

# ASCEND HOBBIES

## HOTEL 32"

### RADIO CONTROL TRAINER BALSA AIRPLANE KIT INSTRUCTION MANUAL

<http://www.ascendhobbies.com>

[ascendhobbies@outlook.com](mailto:ascendhobbies@outlook.com)

<https://www.youtube.com/@ascendhobbies>

Wingspan: 813mm

Length: 625mm

Wing Area: 12.5dm<sup>2</sup>

Airfoil: Asymmetric Airfoil

Dihedral Angle: 0°

Flying Weight: None

Power Required: 2204~2207 Brushless Motor

Speed Controller Required: 10~15A

Servos Required: 3.7g Servo × 4

Battery Required: None

Prop Required: 6 × 4

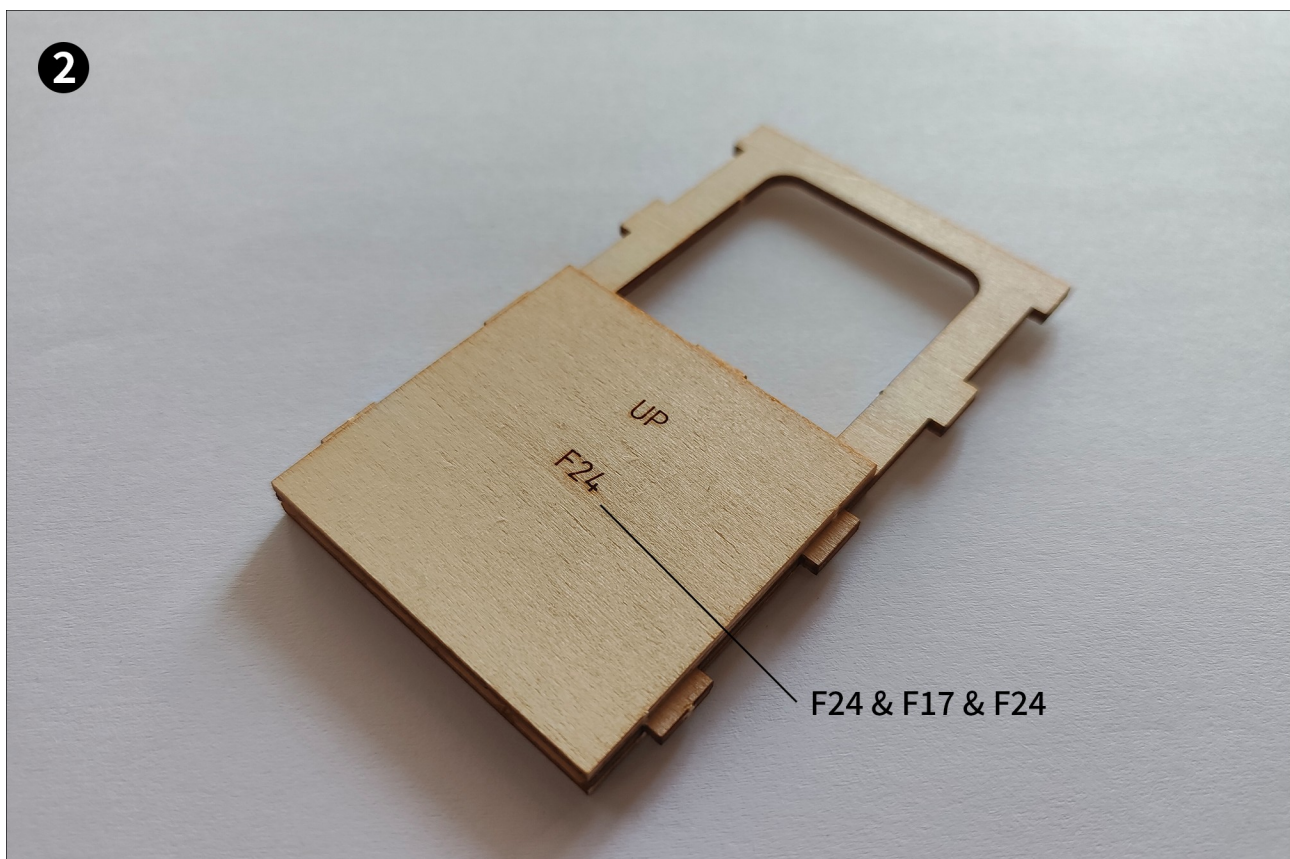
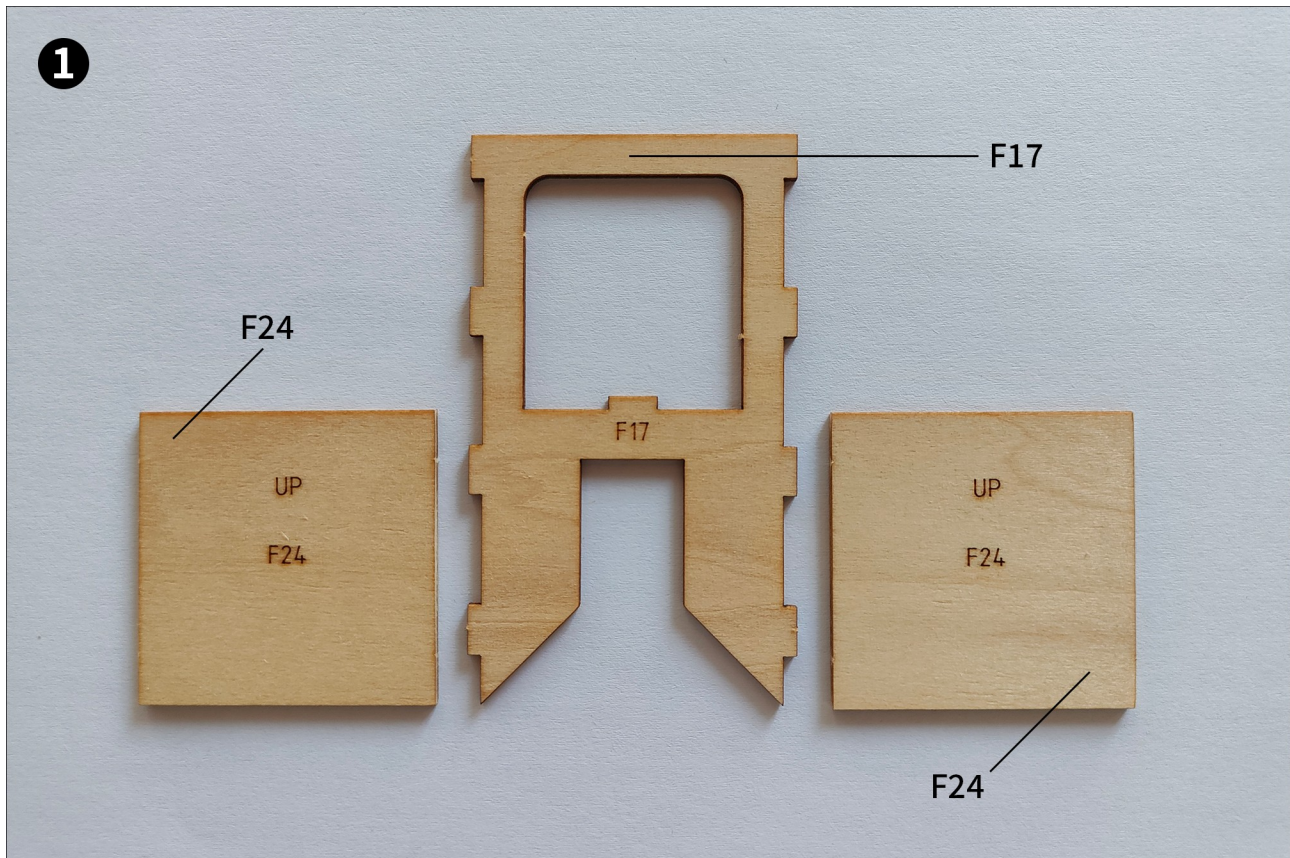
Radio Required: 4-Channel

CG (Center of Gravity): 51.5mm Rearward of wing leading edge

The design center of gravity (CG) is located 51.5mm 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.

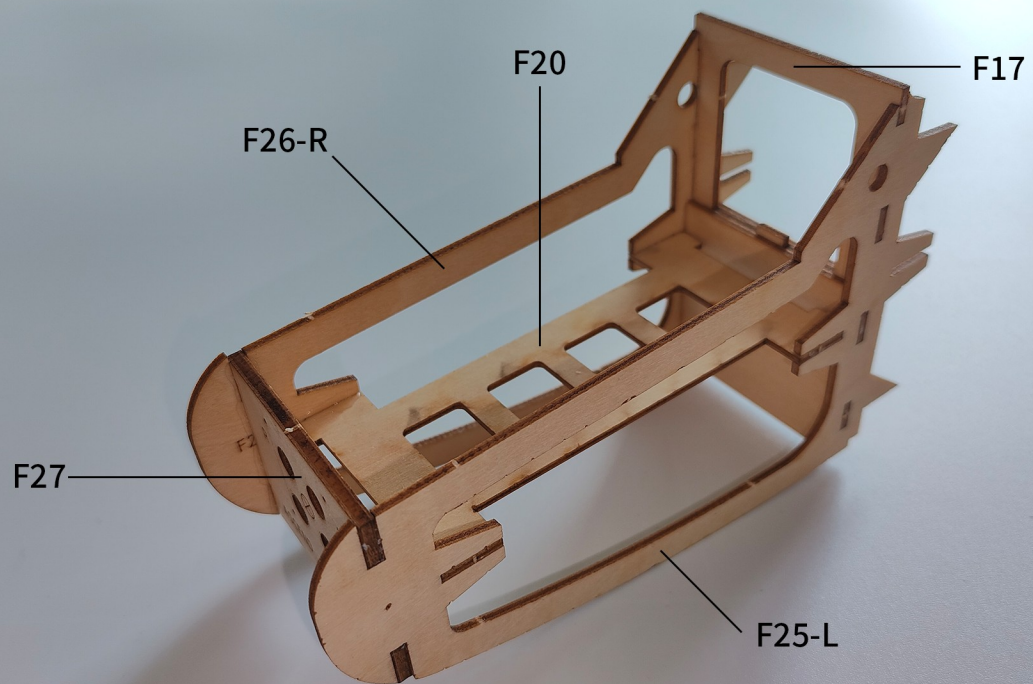
Note: This balsa model aircraft kit does not include covering material or any electronic equipment.

## 1. FUSELAGE ASSEMBLY

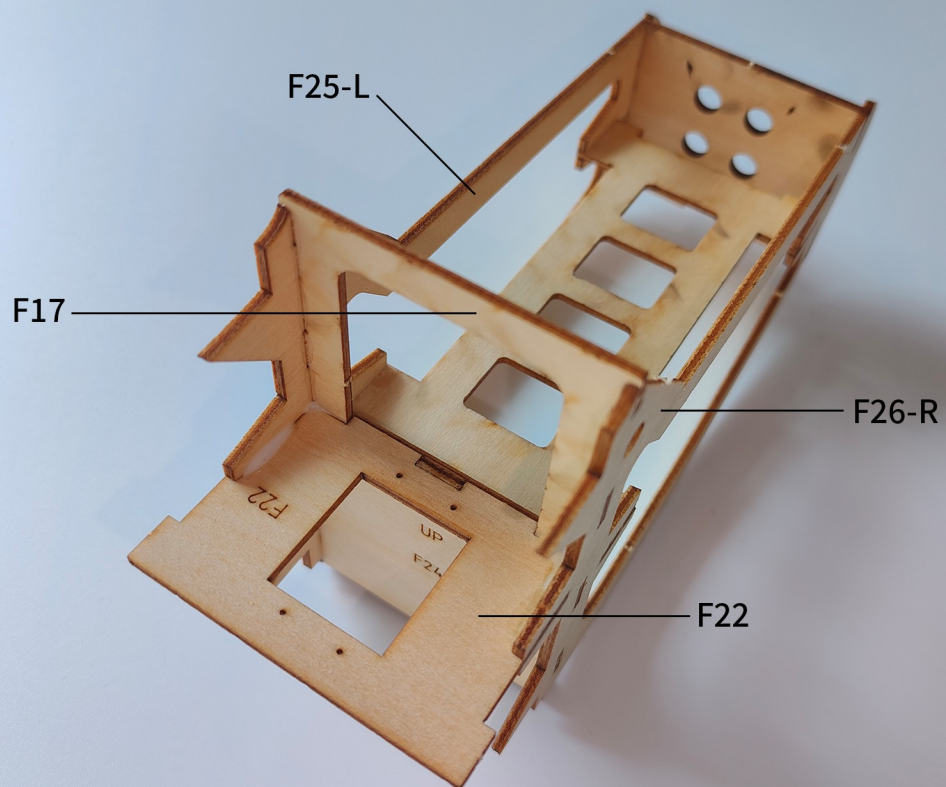




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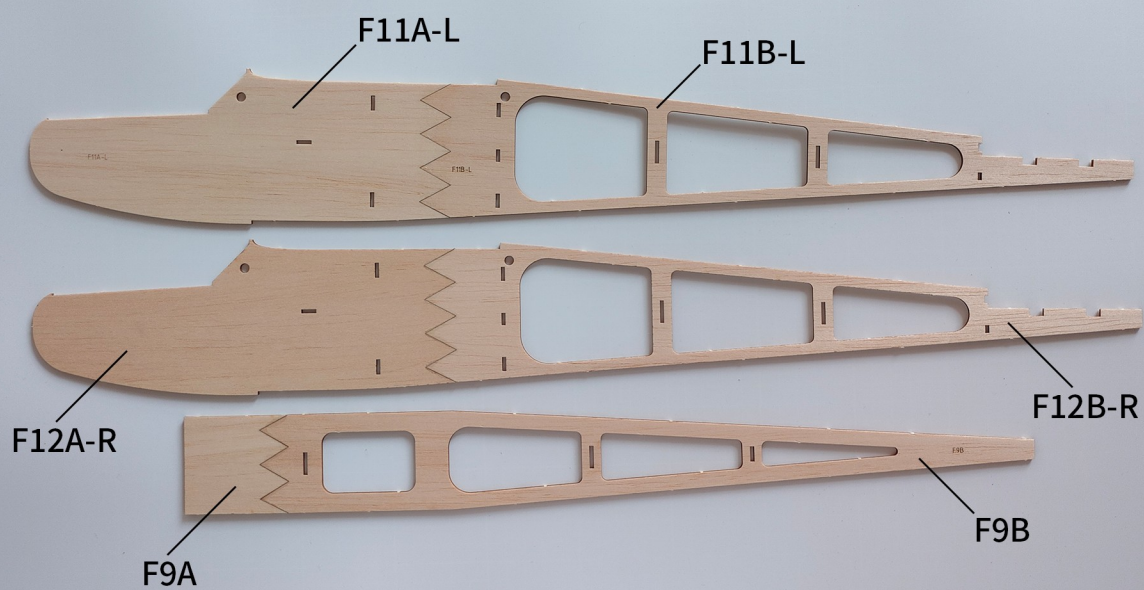


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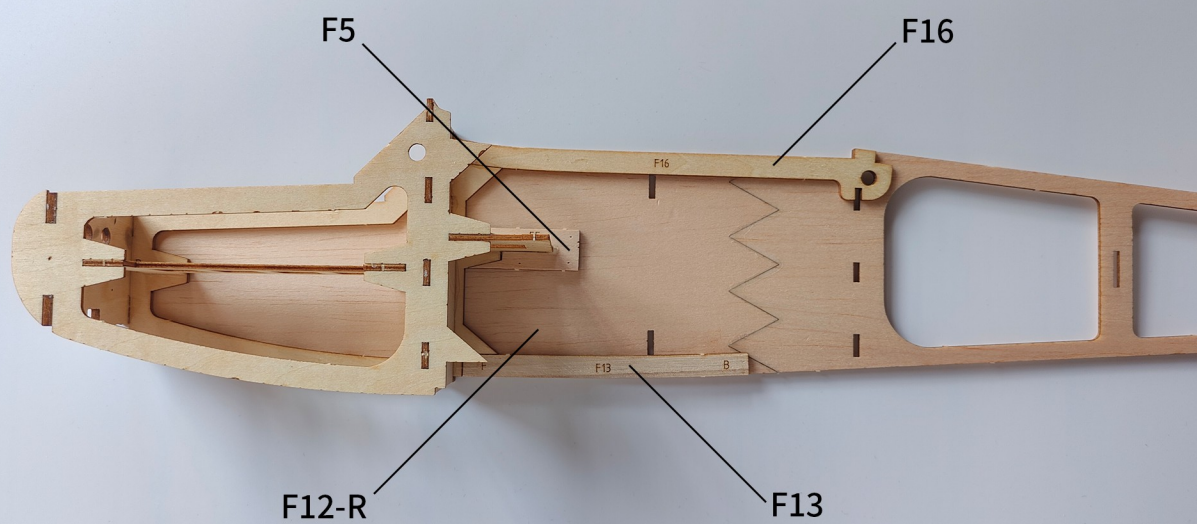


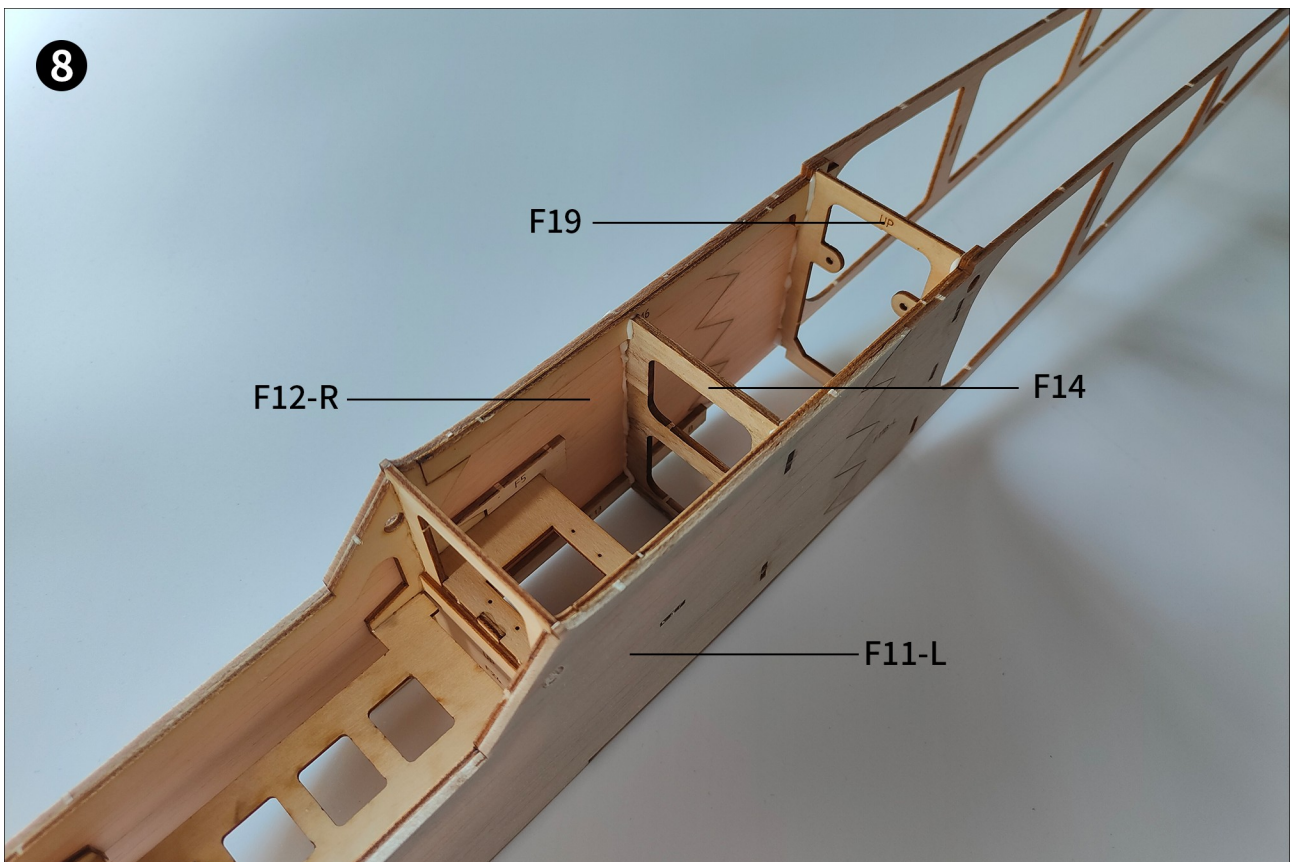
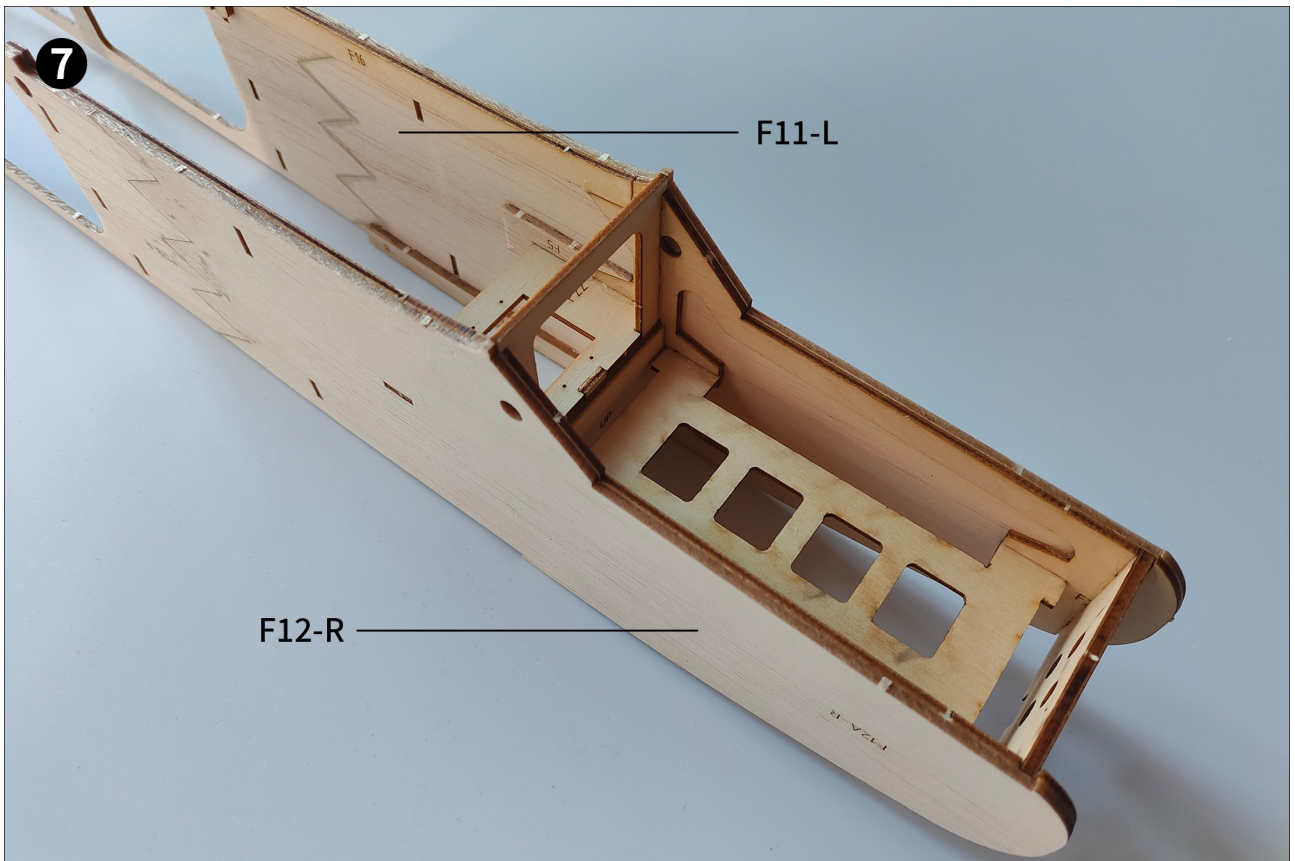


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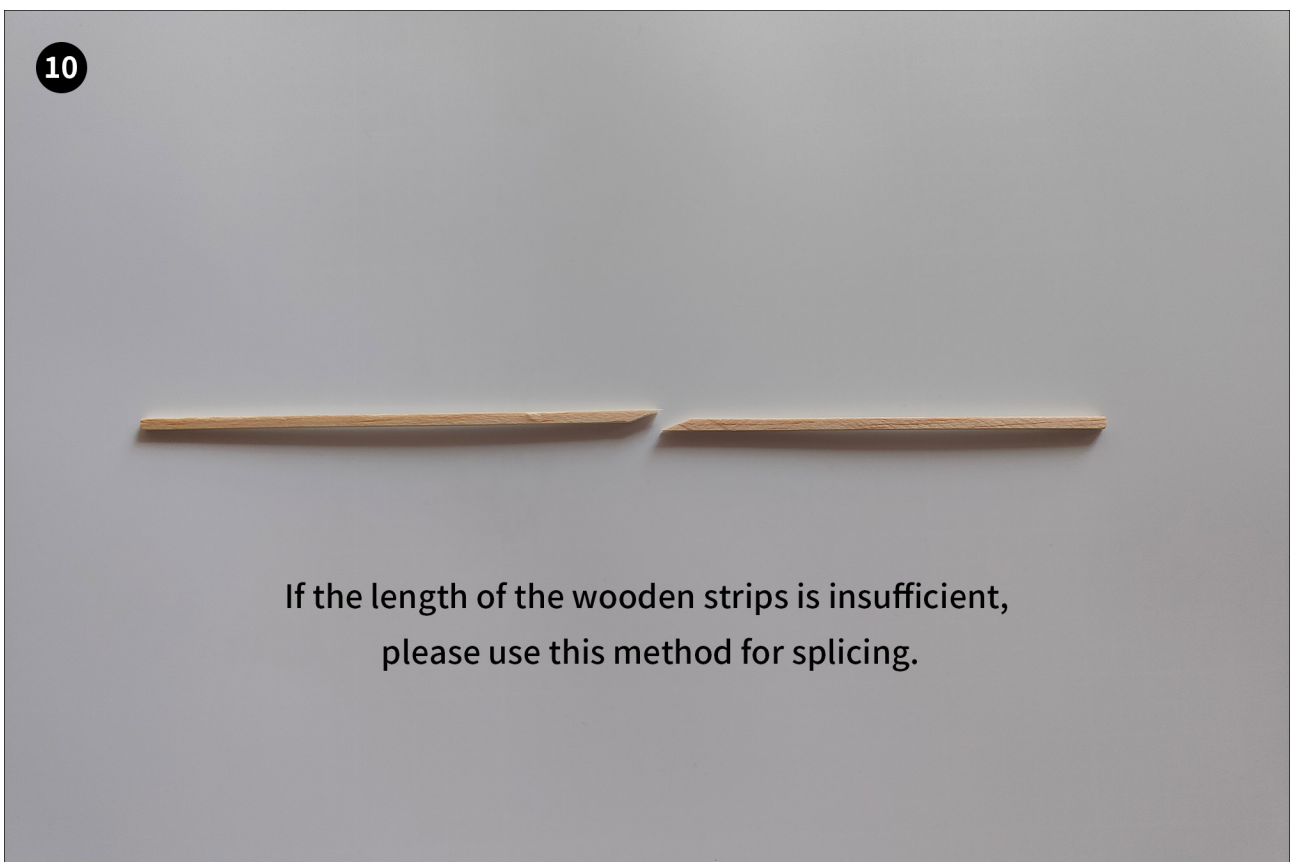
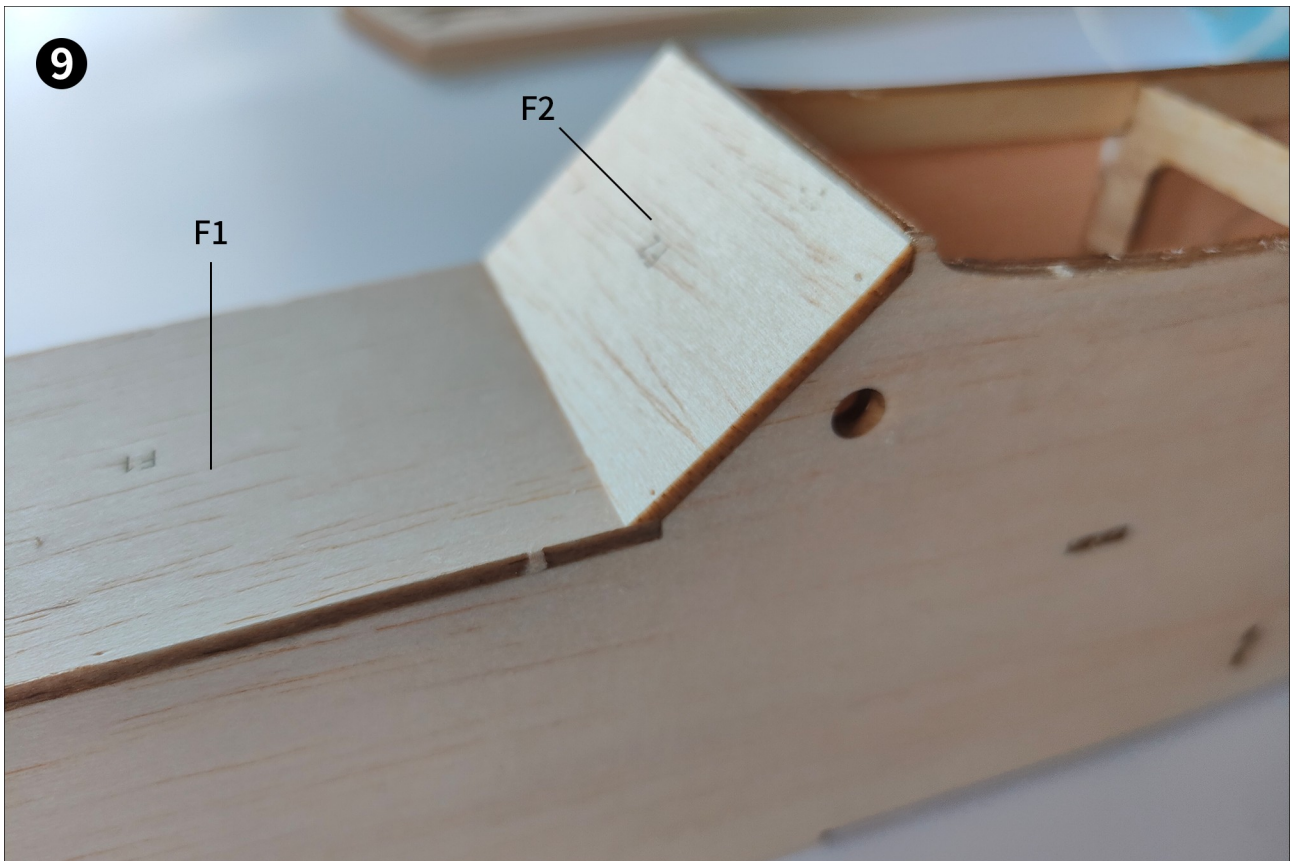


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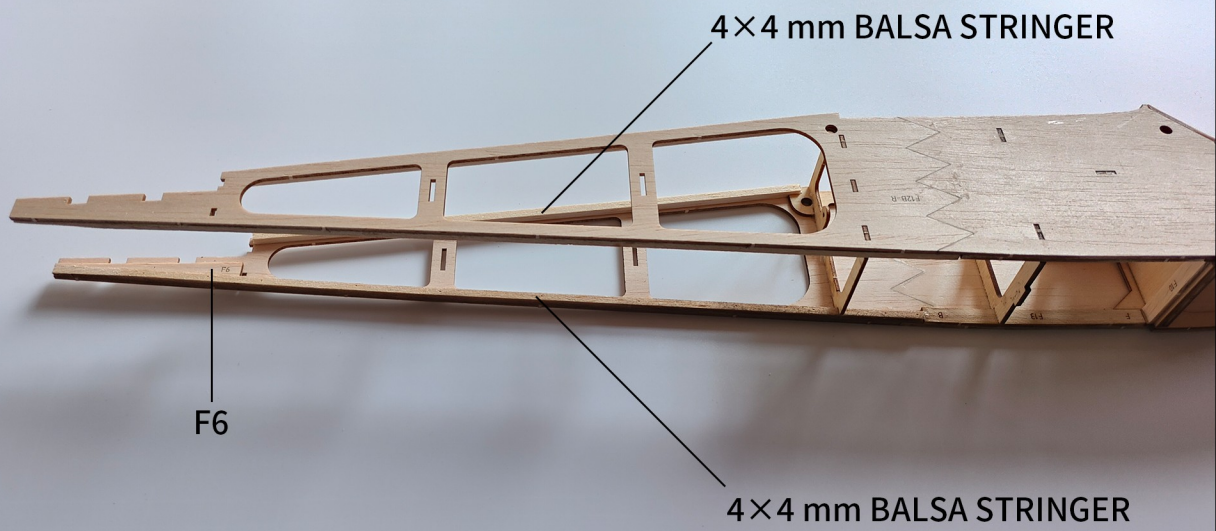




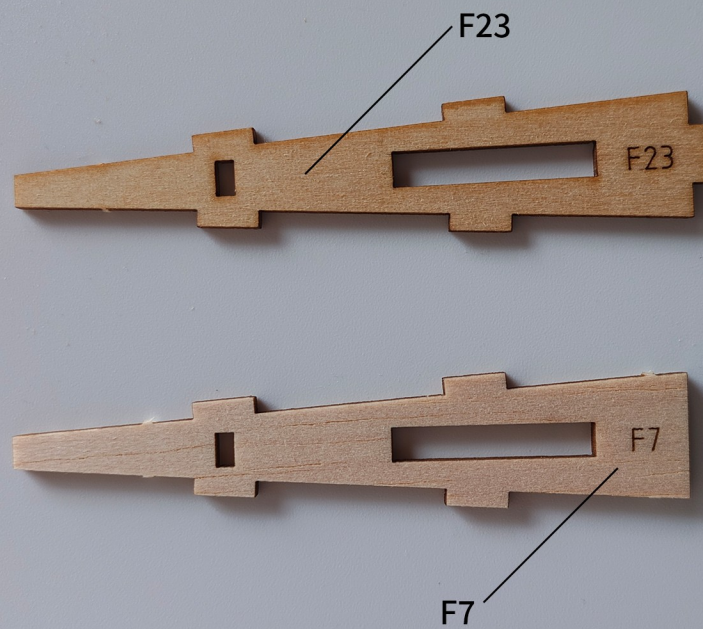




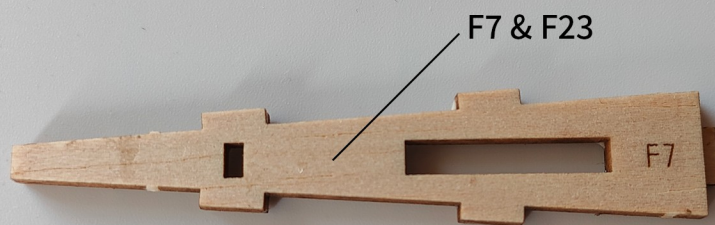
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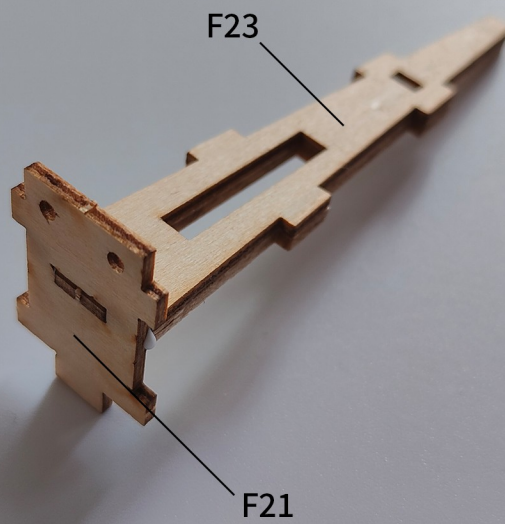
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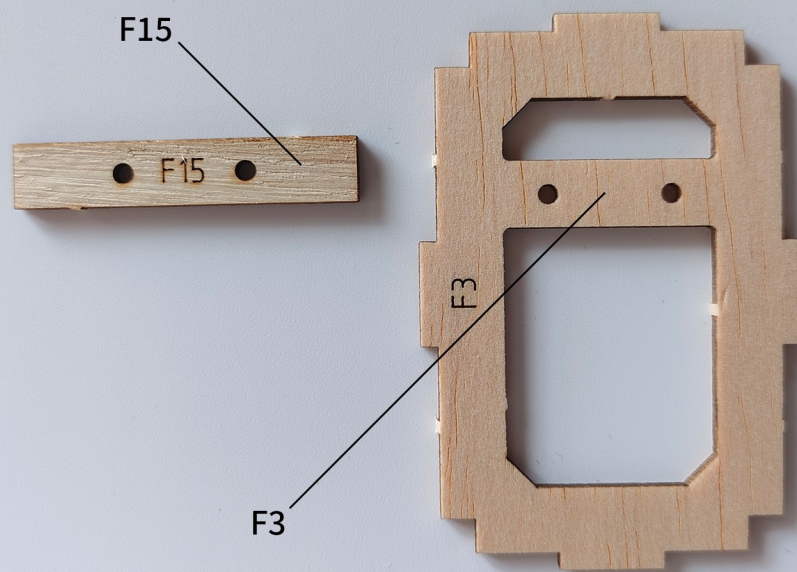


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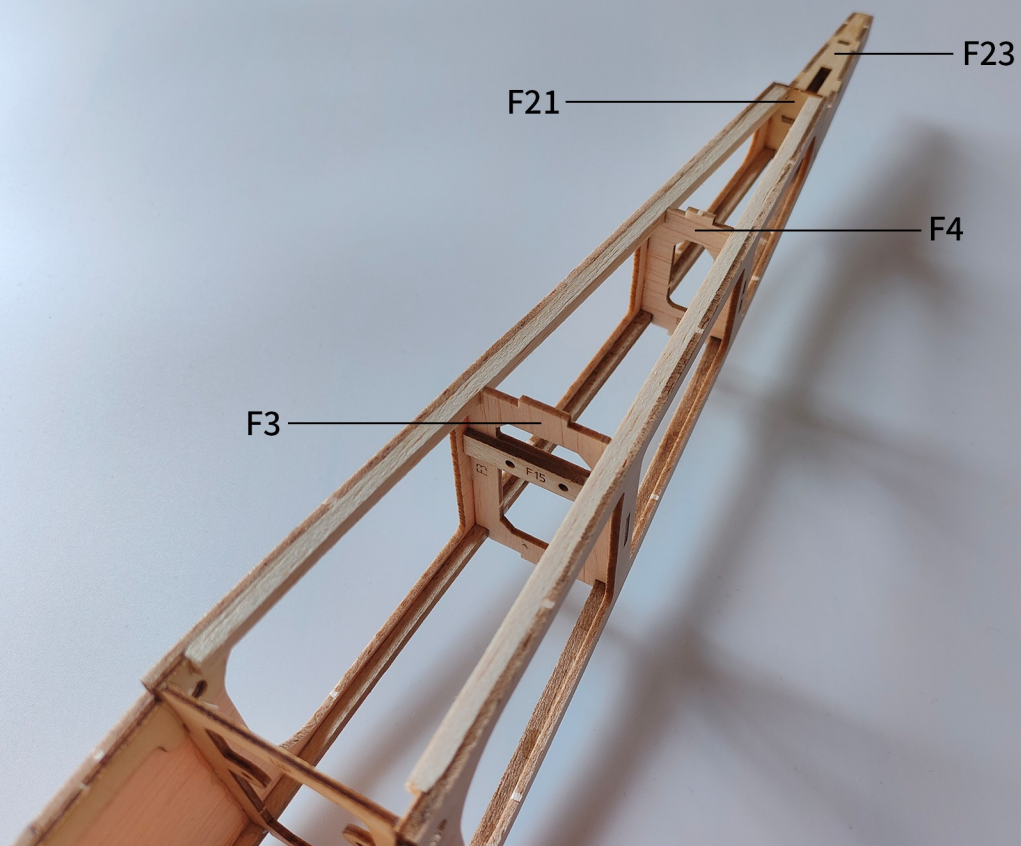




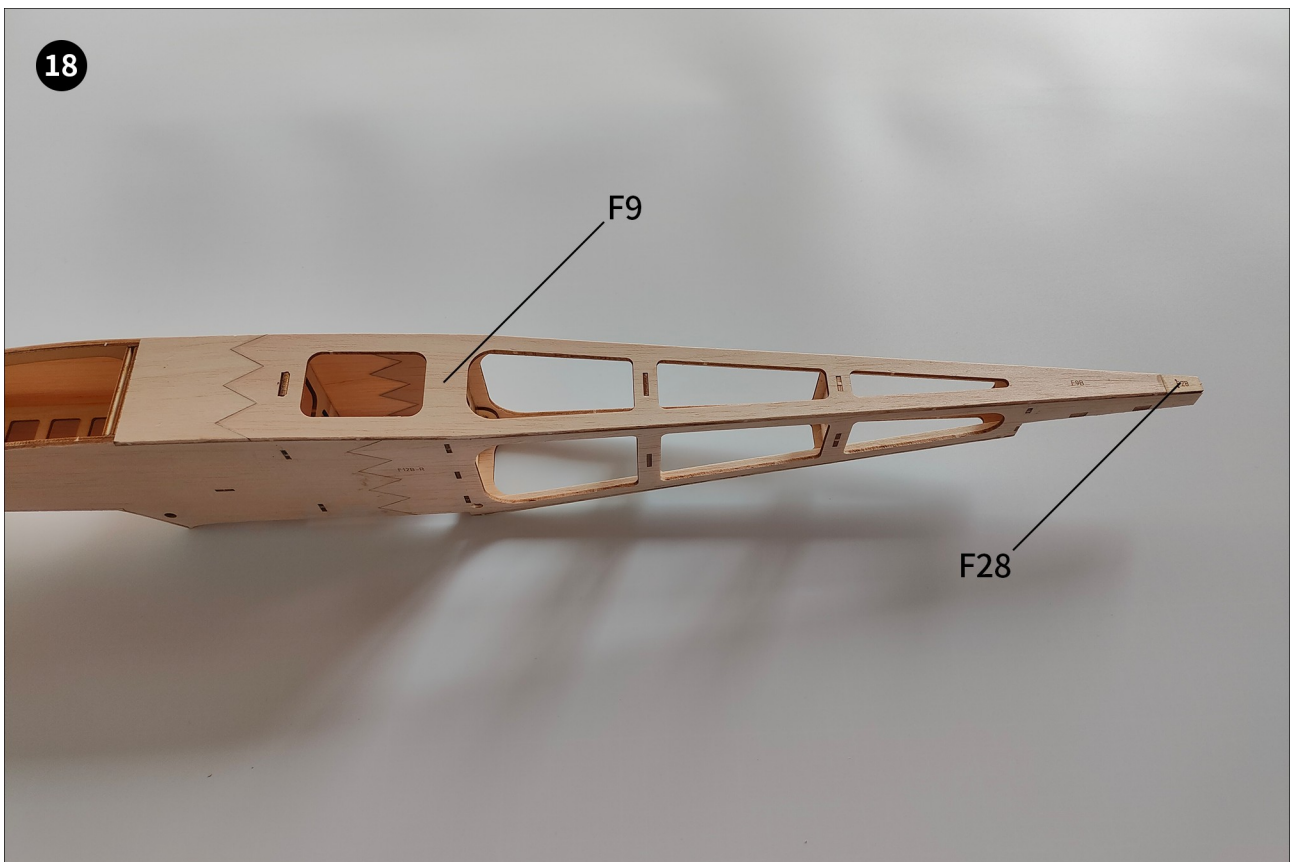
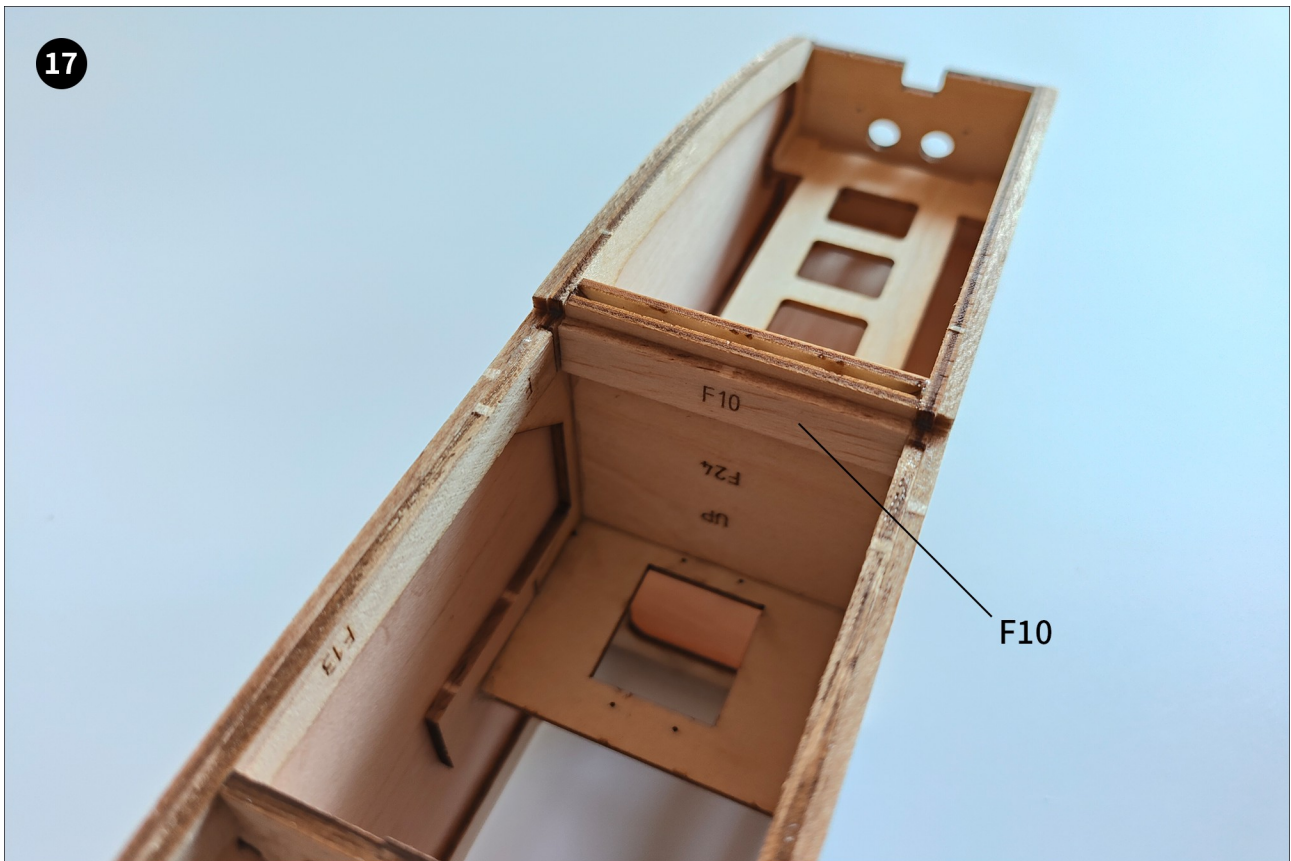
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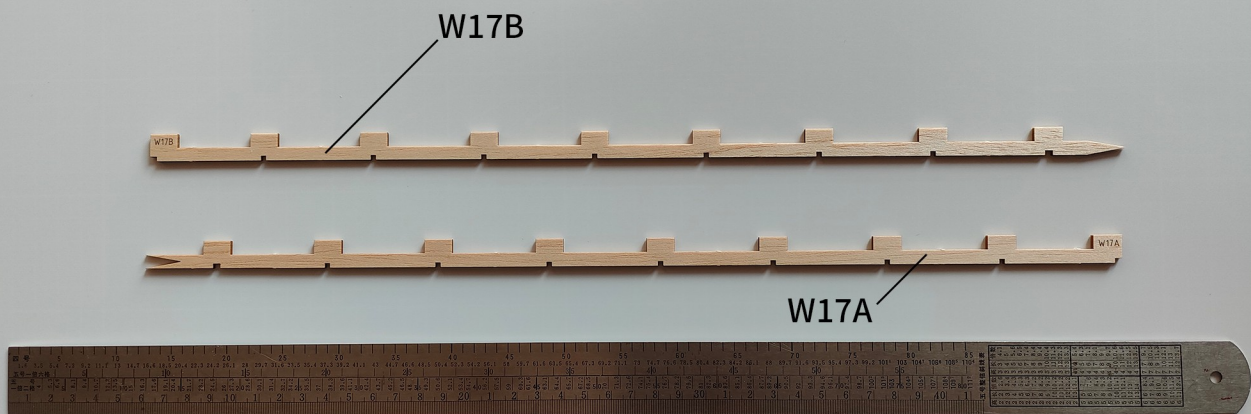
## 2. WING ASSEMBLY

1



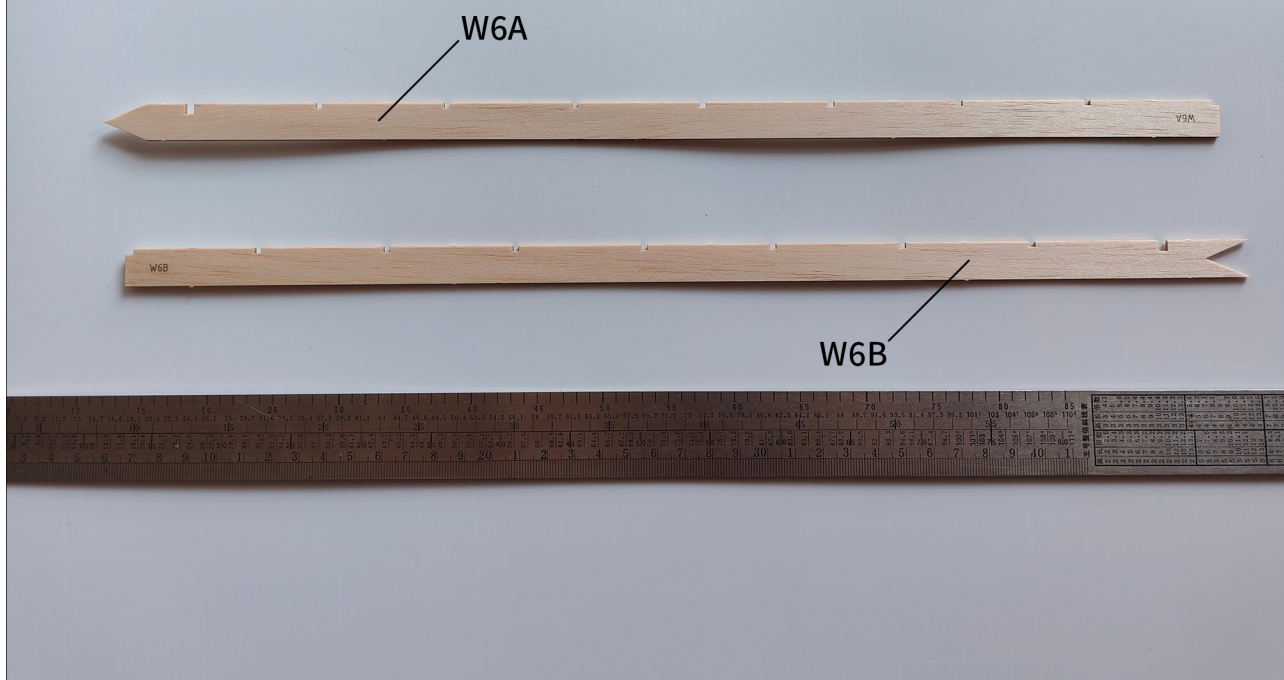
All parts that need to be spliced need to be aligned using a ruler during the bonding process to prevent deformation.

2

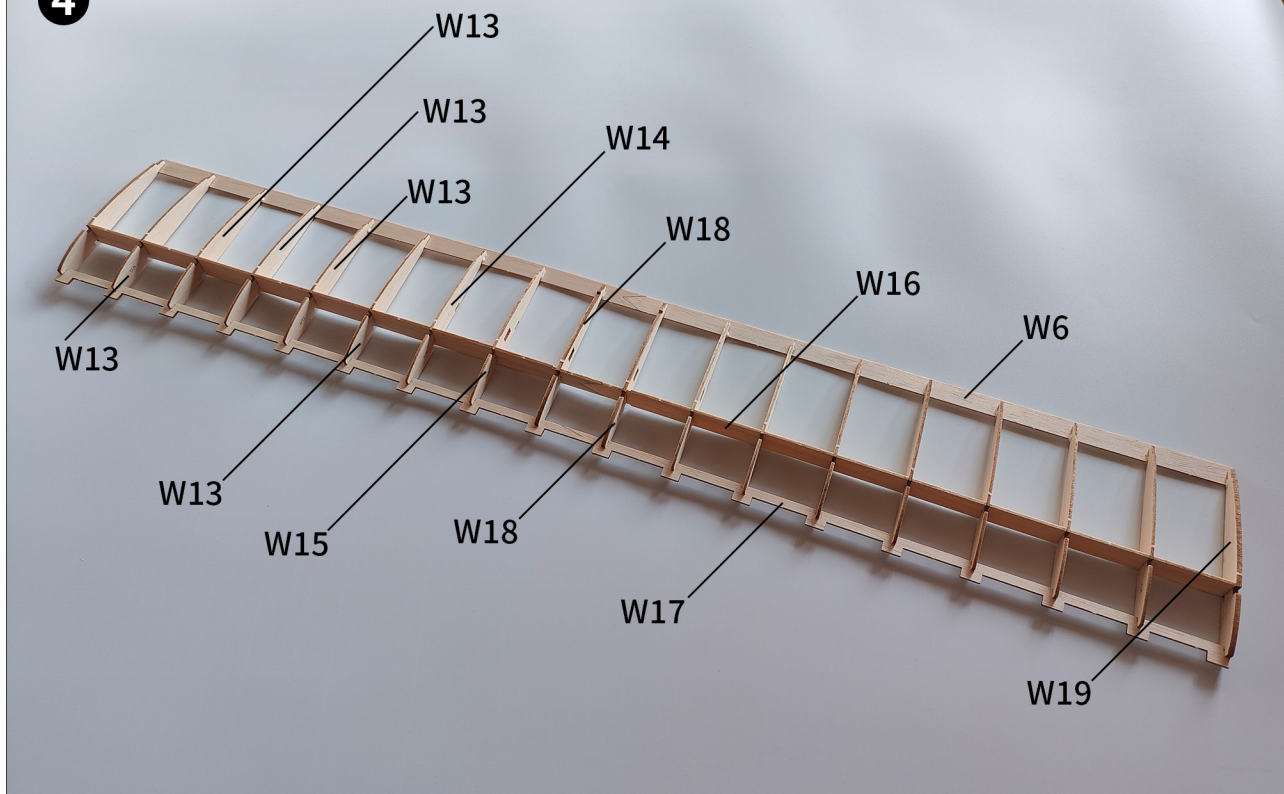




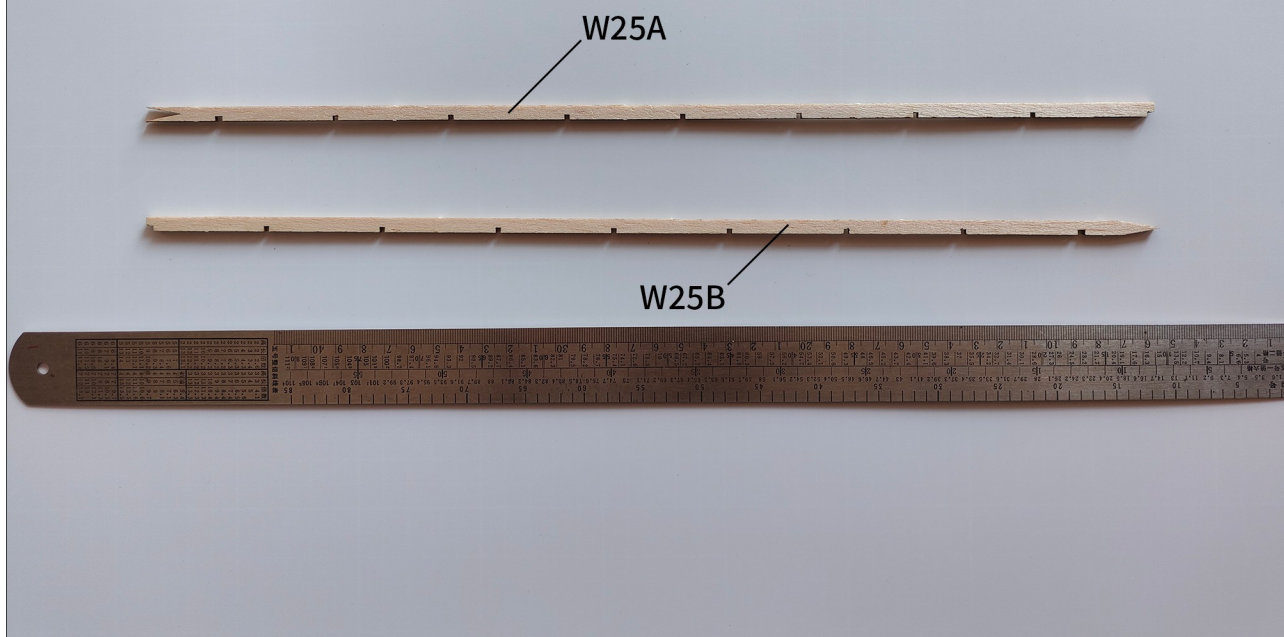
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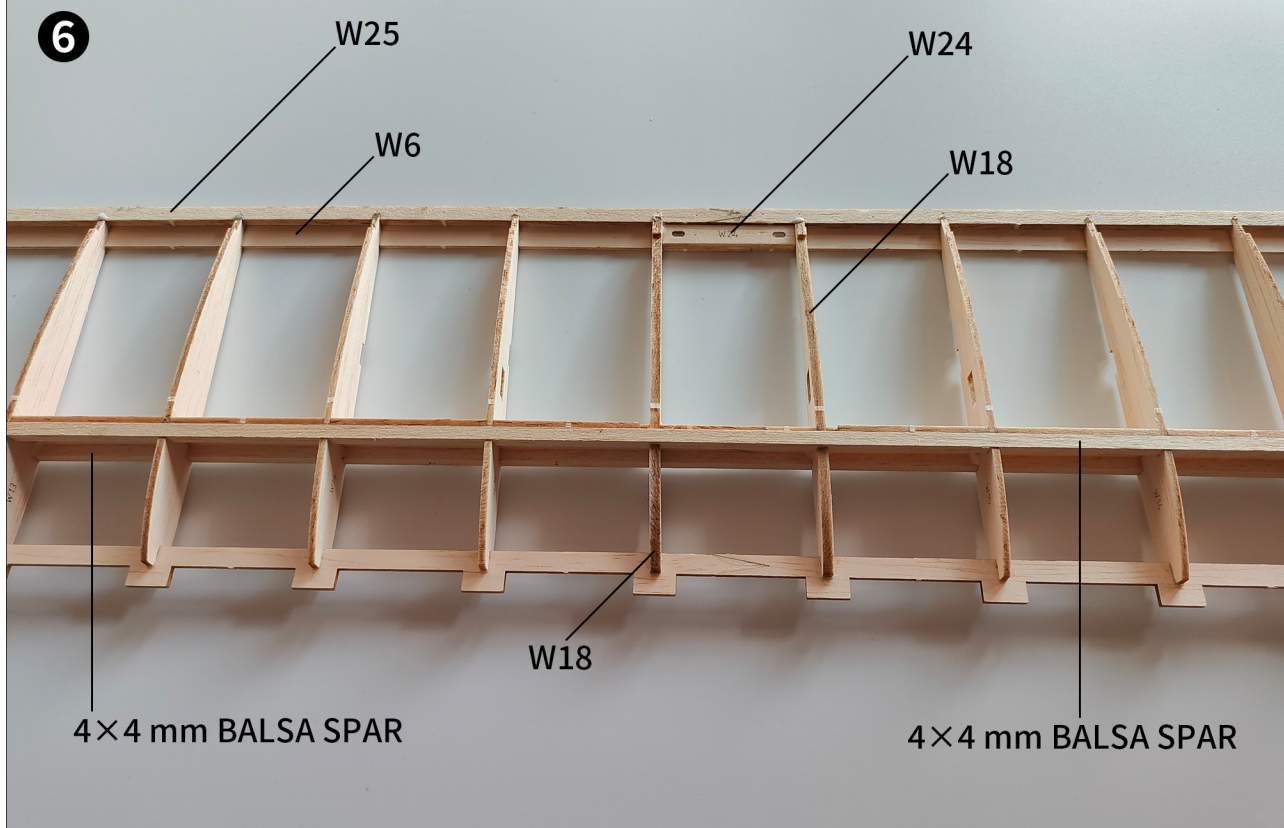
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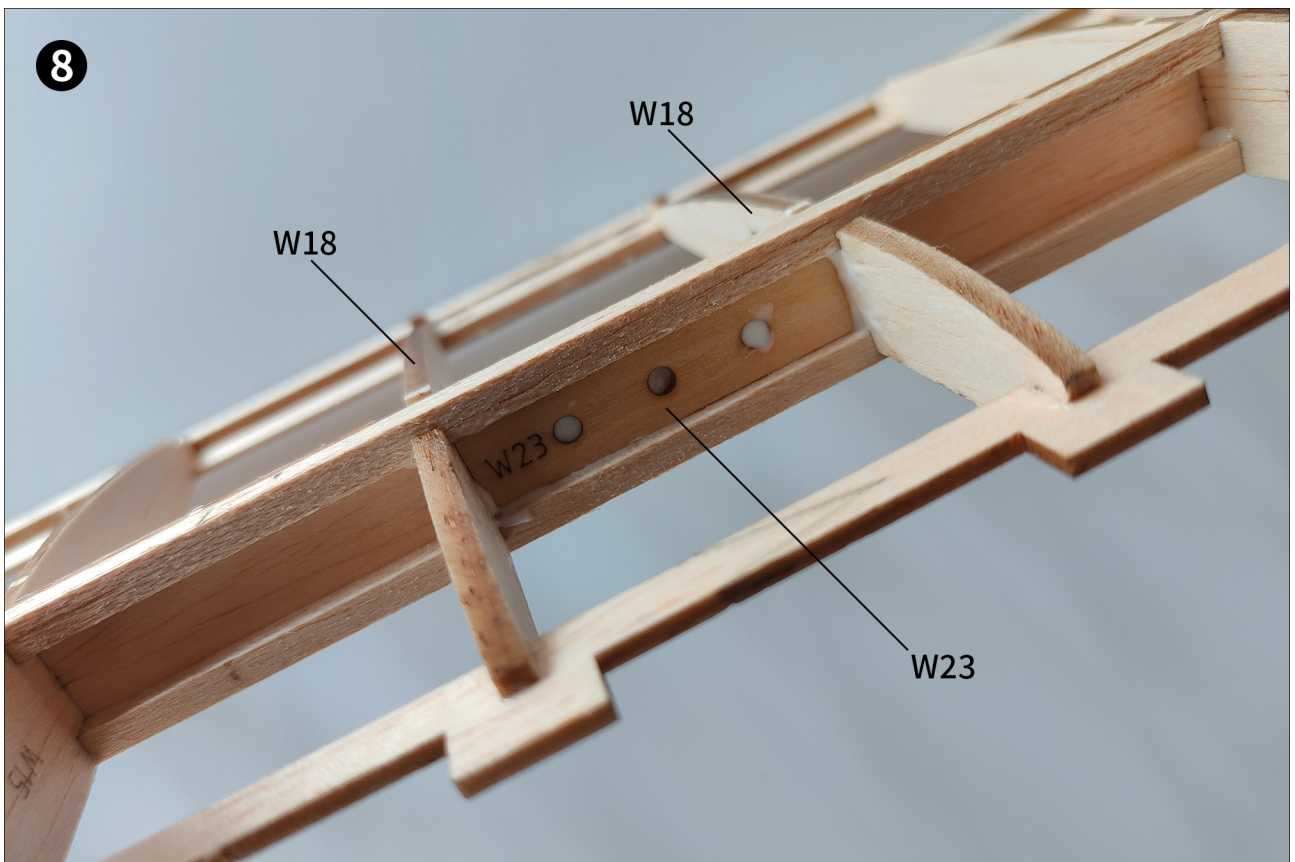
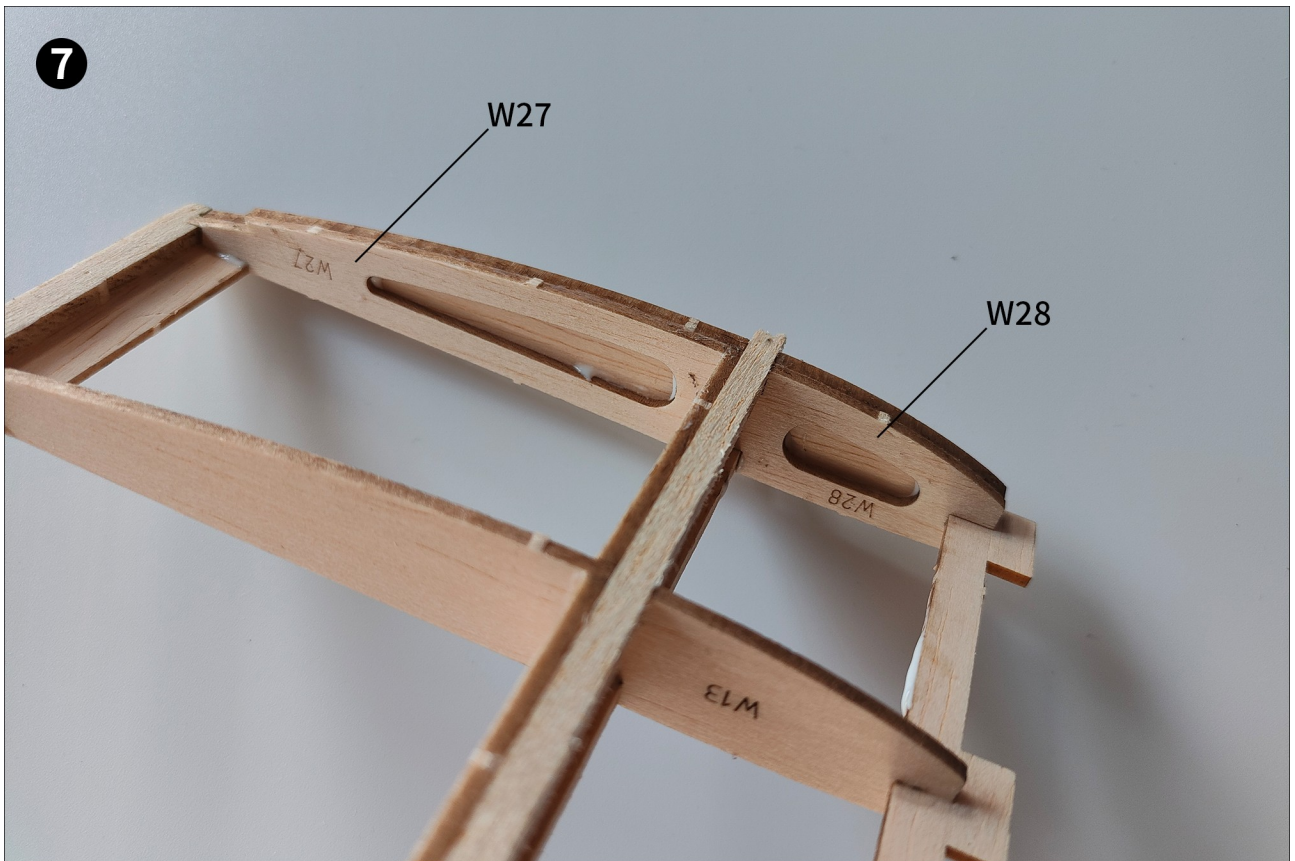
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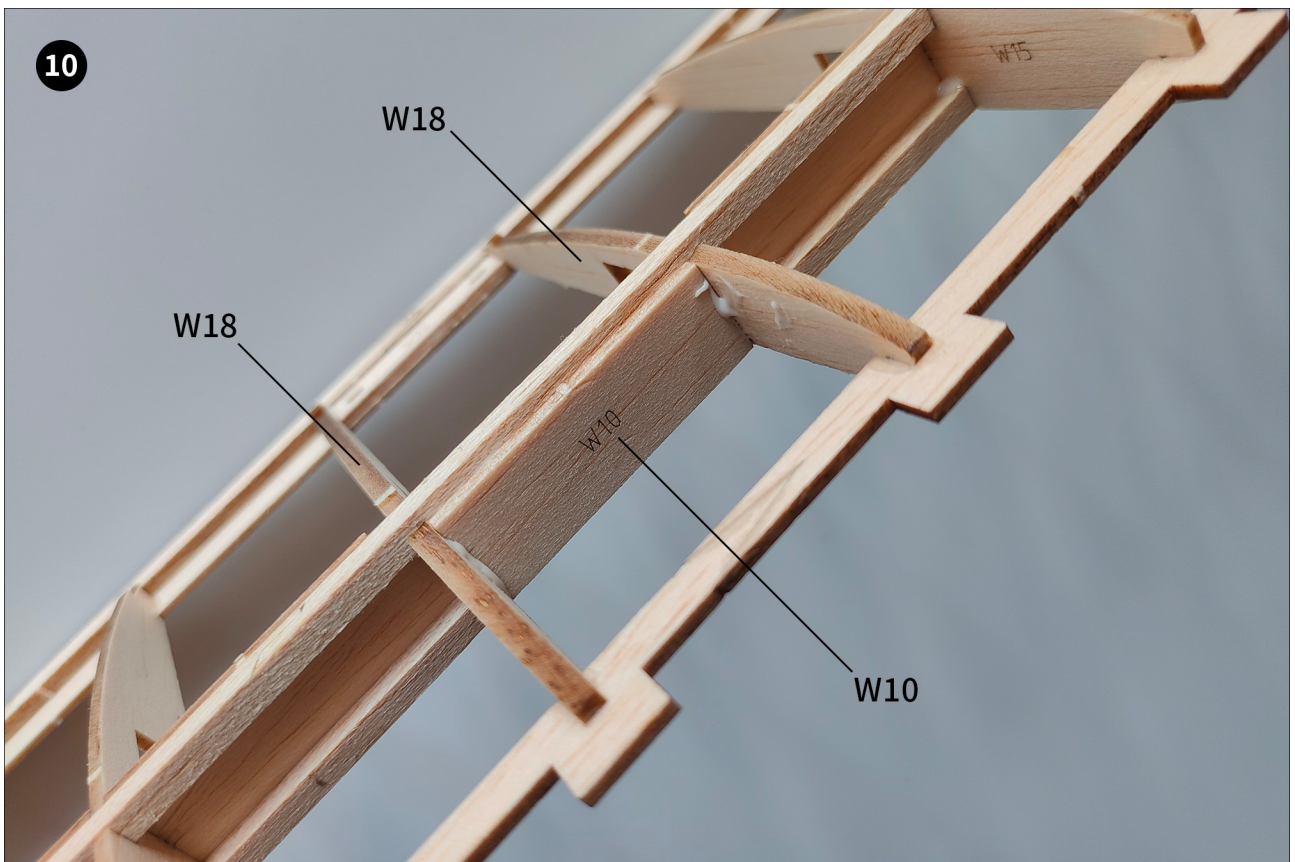
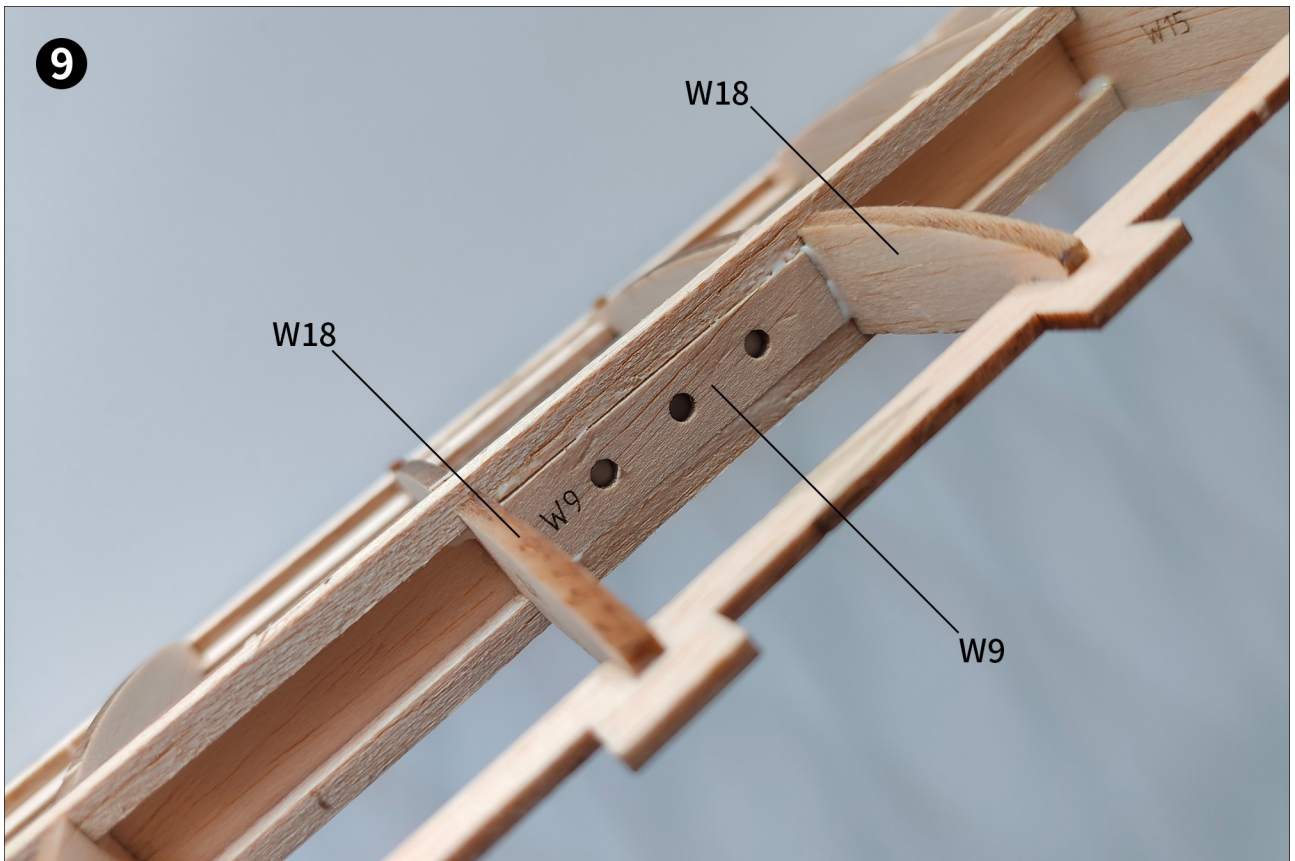
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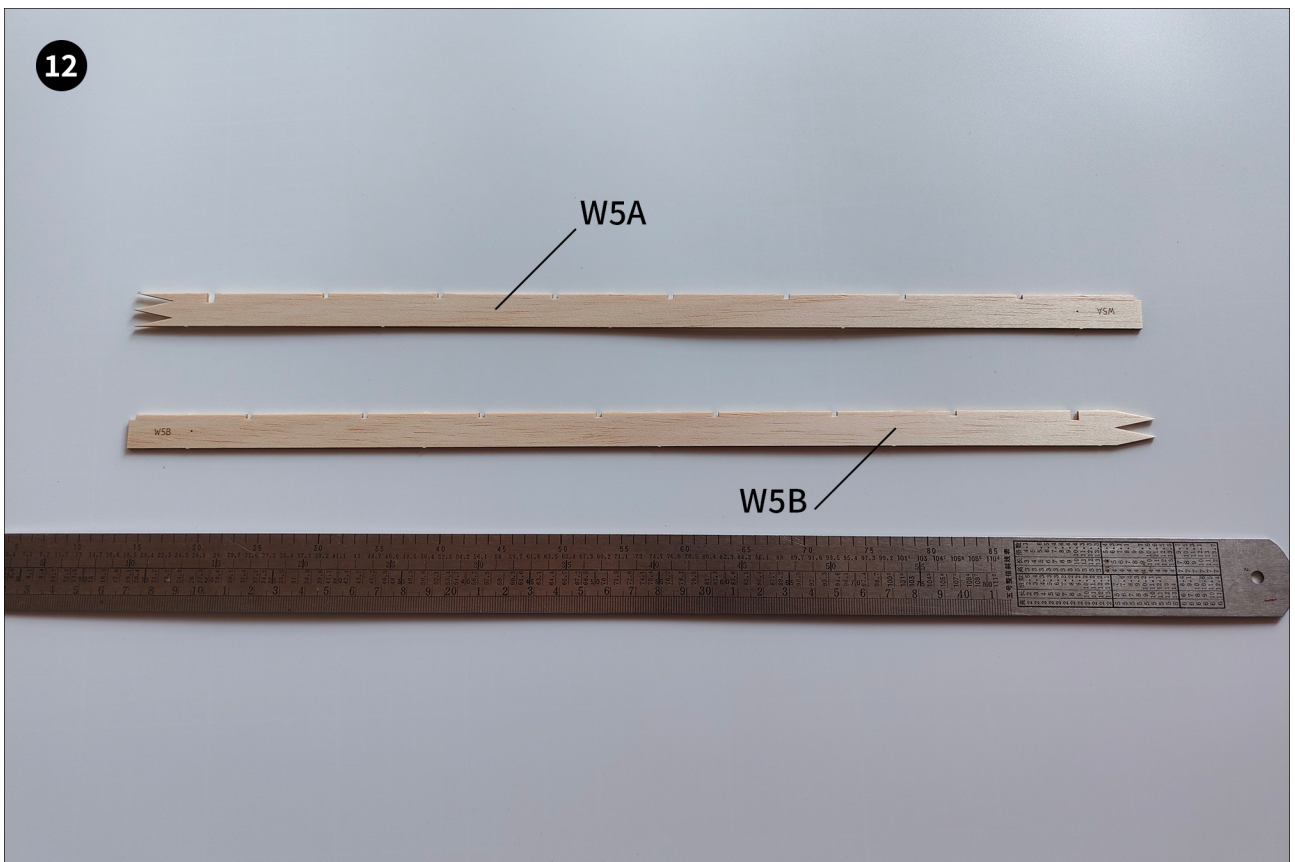
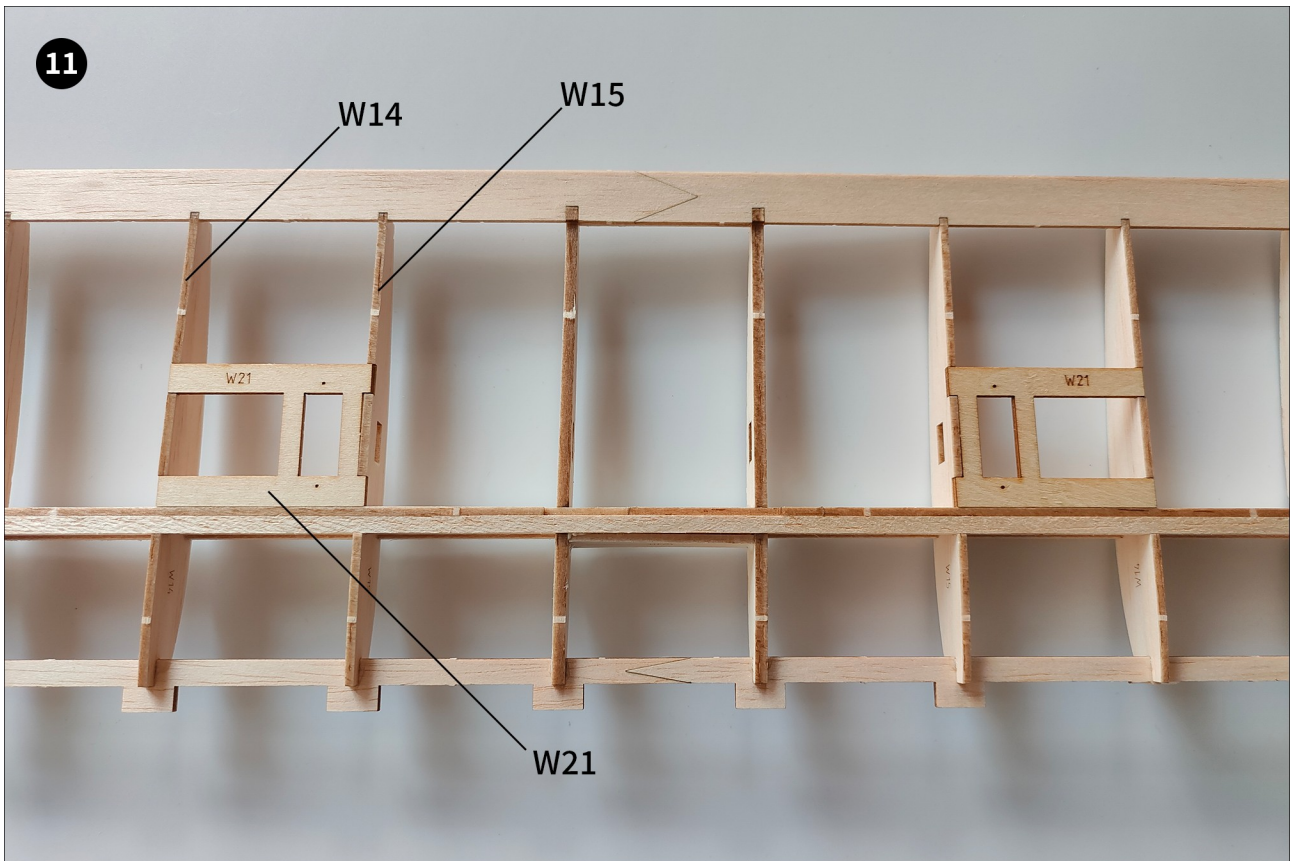






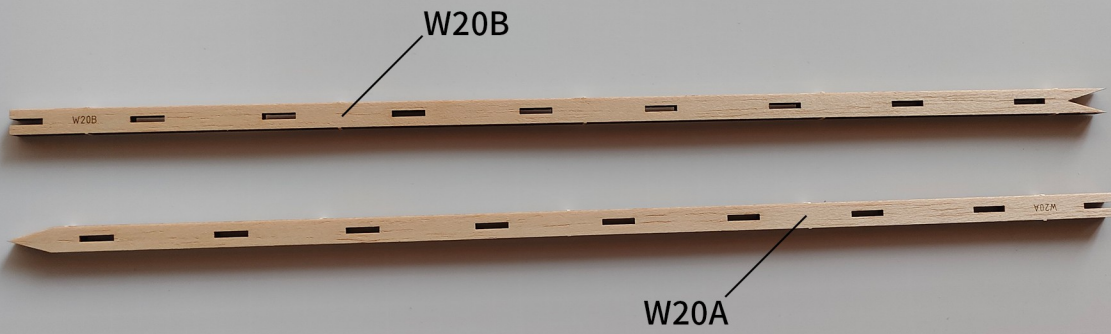








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