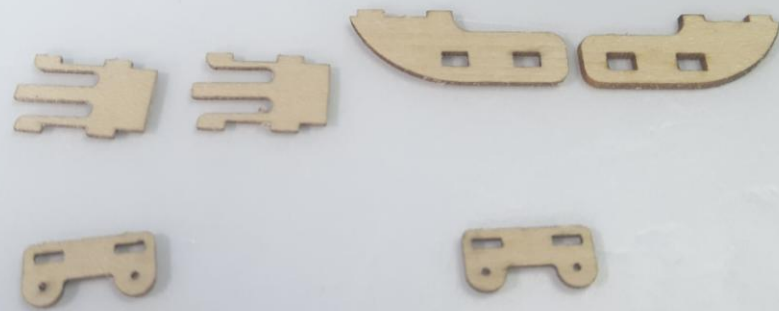
Step64



# Step65



Step66

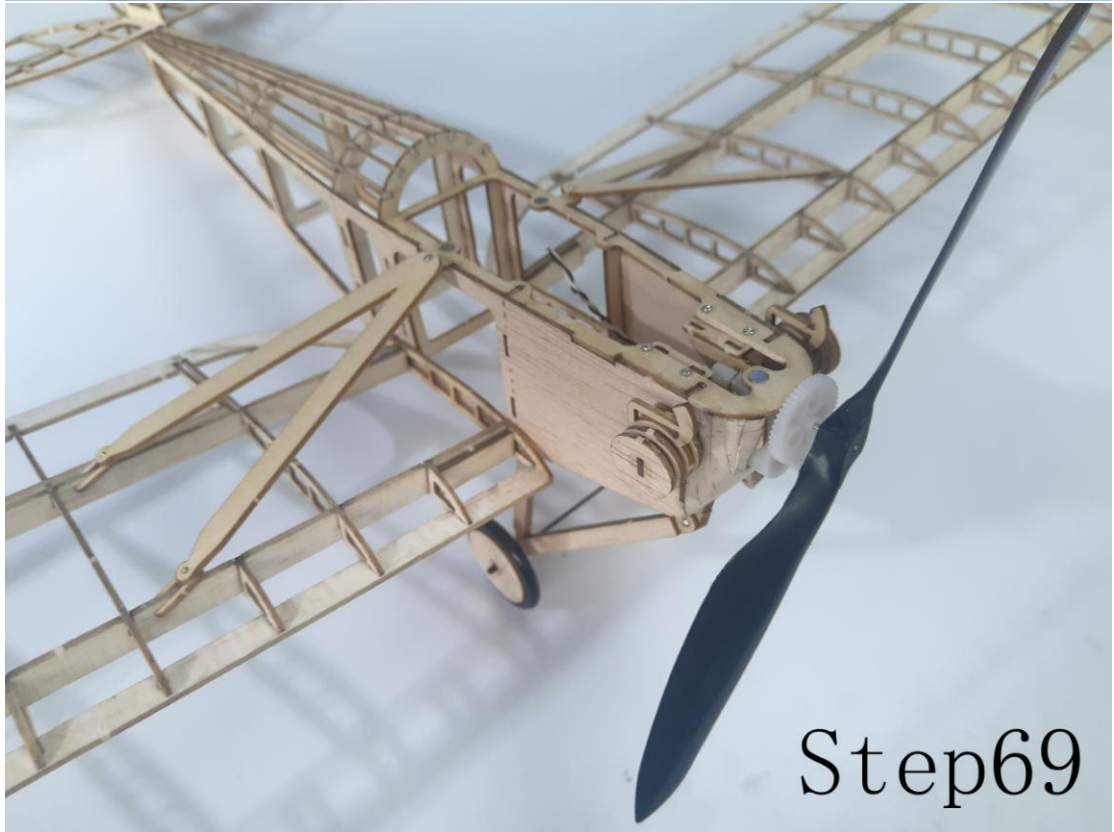


Step67





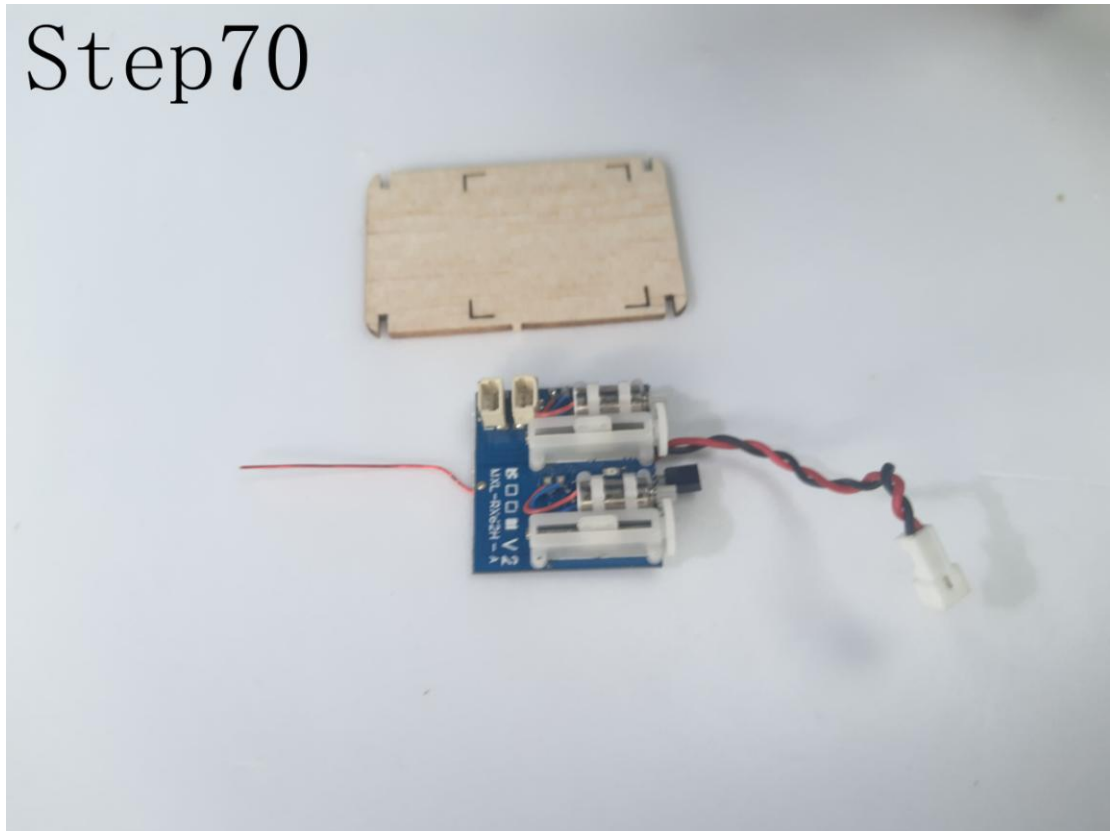
Step68



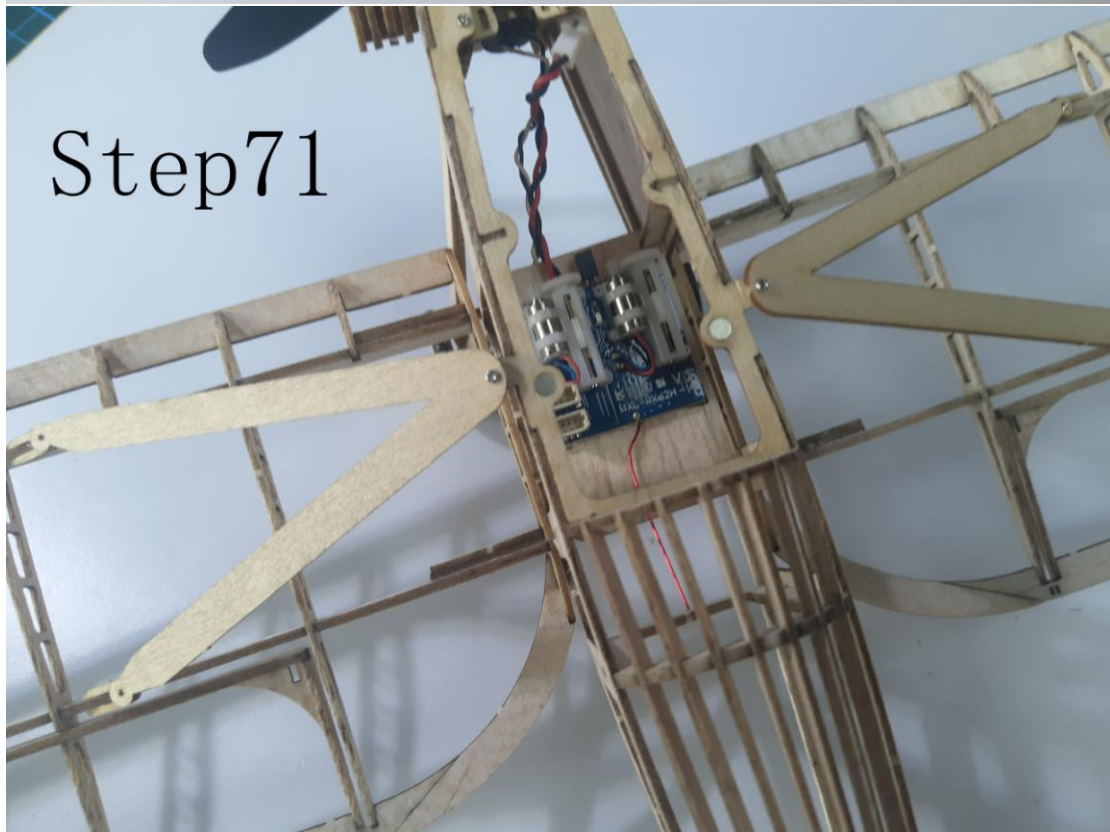
Step69



Step70



Step71







***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](mailto:2721100643@qq.com)**