

Super-Ray EPP Airplane Instruction Manual



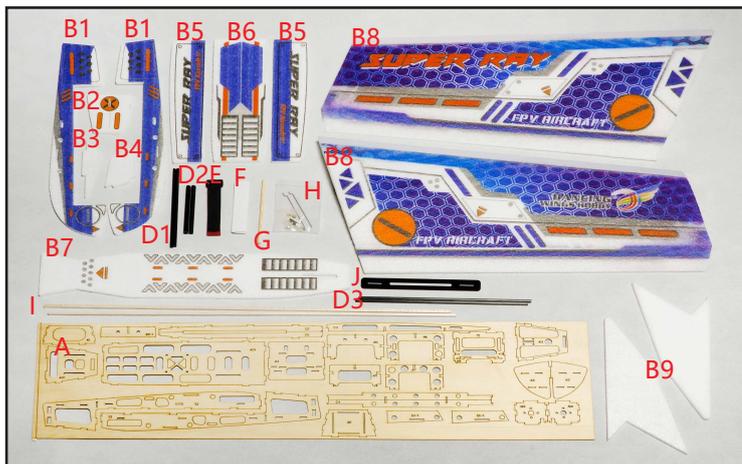
Specification

Wingspan: 1100mm
 Length: 820mm
 Flying Weight≈650g
 MAX Flying Weight≈900g

Suggested Equipment

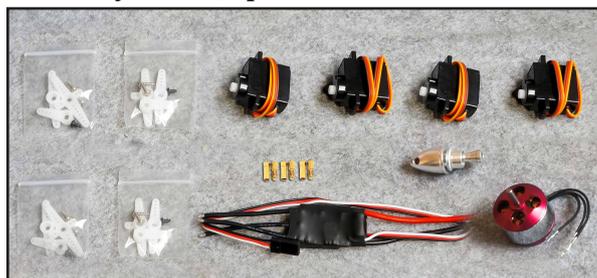
Motor: 2212 2200KV
 ESC: 20A
 Propeller: 6 inch
 Servos: 9g*2
 Battery: 3s 2200-2800mAh
 Radio≥3CH

Preparation Tool



A: wood pieces B: EPP pieces D: Carbon rods
 E: battery belt F: magic tape G: round wooden pole
 H: Connecting rod \ Servo horn \ EZ Connector
 I: balsa strips J: fiberglass board

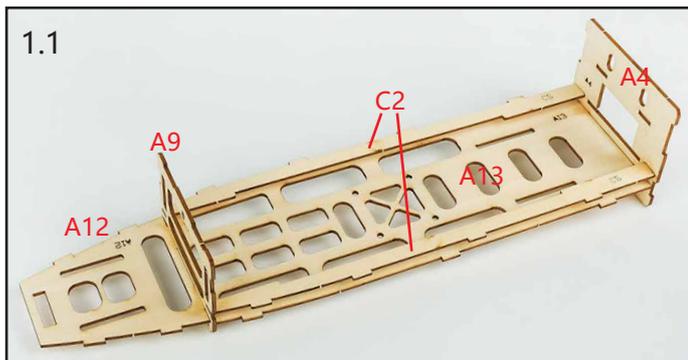
Power System (Optional)



How to Assemble

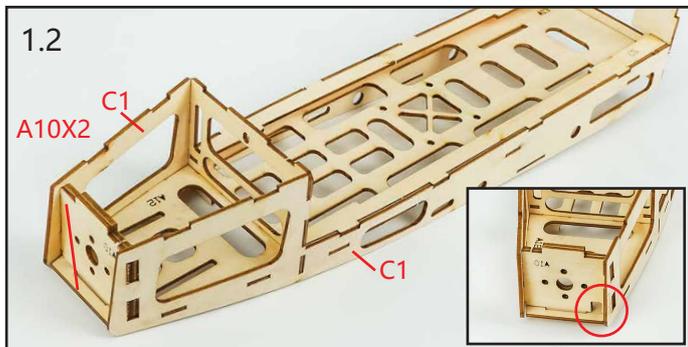
1. Take down and assemble the wood pieces of fuselage as per the following picture, connect the joints by 502 glue.

1.1

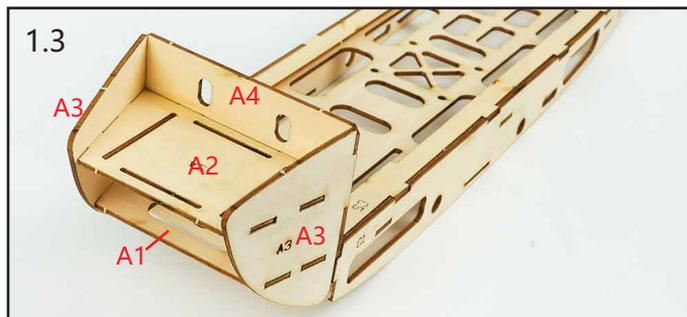


Take care of the notch direction for A10 board.

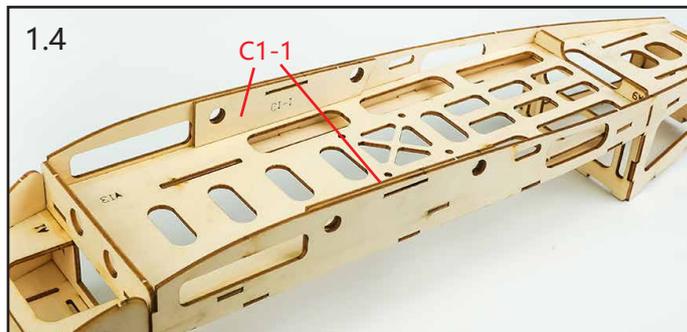
1.2



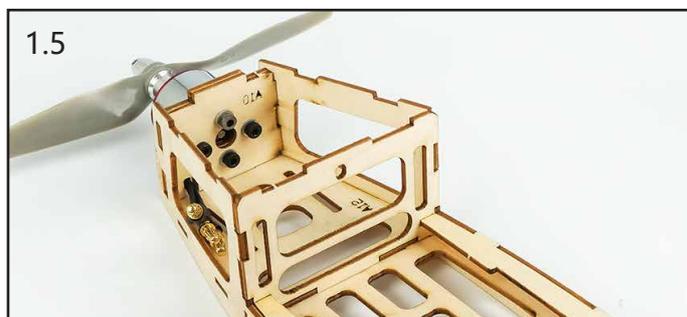
1.3



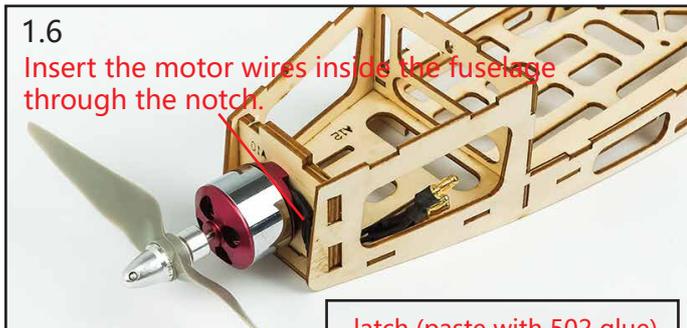
1.4



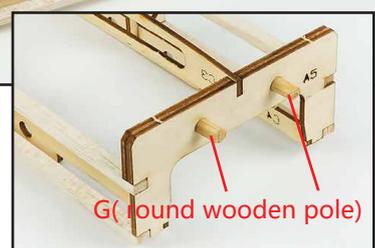
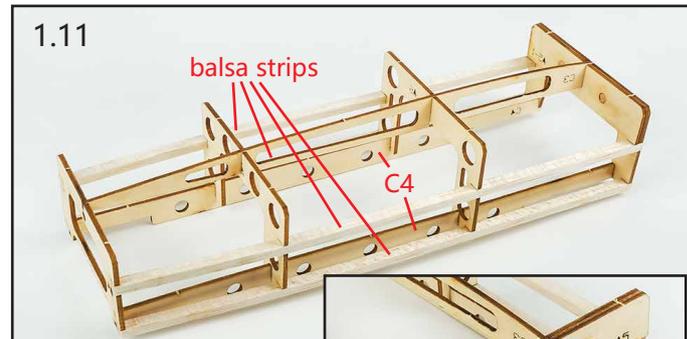
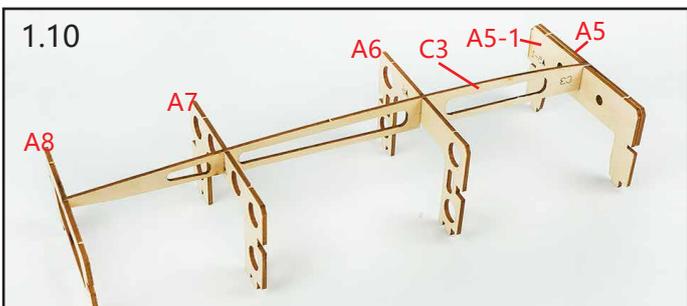
1.5



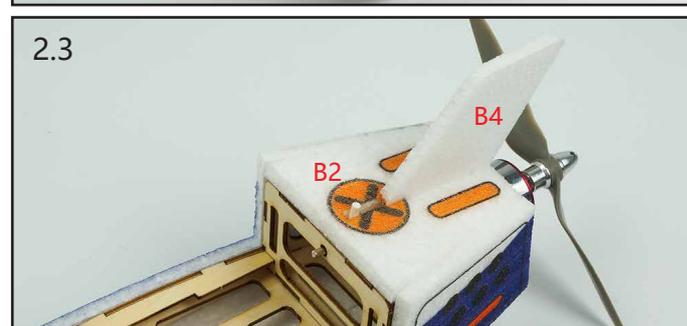
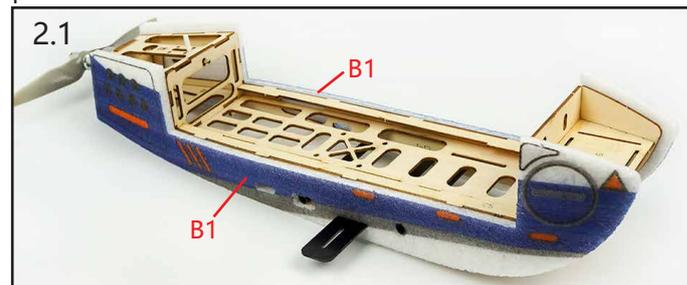
Install the prop and adapter onto the motor, fix the motor at the tail of the fuselage by screws.

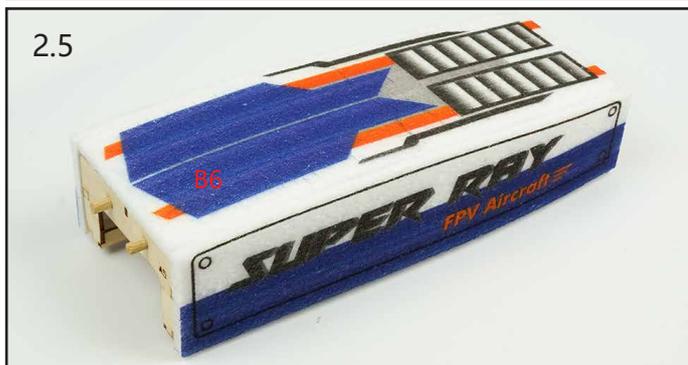


Assemble the cabin cover.



2. Paste the EPP board onto the fuselage as the following picture shown.





Finish the fuselage assembly, the cabin cover is detachable, and can be locked by latch at the tail.



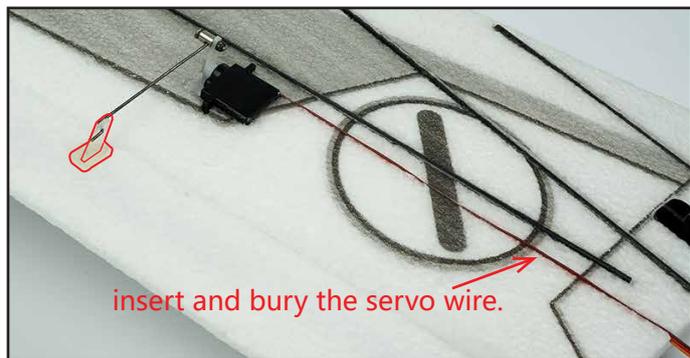
3. Assemble the Wing

3.1 Paste the carbon rod into the preserved slots on the back of wing by foam glue. (assemble the left and right wing in same way)

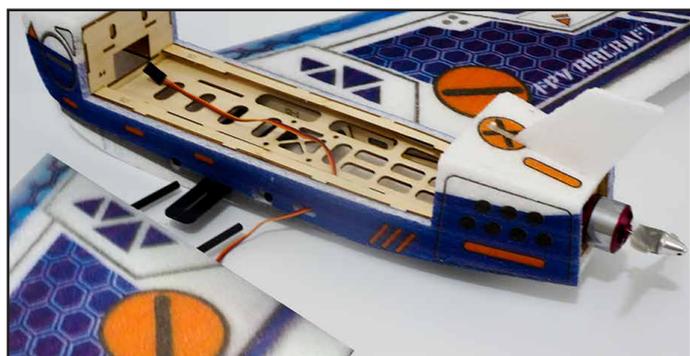


3.2 Install the servo arm, paste the servo into the preserved slot on the wing, and bury the servo wires inside the notch of the wing.

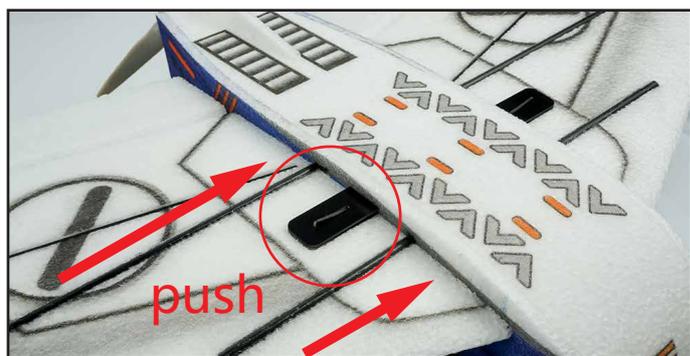
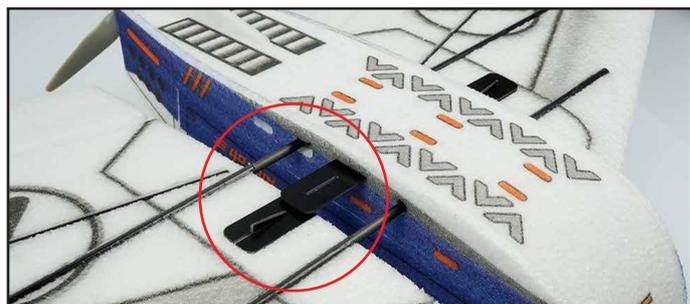
3.3 Install the servo horn in the suitable place beneath servo, connect the servo arm and horn with Z-shape steel wire, and fix the servo arm with EZ-connector.



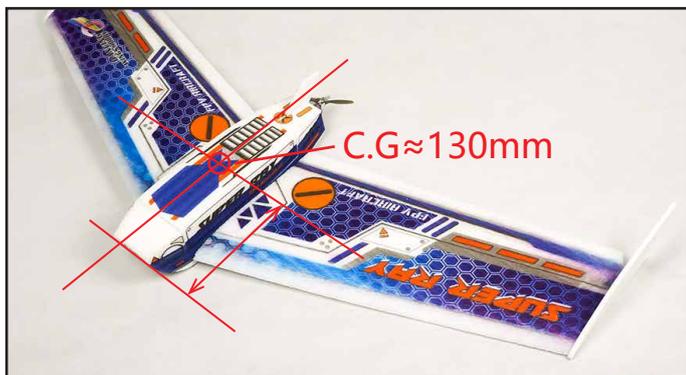
3.4 Insert the servo wire of the wing through the fuselage, and plug the wing onto the fuselage.



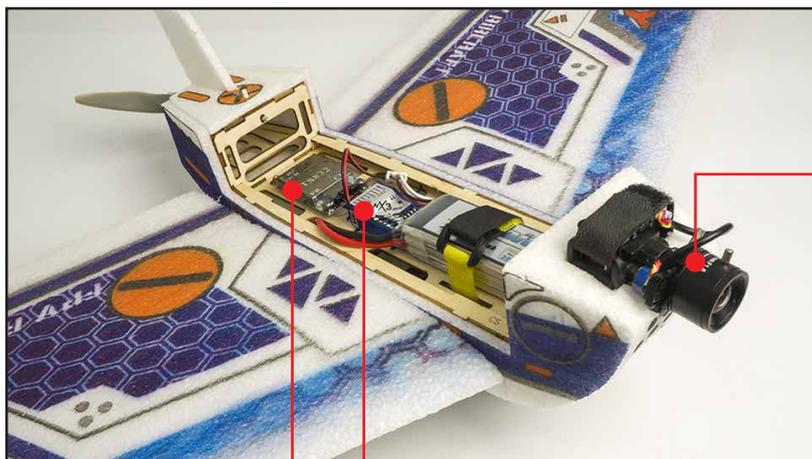
3.5 The wing is detachable, and fix with buckle.



4. Adjust the C.G. of the plane.



5. Install the power system.



There's enough space inside the cabin for installing the FPV equipment.

Camera

Flight Controller

Image transmission



ADDITIONAL SAFETY PRECAUTIONS AND WARNINGS

Age Recommendation: This is not a toy, not for children under 14 years old.

1. Always keep a safe distance in all directions around your model to avoid collisions or injury. The model is controlled by a radio subject to interference from many sources outside your control. Interference can cause momentary loss of control.
2. Always operate your model in open spaces away from full-size vehicles, traffic and people.
3. Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
4. Always keep all chemicals, small parts and anything electrical out of the reach of children.
5. Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
6. Never place any portion of the model in your mouth as it could cause serious injury or even death.
7. Never operate your model with low transmitter batteries.

