

# ASCEND HOBBIES

## Lima 42in

### 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: 1070mm

Length: 862.5mm

Wing Area: 22dm<sup>2</sup>

Airfoil: Asymmetric Airfoil

Dihedral Angle: 5.5°

Flying Weight: 800~850g

Power Required: 2212 Brushless Motor

Speed Controller Required: 25~30A

Servos Required: 9g Servo × 4

Battery Required: 3S

Prop Required: 8 × 4

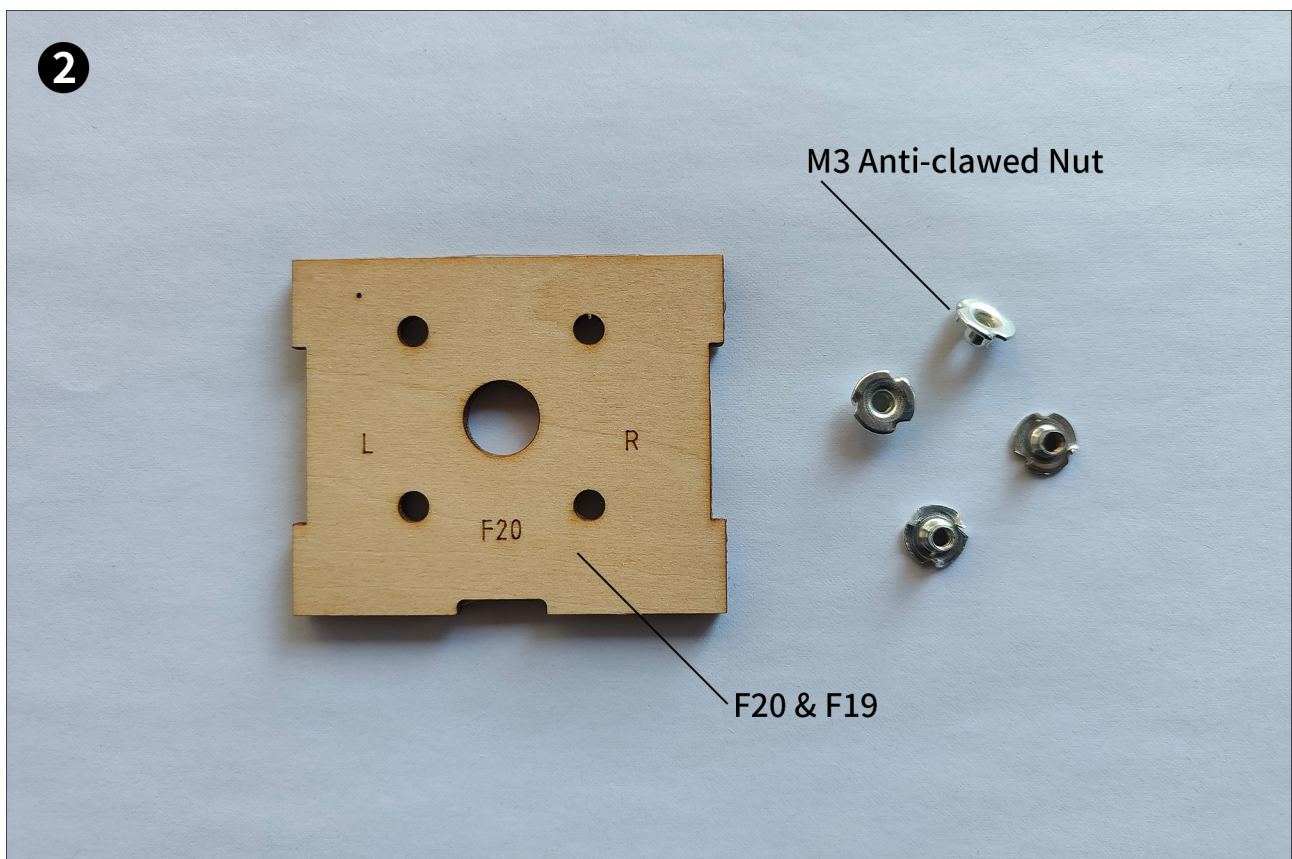
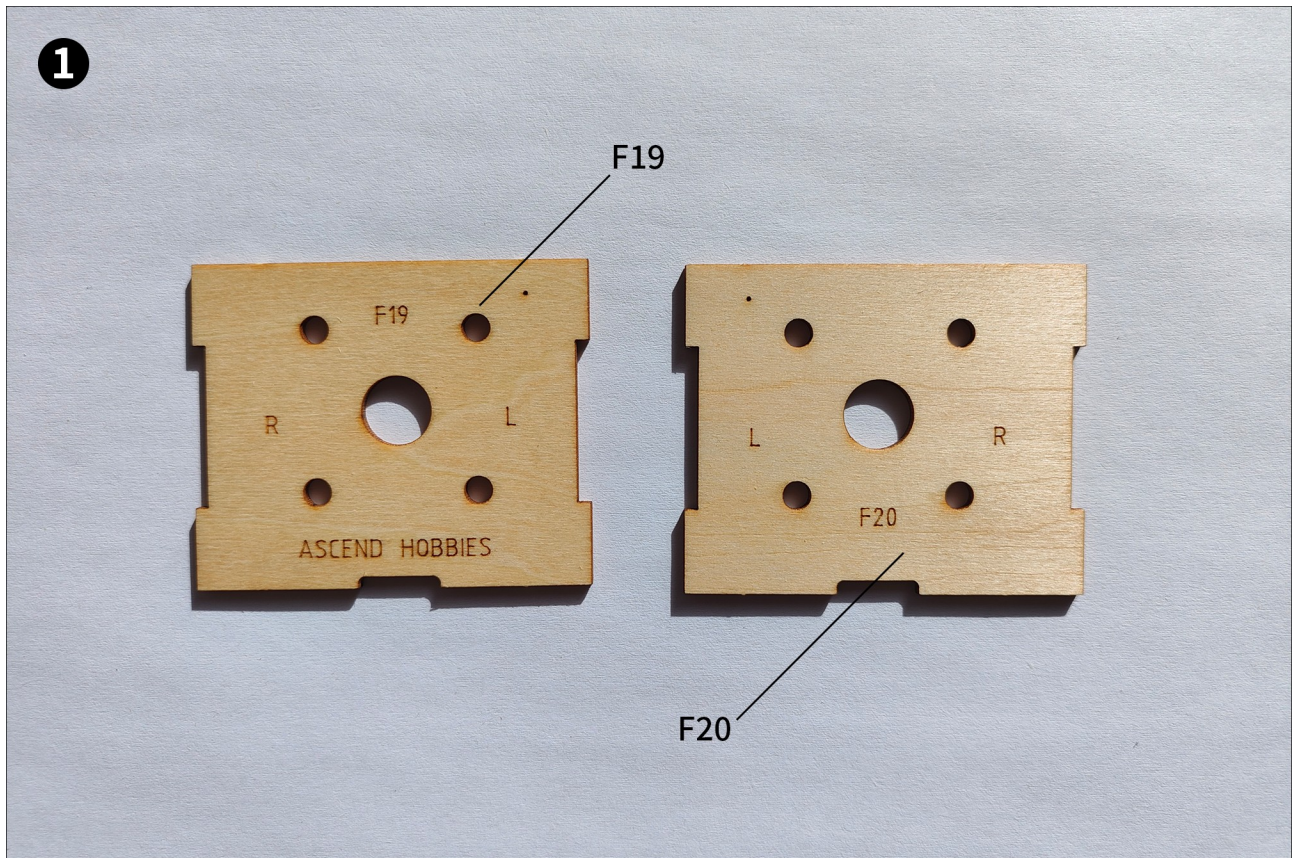
Radio Required: 4-Channel

CG (Center of Gravity): 72.5mm Rearward of wing leading edge

The design center of gravity (CG) is located 72.5mm 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.

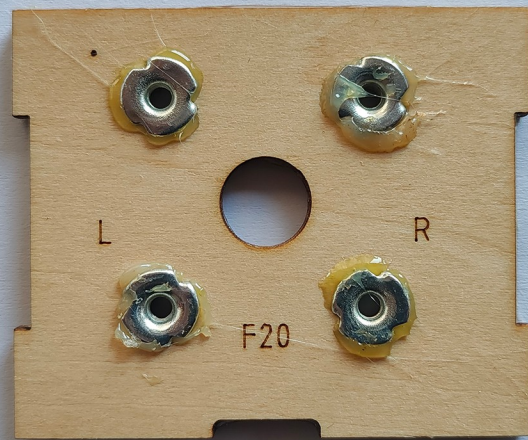
Note: This balsa model aircraft kit does not include covering material or any electronic equipment.

## 1. FUSELAGE ASSEMBLY



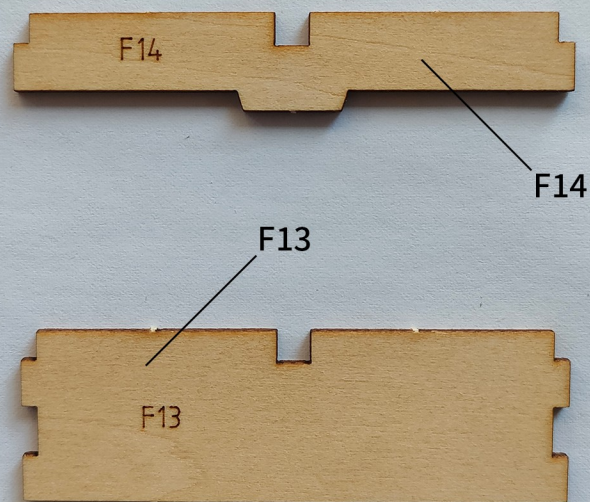


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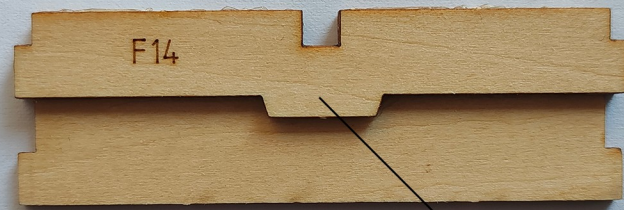
Please apply epoxy glue between plywood and claw nuts.

4



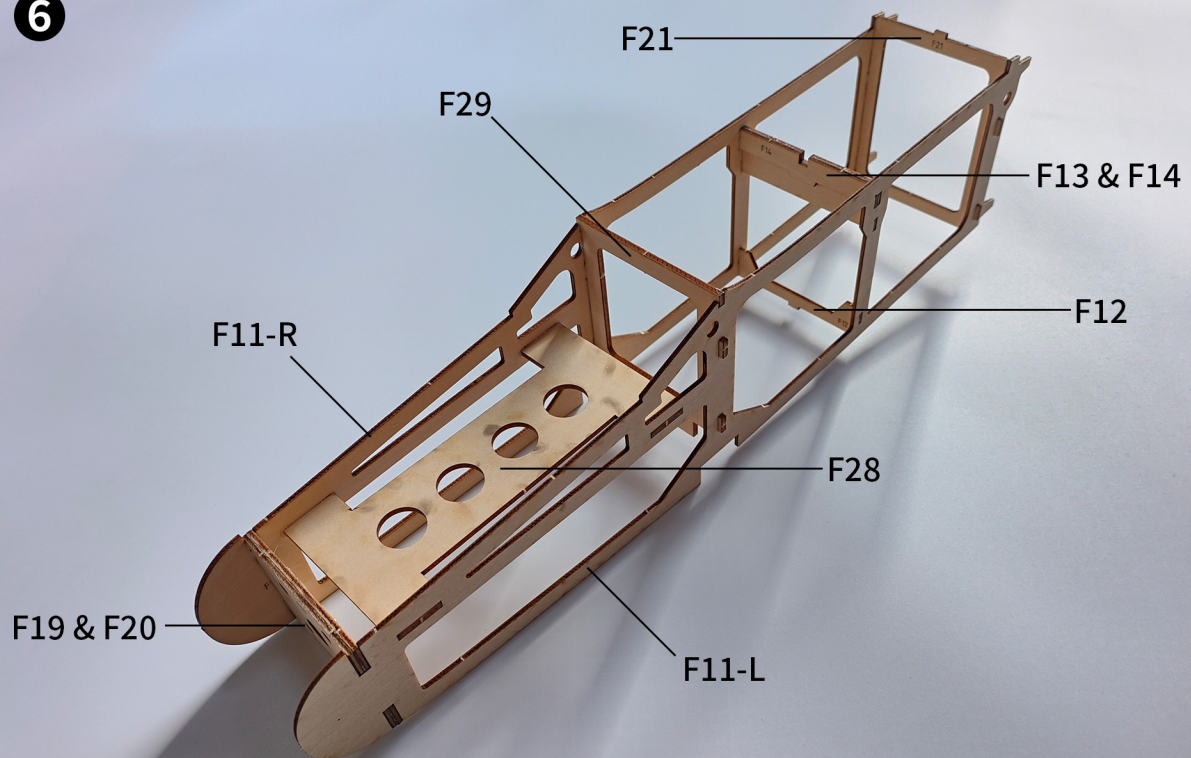


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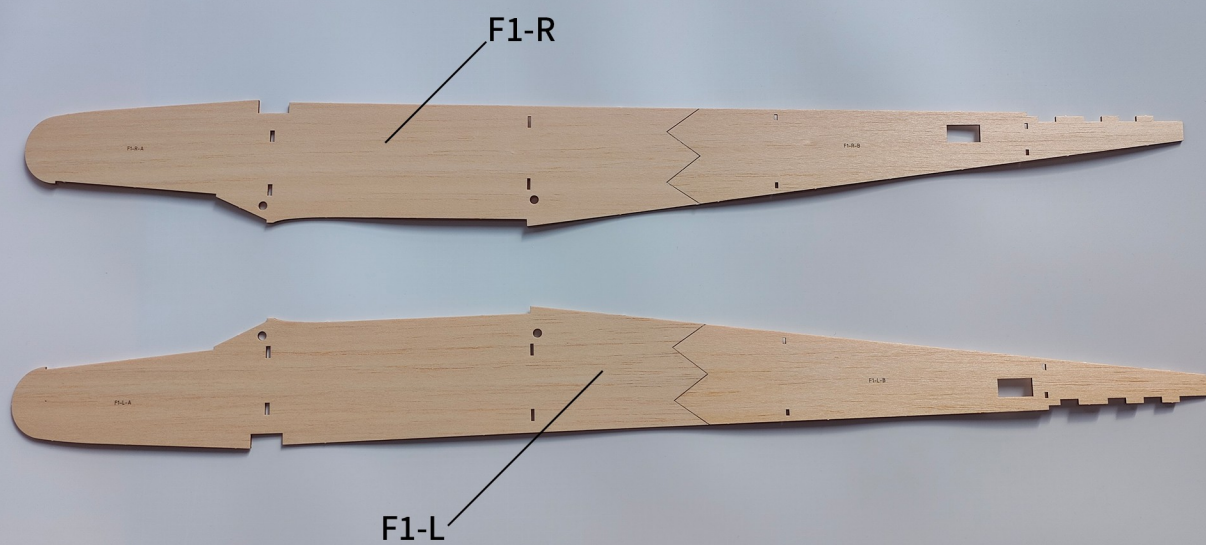


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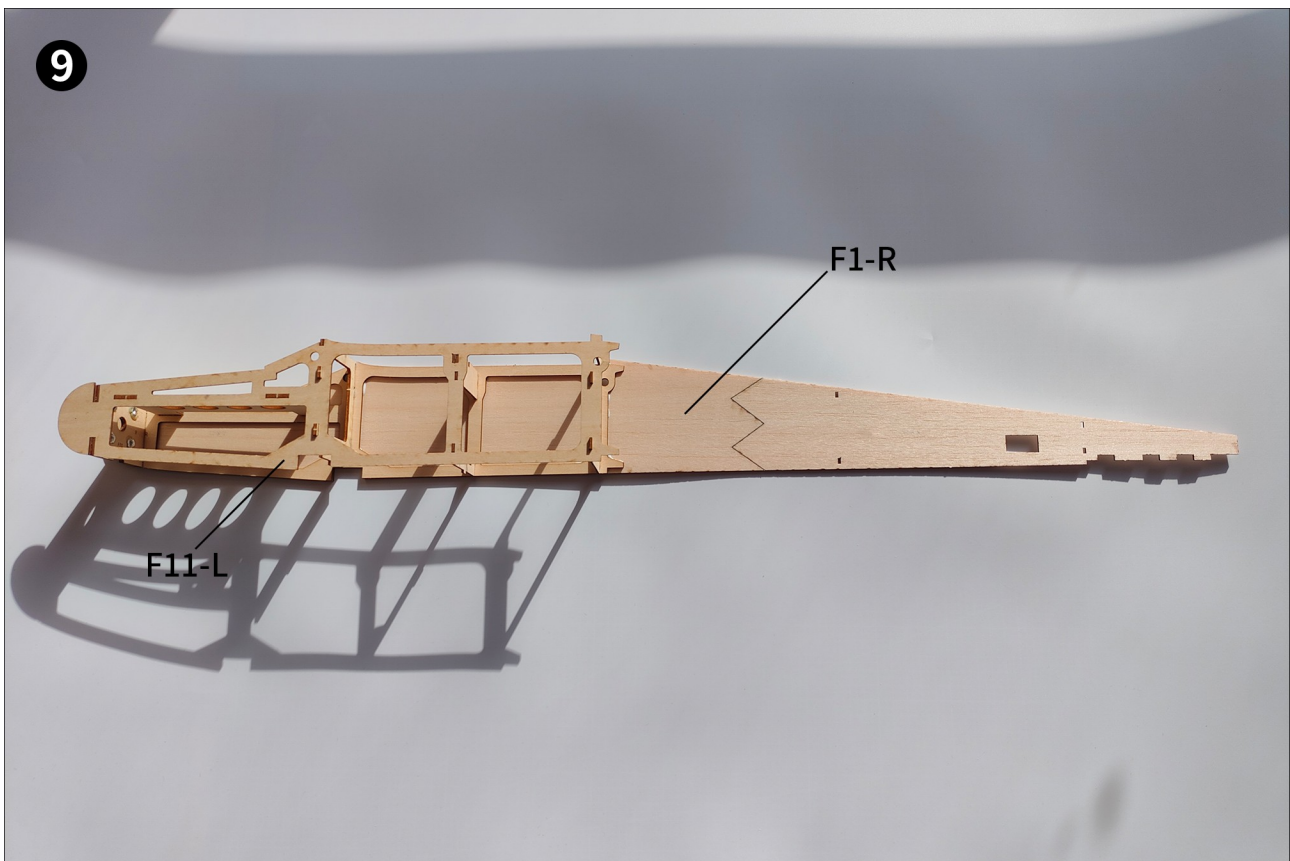
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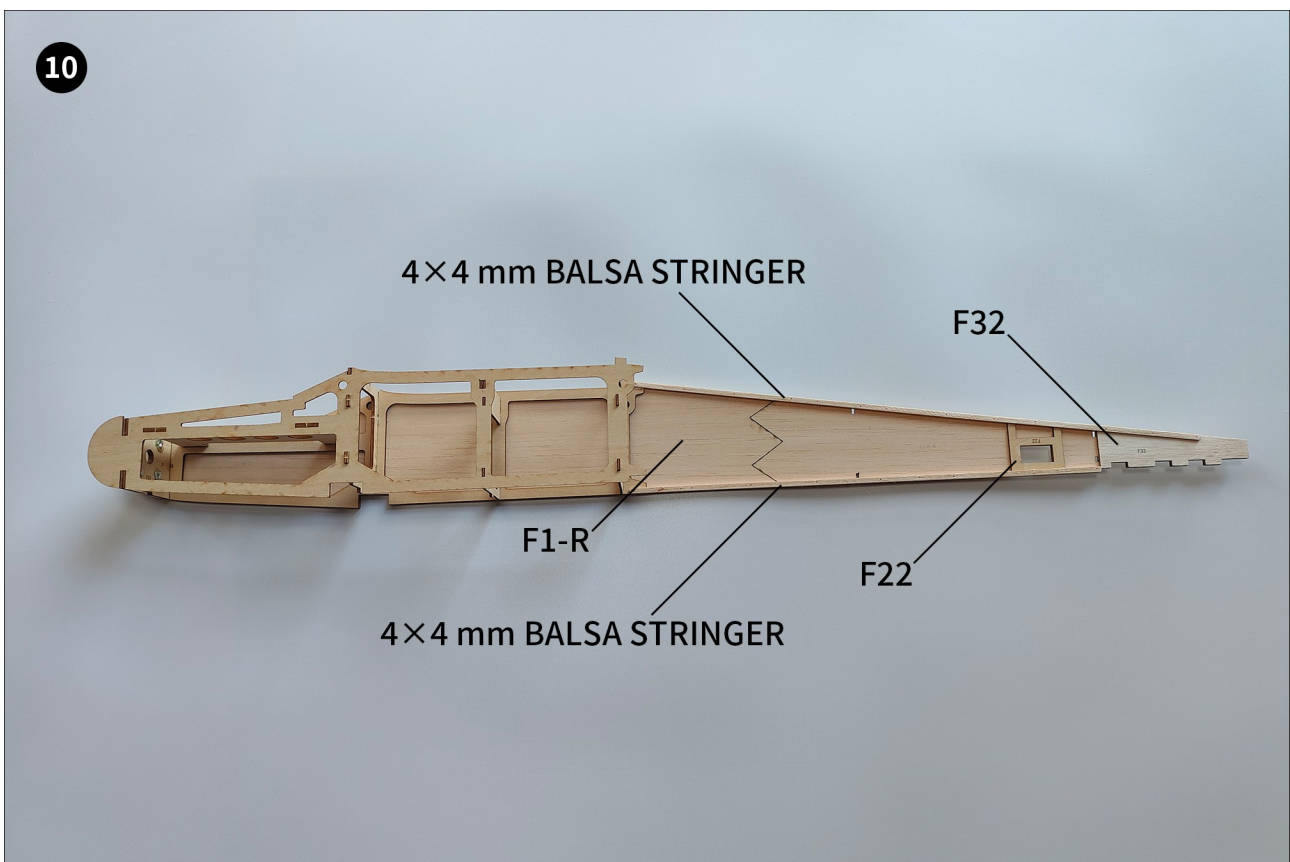
If the length of the wooden strips is insufficient,  
please use this method for splicing.



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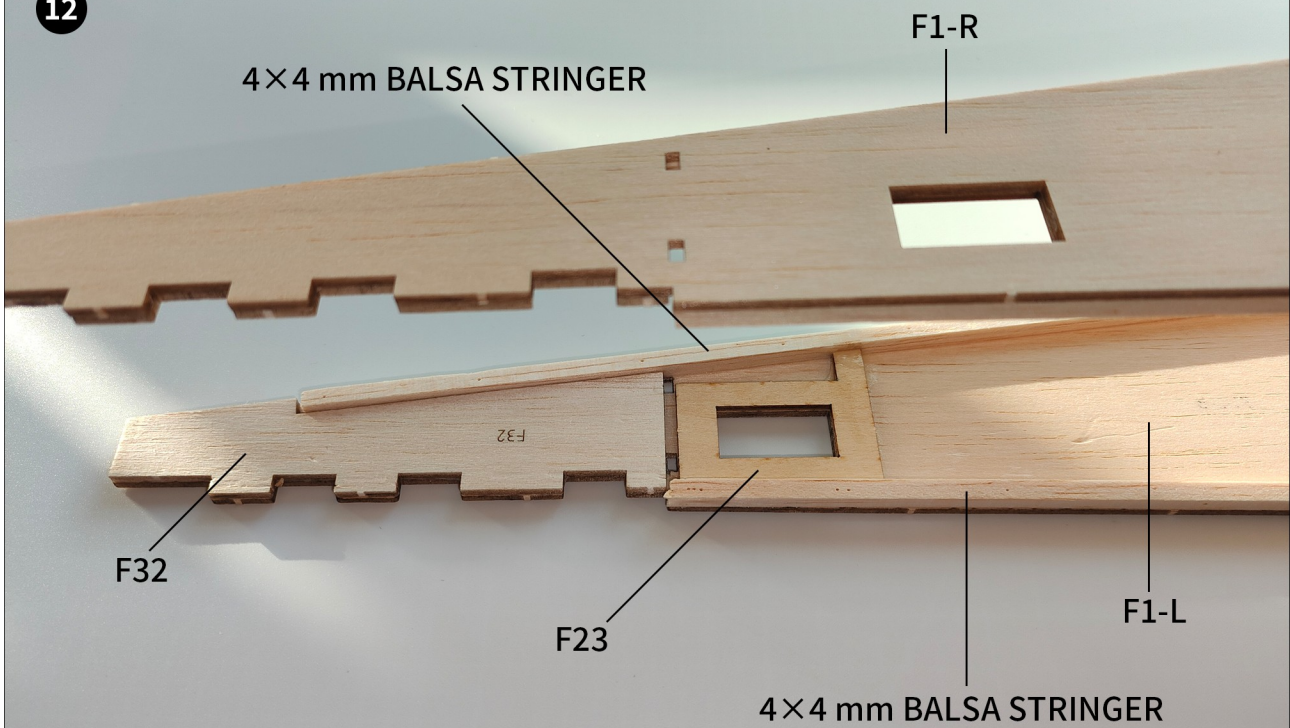
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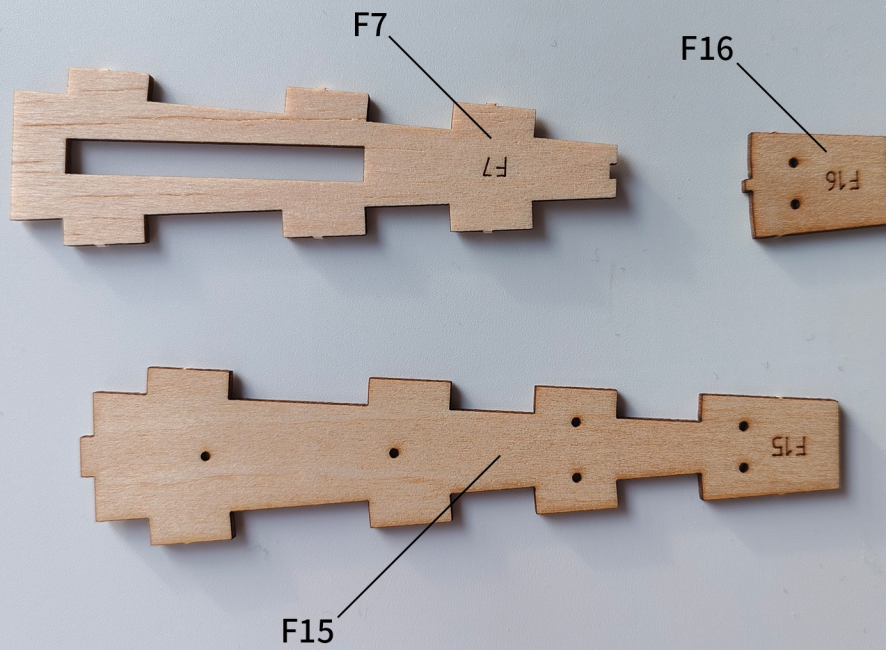


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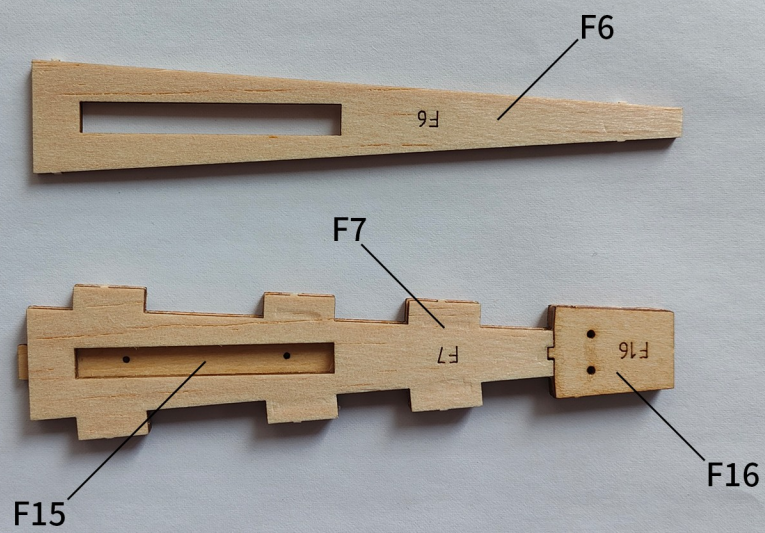




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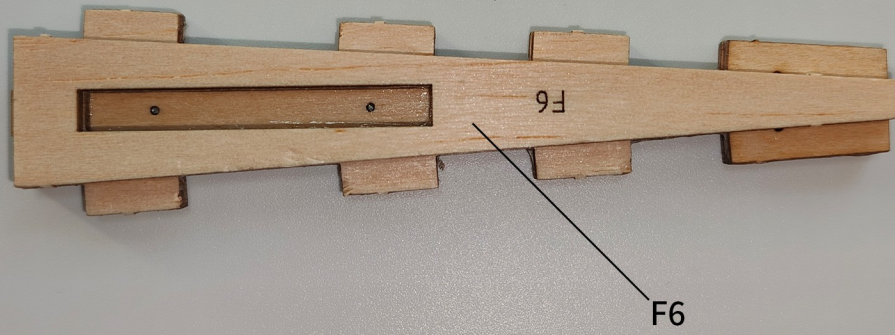


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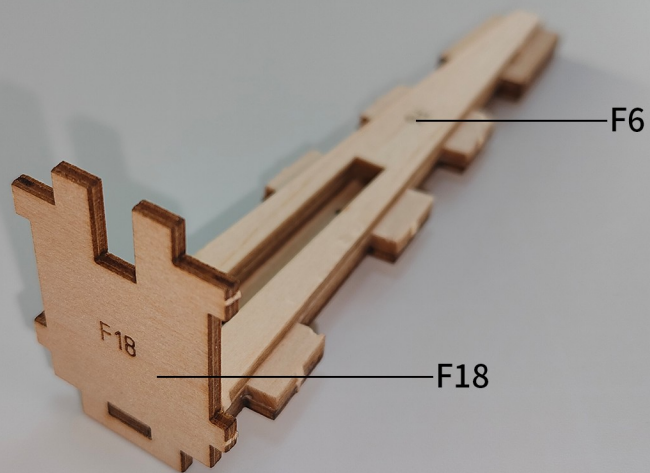




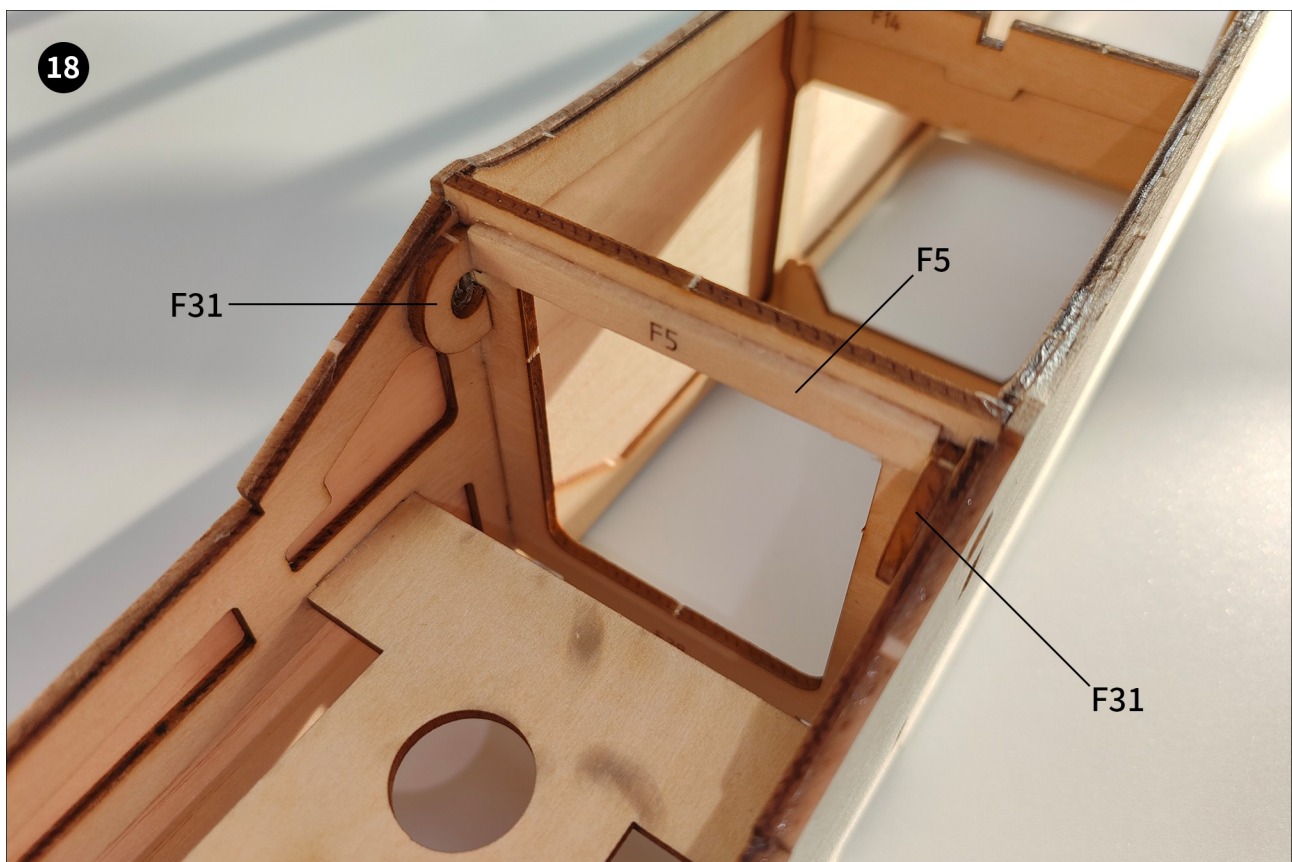
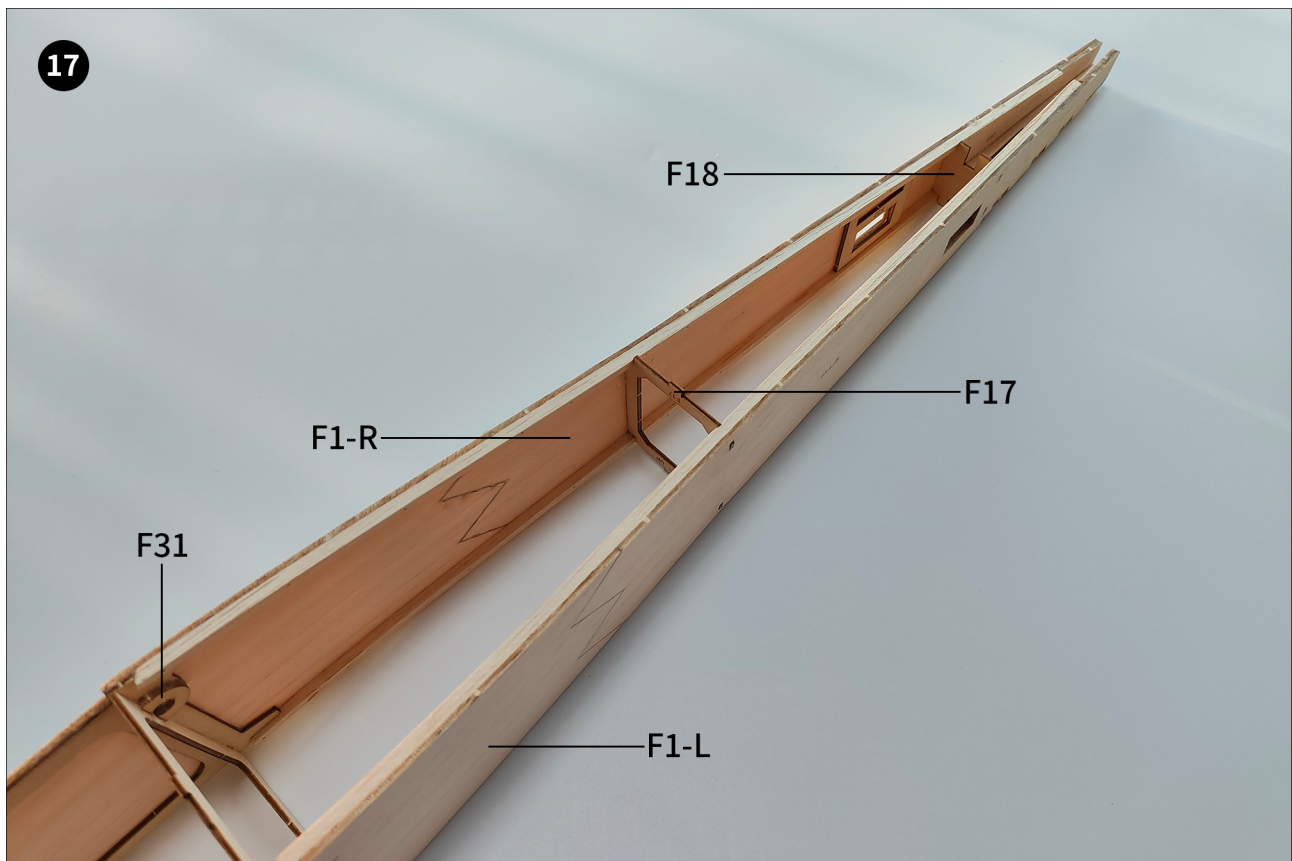
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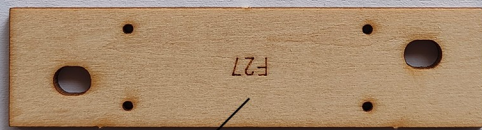
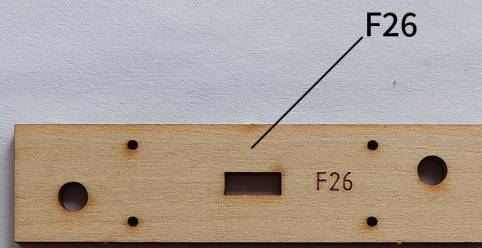








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F27

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F25



F25



F27 & F26



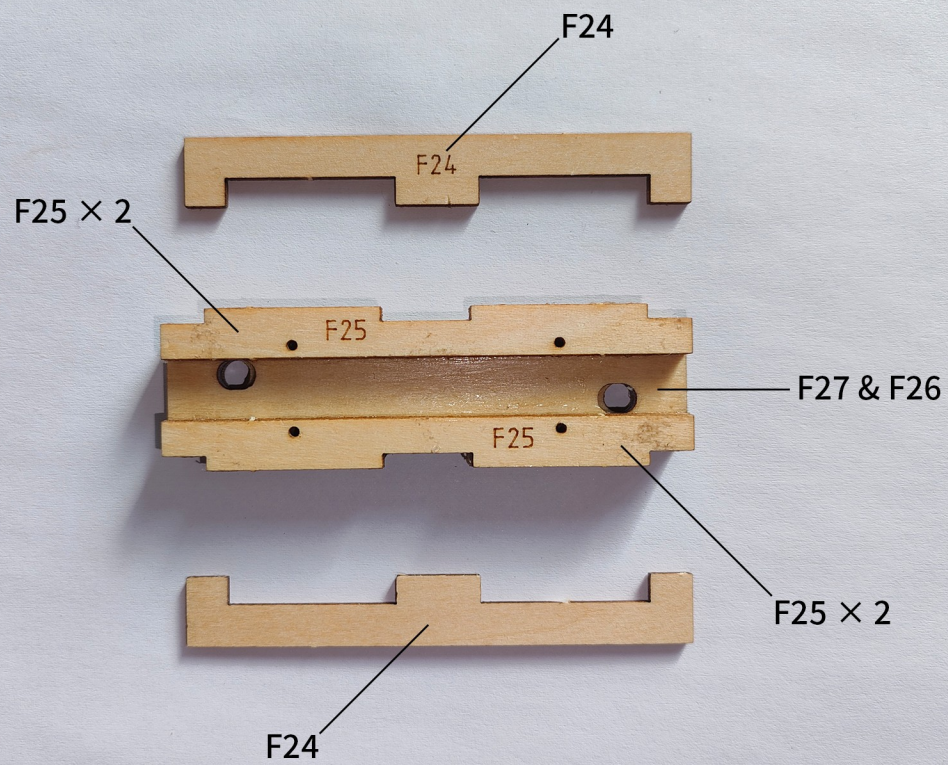
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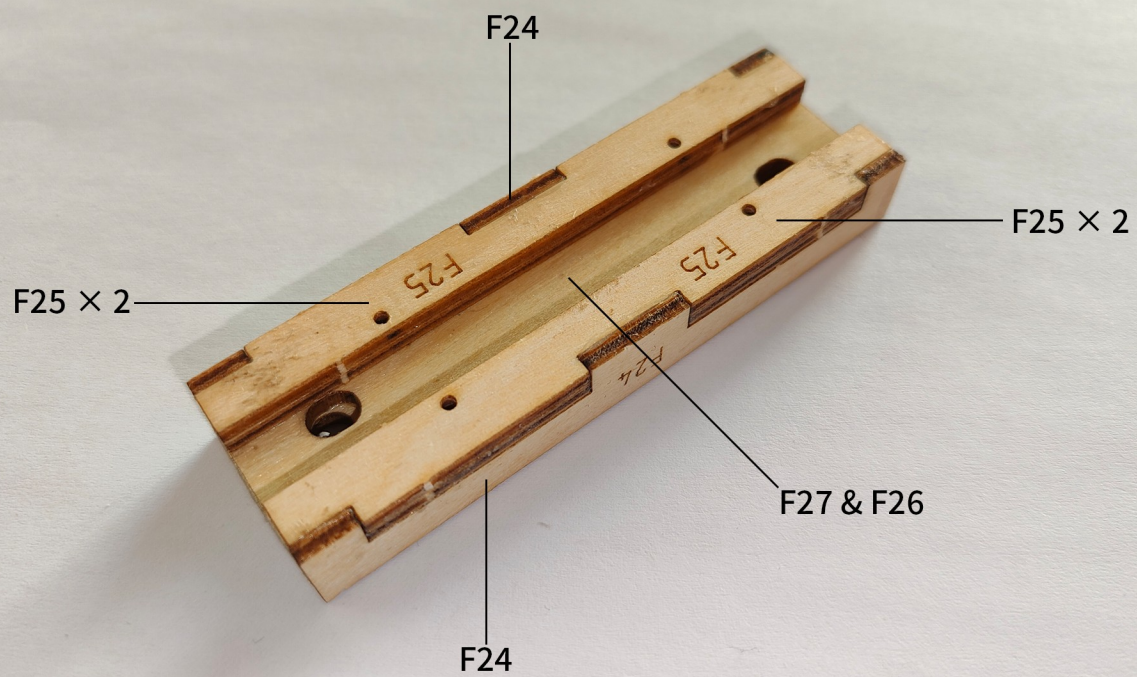
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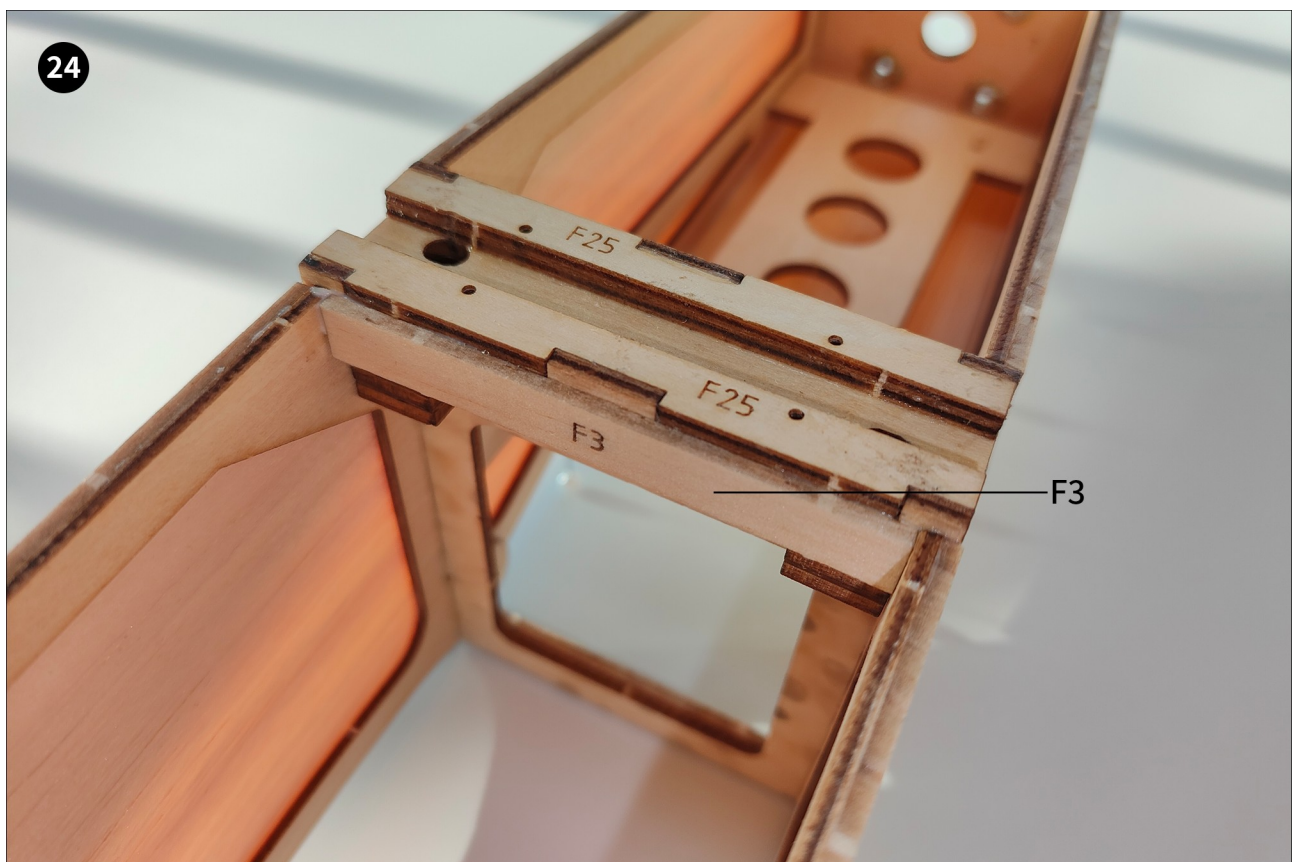
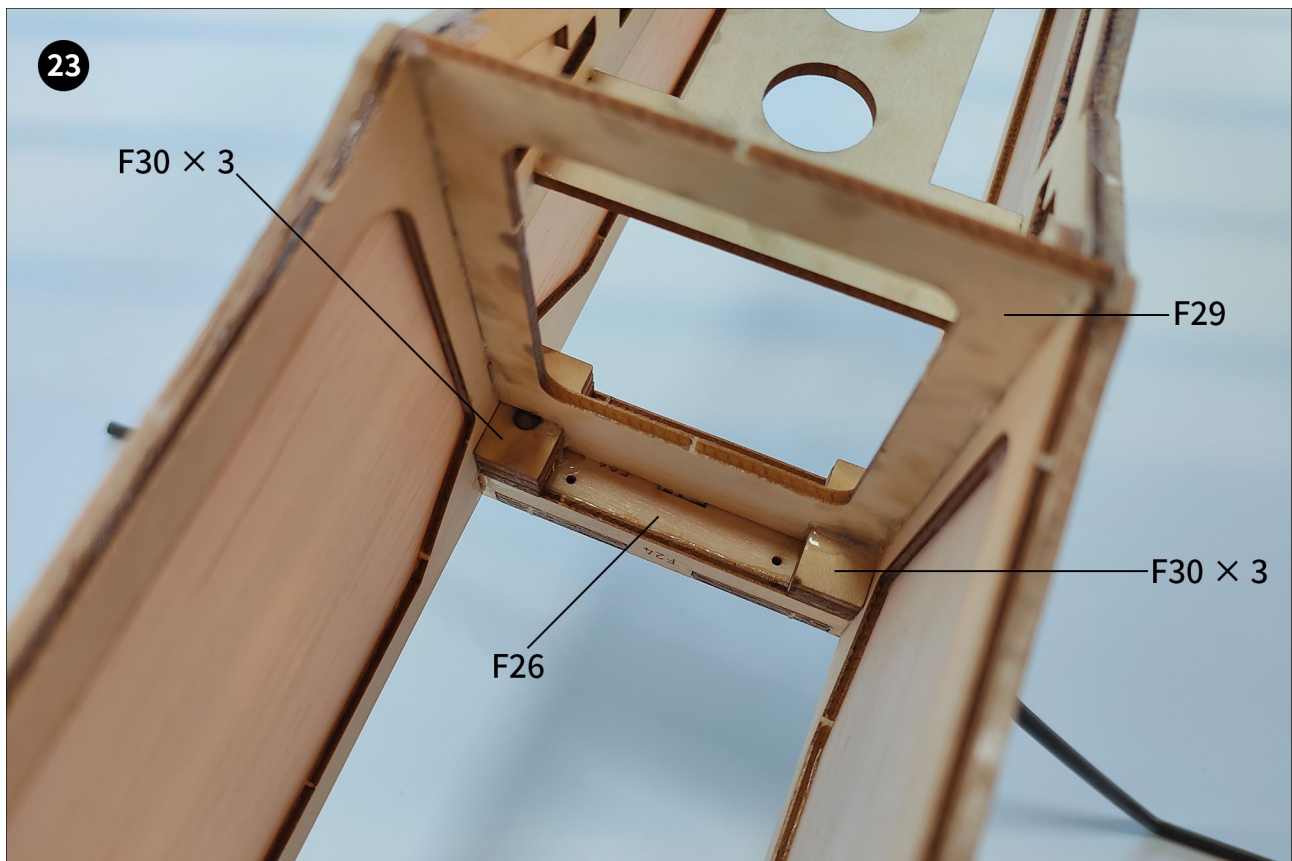
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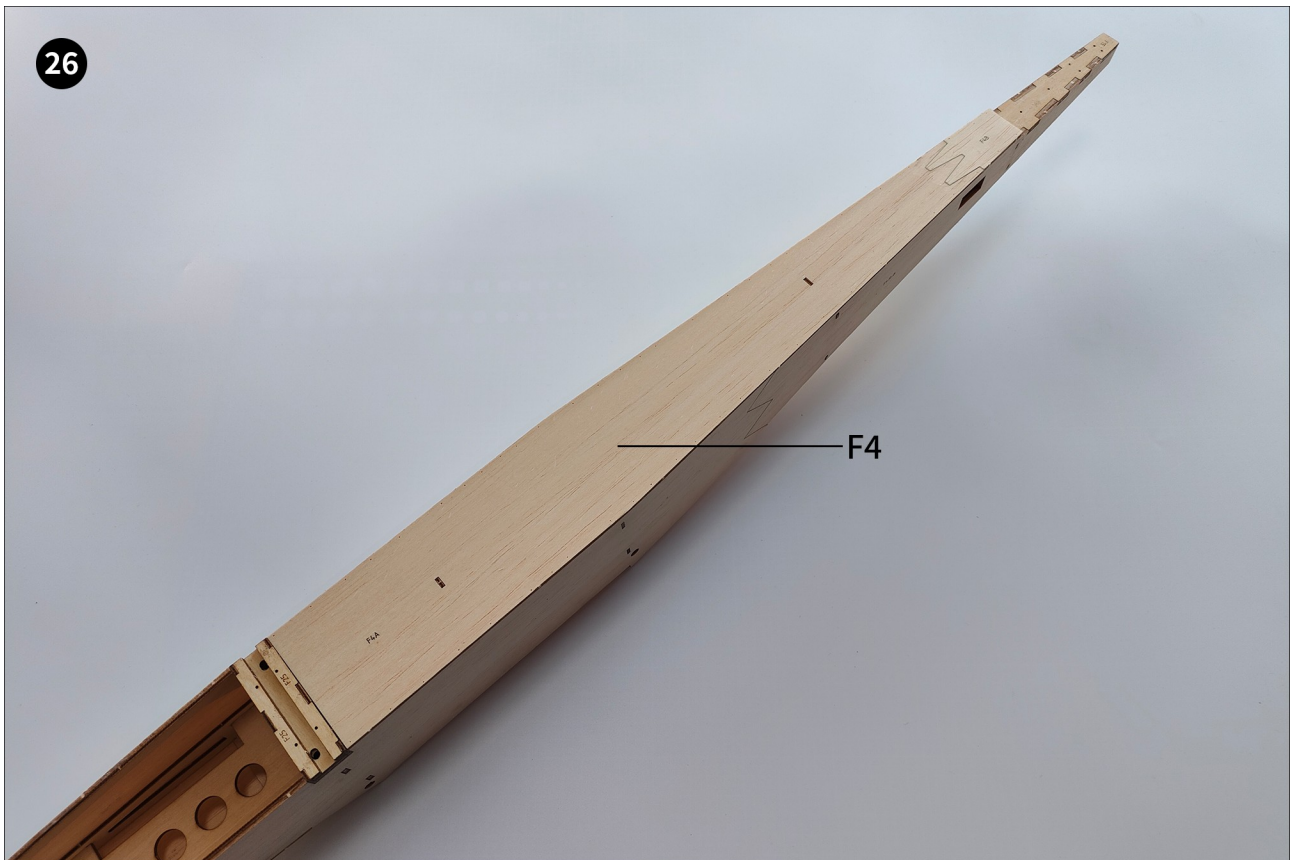




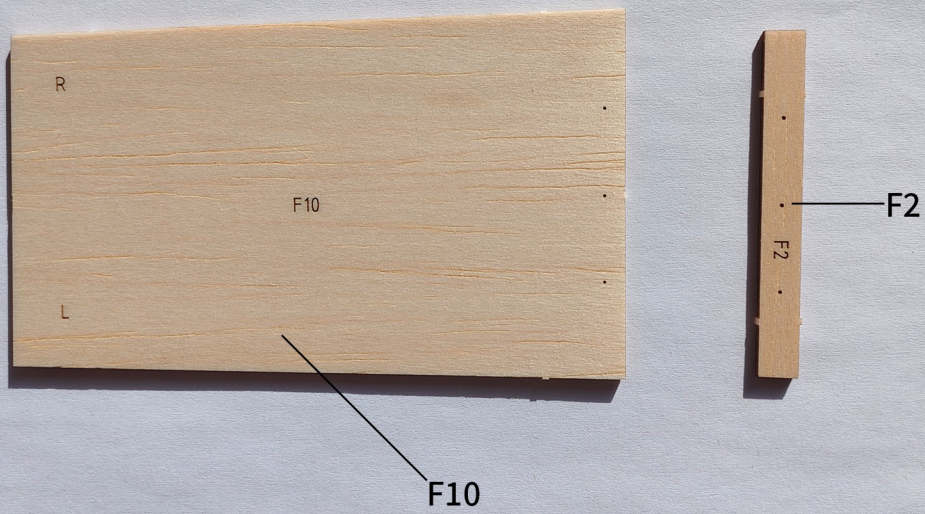
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