

Shikra



1. Specifications

Construction	ARF
RC	* 2,4 GHz
Fuselage	EPO
Wings	EPO
Span	1400 mm
Length	920 mm
Take off weight gewicht	620g
Recommended servos	* 9g
Recommended Motor	incl.
Recommended Controller	20A (incl)
Propeller	4,5 x 4,5 incl.

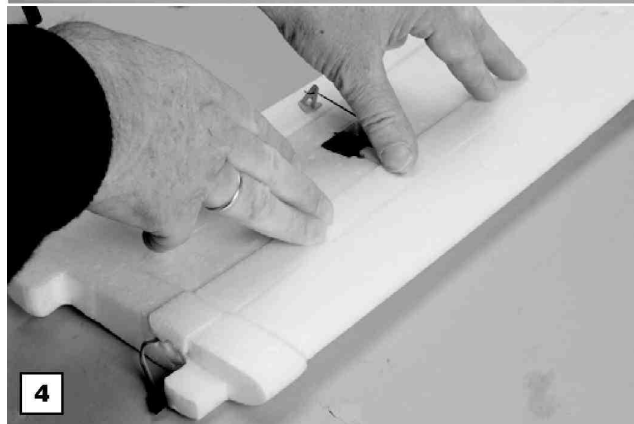
4. Assembly

1. Take out the Y-cable and slide the single cable trough the opening in the fuselage as depicted.

2. Pull the single cable end towards the cockpit so that it can be plugged in the receiver later. The two other ends of the cable must be on both sides of the fuselage as depicted. The servos of the ailerons have to be connected to this cables later.

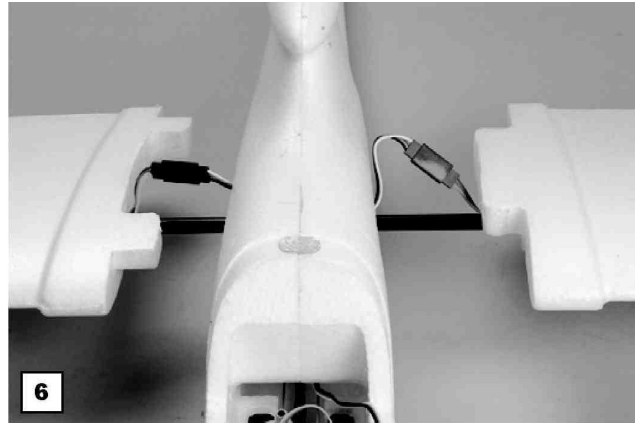
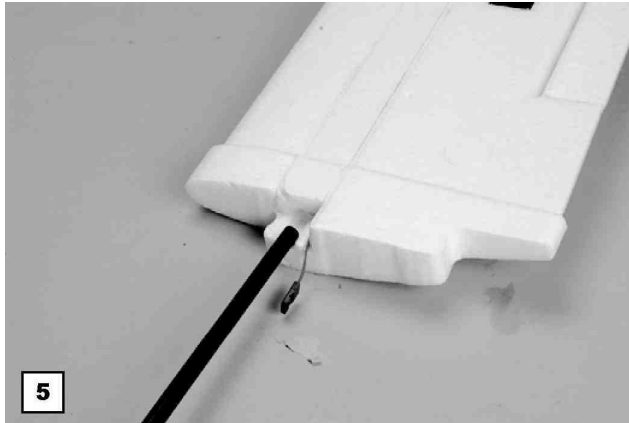


3. Check and fit the wing joiner covers and glue the covers of the wing joiner on each wing panel (L+R). Take care to avoid that glue is spilled inside the guide on the surfaces which will make contact with the wing joiner later (hollow cylindrical surface). The wing cover need to be glued over its complete length and hold firmly in place during the gluing process. Once the wing cover is fixed the wing joiner must have a tight fit inside the wing.



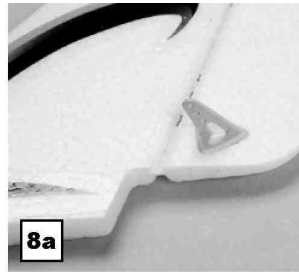
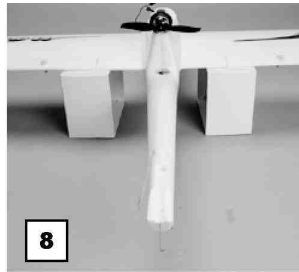
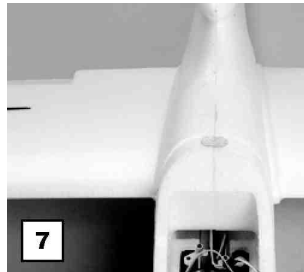
4. Press and hold the wing joiner covers into the wing panels during the curing process and make sure the covers are completely in their sleeve.

5. Slide the wing joiner through one wing section.
6. Slide the wing panel with the wing joiner, into the fuselage and slide the other wing section over the wing joiner respecting a 10cm distance between fuselage and wing in order to connect the servo cables of the ailerons to the Y-cable ends.



7. Slide the two wing sections, into the fuselage, taking care of the jigsaw form and take care that both wing panels fit correctly to the fuselage. We recommend you to secure and tape the male and female servo connectors together and gently slide them through the central hole by pulling the lead from the cockpit side.

8. Place the wings on blocks (or books) with the same height, so the airplane lays perfectly horizontal.

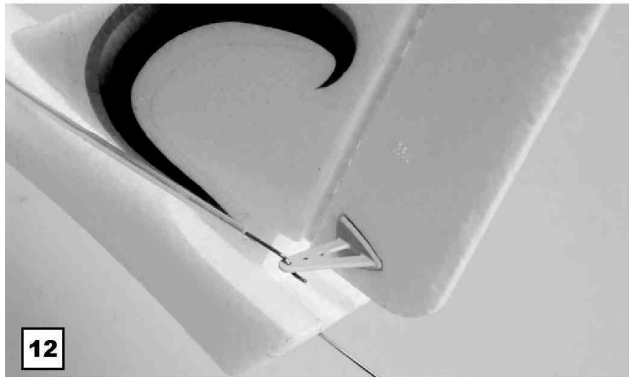
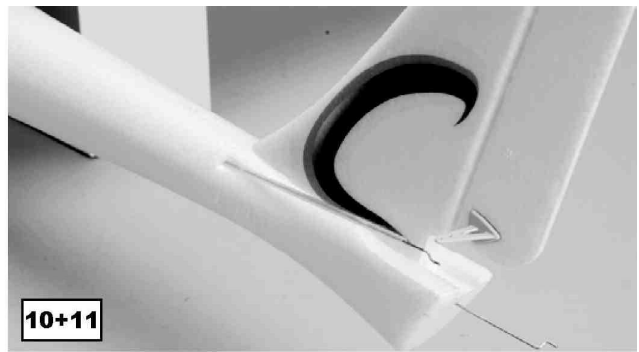
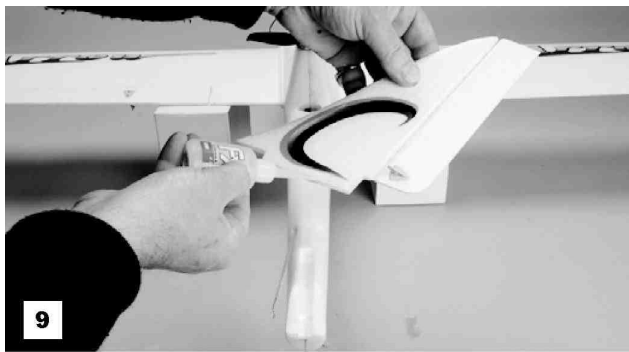


- 8a. Mount the control horn of the rudder where the foam is slightly dented and fix with its back plate.

- 8b. Mount the control horn of the elevator where the foam is slightly dented and fix with its back plate.

9. Apply glue on both sides of the bottom of the rudder.

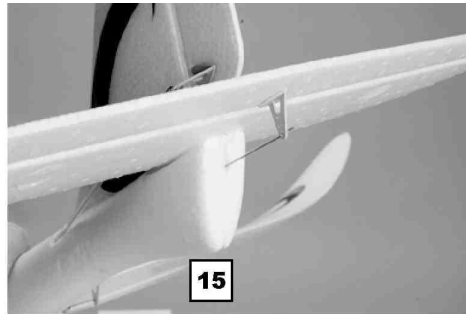
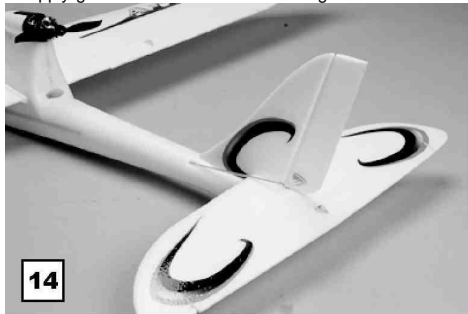
10. Slide the rudder in its slot.



11. Start pushing gently the rudder from front to aft until it is fixed in the slot.

12. Connect the pushrod to the control horn of the rudder.

13. Apply glue on both sides of the fuselage where the elevator will rest.



14. Slide the elevator in its slot, so it fits properly to the fuselage. Control there is no gap and the cam fits in the slot of the fuselage.

15. Place two blocks of equal height under the elevator as depicted and make sure that the rudder is perpendicular (90°) to the elevator, and the elevator is parallel and in the same plane as the main wings. Respect equal distances on both sides.
16. Connect the Y-cable of the ailerons on the receiver (channel) en slide the receiver towards to front of the cockpit. Lead the antenna through one of the ventilation holes.
18. Place the battery as indicated en fx with Velcro or tape, Make sure the battery can't slide during flight First turn on the transmitter, and next turn on your receiver by connecting the LiPo battery to the ESC. Check whether all functions are working right and if necessary, reverse the working sense of the corresponding channel on the radio.
19. Glue the two ailerons servos inside the wings and connect the servo rod to the horn (only for kit # 12630 Arrow ARTF) Guide the servo lead in its groove along the wing joiner to the center of the wing.
20. Glue the rudder- and stabiliser servos inside the cockpit fuselage and connect their respective pushrods. (only for kit # 12630 Arrow ARTF)

The CG LOCATION is 45mm from the leading edge of wing.