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:

- start by putting pieces R1 and R2 together. Then join R3, R4 and R5. Finish with R6, as in the picture. The second part starts with R7. Paste R8, R9 and R10. Lock the system with R11 to end. We have the stabilizer ready!

HORIZONTAL STABILIZER:

-in the same way, join the pieces E1, E2, E3. Locking the structure, glue E4 and E5 as illustrated. The movable surface is a single piece without nomenclature, and can be easily identified in the drawing. Deep ready!

CANOPY:

-assembly is quick and easy. On part H1, paste H2 in the area demarcated by the laser. Now glue H3 in front of H1. Notice that in H3 there is a marking where it should be positioned under H1 (see plan). Finished!

WINGS:

-find the S1 comb stringer. It will serve as a guide for placing the ribs. Start fitting the ribs W1 to W7 in S1. Use a small square to ensure better perpendicularity before gluing. The first ribs, use aluminum bayonet to align them. Remember: outward and forward directions.

- once this is done, fit the BF piece to the trailing edge of the ribs. Fit and glue the 3x3 rods in the place indicated in the drawing. There will be leftovers that must be removed later. Glue the AP 1 piece with the hole next to the wing root (see drawing).

-the pieces TR 1, TR 2 and TR 3 will be glued after fixing the plating.

-the ailerons (AIL) entered after covering, at the end.

-as the ones that can be glued in a single one of 1 meter of reserve or them in two parts of 50 centimeters each. If the first option is chosen, insert the bayonet and the aluminum foil with epoxy, preferably joining the W0 ribs. In this case, when using the fuselage, it will not be necessary to use the AP part. Now, if they are allowed separately, it is necessary to use the AP part.

SHEETING:

-time to reinforce the wing. The sheets are cut with scraps, so you will need to cut and sand at the end. At this stage I suggest the use of CA.

-glue CH 1 on the crate rod, along its entire length. Fixed, apply glue over the ribs and force it all at once. If you prefer, it can be done one by one, but be careful not to warp. Repeat the operation with CH 2. Glue CH 3 and CH 5 in their respective places. Join CH4_1 and CH4_2 together before gluing into their positions. Glue them now the wings according to the drawing.

-find the CH_SERVO1 and CH_SERVO2 parts and join them together. Reinforce the square hole of CH_SERVO1 with the plywood piece SER W. The latter must be fixed on top of CH_SERVO1. Pay close attention before gluing them! Once this is done, glue the entire set of wings, between the ribs W4 and W5.

FINISHING:

-almost ready! Now we are going to sand the leftovers of the sheets until they meet the ribs. Glue ED as per drawing. Sand the leading edge, creating the typical airfoil. Also glue the W0 ribs, one on each wing. Use epoxy in this step. Glue the 6mm dowel in place (half inside).

-in this step, the wing tips are glued with the TIP piece.

- also glue the pieces TR 1, TR 2 and TR 3, according to the drawing. Align their tips with the plating surfaces.

FUSELAGE:

- we will start the assembly by joining some parts forming sets. First glue M under MAG. Then, on C2, glue P (the front), LG 1 on the back and below in the socket of C2. Reinforce with the triangles LG 3. Glued these, fit and glue between them, on LG 1, the piece LG 2. Now make the set AP 2. These pieces are identical. Underneath them, fit the blind nuts into each hole. Secure them with a little glue. Once the sets are done, let's go to the assembly.

-find one of the F1R or F1L sides. They are similar, but there is a slight difference between them, so F1R is the right side and F1L the left side. Let's start with the right side (F1R) as shown.

- glue the set of C2 and also C3 in their positions. Glue the REF H and REF W reinforcements in place. Glue the MAG set into the REF H slot and the AP 2 set into the REF W slot. Attach the SERVOS piece with the Bluesky logo to the front. Fit C4 and C5, but do not glue them.

- in F1L glue the reinforcements REF H and REF W equal to F1R. Paste F1L to C2 and C3. Using the F3 piece (bottom part) snap it into position and continue gluing the fuselage sides and elements C3, C4 and C5. Doing it this way will ensure tail cone alignment. Glue part B to the end of F3.

-do the same with the nose, fitting and gluing F2 under the fuselage. When gluing C1, use epoxy to fix it.

- before closing the fuselage, the conduits of the rear controls must be passed. Pass them crosswise, thus preventing them from curling. Fix them in position with glue and remove excess.

-to finish the fuselage, gluing in its positions F4, F5, F6 and F7

-the battery cradle is made as follows: on the sides of the F1R and F1L there are slots where BAT 2 and BAT 3 must be fitted laterally. Secure them with glue from the inside. After installing the ESC, fix BAT 1 with 2 flange screws contained in the kit.

FINAL CONSIDERATIONS:

-all assembled, it's time to sand, leaving the model ready for covering. Sand the wing and fuselage removing any imperfections.

- after covering, glue the stabilizers to the fuselage using epoxy, always maintaining perpendicularity.

-fix the main landing gear with three flange screws.

-the tailwheel can be made with a piece of the stainless steel wire present in the kit, fixing it to the rudder, passing through the hole in part B or installing a ready-made one found on the market.

-use hinges of your choice. I suggest x-ray plate or acetate.

-setup:

* 2830 1300kv, esc 40A, propeller 8x6 or emax 2215/09 1180kv, esc 40A, propeller 10x6 or other preferred by the pilot

*4 9g metal gear servos.

-cg recommended : 61mm .

-ATTENTION: exponential configuration is required for better control of the model.

SUGGESTION: ailerons .....D/R 60% EXP. 65%
elevator.....D/R120% EXP. 55%
rudder.....D/R 100% EXP. 50%

-these suggestions can be changed according to the pilot's preference.

-use 1300 until 2200 3s battery.

CONGRATULATIONS!!! You have just assembled your Moska 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.

Bluesky Airmodels Team