



## ASSEMBLY INSTRUCTIONS

Hello friend! You are about to try a new way of assembling kits. Much easier and faster. However, we need to pay attention to some guidelines to facilitate our assembly:

- 1- all indications engraved on each piece must always be visible;
- 2- they must always be facing forward, in the case of horizontal and outward in the case of vertical;
- 3- the fittings are accurate, but if there is a need for any adjustment, do it;
- 4- do not glue definitively before making sure it is in the correct way, so assemble the parts before gluing them;
- 5- you will need sandpaper of various thickness, CA glue and / or wood, in addition to epoxy;
- 6- all assembly is illustrated on the A1 format sheet with this kit. The guidelines that may not be there, will be here.

Knowing all the guidance presented, we will start the work. Good assembly and good flights!

### **VERTICAL STABILIZER:**

- let's start with the easiest one, the vertical stabilizer. Find piece R1 and glue it together with R2, R3 and R4. End with R5. The moving part, R6, is one-piece. R7 will only be glued after the model has been covered. Separate it.

### **HORIZONTAL STABILIZER:**

-in the same way, join pieces E1, E2 and E3. Locking the structure, glue E4 as shown in the illustration. Finish with parts E5 and E6. Ready! The control surface is also a one-piece E7. Finished!

### **CANOPY:**

-very simple. With the two pieces H3, glue the surfaces H1 and H2. But first, these two need to have their internal edges chamfered in order to promote a perfect fit between them. Glue the MAG piece to the magnet region and H4 aligns with the hole in C1. Both operations must be done after the fuselage is ready.

## **WING:**

-wing assembly always starts with spar S1. On top of it, we will fit the ribs, starting with W1 and ending with W17. These can come in tight. Sand the fitting so that it goes in more easily. If you don't, the wing may become bowed. Use joiner to align W1, W2 and W3. Fit trailing edge BF and leading edge AB. Once fitted and aligned, add a dash of AC to lock them in place. Continuing, fit and glue the 6x5 rods in their respective locations, in addition to the 3x3 rod (see drawing), always checking the wing alignment. Glue the set P2 and P3, according to the drawing, and fit into position with the hole facing the wing root.

-glue 2 pieces of TIP to W17, according to the drawing. This has the curvature of the leading edge that must be transferred to part AB.

-under the wing, glue the platings CH 2 and CH 4, at the root of the wing, and CH SERVO between W5 and W7. On CH SERVO, glue the small pieces X, as indicated. On the wing, at the root, glue CH 1, CH 3, CH 5 and CH 7.

-Finish by sanding the entire wing, removing all excess and aligning the surfaces. Done, paste W0. Use epoxy glue for this. The AIL (aileron) part will be installed with your preferred hinge. Perform these actions for the other wing.

## **FUSELAGE:**

-let's start by assembling parts F1, F2 and F3. Note that they have the designations D or E, right and left, corresponding to the sides of the fuselage. We will also assemble the MAG FUSE sets with M, C2 with C in addition to the landing gear base G1, G2 and G3 (see drawing). Don't forget the P1 set (2x). This must be installed the blind nuts under the assembly.

-now find the right side already assembled, glue it in sequence REF W, REF H. Afterwards, the MAG FUSE set, the C2 set, the P1 set, in addition to the landing gear set G and the SERVO and C3 parts

-Repeat the operations on the left side, gluing REF H and REF W. Glue the left side to C2 and C3. Under the fuselage glue F5, starting just after the landing gear and heading towards the tail. At this point, continue fitting parts C4, C5 and C6 simultaneously.

- in the nose, glue C1 to the fuselage. Use epoxy glue for this operation. Finish by gluing F4 under the fuselage.

-pass the conduits through the holes in C3, crossing them in C4 and exiting through the side slot in the fuselage. Glue them together and remove the leftovers.

-close the tail with piece F6.

-give it a good sanding, removing any irregularities and relieving sharp corners.

-Try the wings on the fuselage before covering them. Some adjustment may be needed.

## **FINAL CONSIDERATIONS:**

- after everything is covered, glue the stabilizers to the fuselage with epoxy. Make sure it is perpendicular. It is recommended to attach the wings to the fuselage for wing-horizontal stabilizer comparison.

-glue pieces B1 and B2 under the fuselage (see plan), close to the tip of the tail. This piece serves as a support for the rear tailwheel wire, which is not included in the kit, and you must use 1.6mm wire or another.

-Recommended CG is 64mm at the wing root. Adjustments can be made to suit flight conditions.

-2212 1400kv motor, 9x6 propellers, 30A esc and 2200mha 3s battery.

-NEVER fly without the AP part. It is what holds the wings to the fuselage using screws.

-initial adjustment suggestion for aileron/depth/rudder

-D/R 85%

-EXP. 50%

Try it and make your adjustments according to your riding.

**CONGRATULATIONS!!!** You have just assembled your Telemaster 120 by Bluesky. I hope it was a rewarding and pleasant experience. We thank you for choosing our brand and we hope to count on you in more opportunities. Follow us on Instagram and Facebook. Follow our projects and developments.

## **Equipe Bluesky Airmodels**