

Whitewings Racer 549 Swift

● GLUING INSTRUCTIONS

Glue the parts together in the order indicated.
Use the balsa body marked 63-1 for this model.

3.

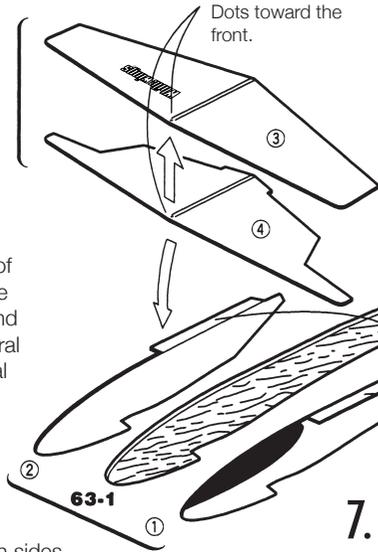
Glue ④ to the underside of ③ aligning their center lines. Allow the pieces to dry thoroughly.

6.

Place a ruler along one side of the indented center line of the main wing (③ + ④) and bend that side up to make a dihedral angle of 15°. (Use the dihedral angle gauge.) Do the same with the other side.

2.

Glue ① and ② to both sides of the balsa body aligning their edges flush with those of the nose.



5.

Attach the vertical stabilizer ⑥ to the right side of the fuselage. Make sure that the rear edge of ⑥ and front edge of ⑤ touch. Also make sure that the bottom of ⑥ lines up with the bottom edge of the fuselage.



4.

Using a pencil and a ruler, draw a line connecting the two pinholes to form the center line for the horizontal stabilizer ⑤. Glue ⑤ onto the top of the fuselage aligning their center lines and rear edges.

Dot towards the front.

1.

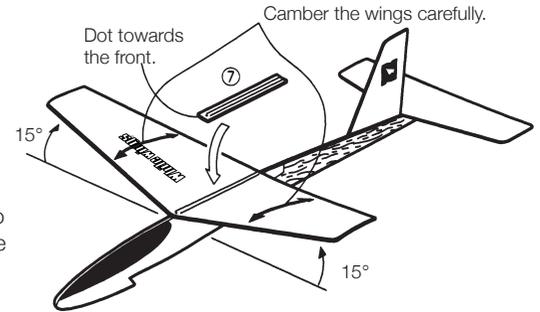
Fold both tabs outward.

7.

Glue the main wing (③ + ④) firmly to the top of the fuselage. Make sure that the central indented area of (③ + ④) lines up with the top of the fuselage. In order to glue the main wing precisely and securely to the fuselage, rub the top surface of the fuselage smooth with a pencil before applying the glue.

8.

Fold ⑦ up slightly along each side of the indented center line and glue it to the central indented area of the main wing.



9.

After the plane dries thoroughly, camber the main wings carefully with your fingers. (Use the camber gauge.)

10.

Using the dihedral angle gauge, make sure that the dihedral angle for the main wings still measures 15°.

11.

View the plane from both the front and the back and straighten any warps or bends in the wings and the tail.

● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.

Whitewings[®] Racer 543 Macaw

● GLUING INSTRUCTIONS

Glue the parts together in the order indicated.
Use the balsa body marked 62-1 for this model.

3.

Glue ④ to the underside of ③ aligning their center lines. Allow them to dry thoroughly.

6.

Place a ruler along the center line of the main wing (③ + ④) and bend each side up individually to make a dihedral angle of 15°. (Use the dihedral angle gauge.)

2.

Glue ① and ② to both sides of the balsa body aligning their edges flush with those of the nose.

● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.

5.

Attach the vertical stabilizer ⑥ to the right side of the fuselage. Make sure that the rear edge of ⑥ and front edge of ⑤ touch. Also make sure that the bottom of ⑥ lines up with the bottom edge of the fuselage.

4.

Using a pencil and a ruler, draw a faint line connecting the two pinholes to form a center line for the horizontal stabilizer ⑤. Glue ⑤ onto the top of the fuselage aligning their center lines and rear edges.

1.

Fold both tabs outward.

7.

Glue the main wing (③ + ④) firmly to the fuselage aligning the center line of the main wing with the center of the fuselage top. In order to glue the main wing precisely and securely to the fuselage, rub the fuselage top smooth with a pencil before applying the glue.

8.

Fold ⑦ up slightly along the center line and glue it onto the center of the main wing.

Camber the wings carefully.

9.

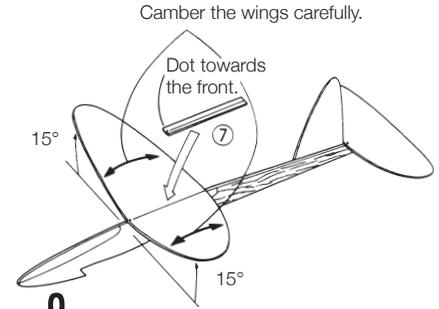
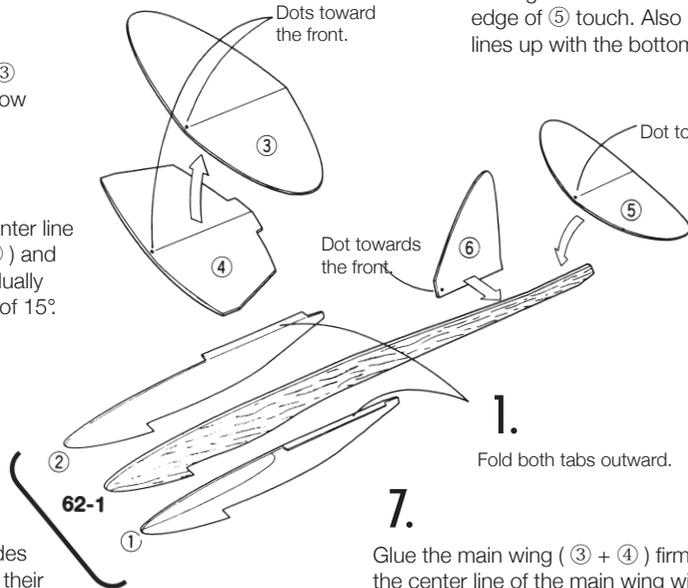
After the plane dries thoroughly, camber the main wings carefully with your fingers.

10.

Using the dihedral angle gauge, make sure the dihedral angle for the main wing measures 15°.

11.

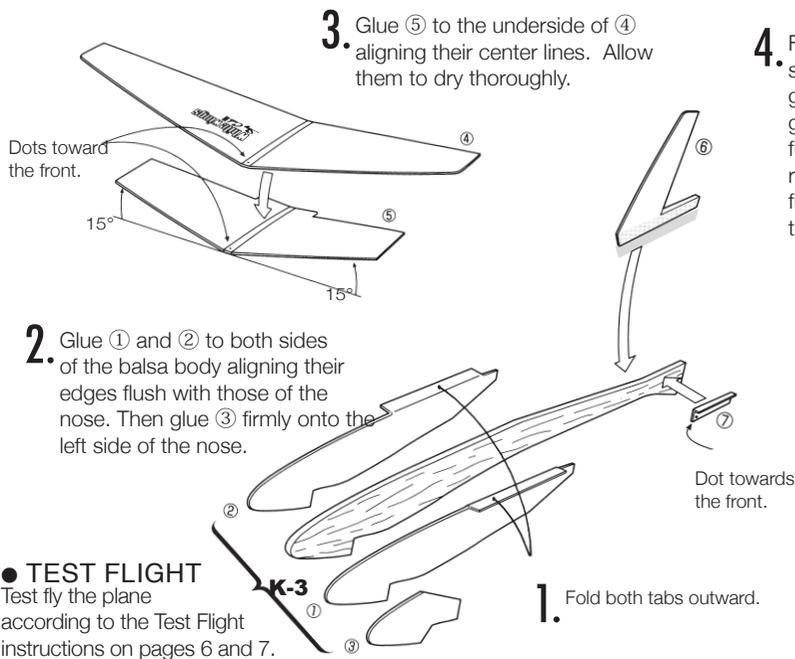
View the plane from both the front and the back straightening out any warps or bends in the wings and tail.



Whitewings Racer 550 Sky Cub

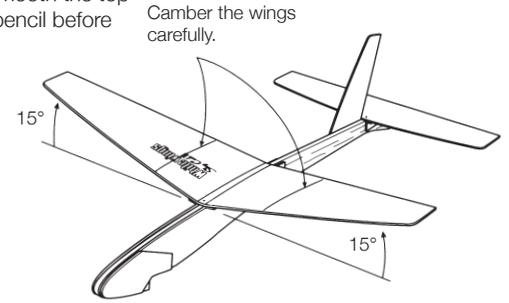
● GLUING INSTRUCTIONS

Glue the parts together in the order indicated. Use the balsa body marked K-3 for this model.



● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.

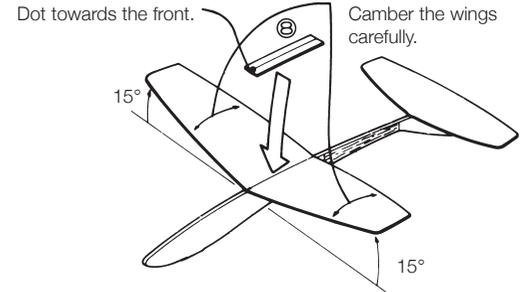
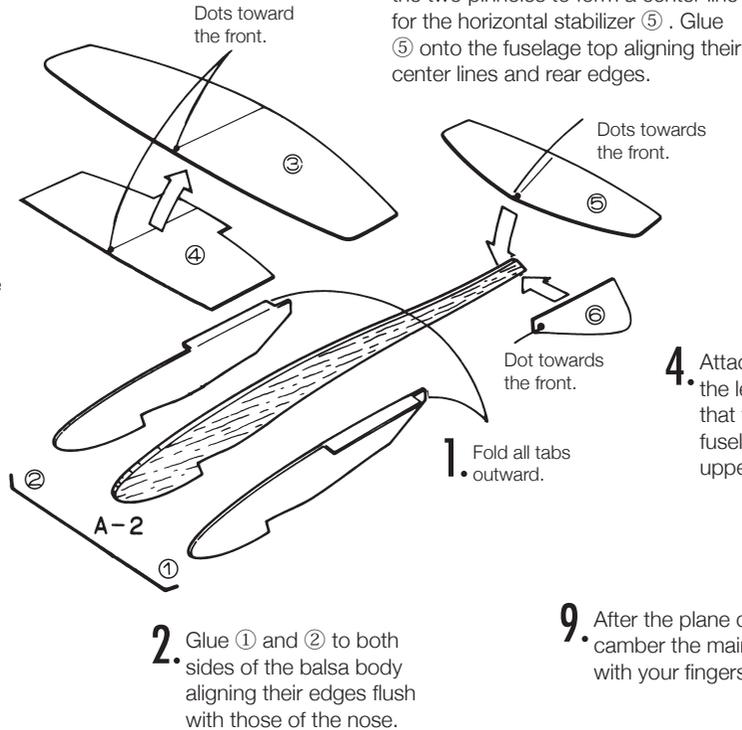


Whitewings Racer 527 Sky Fish @

● GLUING INSTRUCTIONS

Glue the parts together in the order indicated. Use the balsa body marked A-2 for this model.

3. Glue **r** to the underside of **③** aligning their center lines. Allow them to dry thoroughly.
6. Place a ruler along the center line of the main wing (**③ + ④**) and bend each side up individually to make a dihedral angle of 15°. (Use the dihedral angle gauge.)
7. Glue the main wing (**③ + ④**) firmly to the fuselage aligning the center line of the main wing with the center of the fuselage top. In order to glue the main wing precisely and securely to the fuselage, rub the fuselage top smooth with a pencil before applying the glue.



● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.

Whitewings Racer 544 Snipe

● GLUING INSTRUCTIONS

Glue the parts together in the order indicated. Use the balsa body marked 62-2 for this model.

3.

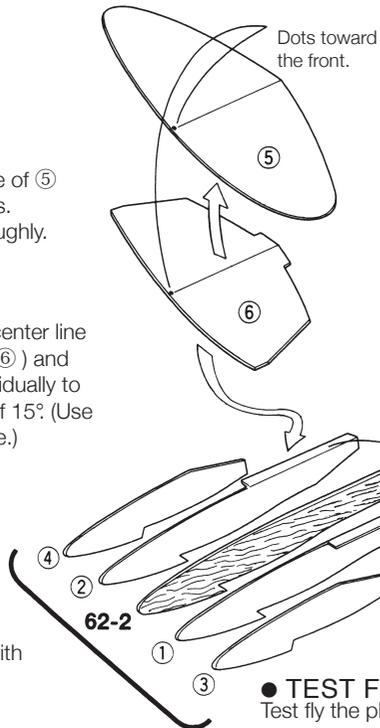
Glue ⑥ to the underside of ⑤ aligning their center lines. Allow them to dry thoroughly.

8.

Place a ruler along the center line of the main wing (⑤ + ⑥) and bend each side up individually to make a dihedral angle of 15°. (Use the dihedral angle gauge.)

2.

Glue ① through ④ to both sides of the balsa body 62-2 aligning their edges flush with those of the nose.



9.

Glue the main wing (⑤ + ⑥) firmly to the fuselage aligning the center line of the main wing with the center of the fuselage top. In order to glue the main wing precisely and securely to the fuselage, rub the fuselage top smooth with a pencil before applying the glue.

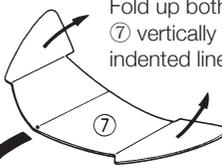
4.

Using a pencil and a ruler, connect the two pinholes to form the center line for the horizontal stabilizer ⑦ .

Dot towards the front.

5.

Fold up both edges of ⑦ vertically along the indented lines.



6.

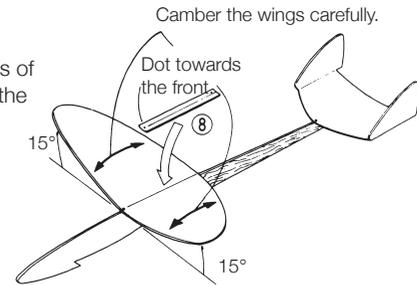
Apply glue to the folded lines of ⑦ to fix their positions at right angles.

7.

Glue ⑦ onto the top of the fuselage aligning their center lines and rear edges.

10.

Fold ⑧ up slightly along the center line and glue it to the center of the main wing.



11.

After the plane dries thoroughly, camber the main wings carefully with your fingers.

12.

Using the dihedral angle gauge, make sure the dihedral angle for the main wing measures 15°.

13.

Make sure both of the vertical stabilizers are at right angles to the horizontal stabilizer.

14.

View the plane from both the front and the back and straighten any warps or bends in the wings and tail.

● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.

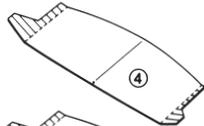
Whitewings Racer 537 Gull

● GLUING INSTRUCTIONS

Glue the parts together in the order indicated. Use the balsa body marked R for this model.

3.

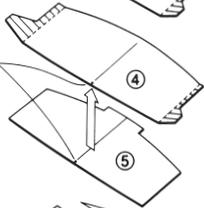
Place a ruler along the indented lines on part ④ and bend the tabs slightly upward.



4.

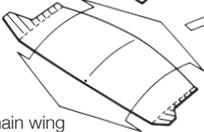
Dots toward the front.

Glue ⑤ to the underside of ④ aligning their center lines. Allow them to dry thoroughly.



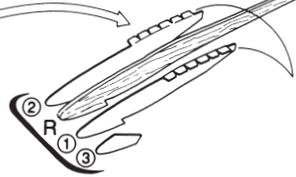
5.

Camber the main wing (④ + ⑤) carefully with your fingers before gluing it to the fuselage.



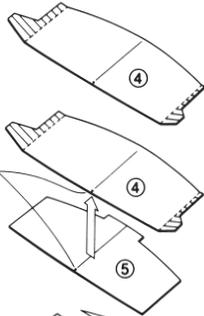
2.

Glue ①, ② and ③ to both sides of the balsa body aligning their edges flush with those of the nose.



8.

Glue the main wing (④ + ⑤) firmly to the fuselage aligning the center line of the main wing with the center of the fuselage top. In order to glue the main wing precisely and securely to the fuselage, rub the fuselage top smooth with a pencil before applying the glue.



7.

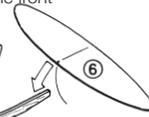
Using a pencil and a ruler, connect the two pinholes to form a line on the vertical stabilizer ⑦. Apply glue to the area below the line on ⑦. Then attach ⑦ to the right side of the fuselage. Make sure that the line on ⑦ and the upper edge of the fuselage are flush and that the rear edge of ⑦ touches the front edge of ⑥.

Dot towards the front.

Dot towards the front.

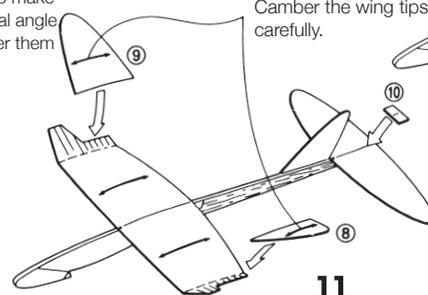
1.

Fold all tabs outward.



9.

Camber both wing tips ⑧ and ⑨. Using the gauge as a guide, fold tabs on both ends of the main wing to make a 35° dihedral angle. Then camber them as well.



6.

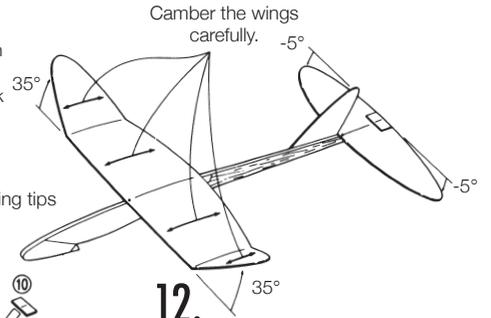
Using a pencil and a ruler, connect the pinholes to form a center line for the horizontal stabilizer ⑩. Glue ⑩ onto the fuselage top aligning the center line and rear edges.

11.

Draw a line connecting the two pinholes to form the center line for ⑩. Then, glue ⑩ to the surface of ⑥ aligning their center lines and rear edges.

10.

Apply glue to the top surface of the folded tabs of the main wing. Attach wing tips ⑧ and ⑨. Once again, use the gauge to check to see if the dihedral angle at the tips of the wings measures 35°.



12.

Fold the horizontal stabilizer ⑩ down slightly along its center line to make a downward dihedral angle of 5°. (Use the dihedral angle gauge.)

13.

After the plane dries thoroughly, apply camber to the main wings carefully with your fingers.

14.

Using the dihedral angle gauge, make sure that the dihedral angle for the wing tips measures 35°.

15.

View the plane from both the front and the back and straighten any warps or bends in the wings and tail.

● TEST FLIGHT

Test fly the plane according to the Test Flight instructions on pages 6 and 7.