

Caution: this plane is not a toy!
Before use, please carefully read
this manual.

Discus

Assemble manual



Wing Span:157.4in/4000mm	Flying Weight:3800g;
Wing area:66.6sq. dm;	Radio:4channels 6servos;
Length:66.8in/1698mm;	Fiberglass fuselage;

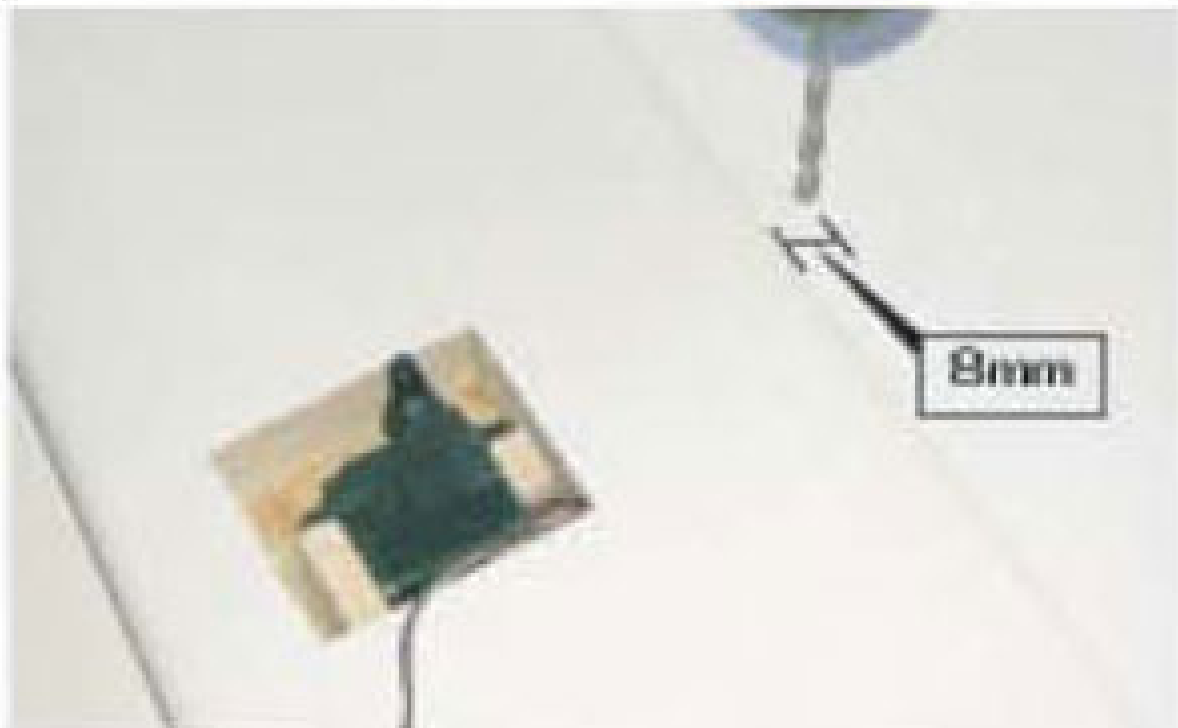
1. Cut out the film from aileron servo compartment.



2. Insert the servo wire with extension cable.



3. Glue the 2 pieces hardwood block with epoxy.



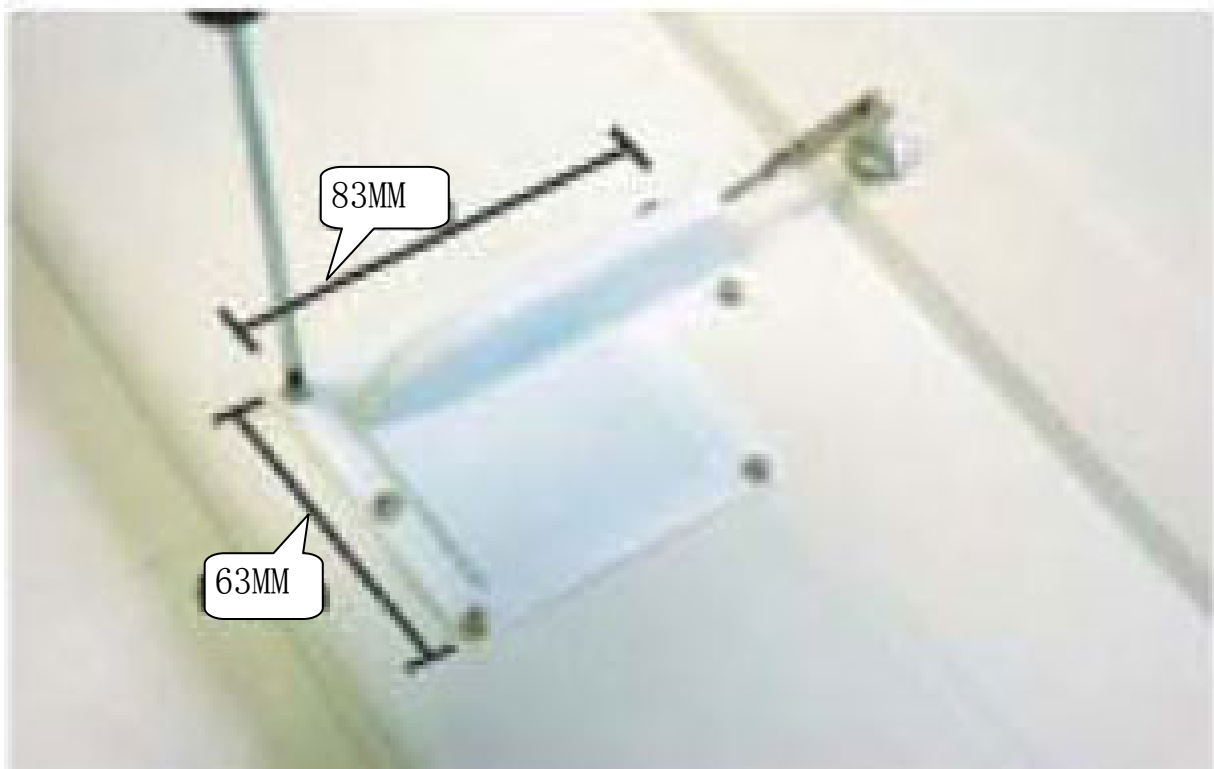
4. Fix the servo with the fiberglass sheet.



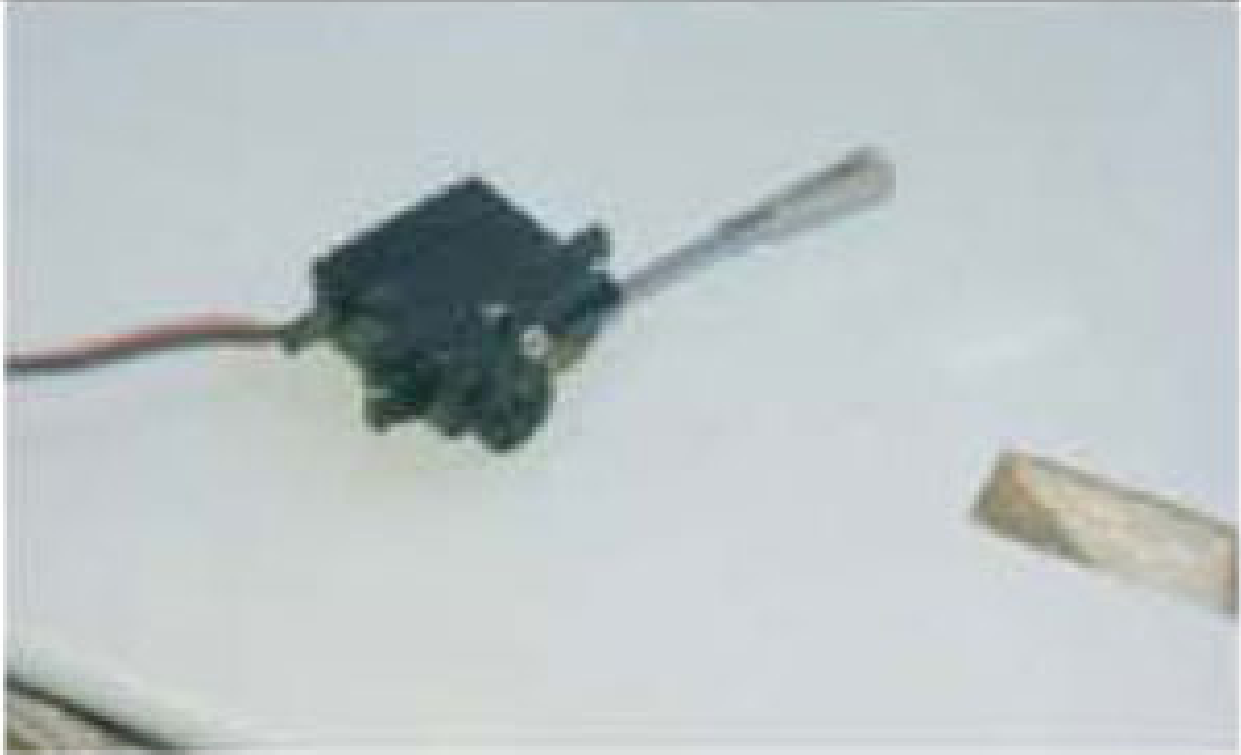
5. Drill 4mm hole in aileron and install the control horn and linkage.



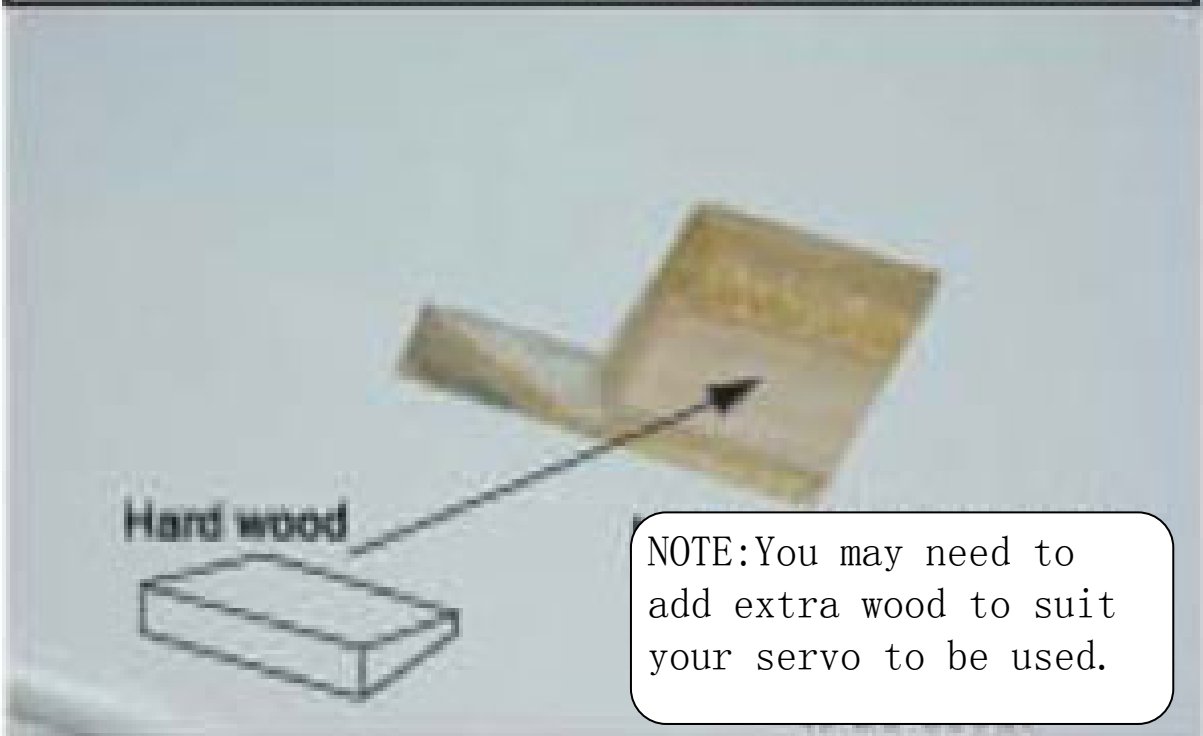
6. Cut the cover and cover the aileron servo on the wing.



7. Install the ball link connector to the air brake servo.



8. Epoxy the hard wood block to the bottom of the servo compartment.



9. Secure the servo with fiberglass sheet

NOTE: Adjust the servo movement to achieve the maximum air brake function.



10. Screw the plastic cover.



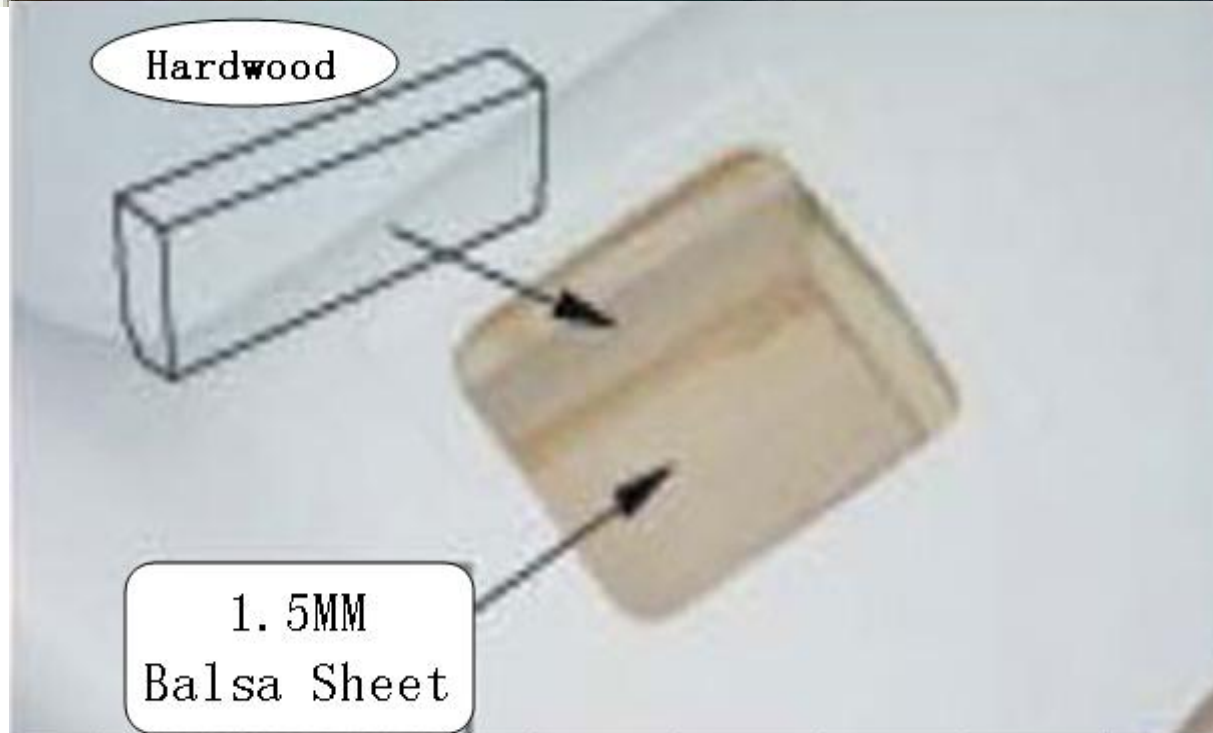
11. Epoxy the 3mm wire to the wing tip. Glue it to the wing.



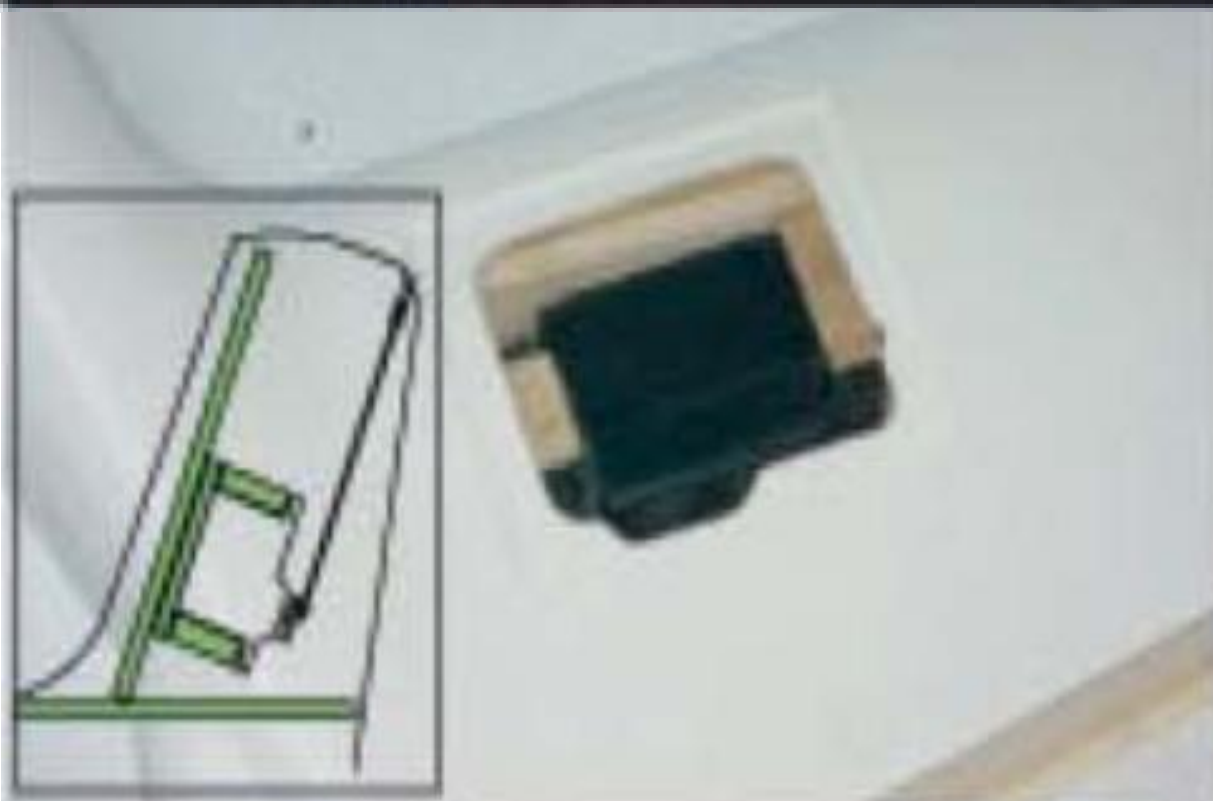
12. Install the rubber damper to the wing rod tube.



13. Epoxy the hardwood block and balsa sheet to the vertical fin.



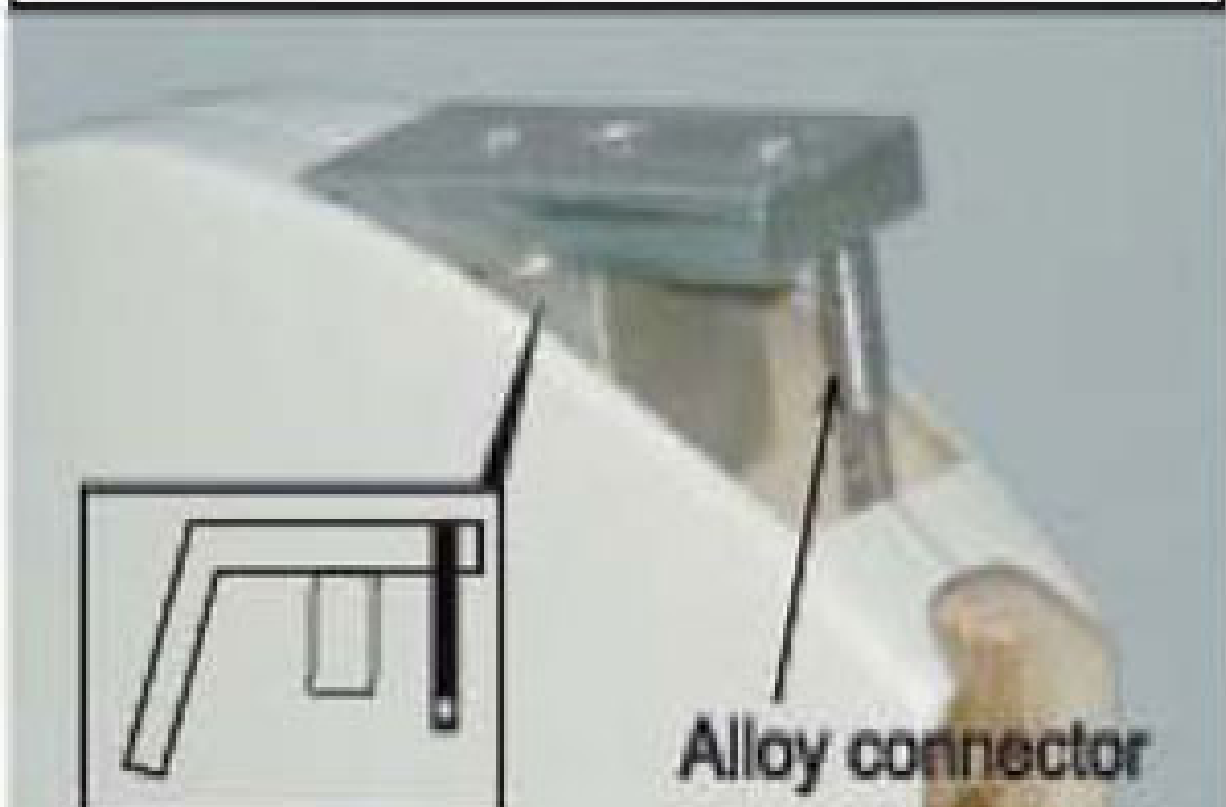
14. Install the elevator servo and connect the linkage.



15. Secure the servo with the fiberglass sheet.



16. Screw in the alloy connector.



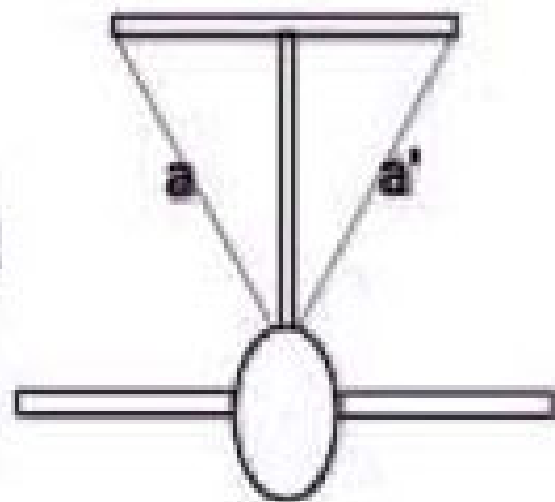
17. Connect the linkage.



18. Measure the distance as below.
Confirm the alignment carefully.

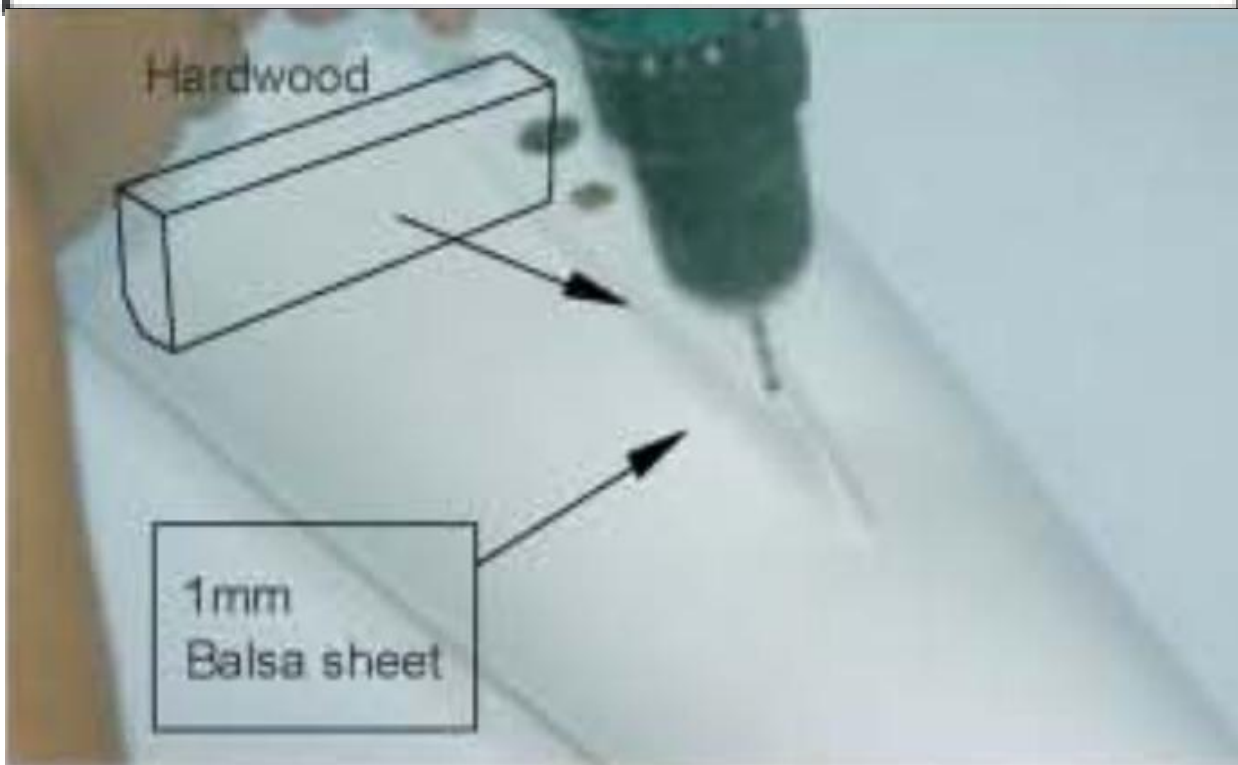


$$A = A'$$

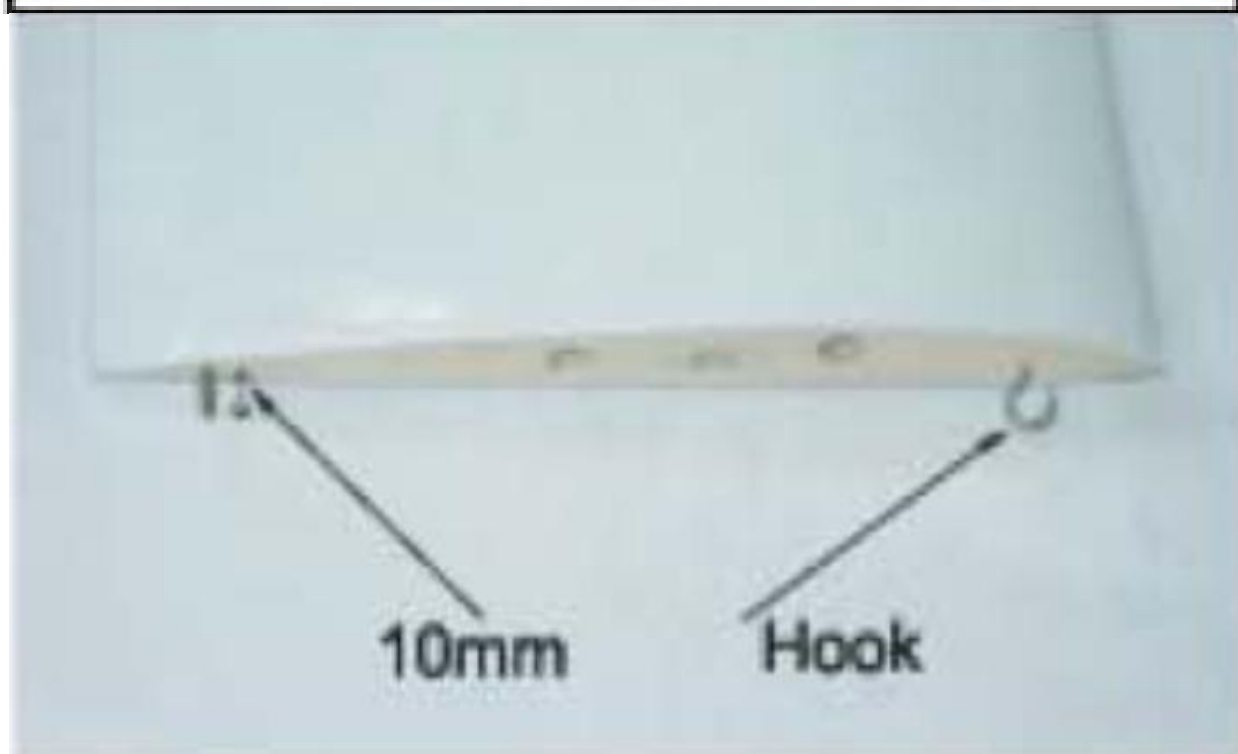


$$a = b'$$

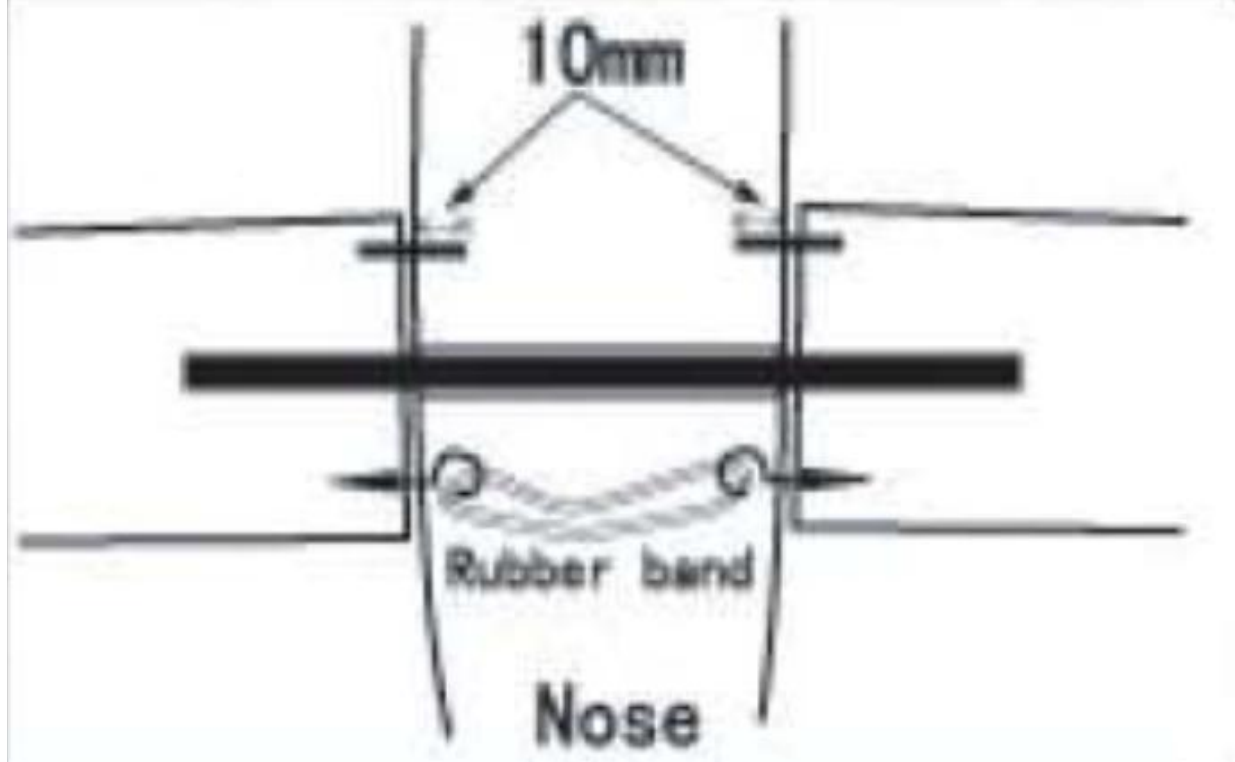
19. Drill the 3mm holes as below.



20. Glue the wire stopper and the hook to both wing root.



21. Join the wing.



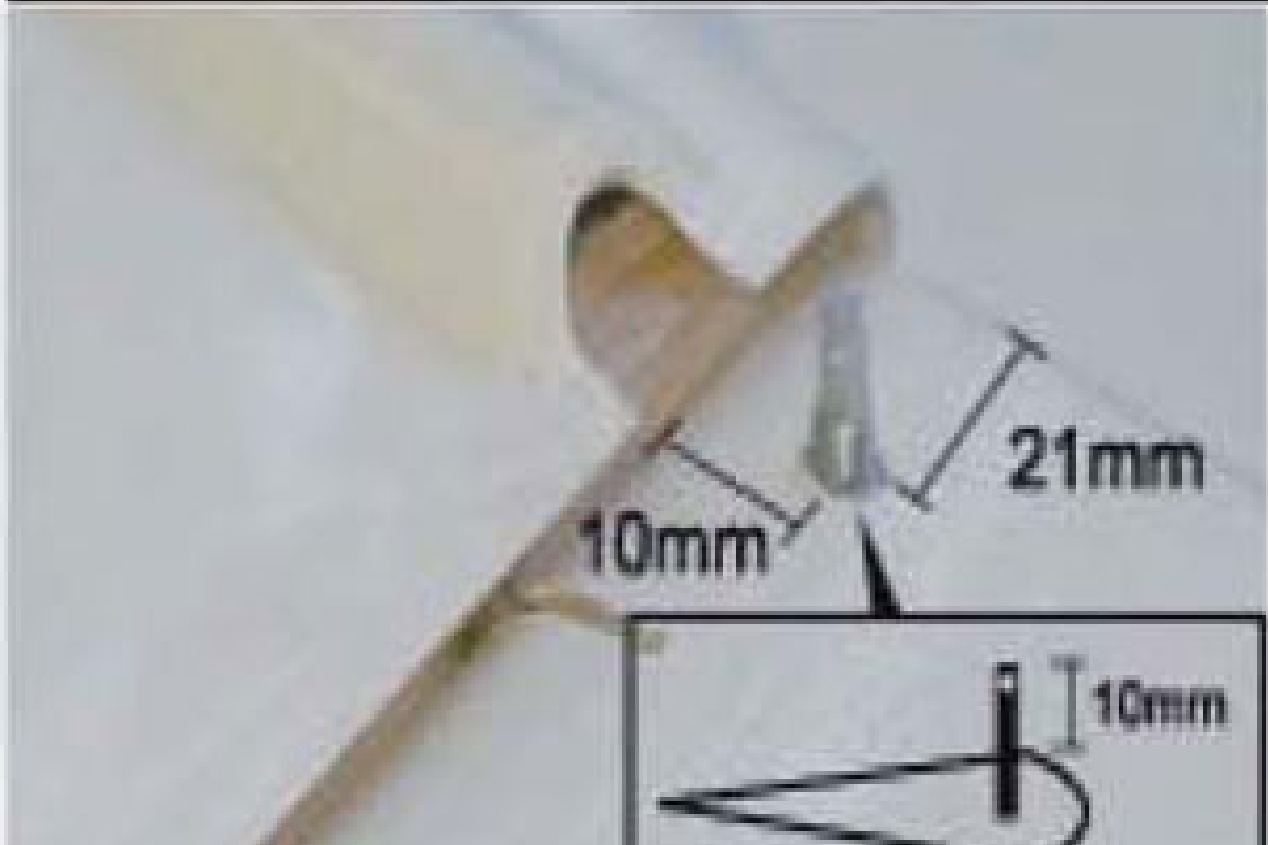
22. Cut the slot for installing the hinge. Epoxy the hinge.



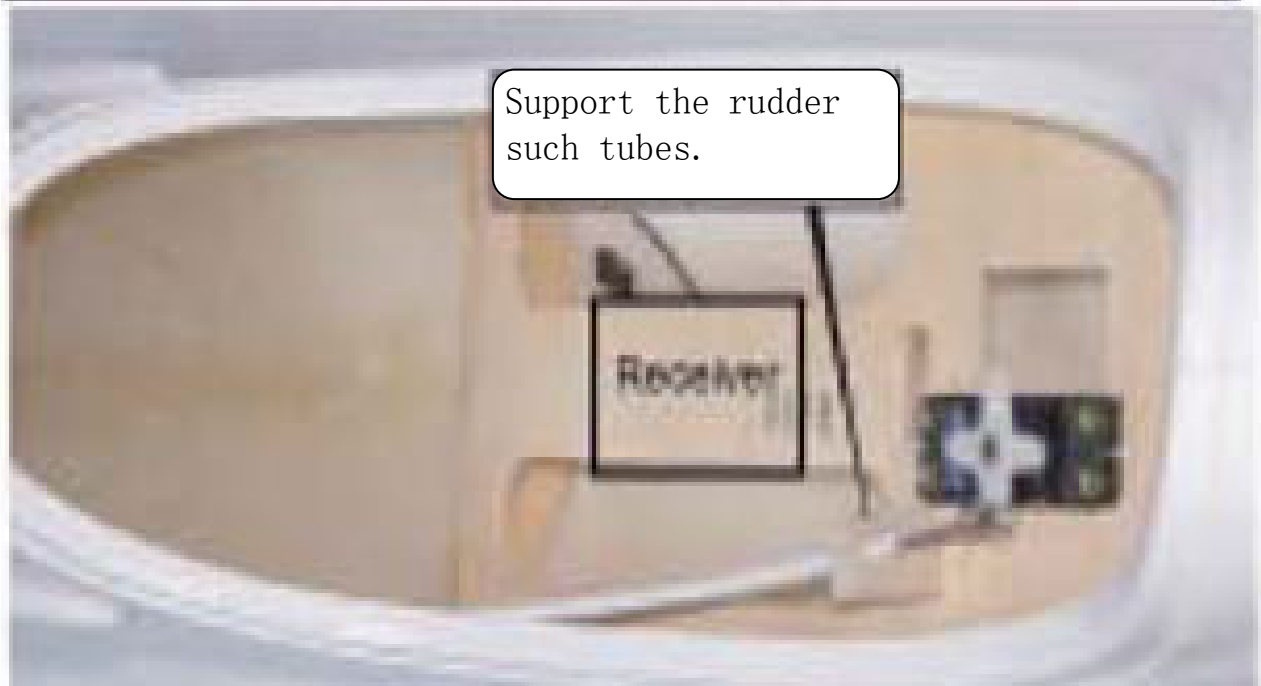
23. Connect the rudder to the fuselage.



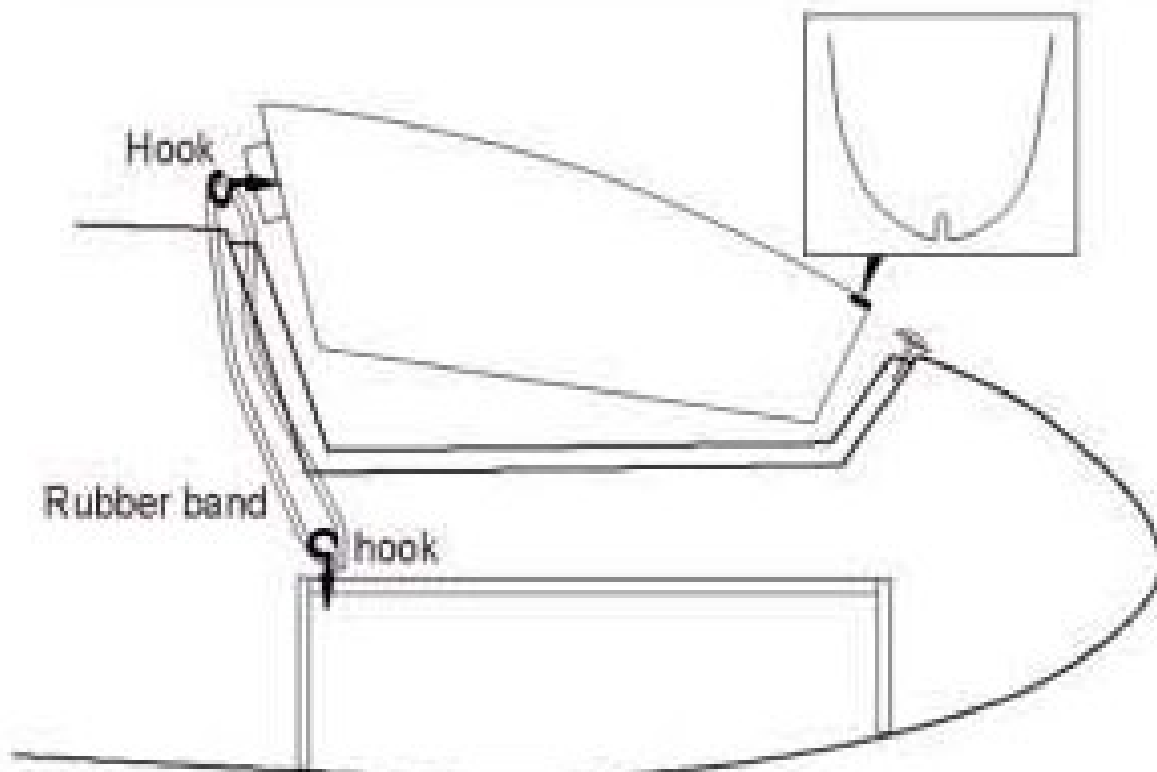
24. Drill 4mm hole and epoxy the alloy connector.



25. Install the rudder servo and the receiver.



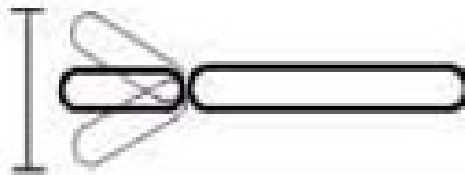
26. Trim the canopy and secure by screw.



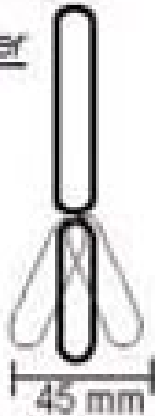
27. Confirm the control movement.

Aileron

30mm

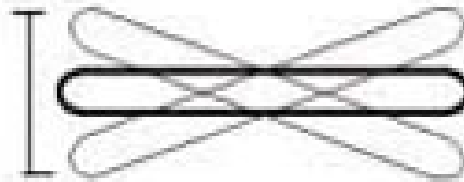


Rudder



Elevator

30mm



28. Well balance the Centre of Gravity of the model. Reposition the receiver and battery or add weight to nose to obtain the proper C.G.

WARNING:

NEVER FLY THE MODEL WITHOUT WELL BALANCING.

