



BRCA Brushless Motor Homologation Officer.  
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### **R1 Brushless Motor Lab. -- V21 Spec. Motors.**

During June of this year, two different R1 type V21 motors used at two separate UK National events were retained from these events for further investigation. One was a 13.5T wind, the other being a 17.5T wind.

Both motors were 'stripped' and checked for compliance with current BRCA Electric Board Motor Rules. Both motors were found to have stator lengths that are significantly below the minimum length allowed. Both motors also had a significant amount of excess glue on one end of the stator, resulting in accurate measurement of stator length to be almost impossible. These motors therefore fail to comply with current BRCA EB rule 5.7 and were found to be different to the original samples submitted for approval in Sept. 2018.

As a result of what was found on these motors, the R1 type V21 Spec. Motors have been removed from the BRCA EB Homologation Lists.

Regards,

Paul Worsley. (BRCA EB, Brushless Motor Homologation Officer).