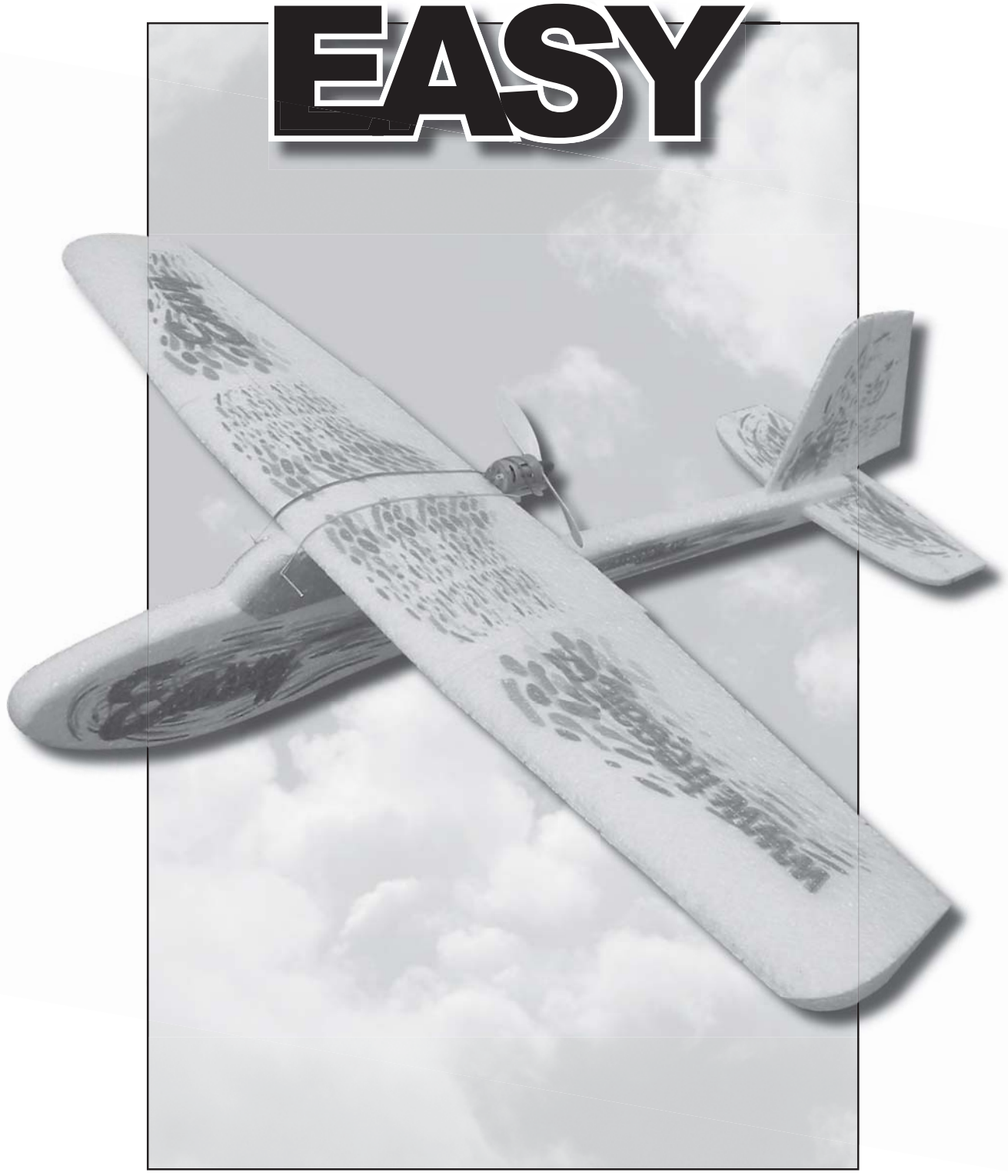
FREE AIR

EASY



www.freeair.cz

Dear customer, congratulations on the purchase of the Easy model. Before you begin, please, read carefully the building instructions and make sure that you understand the building process.

DESCRIPTION OF THE MODEL:

The model is completely made of EPP. With its weight beginning at 230 grams it is an ideal model for flying in any suitable spot (e.g. a school playground or in the street). It is intended for beginner pilots. To power it you may use a brushes motor Mig 280 and 2 LiPol cells. Thanks to a well thought-out design the construction would take only about 60 minutes.

BUILDING PROCESS:

Use medium or thin CA glue to glue all parts. The building begins by gluing the wing together (fig. 1). Further make a shallow cut in 1/3 of the wing from the leading edge, to insert the Al wire spar. Push the wire into the slit (fig. 2) and adjust the dihedral (fig. 3). Less experienced pilots should have cca 60 mm dihedral, more experienced pilots some 40 mm. Both wing halves should have the same dihedral! When you are satisfied with the dihedral, apply thin CA glue to fix the wire in the wing. Glue the stabilizer to the fuselage (fig. 4), glue the vertical fin to the fuselage (fig. 5) while controlling the geometry of the tail with respect to the fuselage. Cut a slit in the controls and glue in the respective control horns (fig. 6,7). Cut a slot for tail control servos in the fuse. The slot should be 1 to 2 mm smaller than the size of the servos. Wrap the servos in adhesive tape and glue them in the fuse using CA glue. Install the pushrods (fig. 9, 10). The recommended wiring of the DC power train is on the fig. 11. Glue in the motor mount (fig. 12). Fig. 13 shows the location of the ESC and the receiver. Use rubber O-ring to attach the motor to the mount (fig. 14). Glue the Al stick under the LE of the wing (it holds the wing retaining rubber loop). The battery is initially held in place by a rubber loop. Shift the battery to find the correct centre of gravity (the CG is 50 +- 5mm from the LE). When you find the correct position for the battery, cut a slot in the fuselage to insert the battery into. Now the model is ready. Check if you have the right control throws and you can go flying.

This model is no toy – therefore avoid flying in crowded places or such areas where health or property not only of yourselves, but also of third persons could be jeopardised.

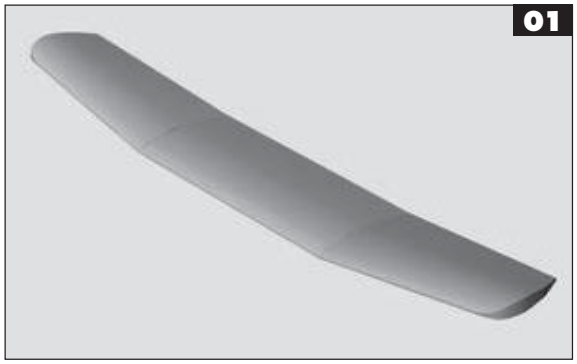
Lots of fun and many happy landings wishes FreeAir.

PARTS LIST

Part name	Pcs	Part name	Pcs
Fuselage of EPP	1	Wing stiffener (Al wire)	2
Control rod	2	Elevator	1
Wing of EPP	1	Motor mount	2
Tube for control rod (3x20mm)	2	Instructions	1
Vertical tail of EPP	1	Al wire 2x60mm	1
Version with power unit			
Brushes motor Mig 280	1	Propeller	1

You will need the following tools and materials:

CA glue, CA glue accelerator, a sharp (modelling) knife. To complete the model you will need: a receiver (MZK), servos (W-060), a controller (12A or similar), a battery pack (2 LiPol cells of 800-1200 mAh).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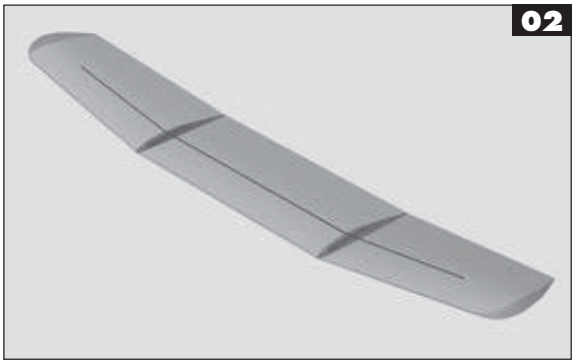
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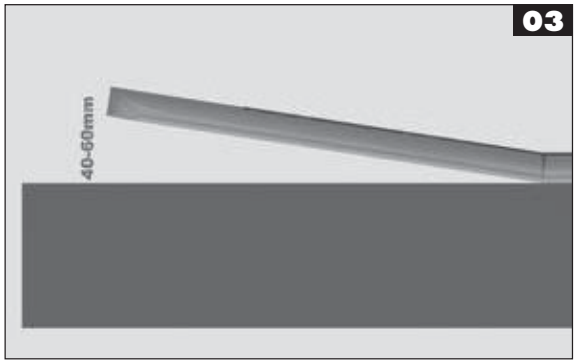
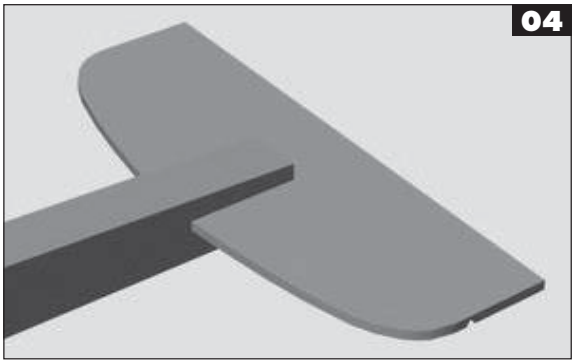

03
40-60mm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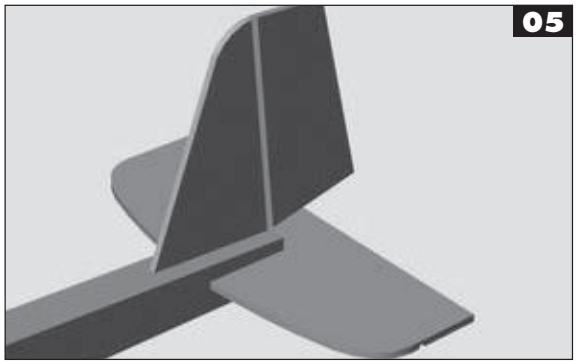
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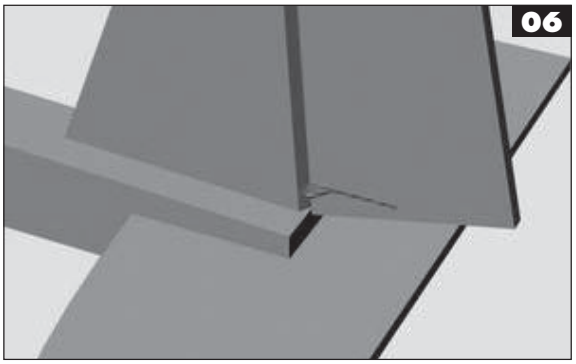
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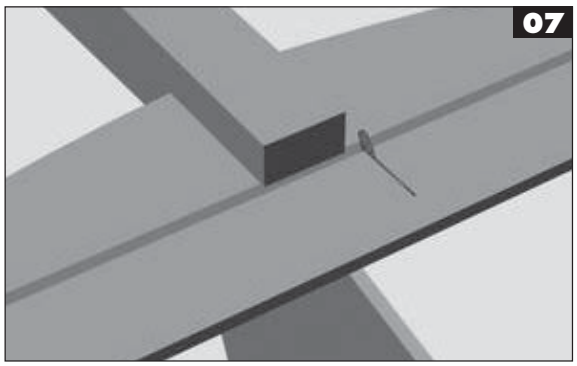
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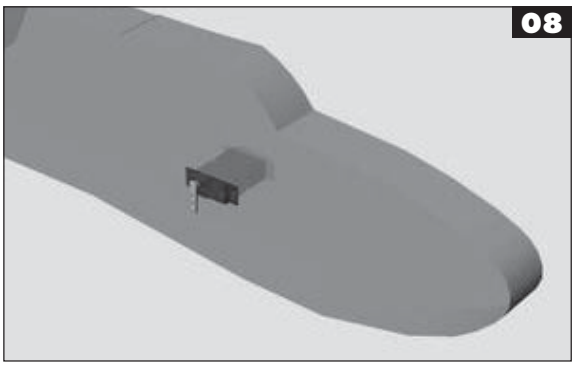
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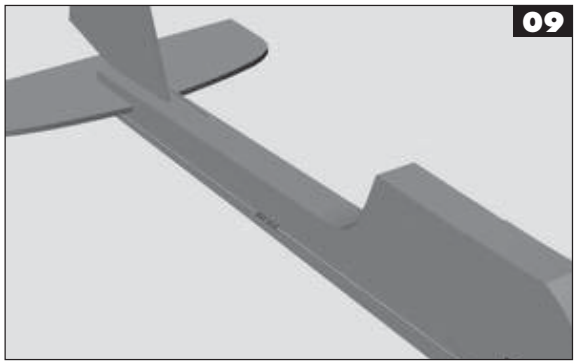
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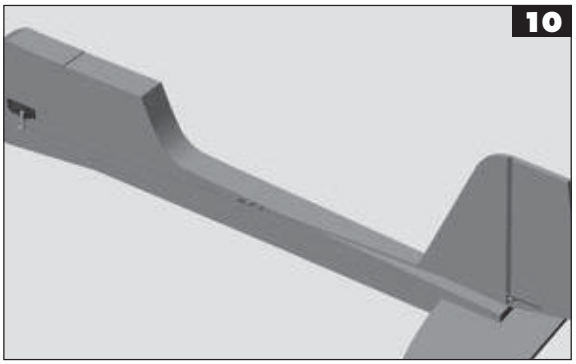
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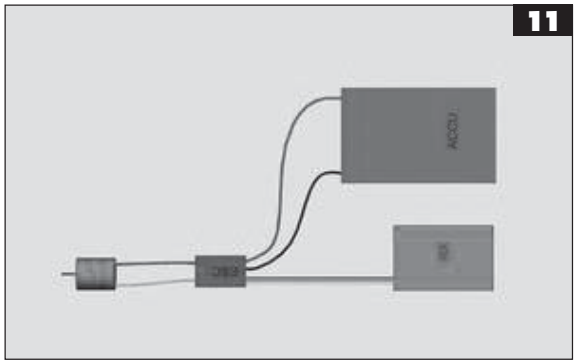
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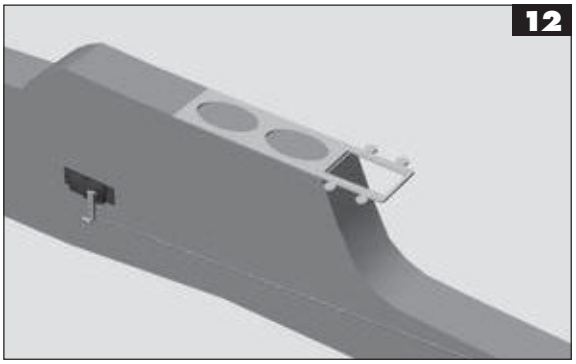
ACCU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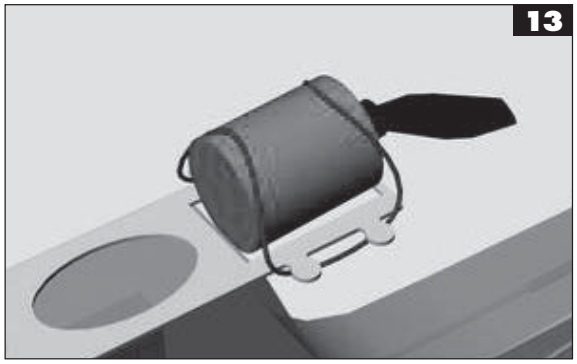
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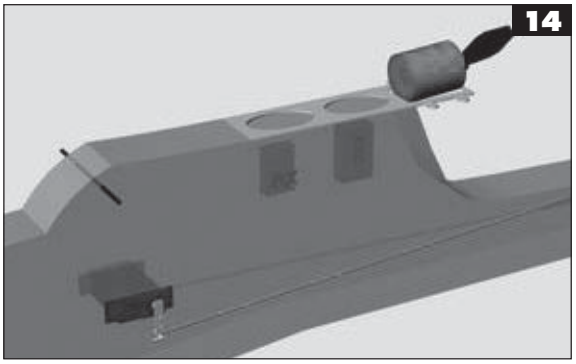
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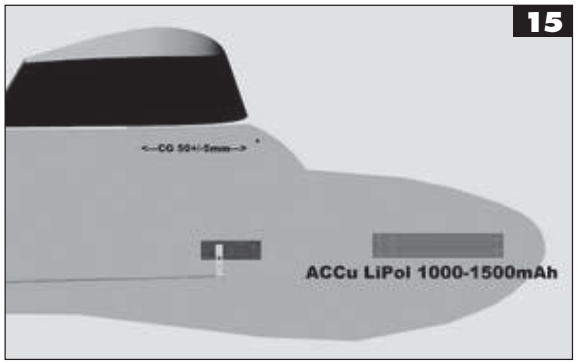
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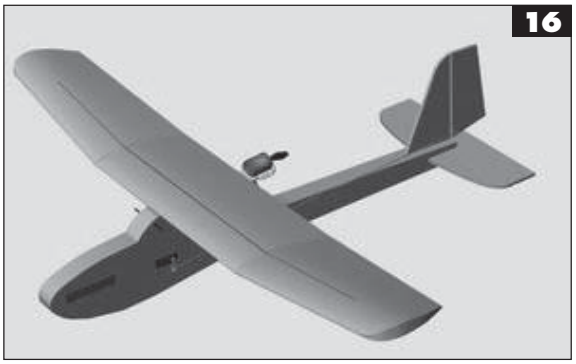
<—CG 50+/-5mm—>
ACCu LiPol 1000-1500mAh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