

CAPS Committee Report

To the QMA Board of Directors,

Per the assignment given at the 2010 QMA National meeting we have reviewed the class and platform structure in use in QMA. We have analyzed the challenges facing our organization and discussed many potential adjustments to the class and platform structure and attempted to predict the long term effects of those changes.

The goal of these recommendations is to reduce the number of classes, increase class size, improve the level of competition, and to provide racing challenges and opportunities that grow with driver age and experience, without eliminating any existing engines currently in use in QMA. If QMA chooses to adopt these measures, we recommend that the members allow several years for the effects of these changes to stabilize.

We propose that following class and platform structure be adopted by QMA and become effective for the 2011 racing season. The recommendations are separated into three different subjects and we recommend that they are considered and voted on individually. First is plan that includes primarily Deco class changes.

CLASS	AGE	COMBINED	CAR	Driver
Jr Novice	5-8	250	160	NA
Sr Novice	9-16	275	160	NA
Jr Honda	5-8	250	160	NA
Sr Honda	9-16	275	160	NA
Hvy Honda	8-16	325	160	100
Jr Stock	5-8	250	160	NA
Stock	7-16	285	160	NA
Modified	7-16	295	160	NA
Lt 160	8-16	270	160	NA
Hvy 160	8-16	325	160	100
B	8-16	305/315	160	NA
AA	9-16	315/325	160	NA
Lt WF	9-16	295	160	NA
Hvy WF	9-16	340	160	100
Half	11-17	350	170	NA

Second, is the same plan with the Animal engine in place of the Lt World formula engine and the heavy weight driver restriction removed from the remaining World Formula class, allowing light and heavy drivers to compete together. (Just like the 2009 class of World Formula)

CLASS	AGE	COMBINED	CAR	Driver
Jr Novice	5-8	250	160	NA
Sr Novice	9-16	275	160	NA
Jr Honda	5-8	250	160	NA
Sr Honda	9-16	275	160	NA
Hvy Honda	8-16	325	160	100
Jr Stock	5-8	250	160	NA
Stock	7-16	285	160	NA
Modified	7-16	295	160	NA
Lt 160	8-16	270	160	NA

HVY 160	8-16	325	160	100
B	8-16	305/315	160	NA
AA	9-16	315/325	160	NA
Animal	9-16	295/305	160	NA
WF	9-16	340	160	NA
Half	11-17	350	170	NA

Third is the option to permit the use of electronic ignition on Deco Novice and Stock engines. We recommend that QMA approves the optional use of electronic ignition systems on all Deco Novice, Jr Stock, and Stock engines. This option will allow current Mod engines to be used in any Novice or Stock classes, without additional cost or modification to the basic engine. Also, chronic breaker point/condenser failures will be eliminated. Electronic ignition, in conjunction with the proposed manifold and carb will assure current and future participants maximum return on their investment and many years of service from a single engine.

We have reviewed the challenges facing the Deco Novice engine as well as the Jr Stock class. We are recommending the use of the Briggs Animal carburetor on Deco Novice engines to address the disparity with Honda Novice engines. The Briggs Animal carburetor on the Jr Stock engines will address speed, drive-ability, and cost issues that pertain to that class.

Testing is underway on the Briggs Animal carburetor for use on both the Deco Novice and Jr Stock engines. The price of the new manifold/ carb assembly is projected to be less than \$150.

The performance and drive-ability of the Deco Novice engine will be comparable to the Honda Novice engine in it's new configuration. The Jr Stock engine will no longer use an exhaust restrictor plate and the performance of that class will be adjusted to be near or just above Sr Honda levels. **Additionally, the need for a specially ported engine for Jr Stock will be eliminated.** The test results and final configuration reports will be made available as soon as they are complete.

Combining Mod, B and AA divisions into single classes will increase the size of each class. We believe the level of competition will improve, with more members wishing to participate as a result. As class size increases, light and heavy divisions may be warranted in the future.

We believe that the current Lt World Formula class has adversely affected the overall growth and participation in the World Formula platform. Most younger drivers have struggled with the high power levels this class offers and the cost of tires has prevented participation by some prospective entries.

The proposed Briggs Animal class will be offered to all drivers aged 9 and older in place of the current LT World Formula class. Any driver 9 years old or older and up to approximately 145 pounds with safety gear would be competitive. The performance of the Animal engine is expected to reduce tire costs, and we expect the class to be easier to run for the younger driver.

The heavy driver requirement will be dropped from the remaining World Formula class. All drivers 9 and older, having the required experience would be eligible to compete. This class was very successful in 2009, and it offers light and heavy drivers, young and old to compete against each other.

We realize that these recommendations are significant, but we would like to assure the Board that much thought and consideration has gone into this process. These recommendations are intended to minimize the number of classes we race while maximizing participation in the remaining classes.

Respectfully Submitted
QMA CAPS Committee

CQMA Members:

Currently our classes are on pg. 27 of the 2010 Rule book, Table 5-1 also as follows:

QMA Required Ages and Weights by Class/Division.

CLASS	DIVISION	DRIVER	DRIVER AGE	COMB. WEIGHT (MIN)	CAR WEIGHT (MIN)
Novice	Junior	5-8	N/A	250 lbs.	160 lbs.
Novice	Senior	9-16	N/A	260 lbs.	160 lbs.
Honda	Junior	5-8	N/A	250 lbs.	160 lbs.
Honda	Senior	9-16	N/A	275 lbs.	160 lbs.
Honda	Heavy	8-16	100 lbs.	325 lbs.	160 lbs.
Super Stock	Junior	5-8	N/A	250 lbs.	160 lbs.
Super Stock	Senior	9-16	N/A	275 lbs.	160 lbs.
Mod.	Light	7-16	N/A	270 lbs.	160 lbs.
Mod.	Heavy	7-16	100 lbs.	325 lbs.	160 lbs.
Honda 160	Light	8-16	N/A	270 lbs.	160 lbs.
Honda 160	Heavy	8-16	100 lbs.	325 lbs.	160 lbs.
B	Light	8-16	N/A	270 lbs.	160 lbs.
B	Heavy	8-16	100 lbs.	325 lbs.	160 lbs.
AA	Light	9-16	N/A	270 lbs.	160 lbs.
AA	Heavy	9-16	100 lbs.	325 lbs.	160 lbs.
Half	Junior	11-17	N/A	350 lbs.	170 lbs.
World Formula	Light	9-16	N/A	295 lbs.	160 lbs.
World Formula	Heavy	9-16	100	340 lbs.	160 lbs.

*NOTE: Eleven to thirteen-year olds must have approval from the Novice Committee with the final approval from your Regional Director for a ½ Class.

CAPS is a committee put together to look at class restructuring. This was a committee organized at the 2010 QMA National Meeting. I imagine this committee has a lot of experience in the sport and have put much thought into these options.

Please review and compare so that we can discuss and vote at our club meeting on the January 9th and Rookies.

Anyone wishing to do membership at the meeting please arrive prior to 1:00 p.m.