

## How to make your new Micro Magic 2014.V2 class-legal

Dear Micro Magic friends,

### **Introduction**

After a long period of waiting, the first bigger batch of MM's from China finally arrived in the distribution warehouses.

We are happy that the class can grow further from now on.

The official Graupner denomination is V2 for version 2.

As often, the first samples of the new V2 are slightly different in a few aspects, compared to the Racing Micro Magic 2014.1, which has been available until about 2013.

In the meantime Graupner has been well informed about every detail and has promised to improve it over the next shipments. We shall see.

So far the hull is a little bit flatter, but that can't be changed. We have to accept this, as long as Graupner doesn't change it.

An international discussion of the situation resulted in a mutual agreement not to modify the class rules during the transition period, just to cover some temporary deviations.

However, in order to maintain the uniformity of the boats as good as possible, a few recommendations have been made how to build and modify the actual V2 boats, in order to get the boats class-legal.

Most important discrepancies between the new Micro Magic V2 and old boats (= the rules) are the positions of jib and rudder and the length and weight of the RTR keel.

### **Recommendations**

#### *Ready to race (RTR)*

The keel (RTR includes the classic fin version) goes too deep, e.g. 138mm instead of max. 135mm.

The keel is also too heavy, about 430 gram instead of max. 420 gram.

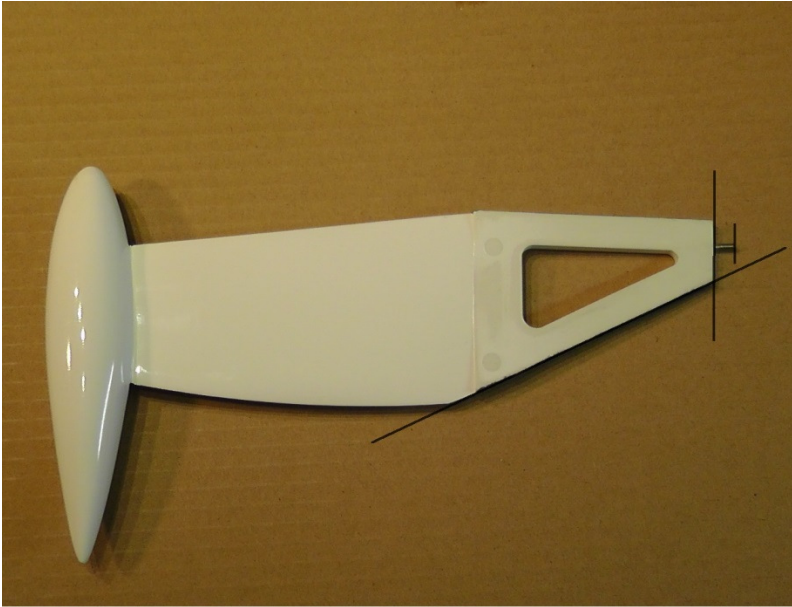
#### *Recommendation:*

Drill a hole in the bomb and fill up with lightweight material. Sand or cut the tongue as shown in the picture.

You might want to remove the keel bomb's plastic cover first and do your own filling and fairing.

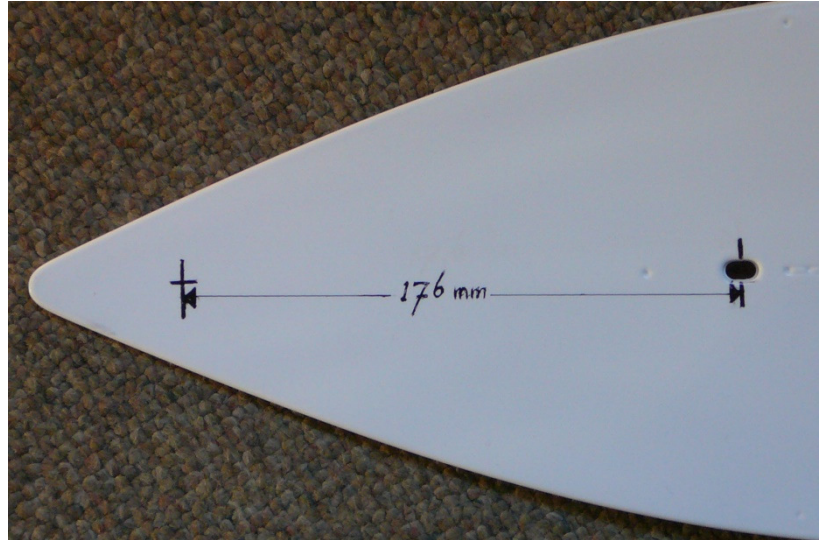
In any case please pay attention to common safety precautions while working with lead.

Make sure that the keel weighs no more than 420 gram and is no longer than 135 gram



### KIT

- Jib-attachment  
The mark in the deck for the jib-attachment is wrong. It should be **176 mm** from the middle of the mast-position, as shown in the picture.



- Rudder position  
There is neither a hole nor a mark in both hull and deck. It should be **210 mm** from the back-side of the keel-trunk, as shown in the picture.



- Keel  
The kit includes the racing fin and a new keel bomb. The completed keel will be max. at around 410g. There are actually (Jan 2015) heavier (old) keel bombs as accessory available. Of course it is still allowed to use the classic fin as well, which is actually (out of a new mold) about 14 g heavier than the racing fin. Whatever you combine, make sure it is within the 420 gram and 135 mm.

As long as everybody is ready to adjust his boat to the measurements and requirements as mentioned above it seems not necessary to change the class-rules right now.

For the existing rules see [http://www.int.magicmicro.org/MMI\\_rule.pdf](http://www.int.magicmicro.org/MMI_rule.pdf)

We wish you a lot of pleasure with your new Micro Magic !!

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