

ASCEND HOBBIES

KILO

RADIO CONTROL TRAINER BALSA AIRPLANE KIT INSTRUCTION MANUAL

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Wingspan: 1070mm

Length: 825mm

Wing Area: 22dm²

Airfoil: Symmetric Airfoil

Dihedral Angle: 0°

Flying Weight: 750~800g

Power Required: 2212 Brushless Motor

Speed Controller Required: 25~30A

Servos Required: 9g Servo × 4

Battery Required: None

Prop Required: 8 × 4

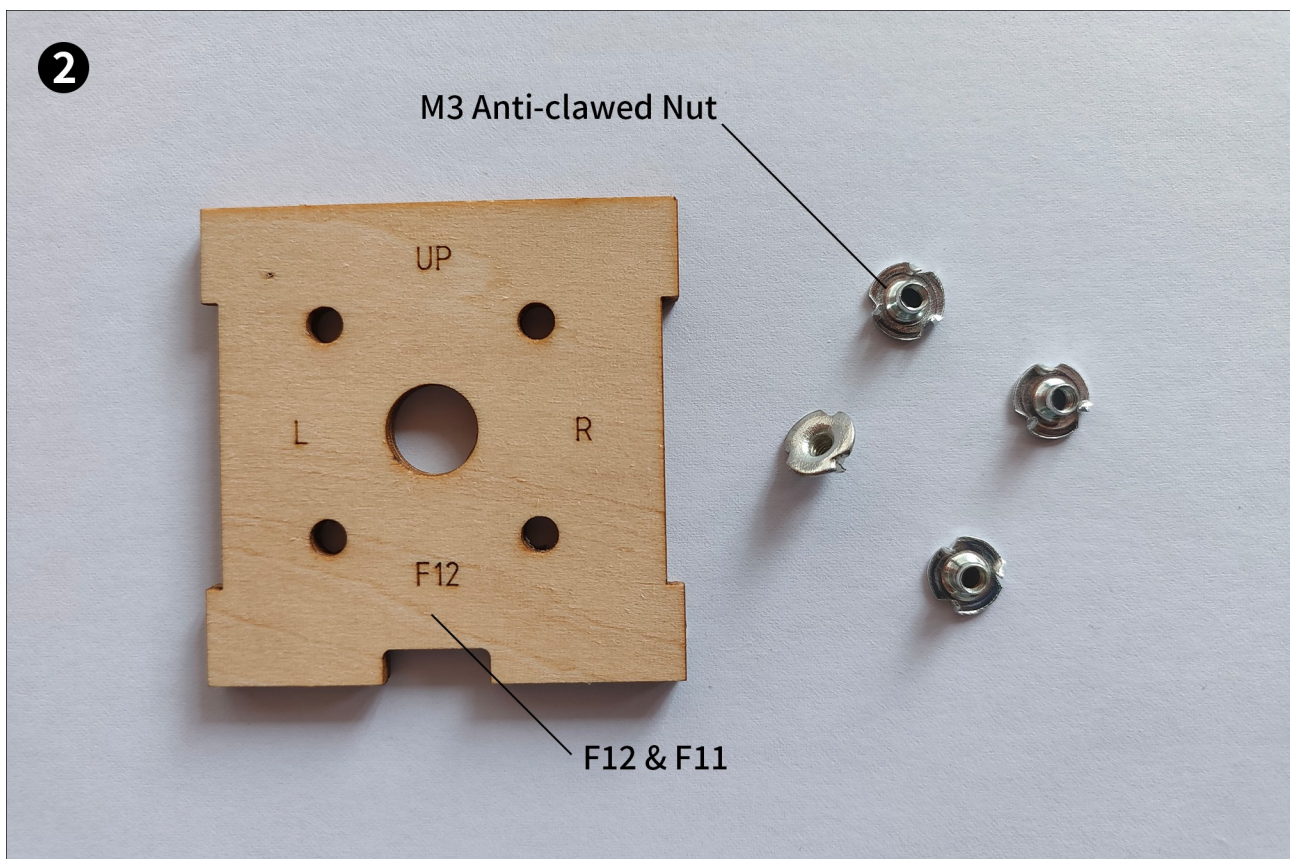
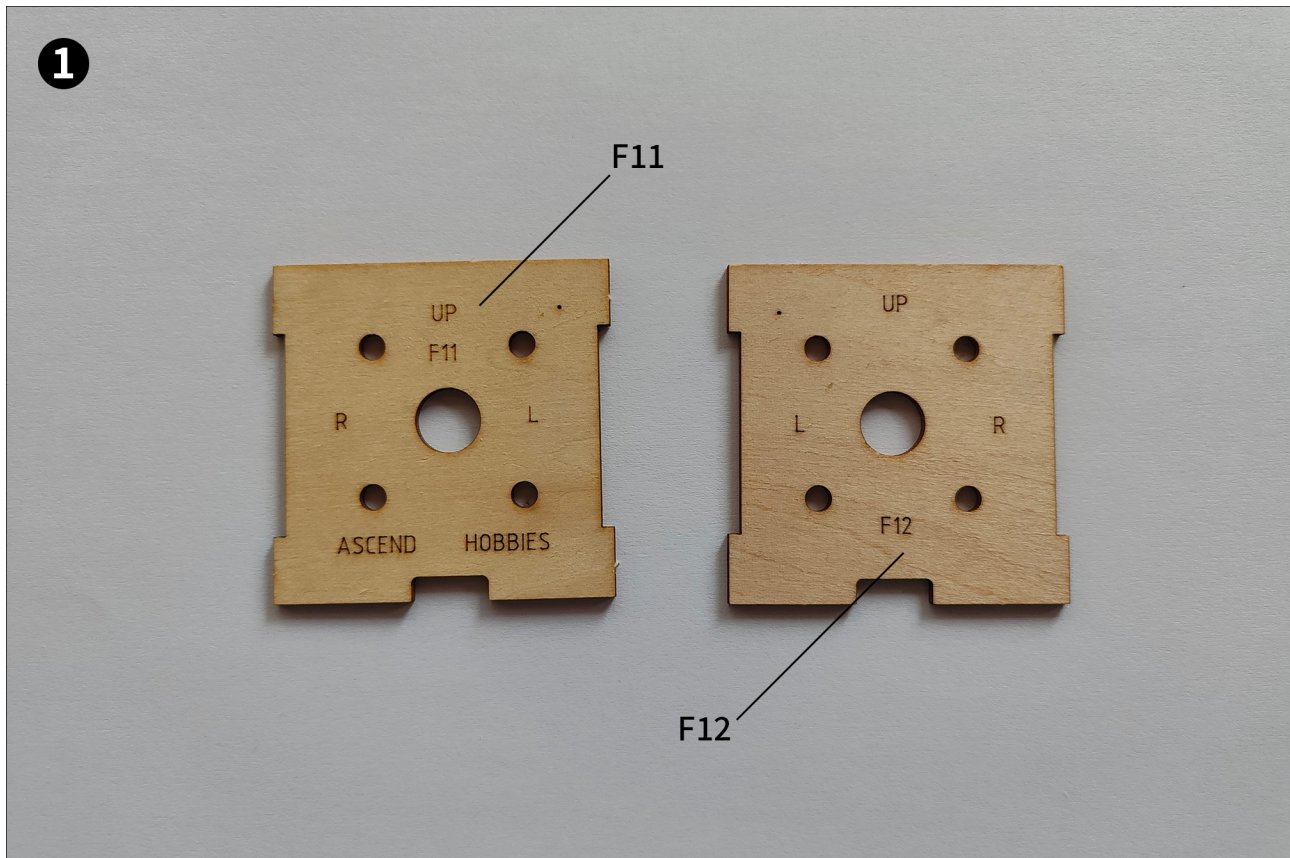
Radio Required: 4-Channel

CG (Center of Gravity): 75mm Rearward of wing leading edge

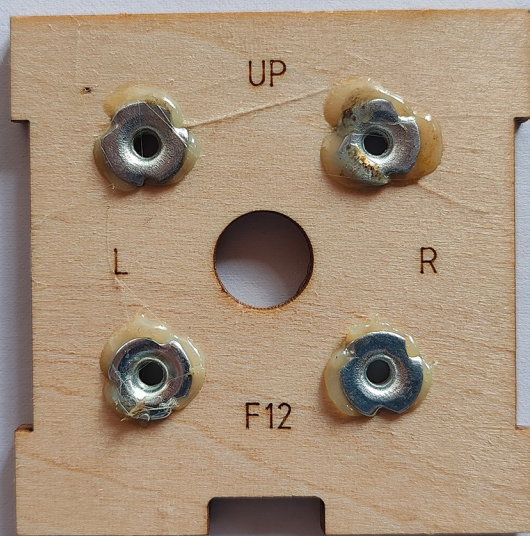
The design center of gravity (CG) is located 75mm aft of the wing leading edge. For the initial flight, the CG should be set slightly forward of the design position to ensure enhanced stability and controllability. Subsequent flights may allow for fine adjustments of the CG location in accordance with pilot preference and handling characteristics.

Note: This balsa model aircraft kit does not include covering material or any electronic equipment.

1. FUSELAGE ASSEMBLY

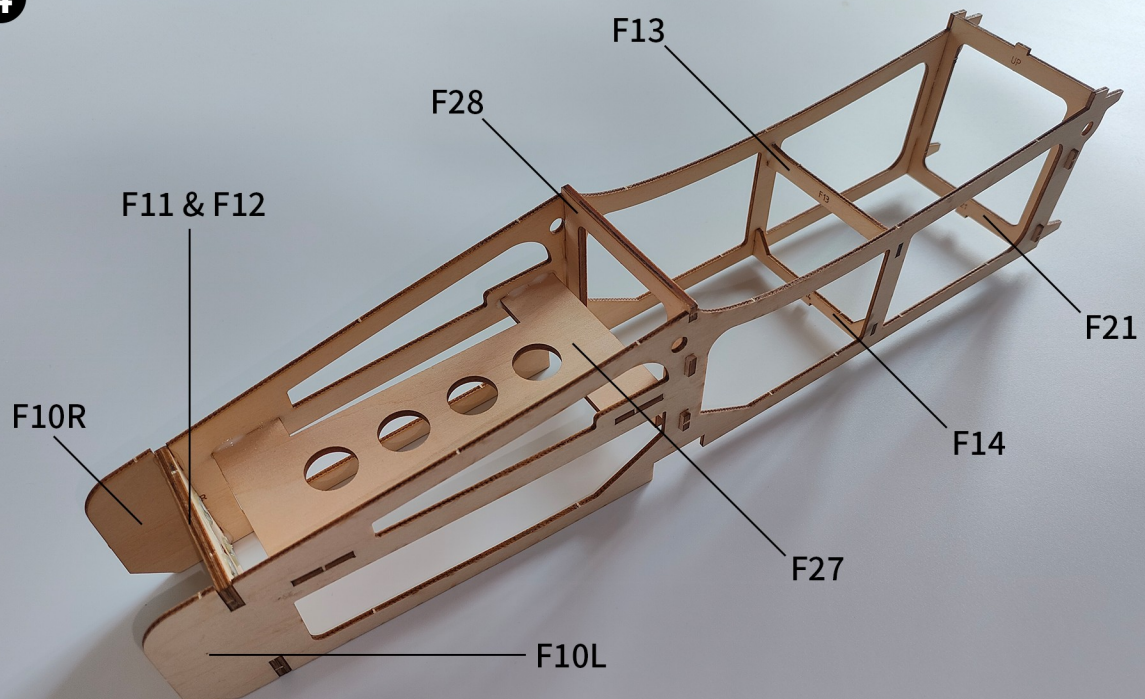


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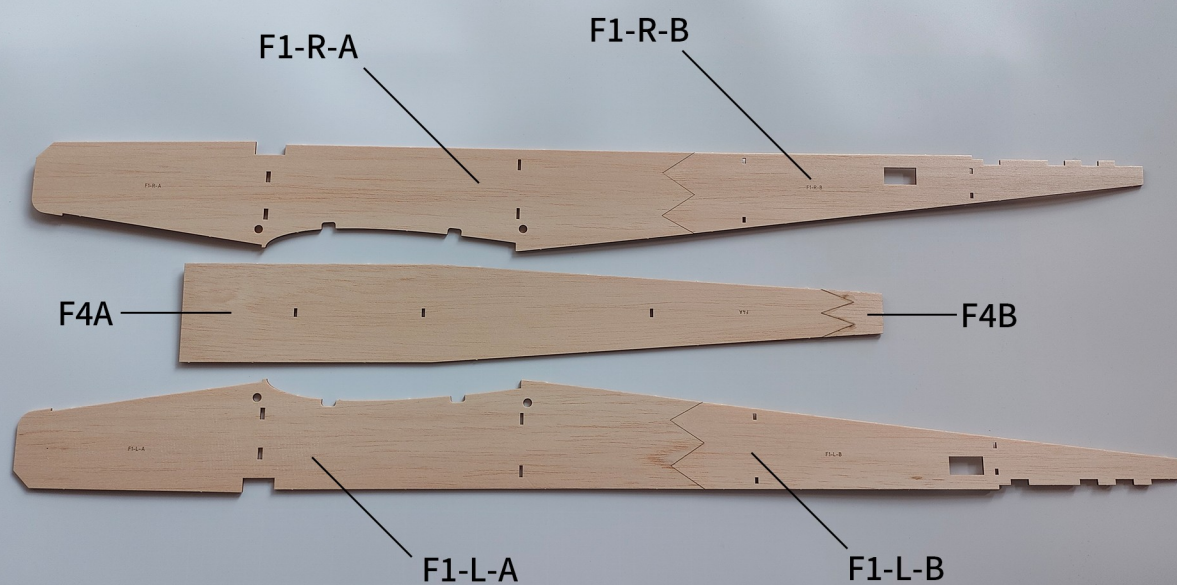


Please apply epoxy glue between plywood and claw nuts.

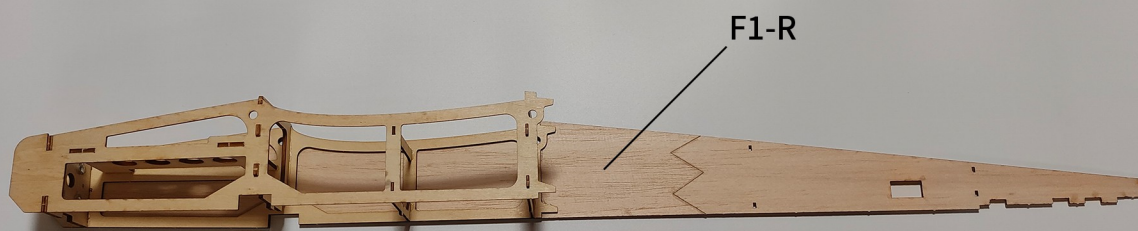
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5



6

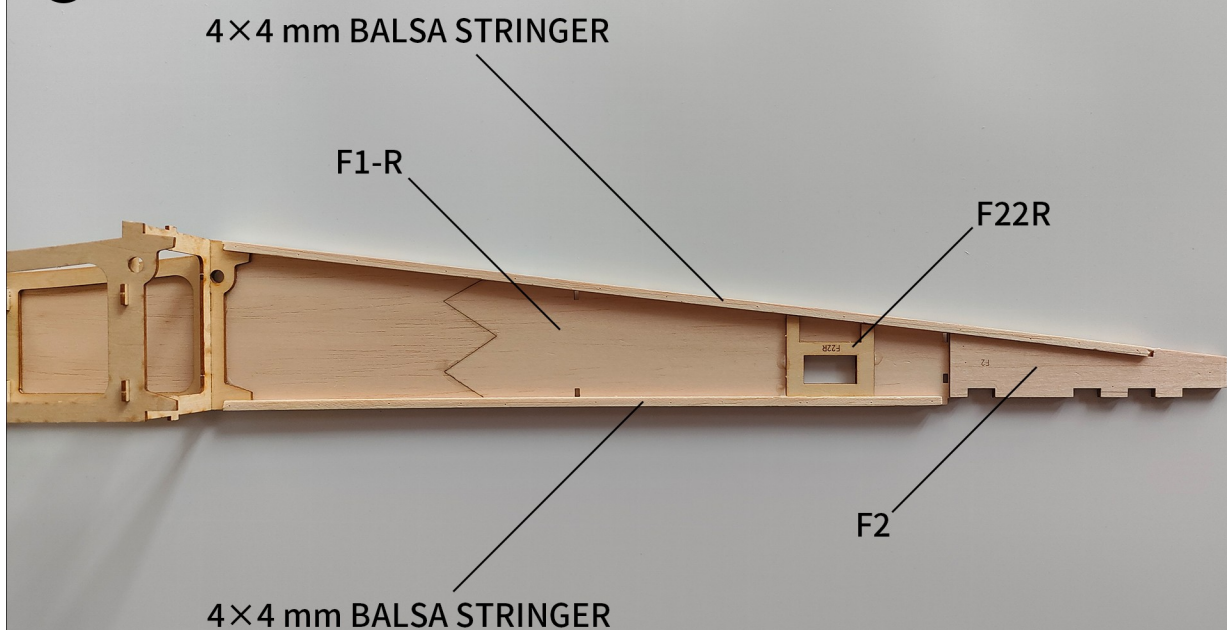


7



If the length of the wooden strips is insufficient,
please use this method for splicing.

8



9

F1-L



10

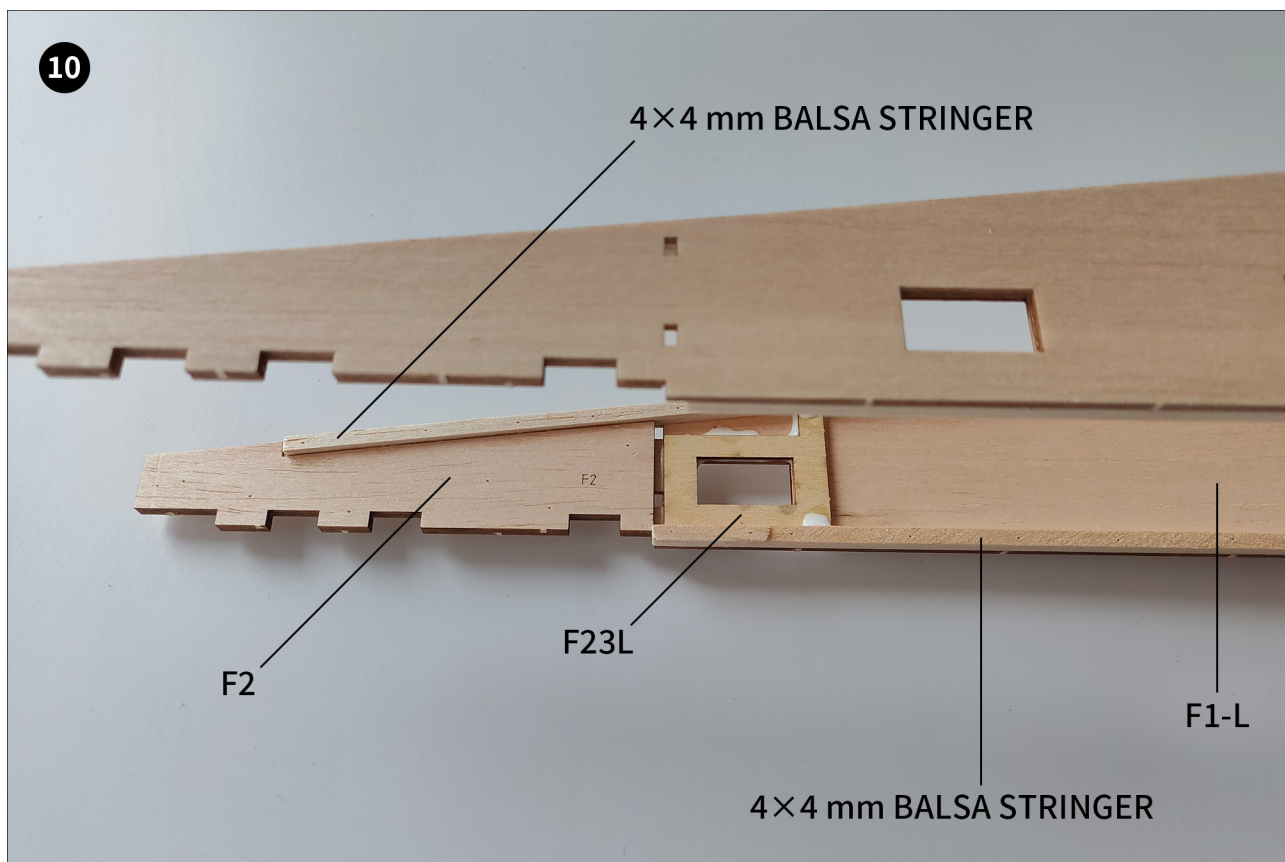
4×4 mm Balsa STRINGER

F2

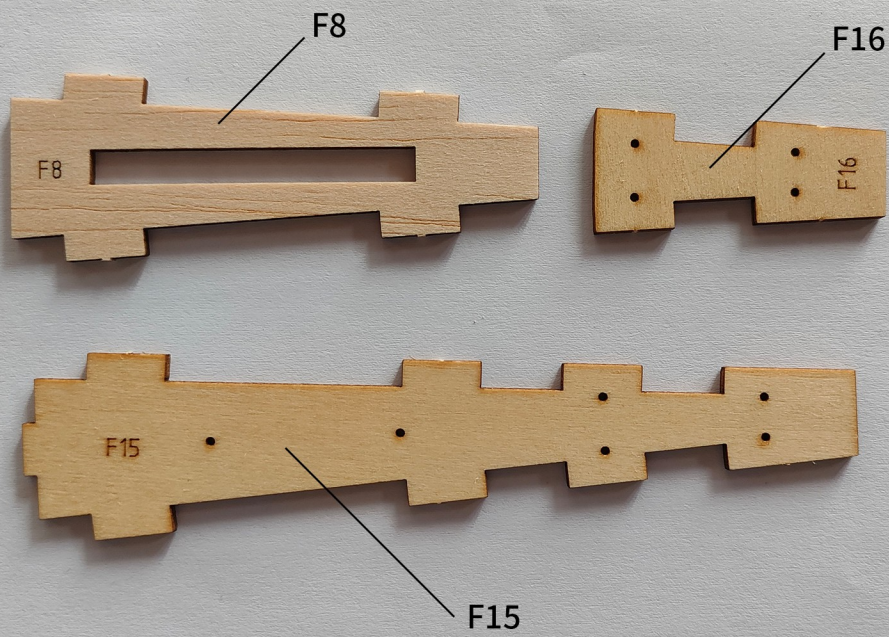
F23L

4×4 mm Balsa STRINGER

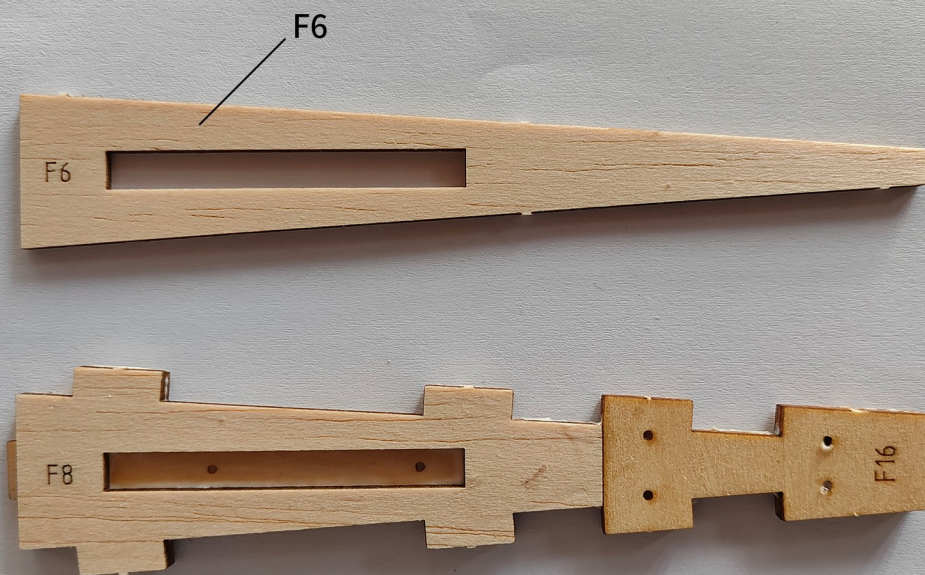
F1-L



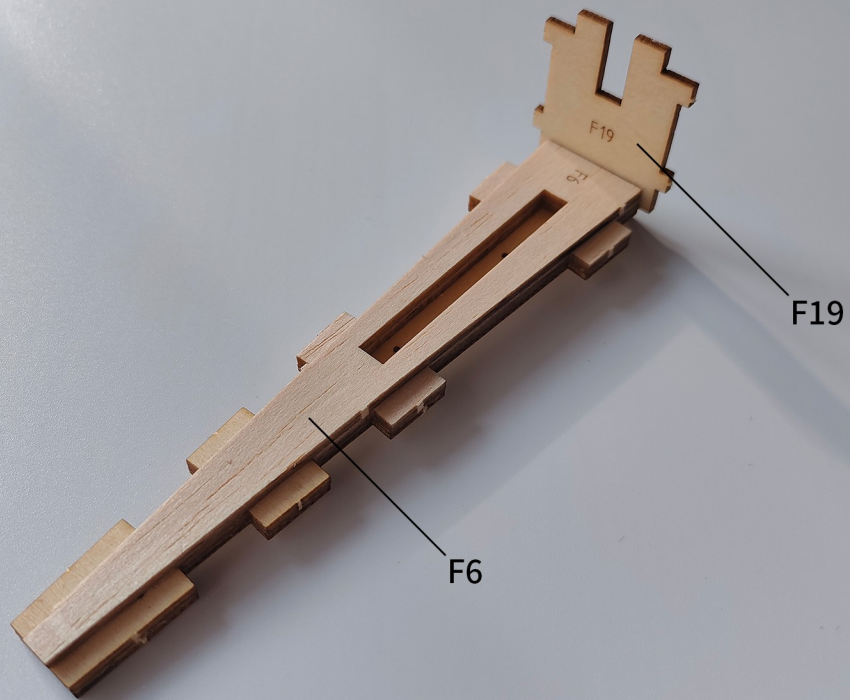
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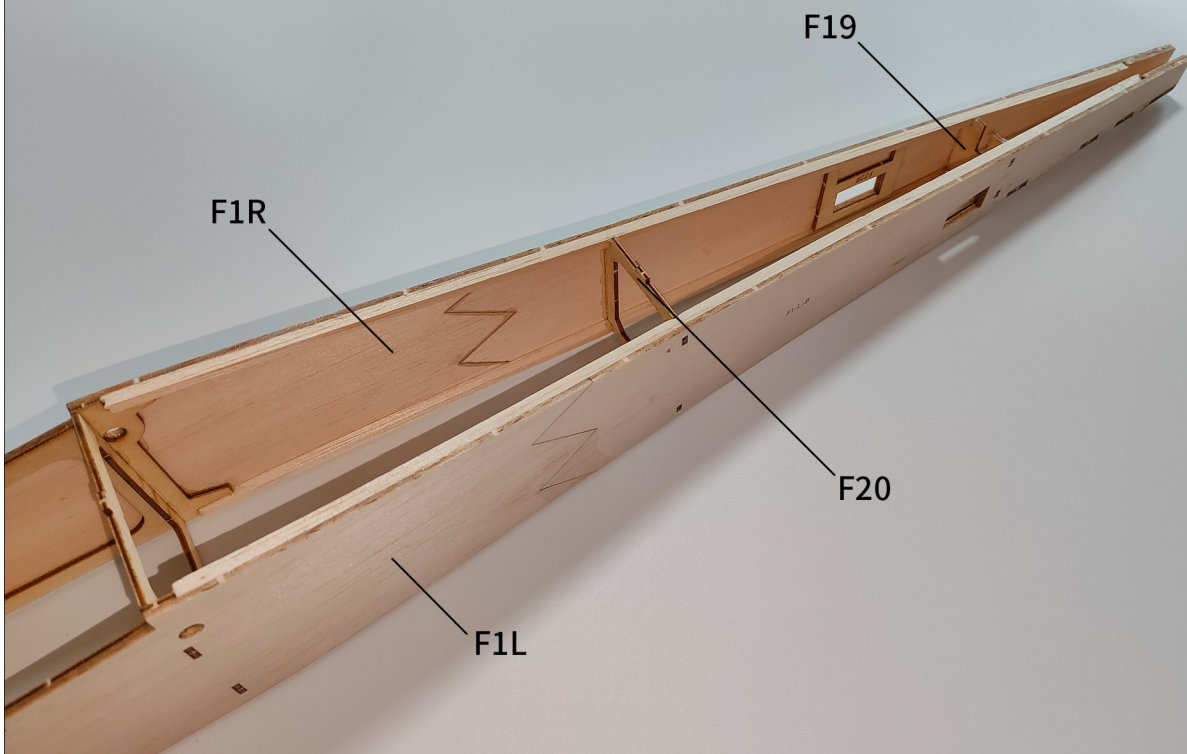
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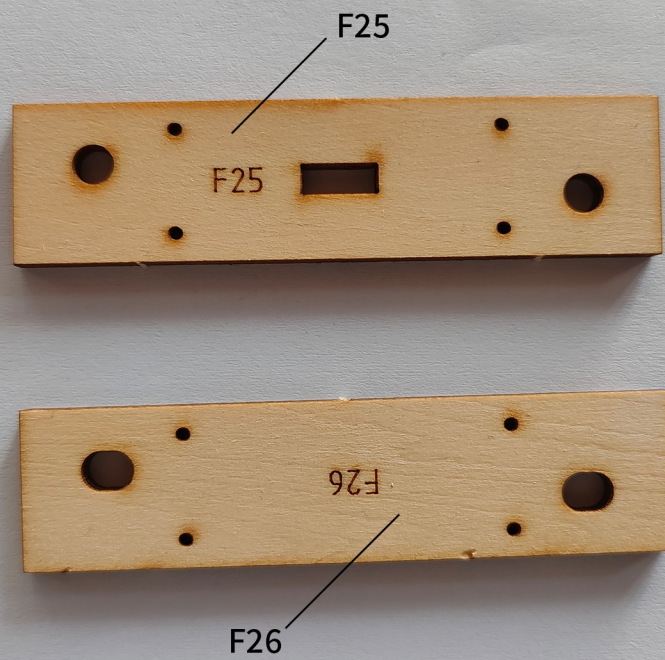
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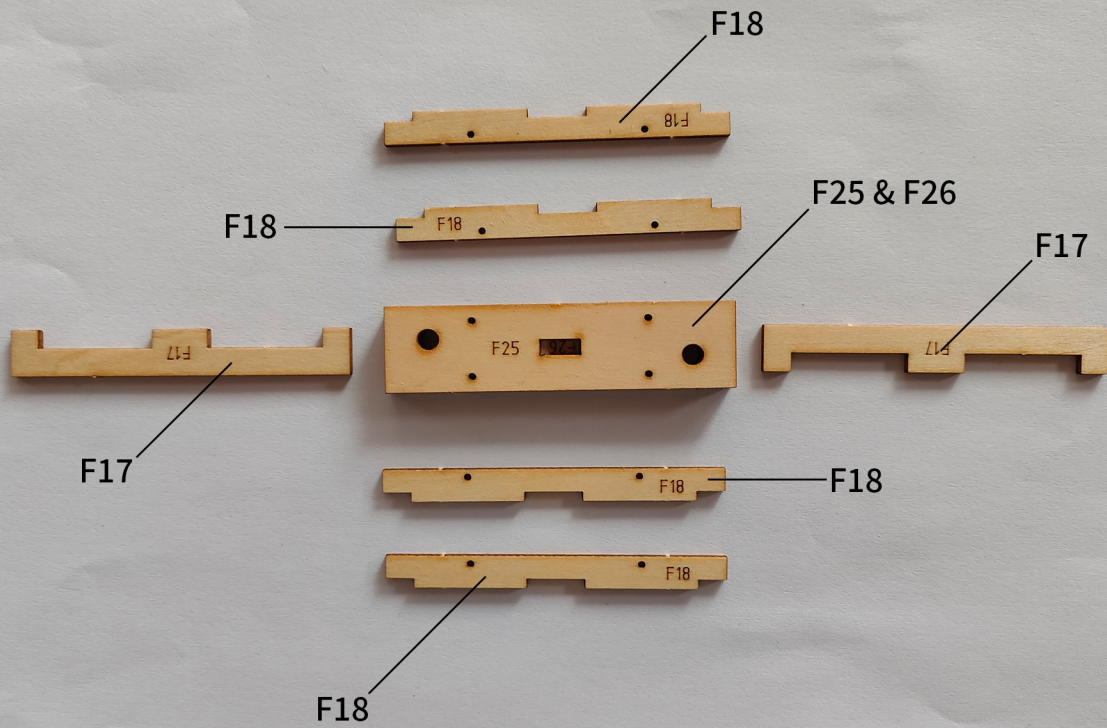
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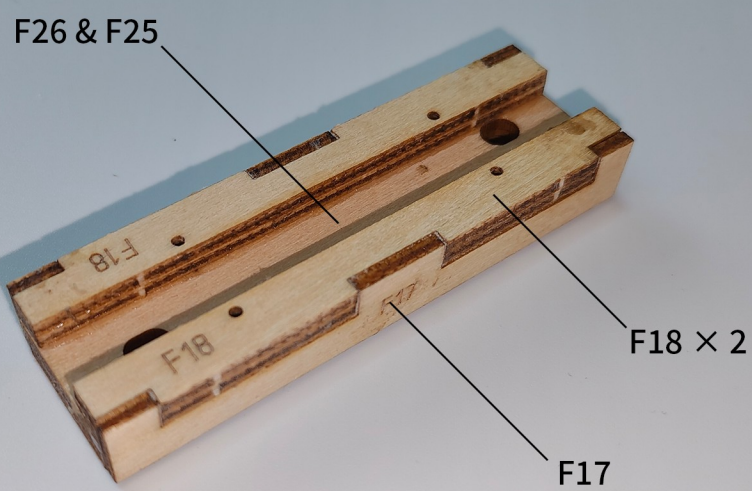
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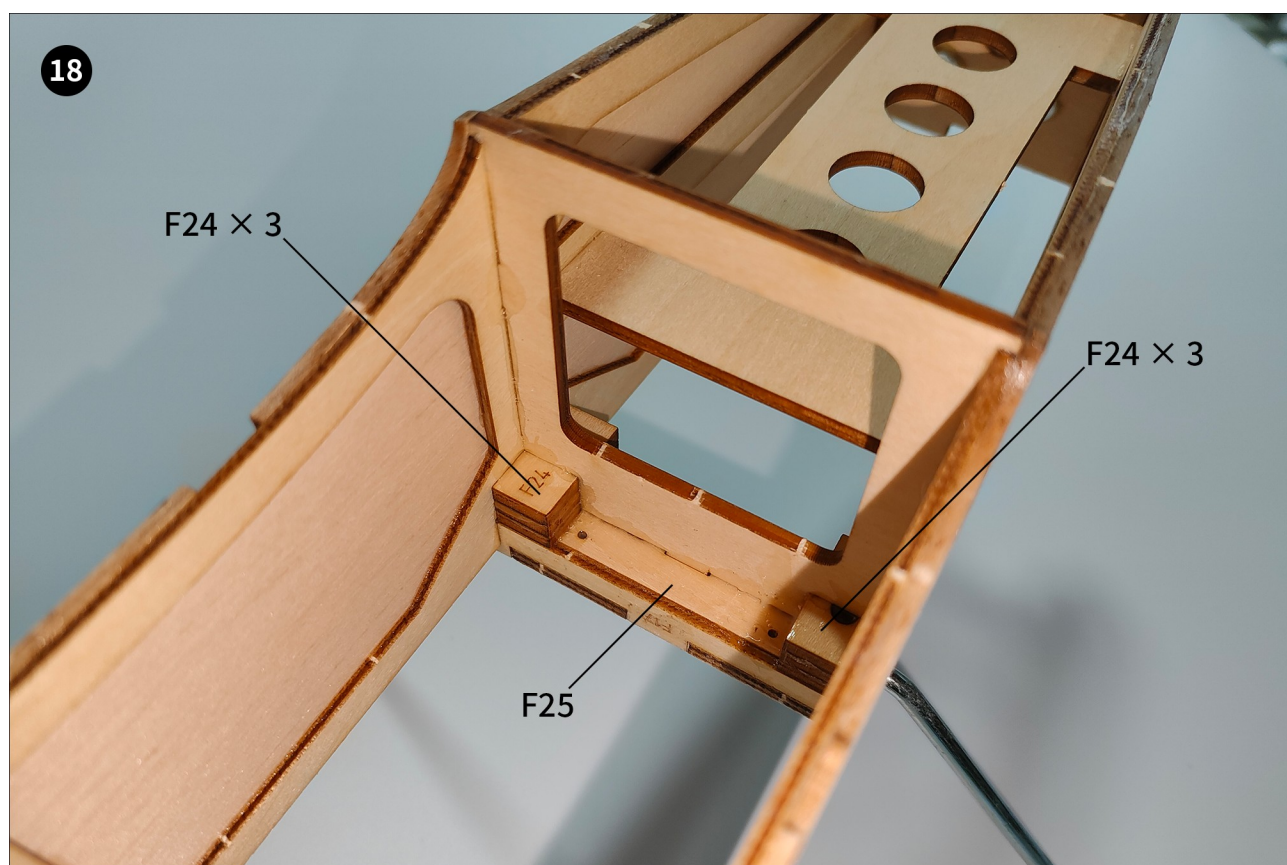
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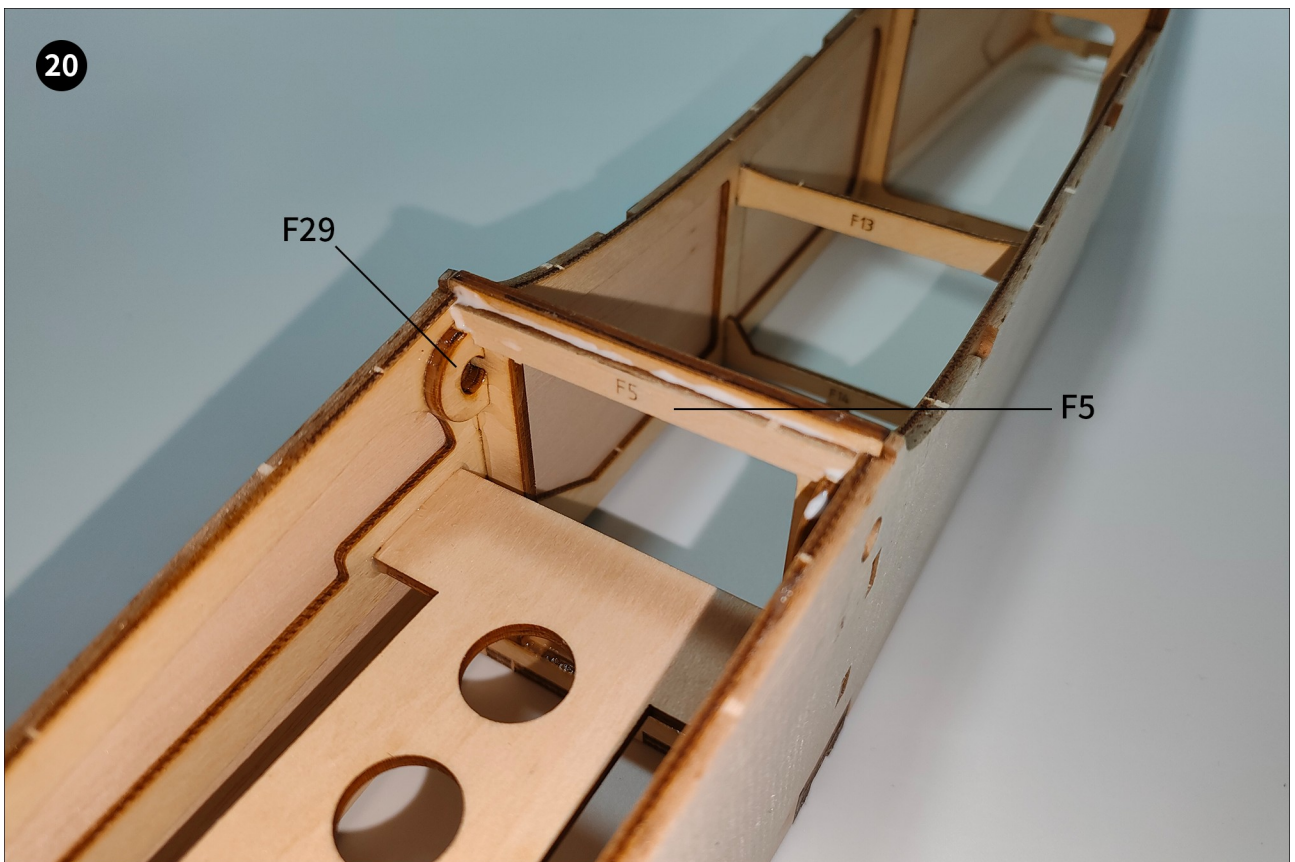
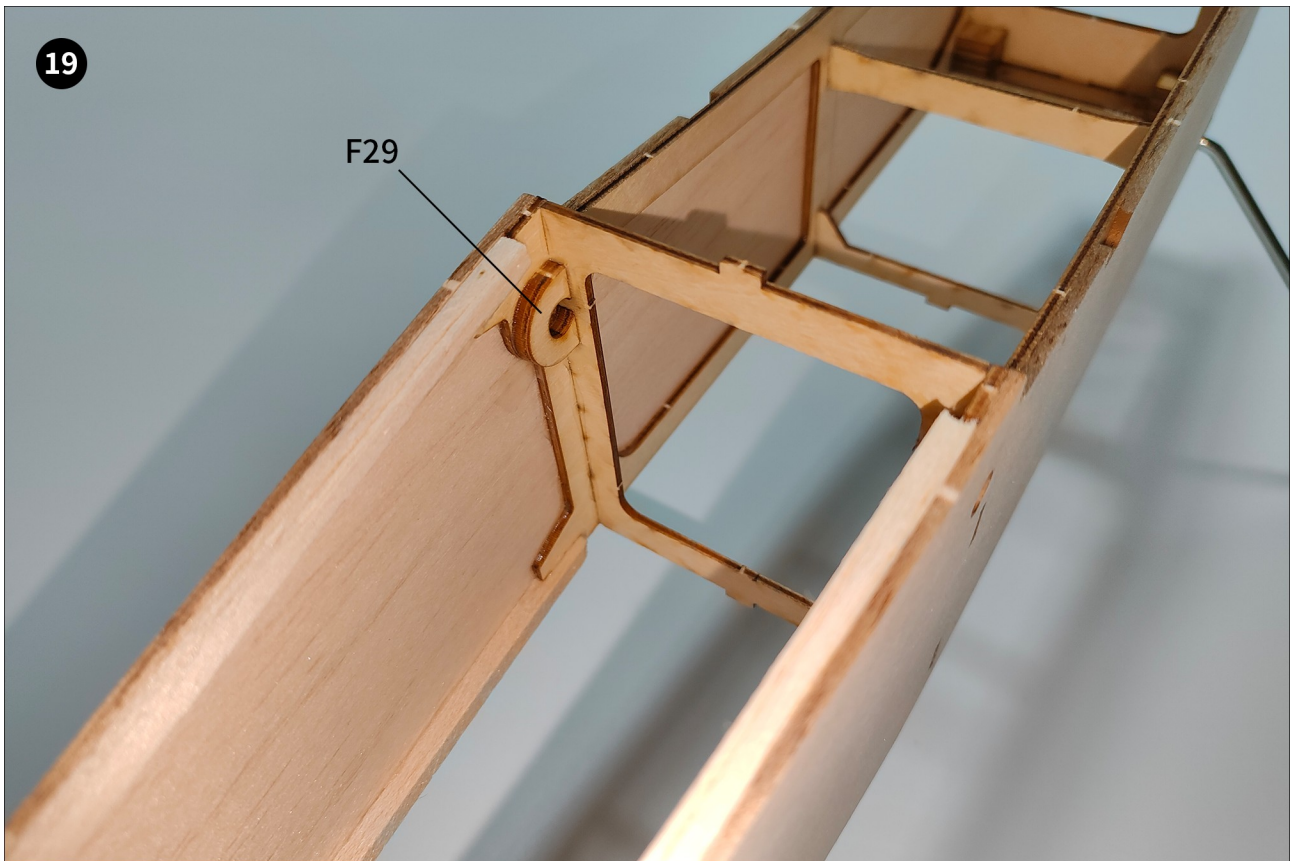


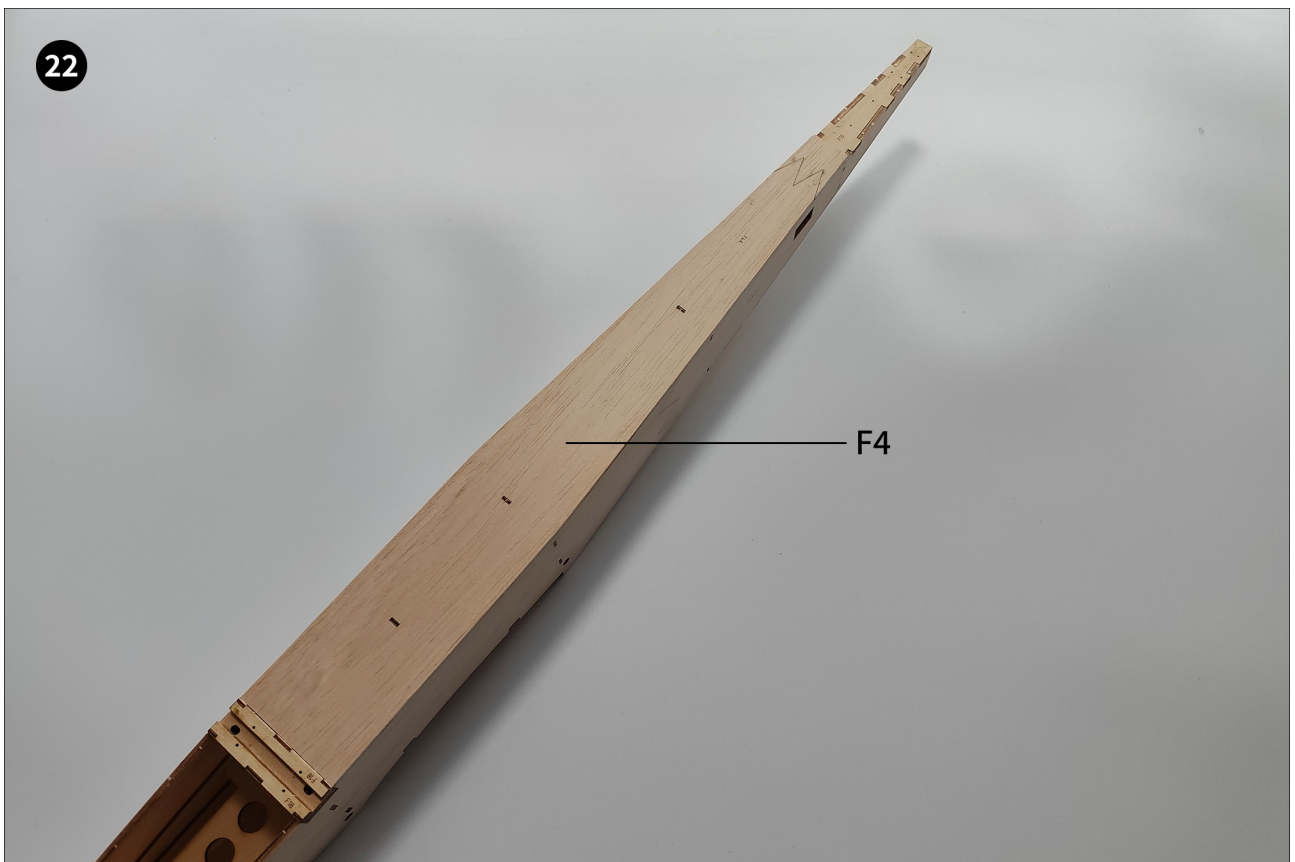
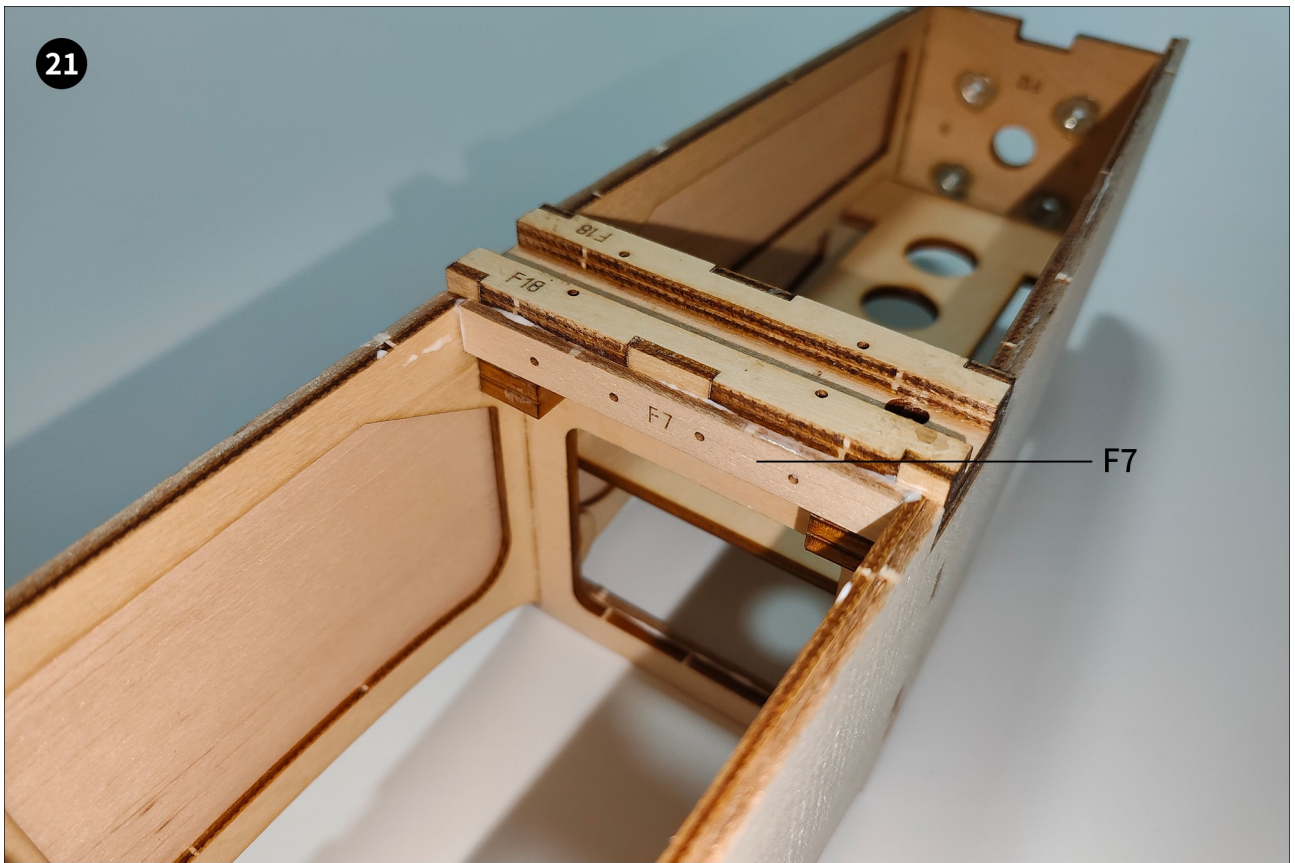
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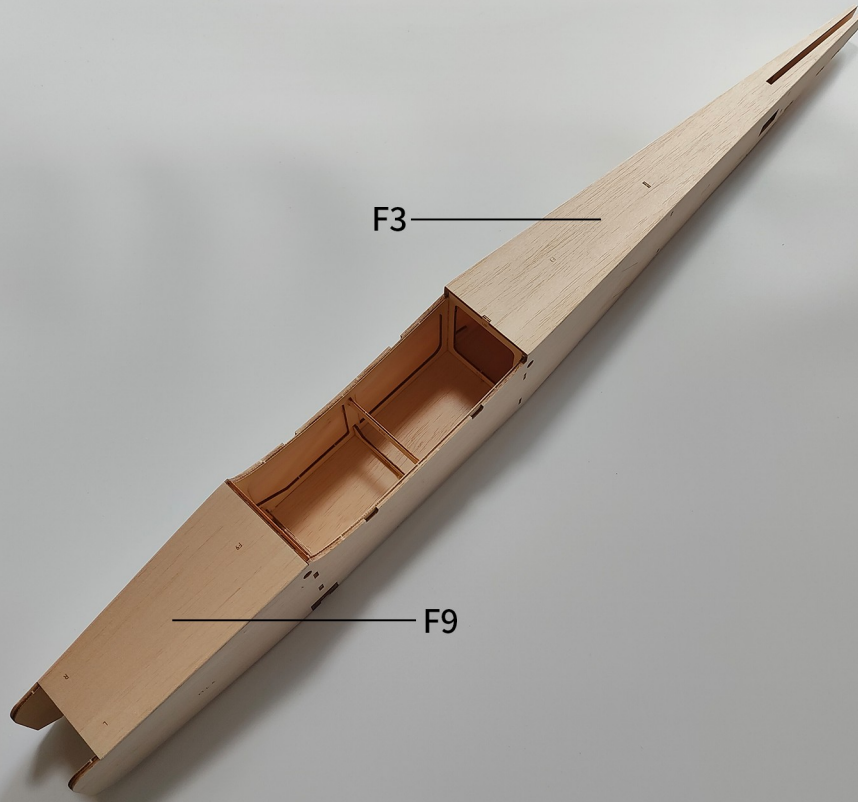
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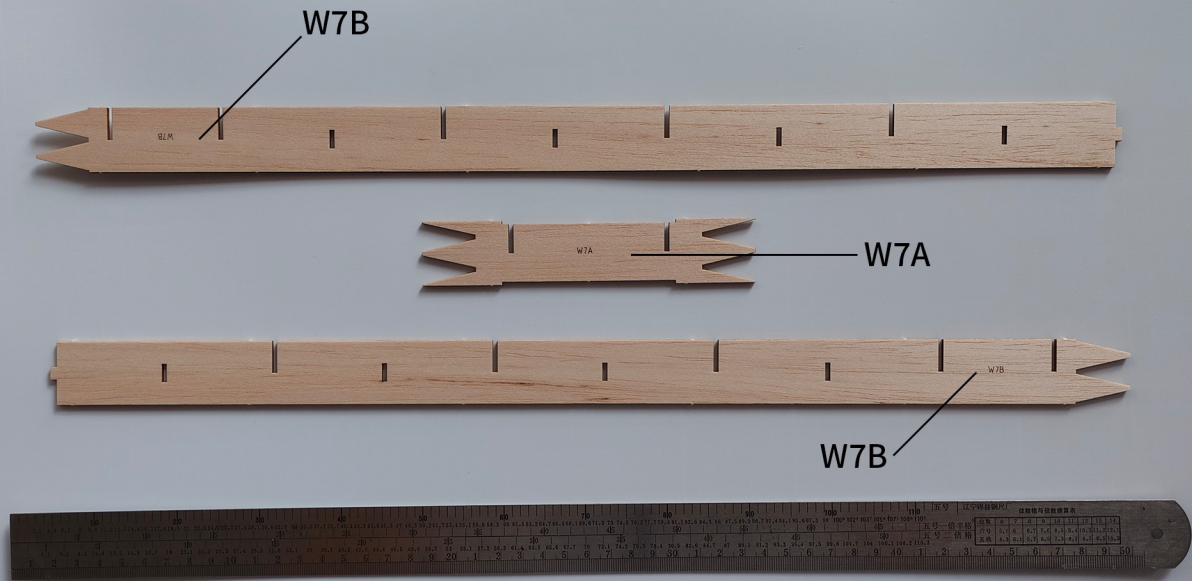


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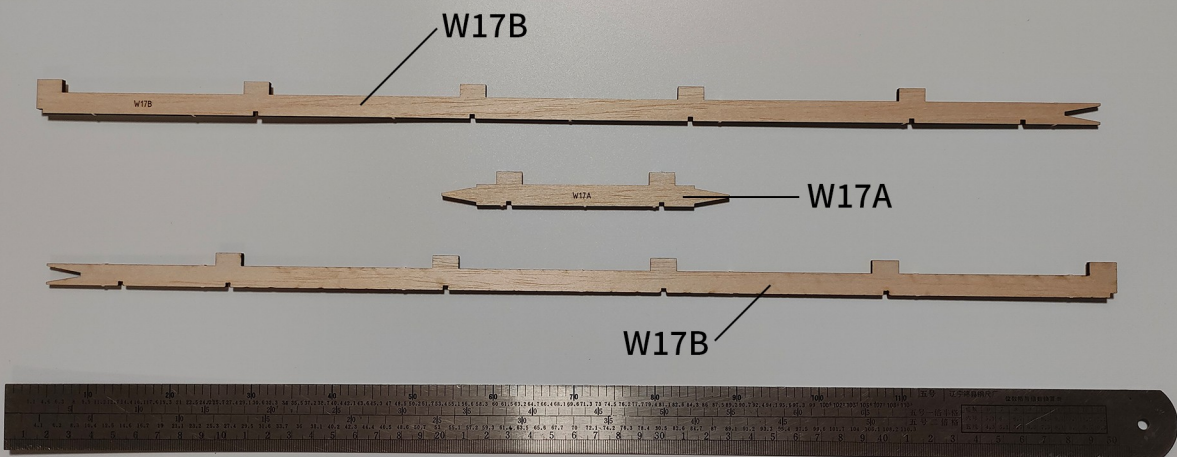
2. WING ASSEMBLY

1

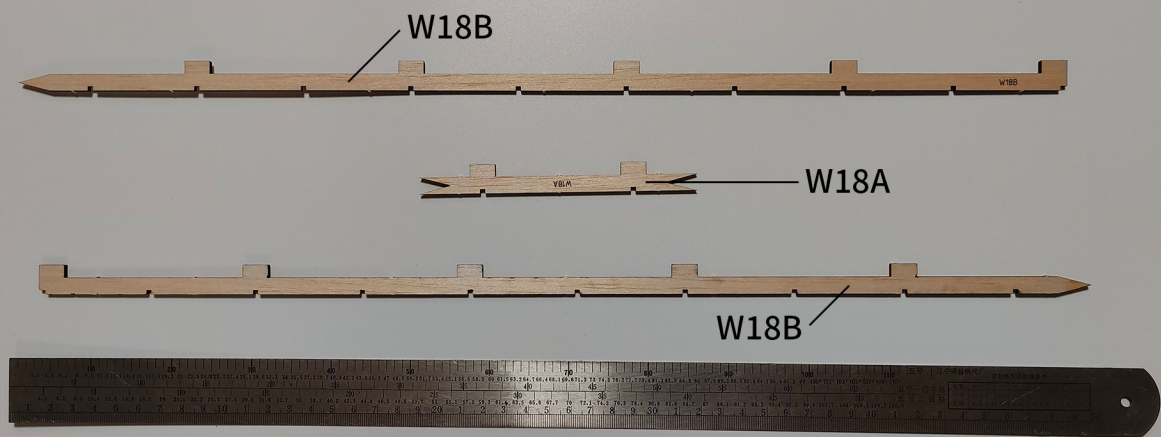


All parts that need to be spliced need to be aligned using a ruler during the bonding process to prevent deformation.

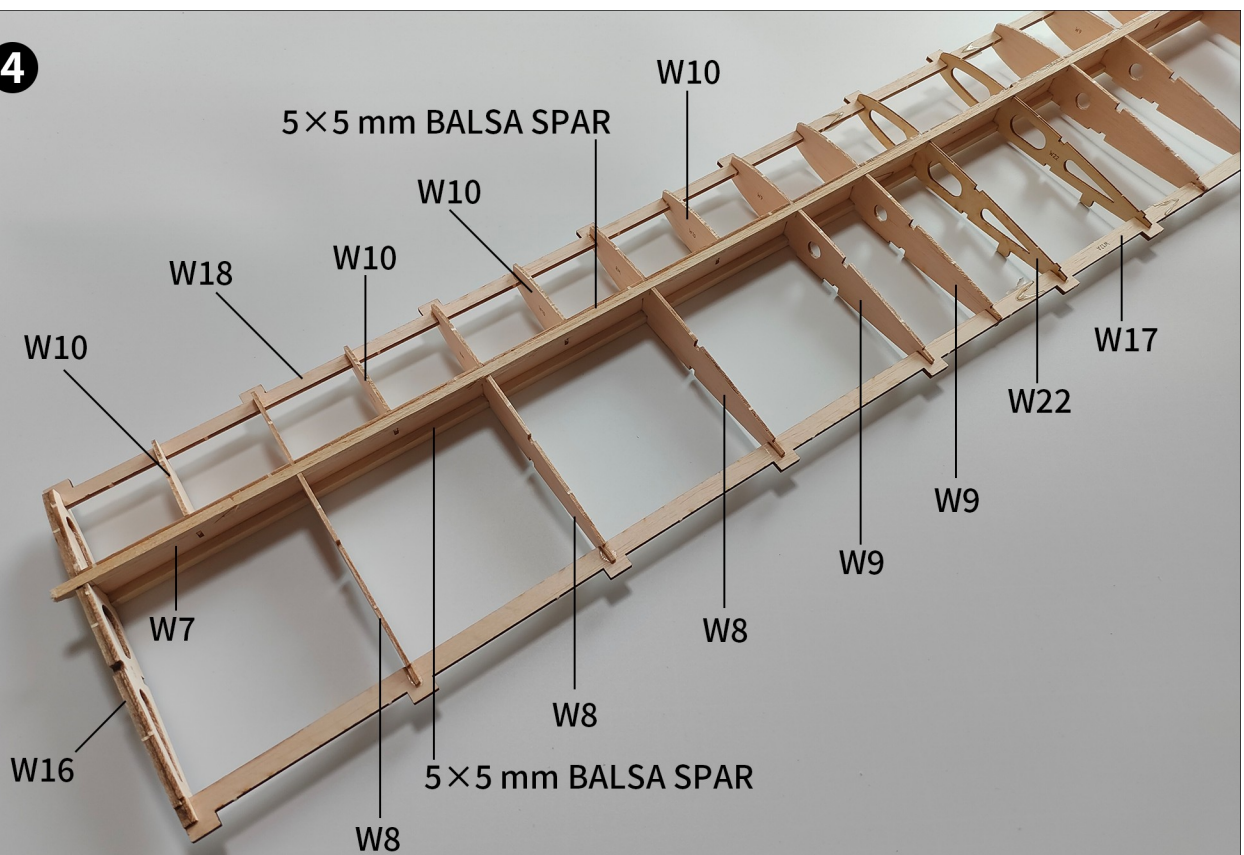
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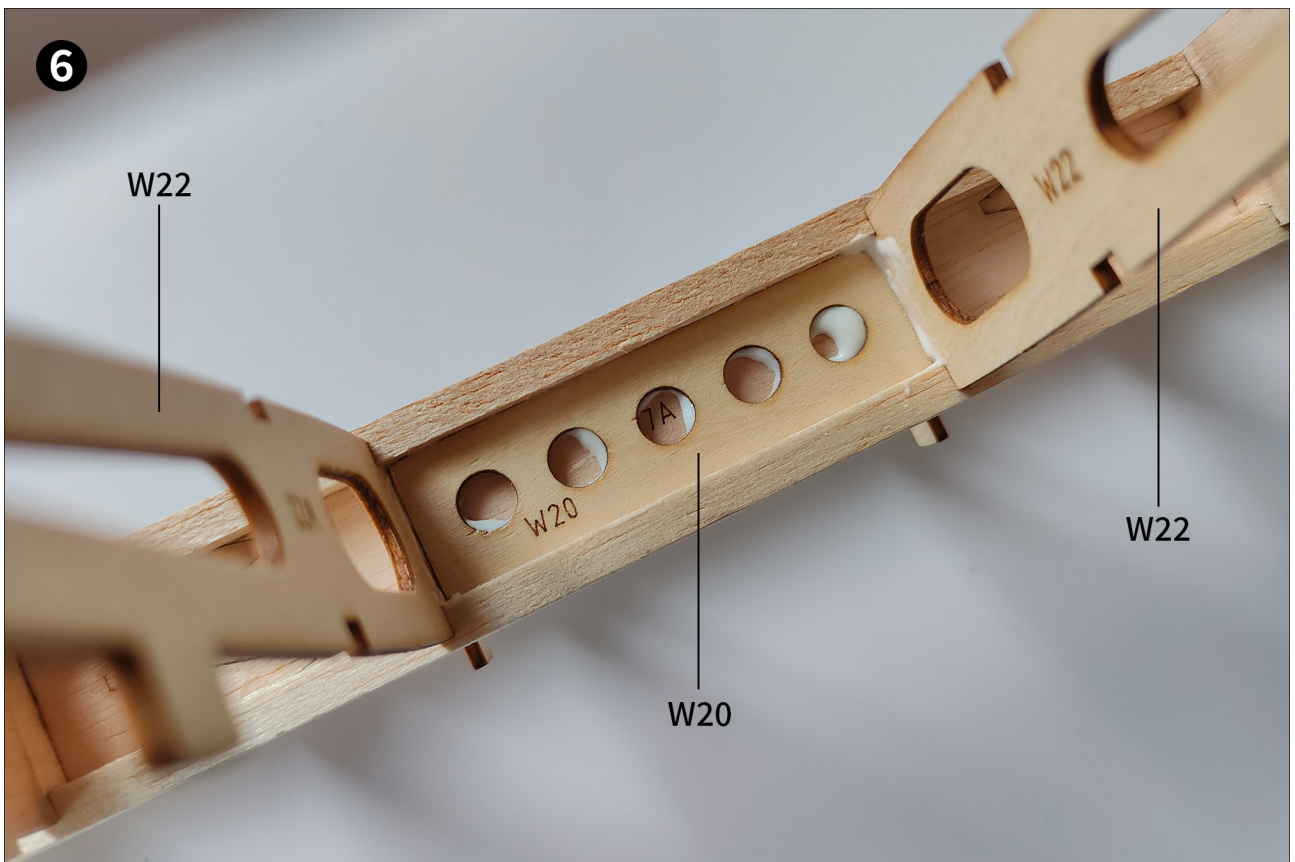
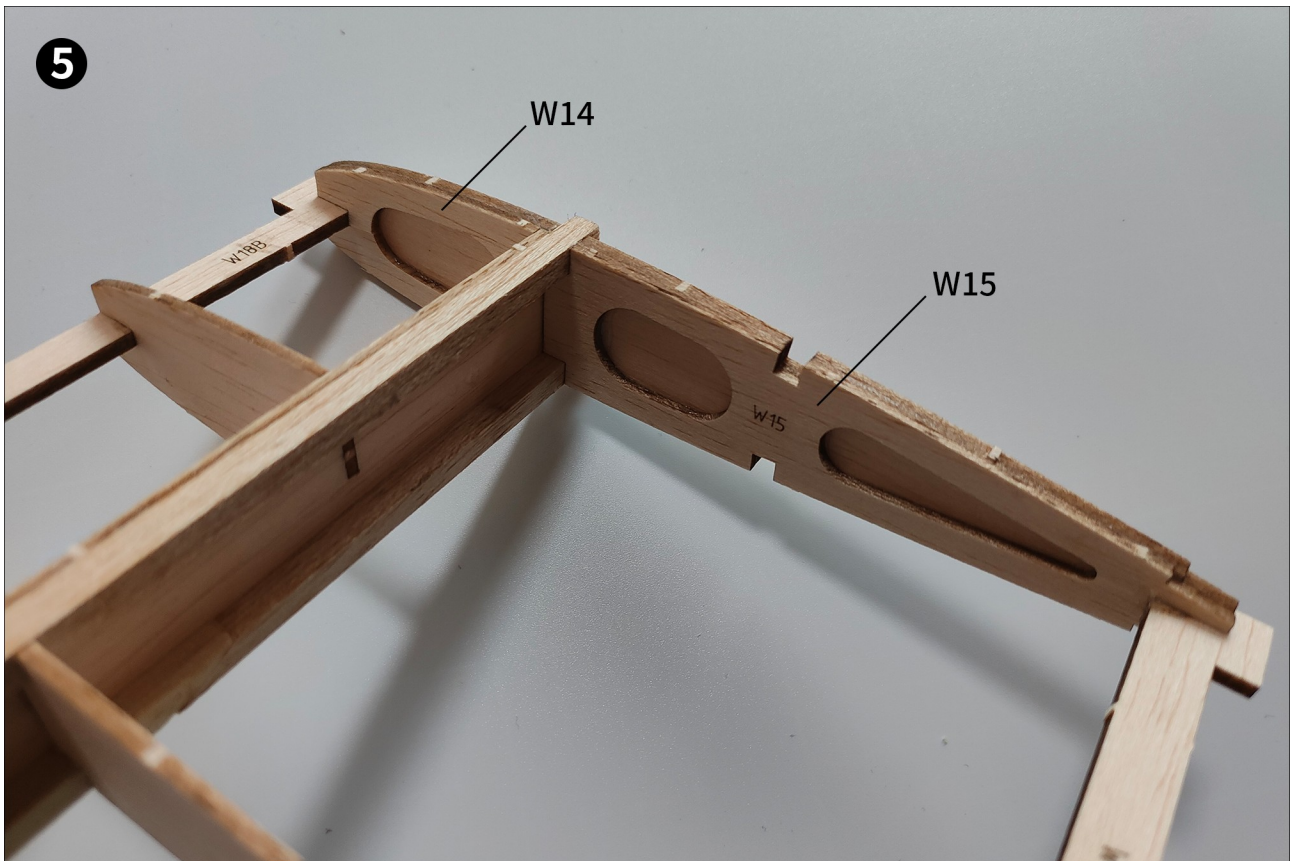


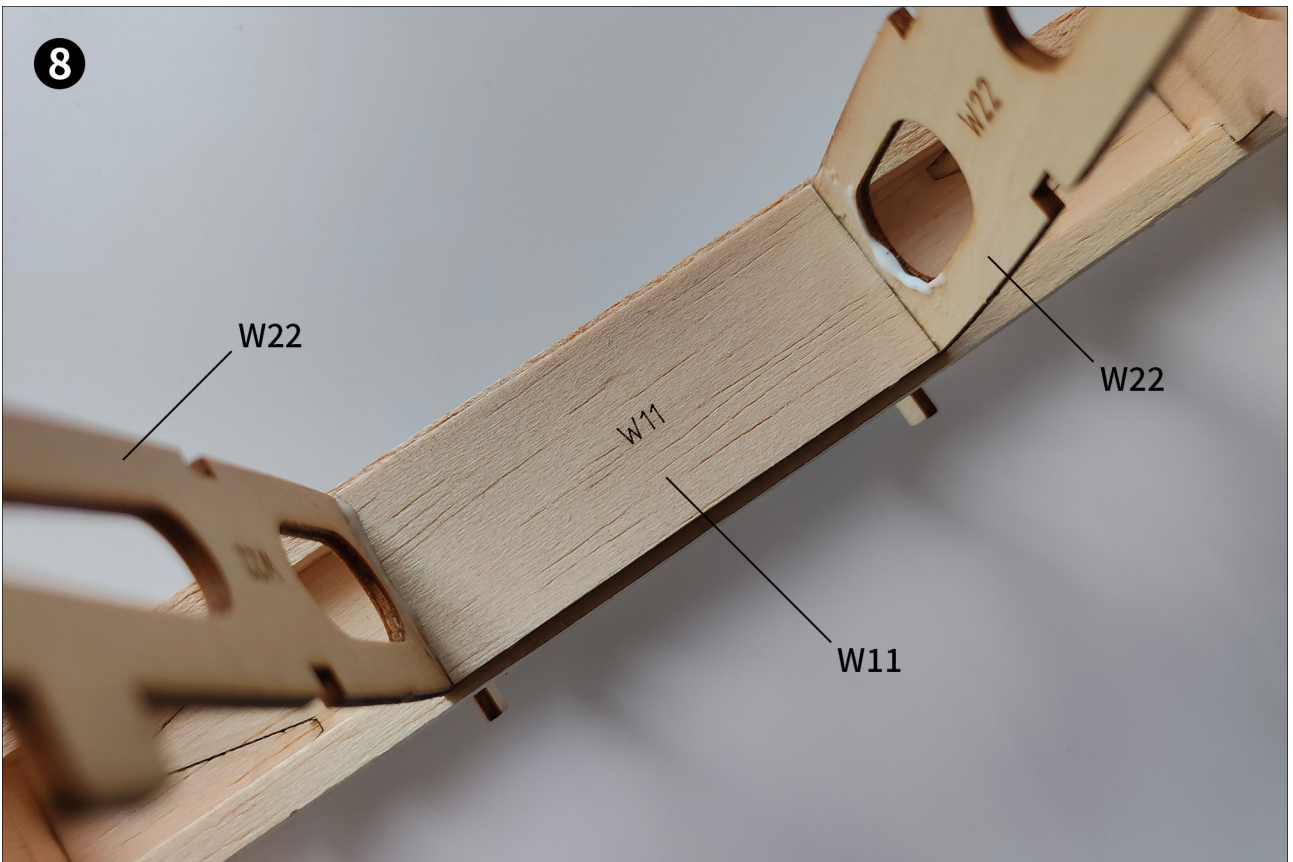
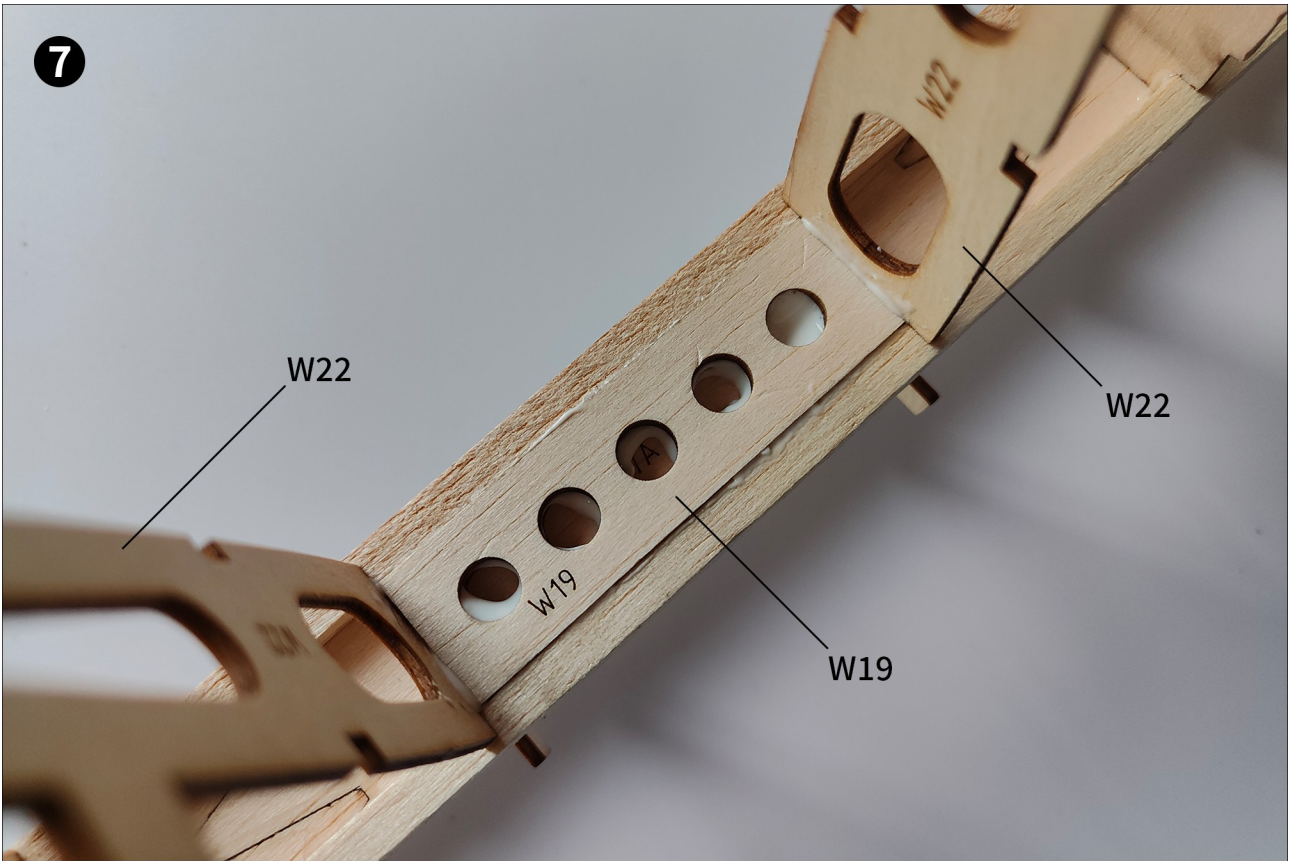
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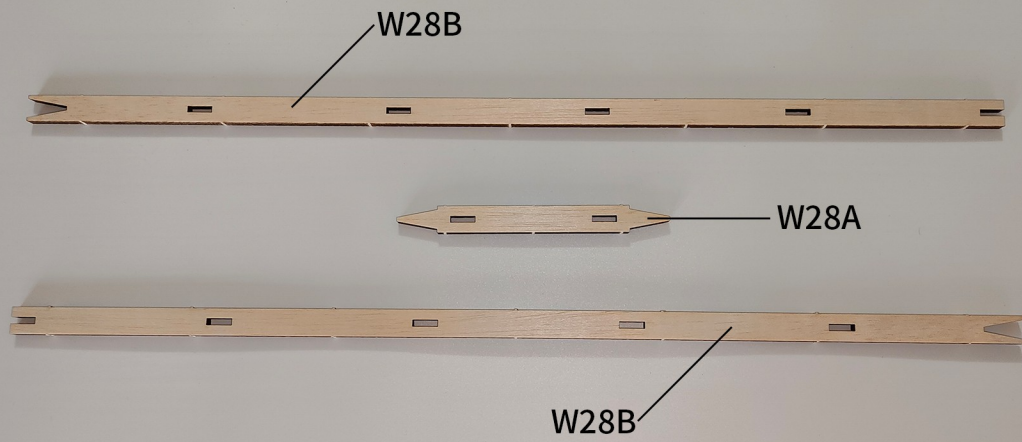
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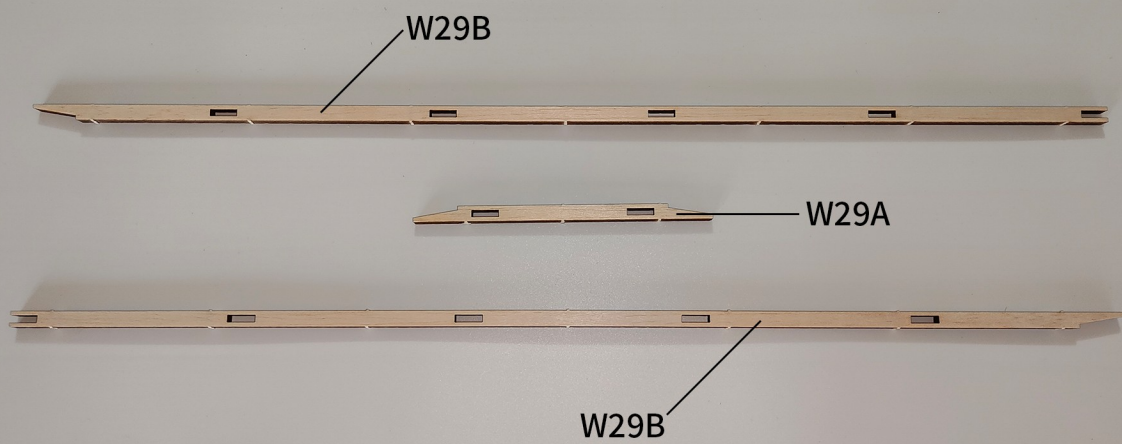


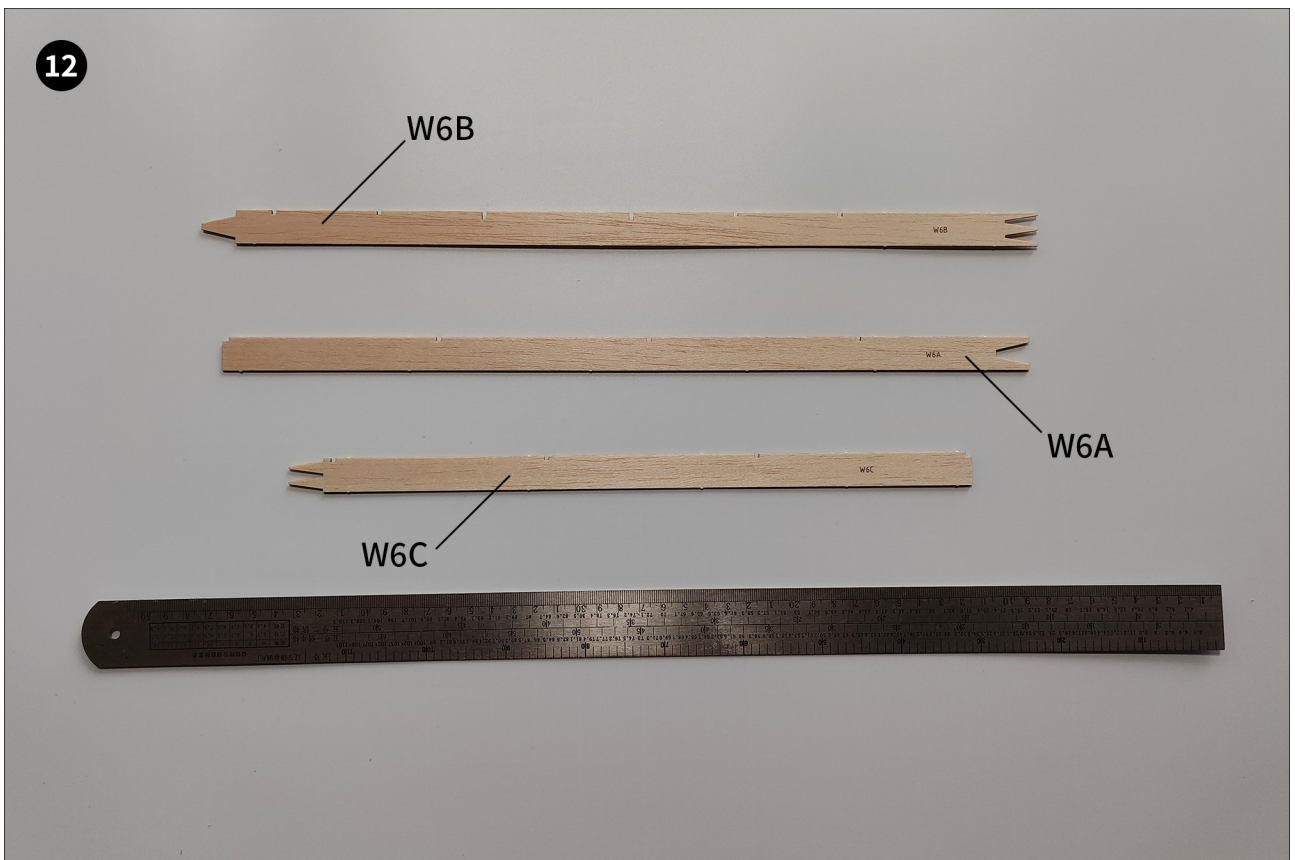
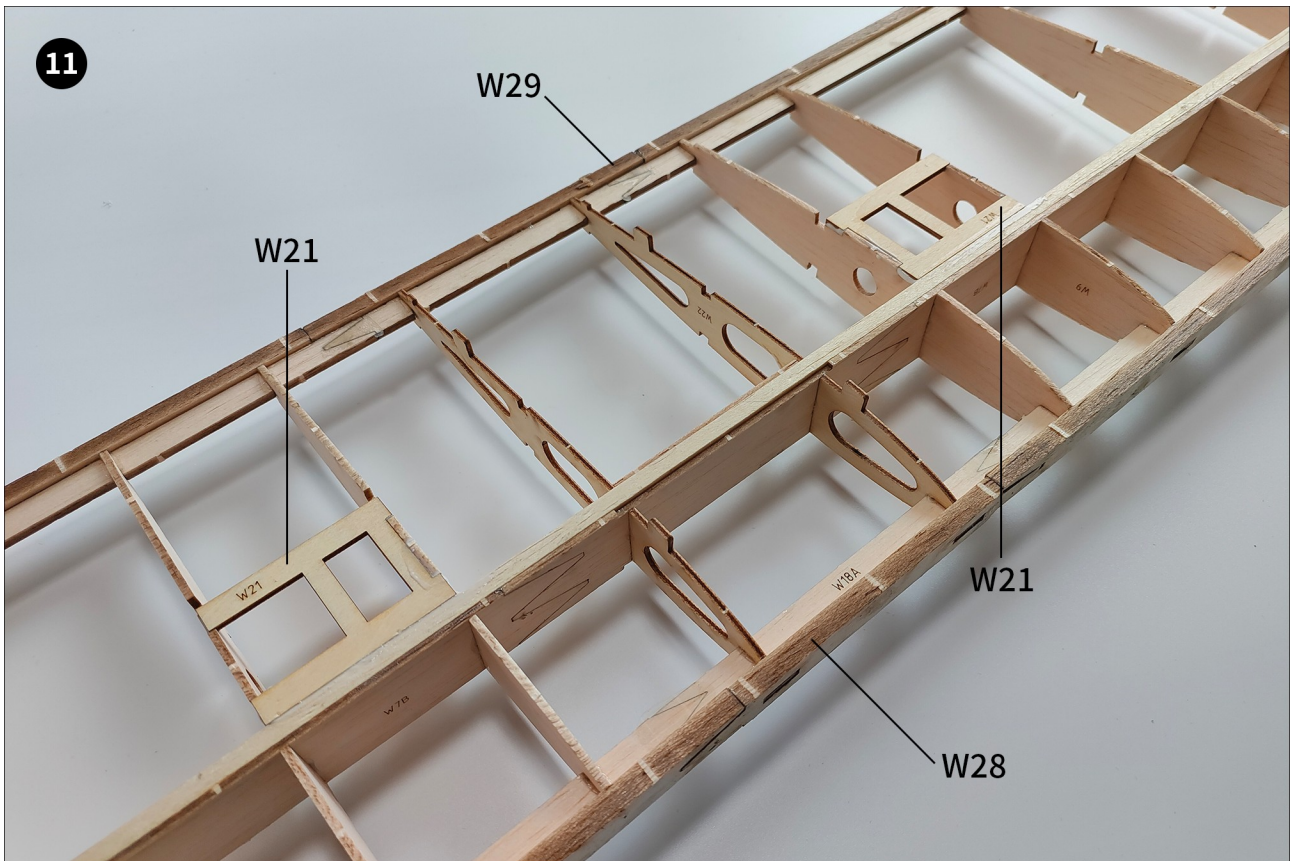


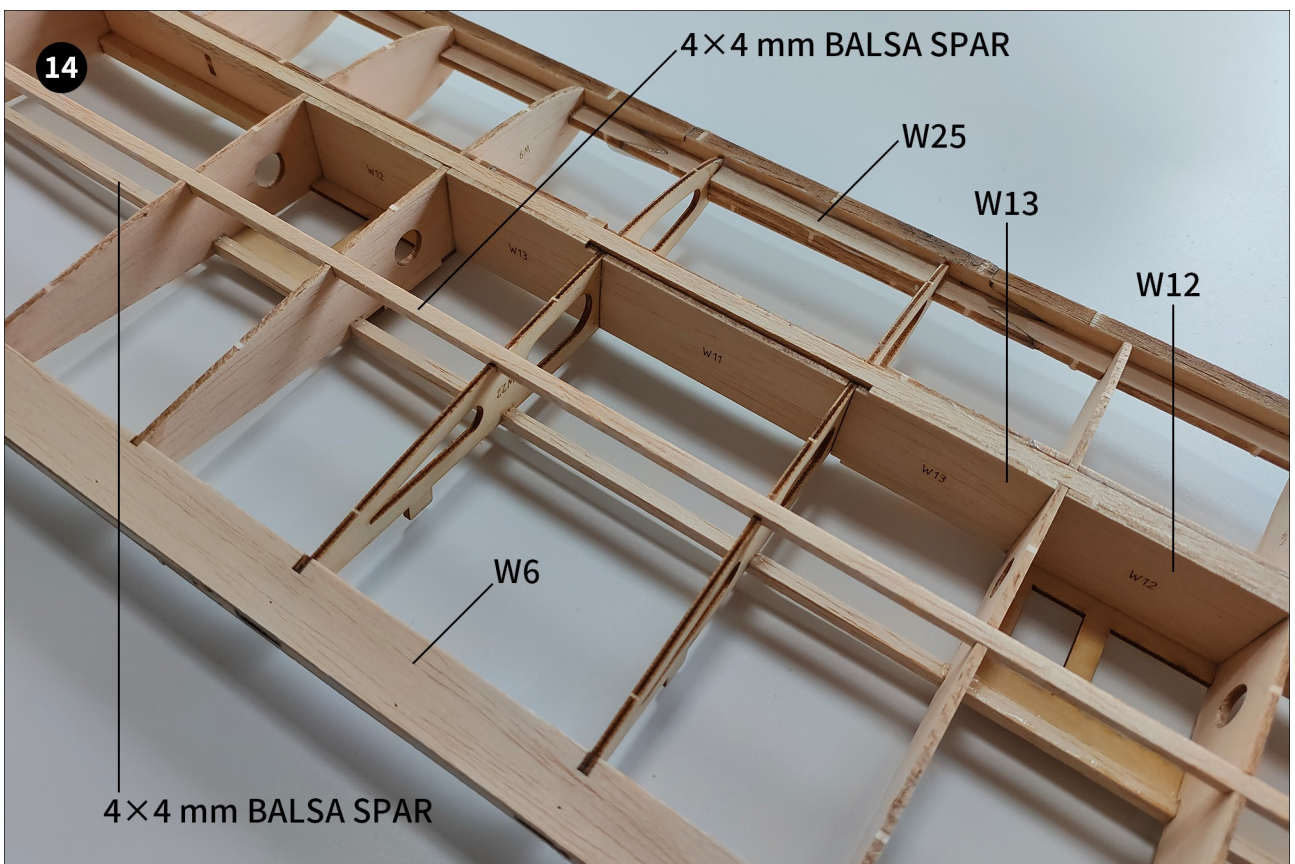
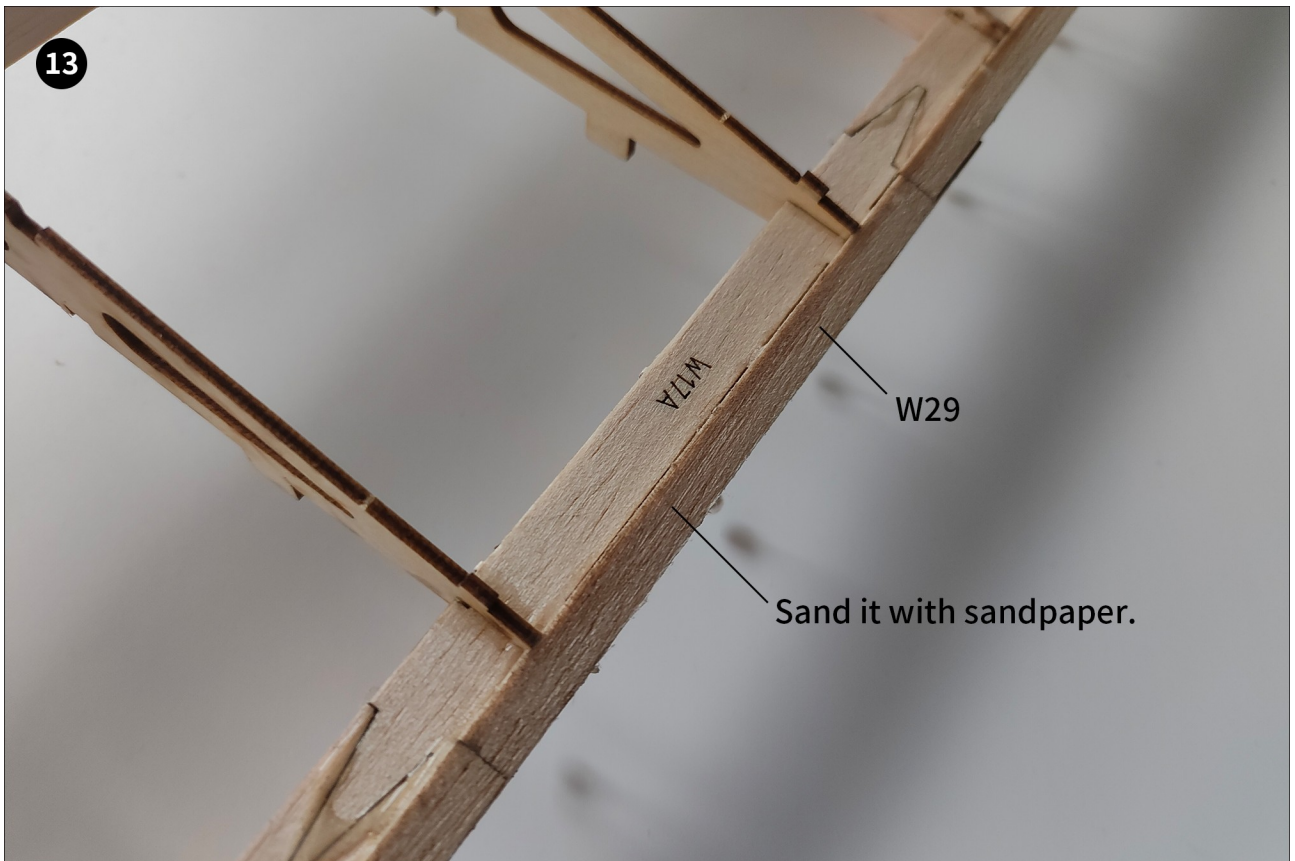
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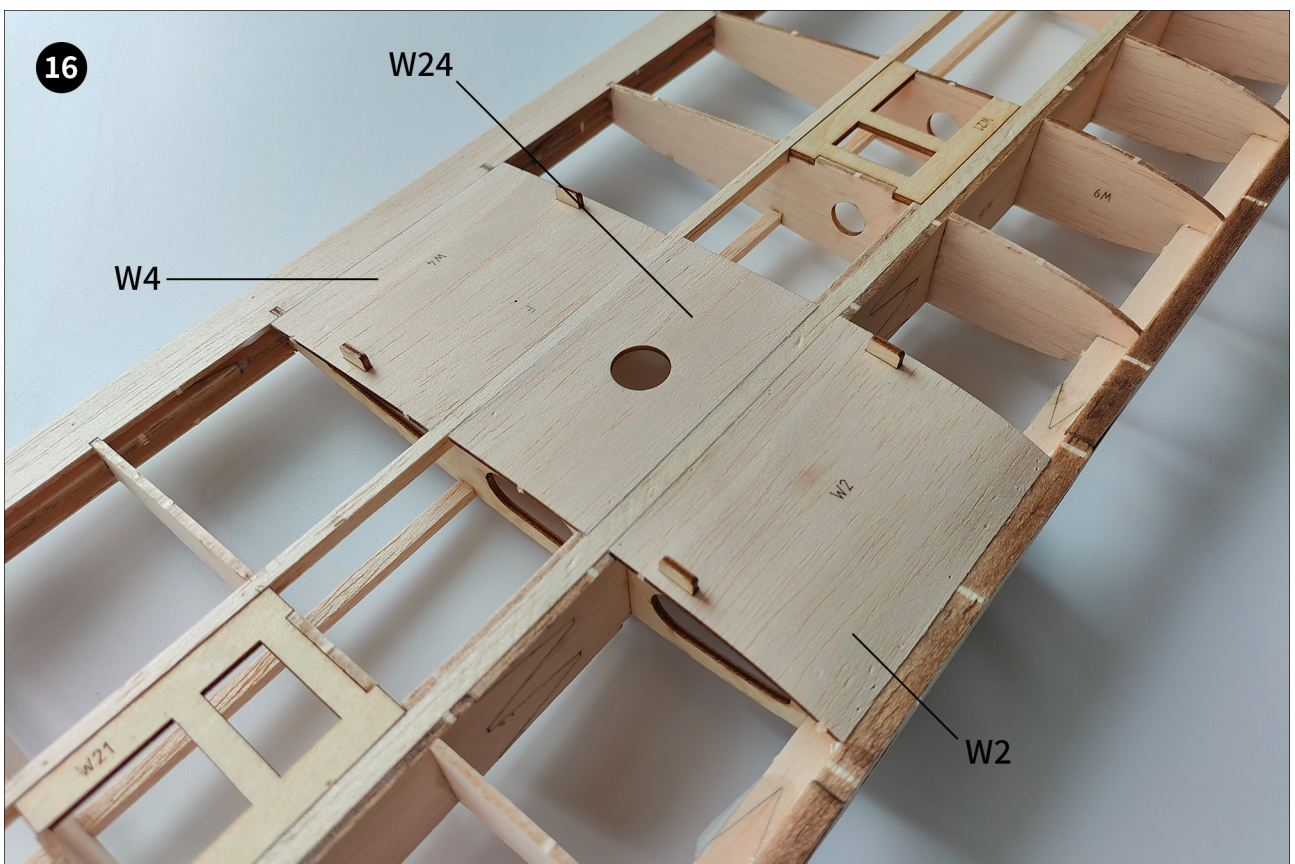
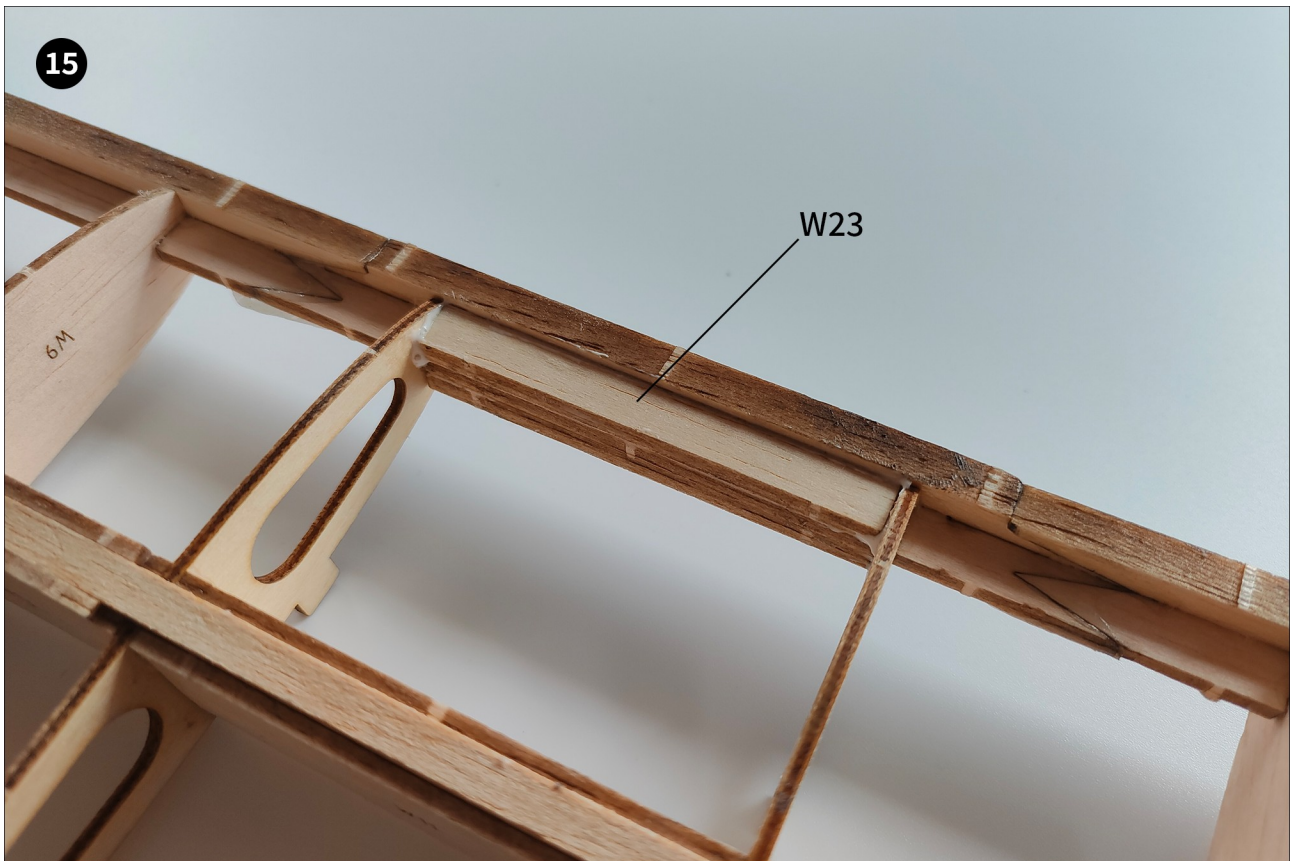


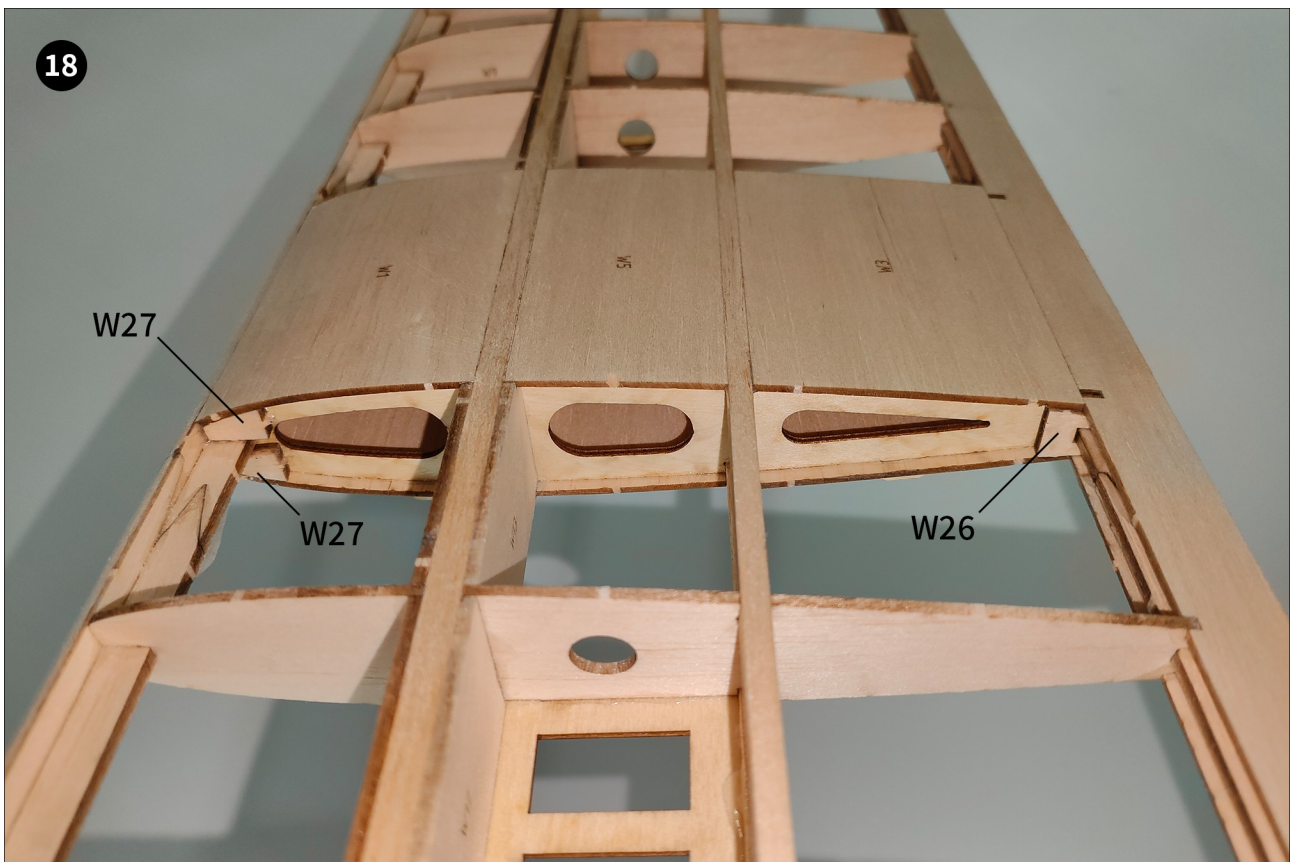
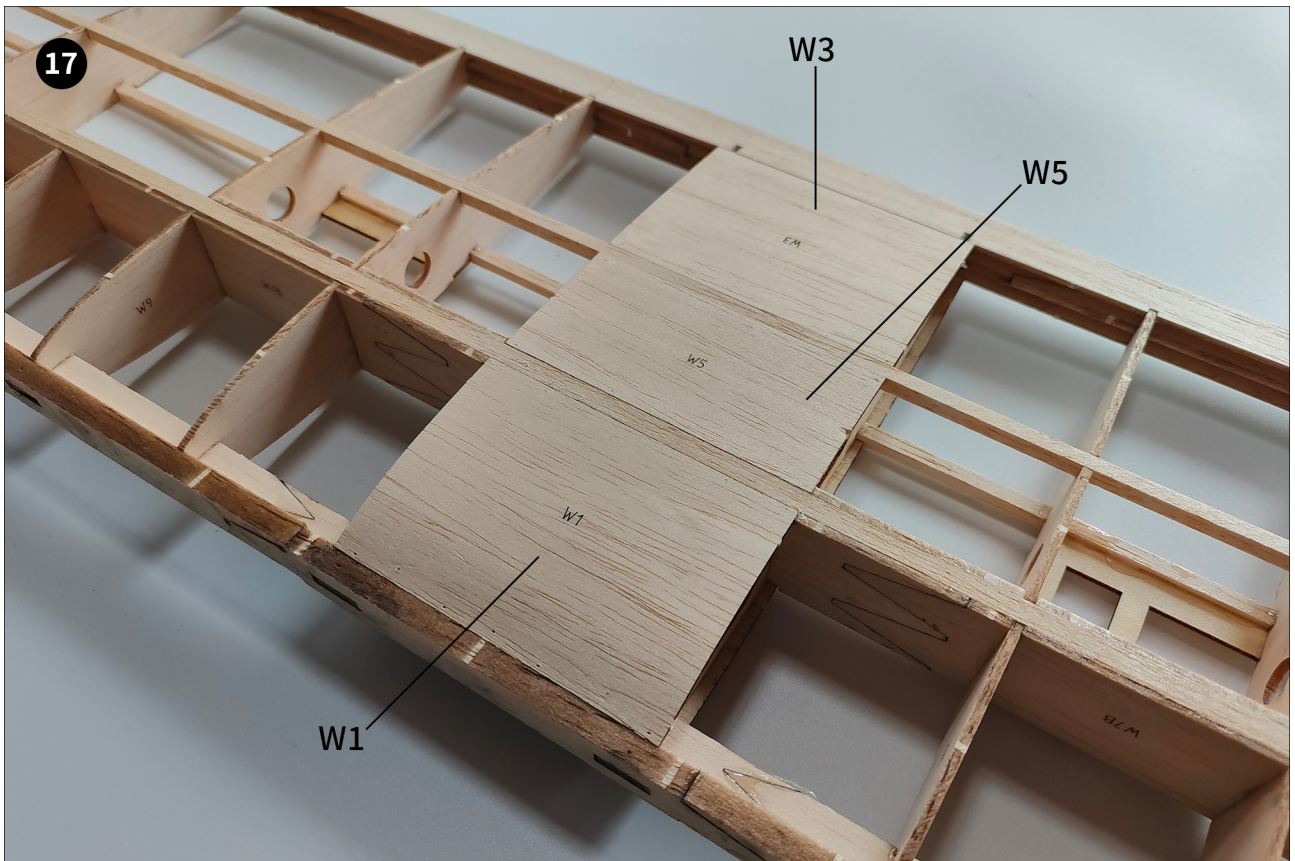
10











19

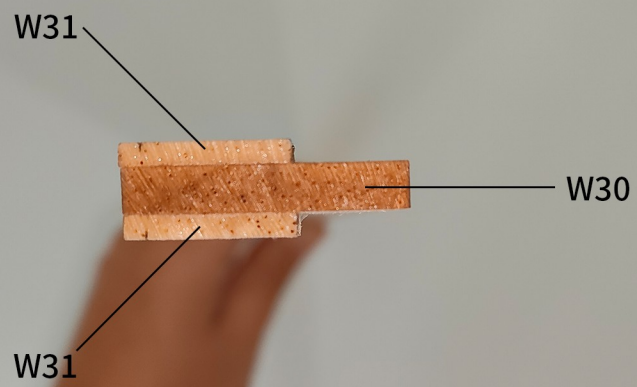
Sand the W28

20

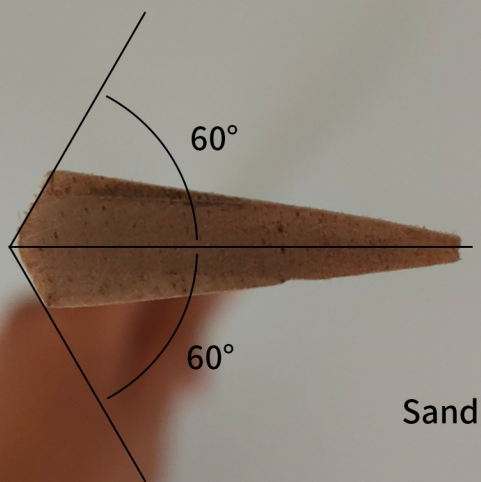
W30

W31

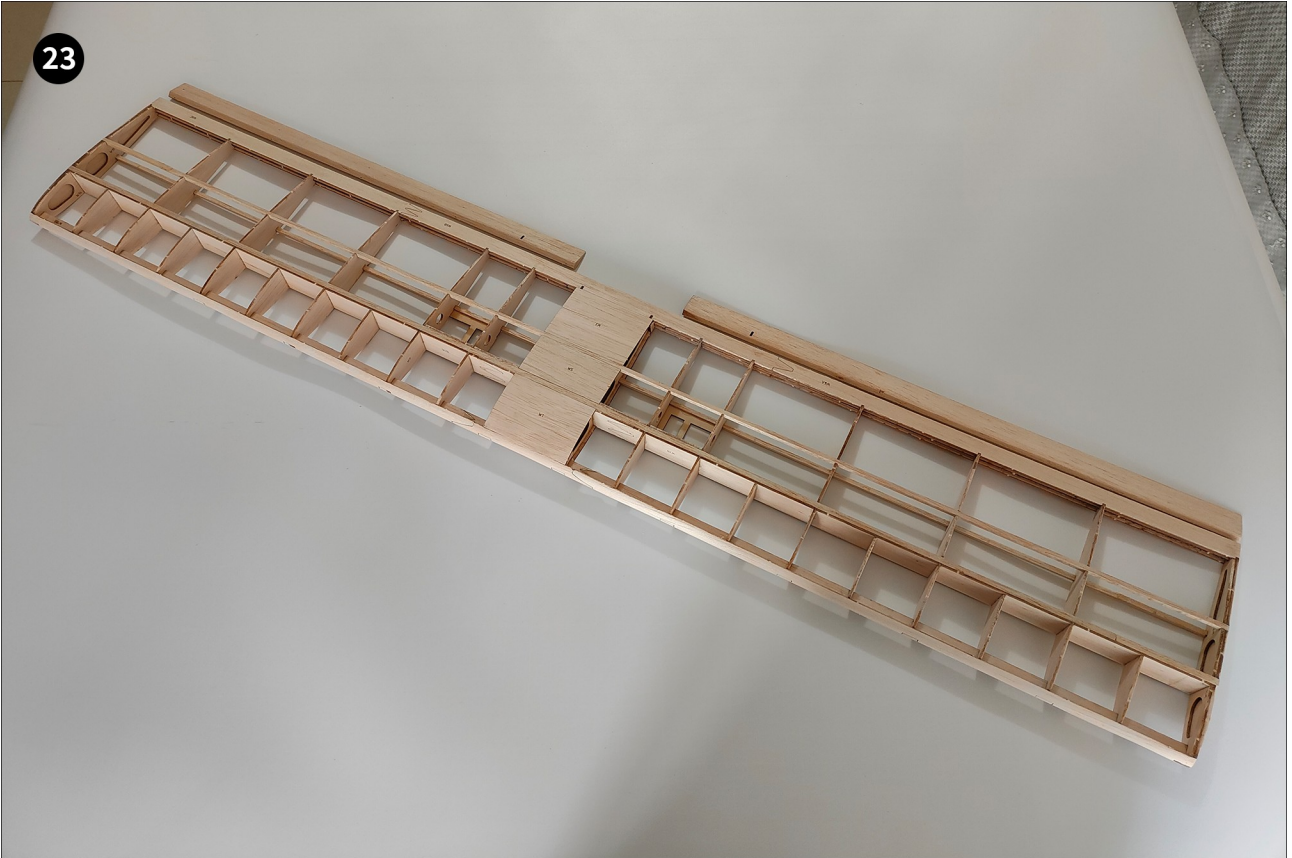
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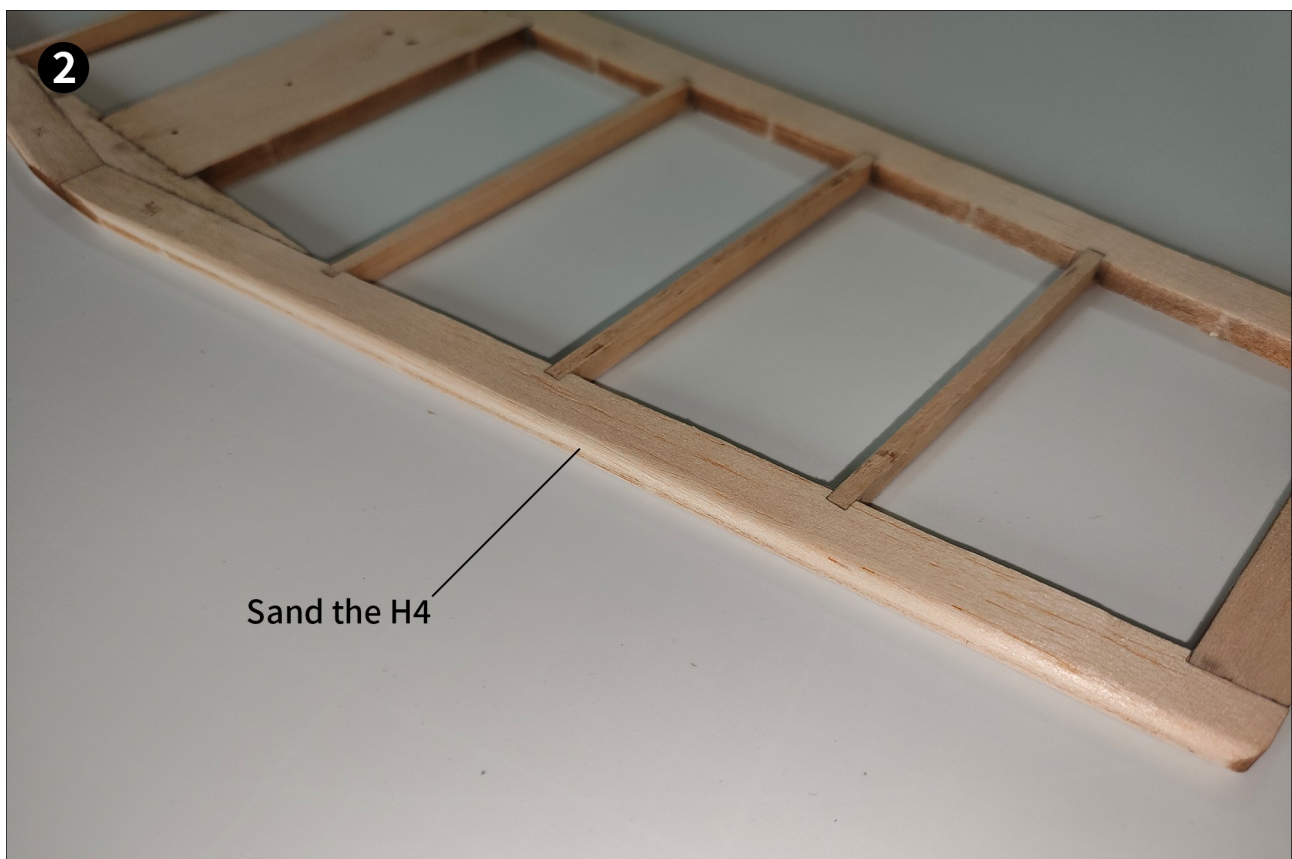
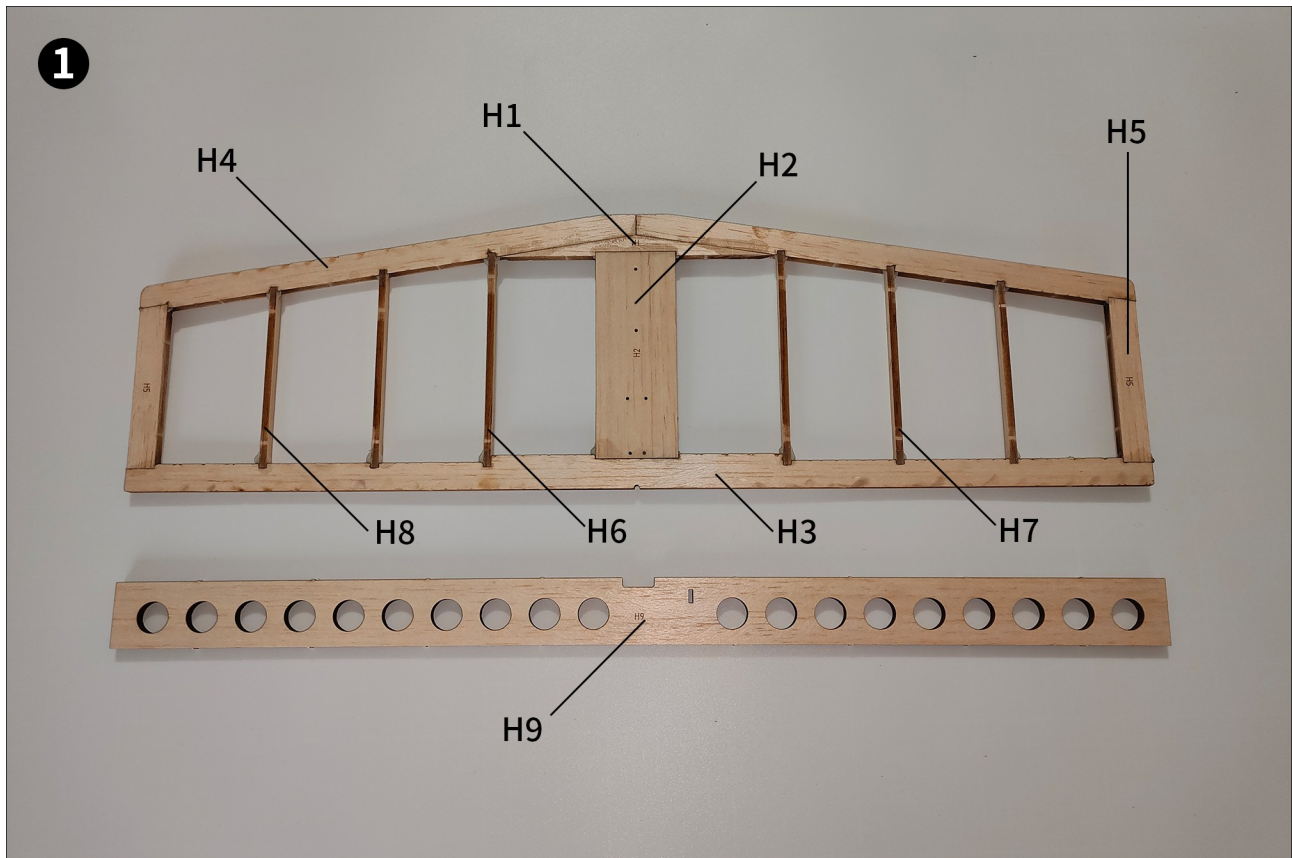
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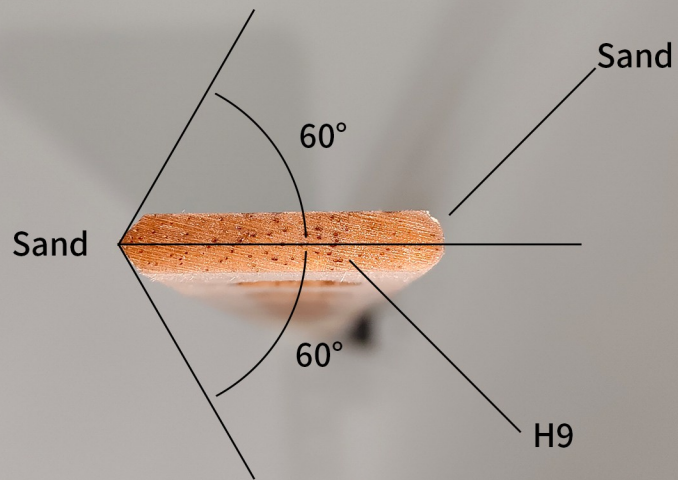
23



3. HORIZONTAL STABILIZER ASSEMBLY



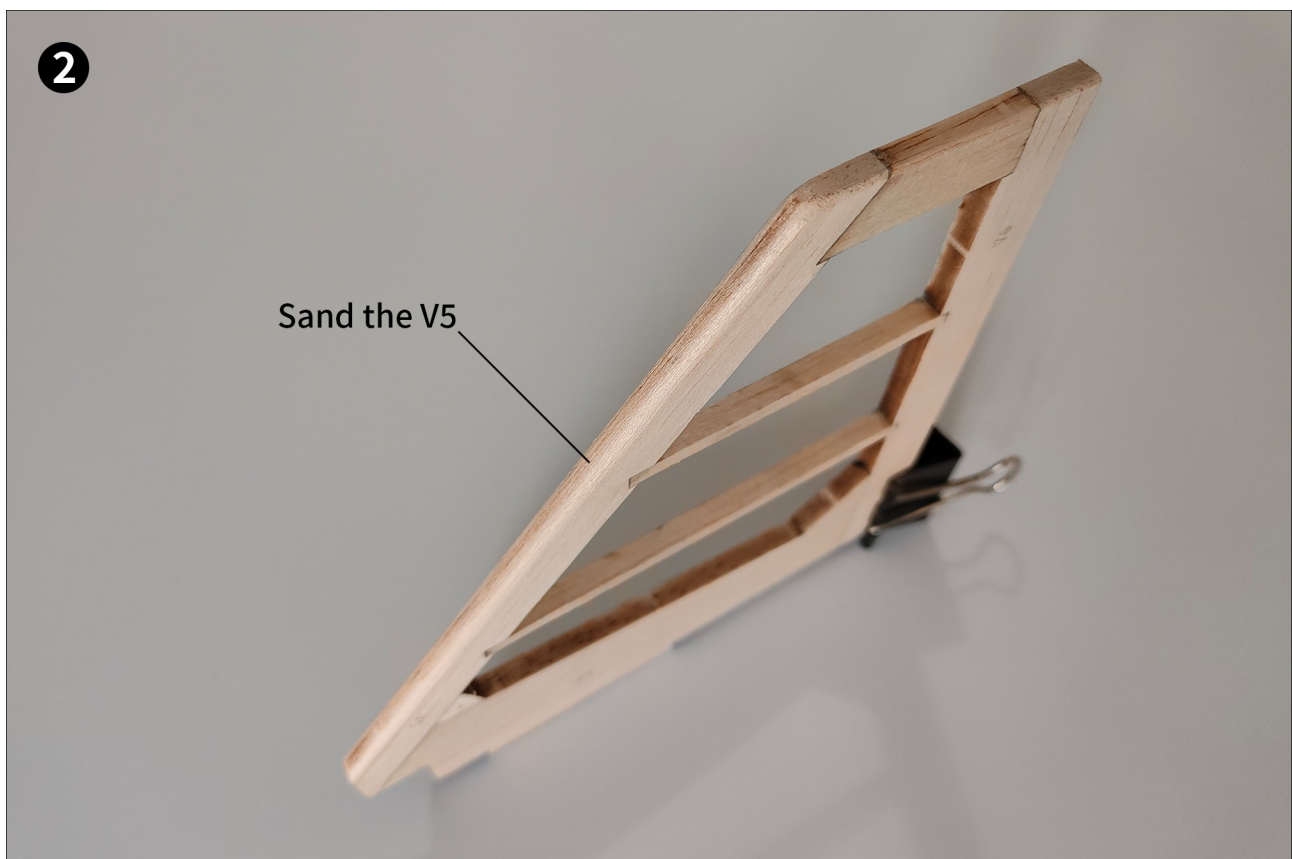
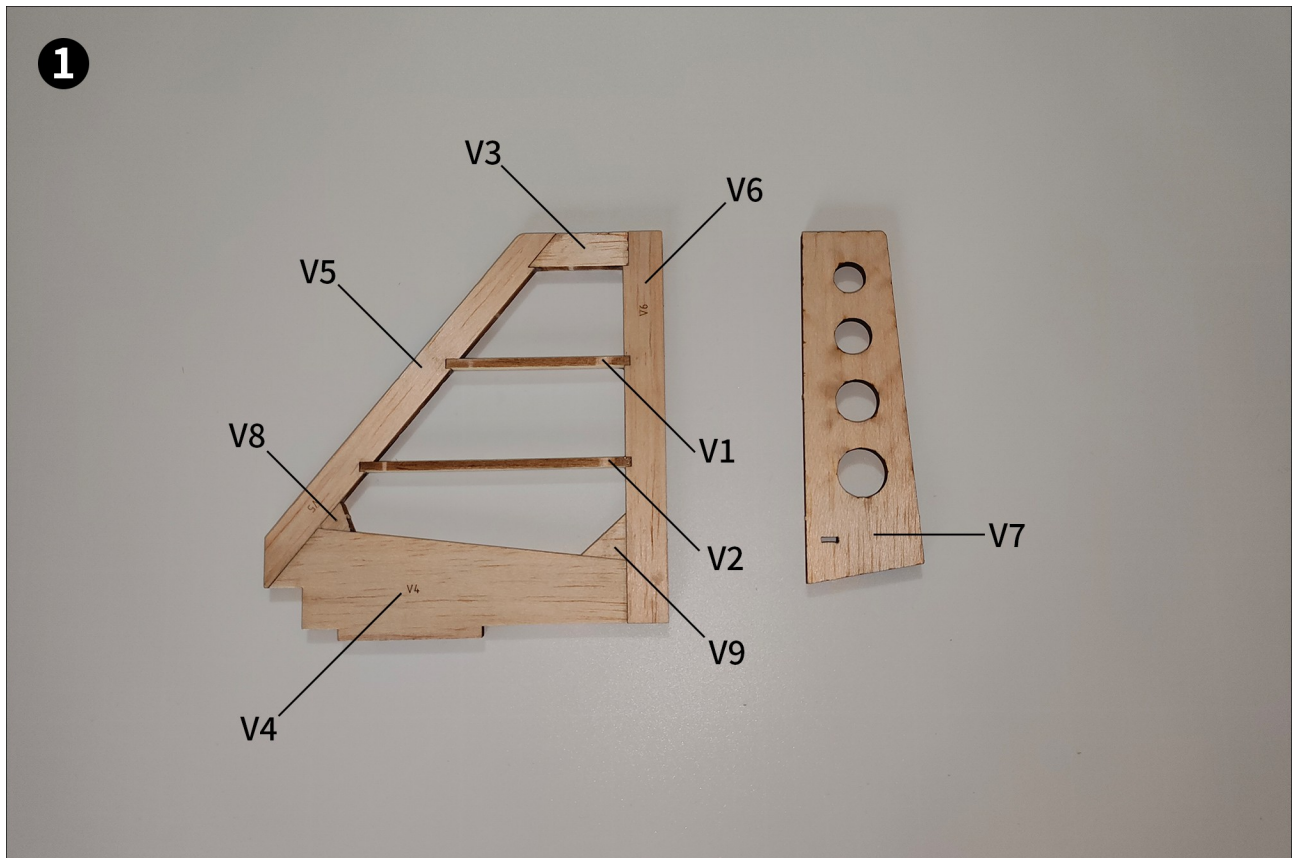
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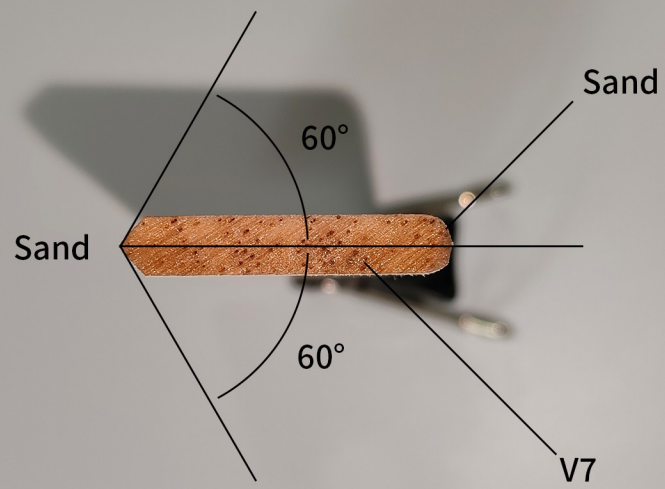
4



4. VERTICAL STABILIZER ASSEMBLY



3



4



5. OTHER ACCESSORIES ASSEMBLY

