



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 R2 and R3 to its ends. Close with R4 and finish with crosspiece R5. The control surface, find R6 and glue to it R7, R8 and closing with R9. Lock the system with R10. Finished!

HORIZONTAL STABILIZER:

-in the same way, join parts E1, E2 and E3. Locking the structure, glue E4 as illustrated. Ready! The control surface starts with E5, glue the two pieces E6 and then the two E7. Close the ends with E8. Lock the entire system with E9 parts.

HOOD:

-very simple. Join structures H2 to H1. Paste MAG. behind MAG.H2. Once the set is assembled, glue it to H2, as shown in the drawing. To finish, paste H3 on its half, on H1 on its front. See illustration.

WINGS:

-the assembly of the wing always starts with the spar S1. She is a curved piece. On top of it, we'll fit the ribs. Starting with W1 and ending with W12. Watch out for the W10, W11 and W12 ribs, they are very small and sensitive. Use aluminum bayonet for W1 and W2 lines. Once fitted and aligned, use a drop of AC to lock them in place. Moving on, mount the trailing edge. This consists of pieces BF 1 and BF 2. Glue them and then place them at the end of each rib in their respective places. Note that before this operation, moisten with alcohol or water, the indicated region of BF 2 (see drawing) and carefully force upwards in order to bend the tip of the same. Hold for a few moments until conformation. This will make it easier to snap onto the end ribs, not pulling them down. During the entire process of assembling the wings, check if it is getting warped. If so, twist the set carefully. Refer to the leading edge of the ribs.

-it's time to fit the 3x3 rods. They should enter with some pressure but not too strong. If so, file the ribs that are causing it. The rods range from W1 to W11. It is advisable to moisten the rods to help them bend. Do it! Always check for warpage. Repeat the operation with the other wing.

SHEETING:

-Let's strengthen the wings. We will start with the CH 1 plate. Glue it onto the 3x3 rod. Start gluing over W1 and gluing rib after rib. Use CA glue in this step. Then repeat the operation with CH 2. You will see that there will be material left over both for the front and for the tip. Sand these leftovers until you find the ribs.

- Paste CH 3_1 to CH 3_2. Afterwards, fix it in its position. Repeat the operation with CH 4_1 and CH 4_2. Stick them in place as shown in the illustration.

-find AB 1 and AB 2 and merge them. Once that's done, glue them to the leading edge of the wing. Check for warpage. Adjust if necessary. Done, use sandpaper to round the leading edge, creating the aerodynamic characteristic of a wing. Sandpaper all over the wing to remove and correct imperfections. Finish by pasting W0. This one must be done with epoxy. Use the aluminum bayonet as a guide in addition to the wooden peg.

FUSELAGE:

-glue the F1 and F2 parts to form a fuselage side. Dock C2 and C3 in their locations. Don't paste them! Paste REF.FUSE.W and REF.FUSE.H in their places. Also glue the triangular rods and the SERVO piece. Mount the MAG.FUSE and MAG magnet holder. later pasting them into position. Assemble the locknut bracket P1 and P2. Align the holes for such an operation. Attach the clevis nuts under P2. Use epoxy for the nuts. Be careful not to dirty the nut thread. Finished, paste this set into the REF.FUSE slot. W as per drawing.

-Remove C2 and C3. In C2, glue the CW reinforcement. Now fit them on the other shaped side and repeat the operation gluing the reinforcements and triangular rods. Ready! Time to put the two sides together. Before, fit C4, C5 and C6. Close the sides and glue them together. Make sure the tail cone is symmetrical, closing evenly.

-Mount the bottom by first joining F3 and F4. Then fix them in position. Before closing the top, we must pass the wire conduits of the commands. Make them by sticking them through each hole you pass through.

- glue C1 on your nose. Use epoxy glue for the operation. It will be necessary to sand the ends of the triangular rods to fit C1.

- we are ready for the closing of the fuselage. Glue F5, F6, F7 and F8 in sequence plus C7 at the end of the tail. It is advisable to install the motor before closing F5. This will make it much easier, as access once closed is tighter.

-use the spinner of your choice. Mark its circumference in C1 and then, with a coarse sandpaper, thin the fuselage, in order to have a smoother transition between fuselage and spinner.

-run a medium sandpaper to smooth edges and remove irregularities on the surface. Finish with finer sandpaper.

FINAL CONSIDERATIONS:

- after everything is covered, glue the stabilizers with epoxy to the fuselage. Ensure perpendicularity. It is advised to attach the wings to the fuselage for comparison.

-when covering the wings, do not use a blower and be careful not to warp.

-Recommended CG is 66mm at the wing root. Adjustments can be made to suit flight conditions.

-engine 2212 1400kv, 9x5 propellers, esc 20 to 30A and batteries 850 to 1000mha 2s.

-NEVER fly without the AP part. It is she who holds the wings to the fuselage by means of the screws.

CONGRATULATIONS!!! You have just assembled your La Señorita glider from 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.

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