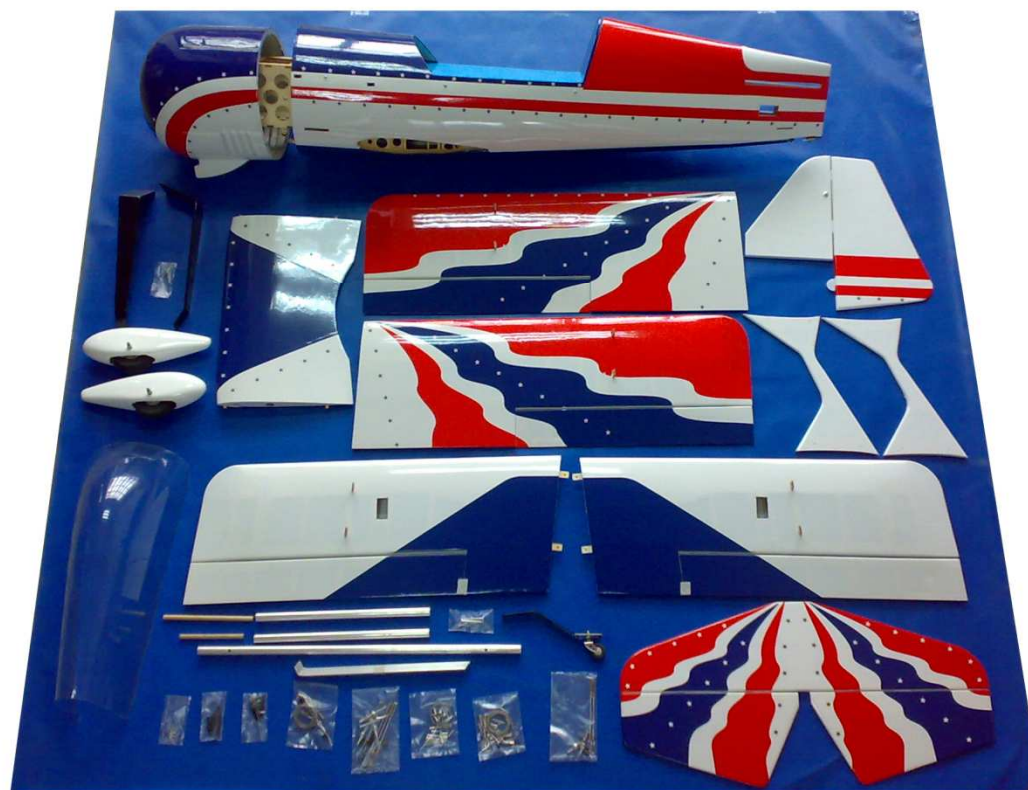




**RADIO CONTROLLED ENGINE POWERED
ACROBATIC AIRCRAFT**
Pitts-12
Assemble Manual



Pitts-12

Top wing span: 2400mm

Bottom wing span: 2340mm

Fuselage length: 2040mm

Weight: 7450 G (not include engine and radio)

Wing area: 180.8 DM

Engine: 100-150cc Gasoline engine

Servo: 11 set standard servos

PITTS-12 Accessories

1. Bottom Wing
2. Top Wing
3. Horizontal Tail
4. Vertical and Rudder
5. Elevator Control Horn Accessories(Picture 1)
6. Bottom Wing and Backstop Bolt(Picture 2)
7. Aileron Wing Accessories(Picture 3)
8. Tail Wheel Accessories(Picture 4)
9. Wood backstop
10. Wood Backstop Wire Accessories(Picture 5)
11. Horizontal Tail Wire Accessories(Picture 6)
12. Aluminum Backstop and screw(Picture 7)
13. Canopy Screw(Picture 8)
14. Main Undercarriage
15. Rudder Accessories(Picture 9)
16. PVC Canopy
17. Wheel Cowl and Wheel
18. Bottom Wing Aluminum Tube $\phi 24 \times 595$ 1 Piece
19. Top Aluminum Tube $\phi 24 \times 330$ 2 Piece

Please Inspect the Accessories before Assembly



Elevator Control Horn
Accessories



Bottom Wing and Backstop Bolt



Aileron Control Accessories



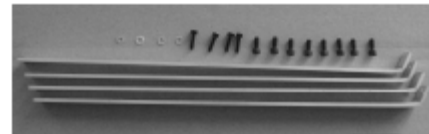
Wheel Accessories



Wood Backstop Wire
Accessories



Vertical Wire Accessories



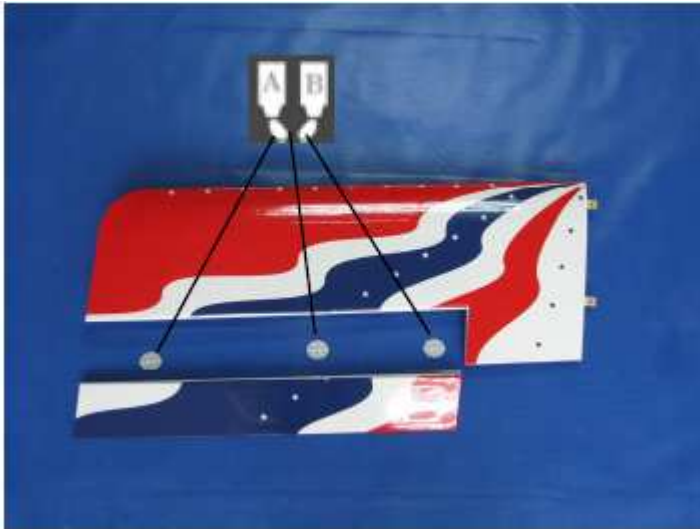
Aluminum Backstop and
Screws



Canopy Screws



Rudder Accessories



Glue the nylon hinges using AB epoxy

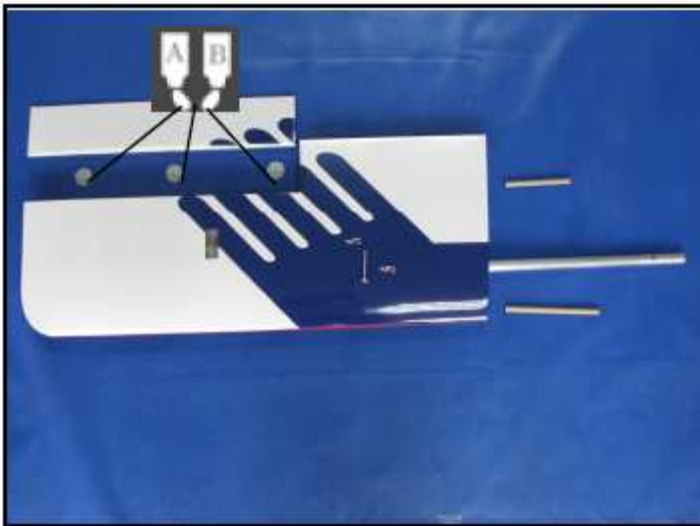
Make sure aileron is firmly connected with main wing

Make sure aileron is symmetrical with wing axis

Check carefully, that aileron and main wing have already been joined firmly.

Install the aileron servos

Make sure to clean unwanted glue



Glue the nylon hinges using AB epoxy

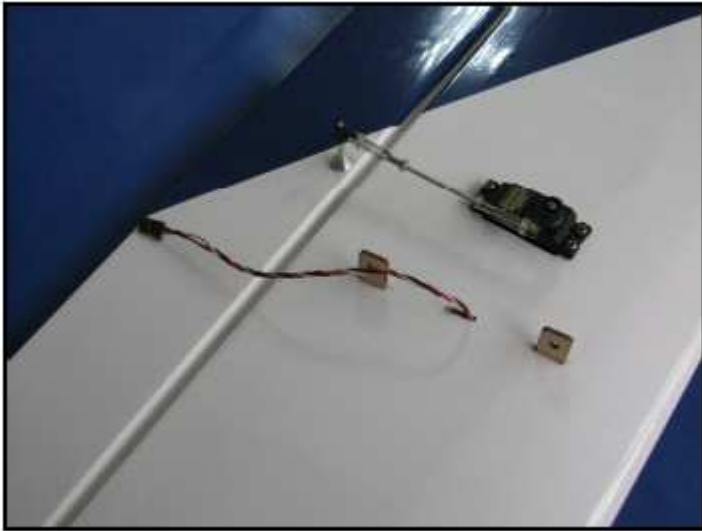
Make sure aileron is firmly connected with bottom wing

Make sure aileron is symmetrical with wing axis

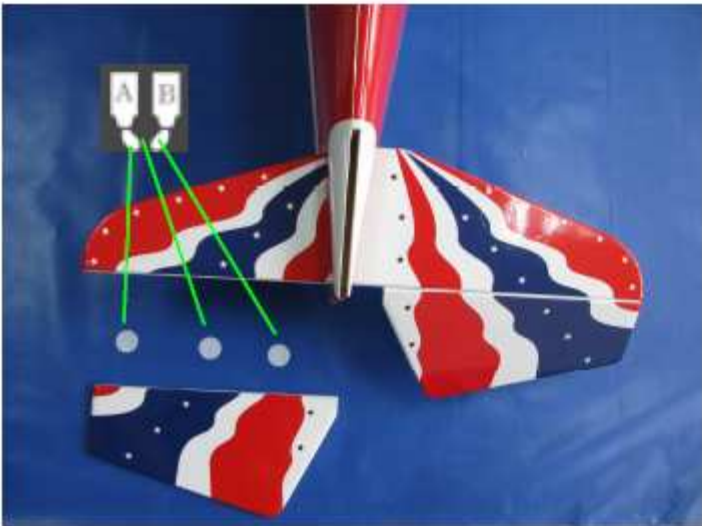
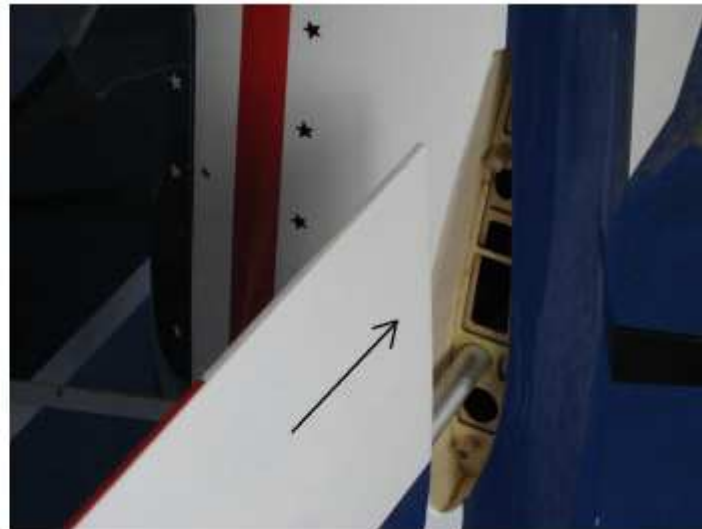
Check carefully, that aileron and main wing have already been joined firmly.

Install the aileron servos

Make sure to clean unwanted glue

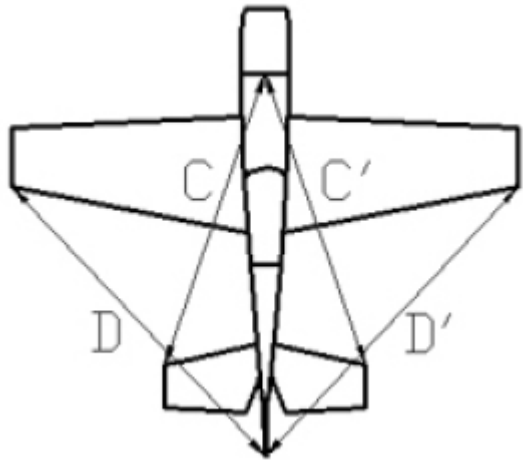


Notice: Main wing assembly according to previous picture.
The servo wires come from the wood mounts, coming through
the bottom wing into the fuselage.

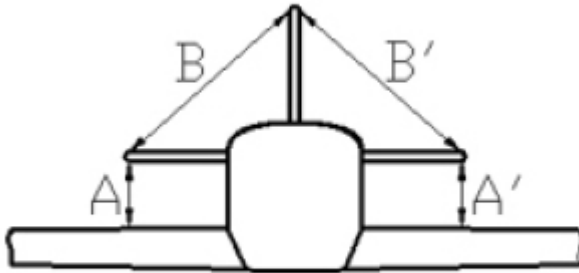


Cut the covering of the wing carefully with a sharp knife.

Note: Don't cut into the balsa, as this will directly influence the whole strength of the wing.



$A=A'$
 $B=B'$
 $C=C'$
 $D=D'$



Notice: Please measure according to the drawing for operation, before gluing vertical/horizontal tail firmly with epoxy.



Notice: Please install the wings strengthening wires, according to the top pictures



Notice: Please install the Horizontal Tail strengthening wires according to the top pictures



Notice: Please install the rudder servos and tail wheel according to the top pictures

