

# **SHORT COURSE A-MODIFIED**

## **2016 Outdoor Season**

(Last Updated 3/24/16)

### **1. CHASSIS:**

- A. Any 1/10<sup>th</sup> Scale 2wd Short Course truck
- B. Chassis may be original manufacturers or after market Short Course kit (*No special designed off-set oval type chassis will be allowed*)
- C. Battery must be mounted down the center of the chassis
- D. Electronics must be mounted within the main chassis plate
- E. Motor may be mounted in mid or rear engine configuration
- F. A-arms must be equal length (Left to Right)
- G. A-arm Inner Suspension Mounts must be equal distance from the centerline of the chassis (no off-setting)
- H. Rear drive dogbones/half shafts and axles must be equal length
- I. Axle wheel spacers are allowed. Maximum width .250" per corner
- J. After market shocks & springs allowed
- K. Rear bumpers are required. A contact absorbing front bumper is also required. The nose of the body may cover the front bumper.
- L. Wheel base length 12.75"-13.5"
- M. Maximum Width 11"-11.75"

### **2. MOTOR:**

- A. Any 1/10 Scale 540 or 550 size motor (2 pole or 4 pole)
- B. The Traxxas Titan 12T Brushed Motor is approved
- C. The Traxxas Velineon Brushless 3500kv Motor is approved

### **3. ESC (Electronic Speed Control):**

- A. Any 1/10 Scale ESC (No 1/8 Scale Systems)
- B. The Traxxas XL5 Brushed Speed Control is approved for use with the Traxxas Titan 12Turn motor
- C. The Traxxas Velineon Brushless Speed Control is approved for use with the Velineon 3500kv Brushless motor

#### **4. BATTERY:**

- A. Any 2 Cell LiPO Battery (**HARD CASE ONLY!!**)

#### **5. TIRES / WHEELS / INSERTS:**

- A. AKA13017 SC Impact with AKA 33017 Red SC Insert
- B. DTXC3797 Duratrax Bandito SC (C2 Compound)
- C. DTXC3798 Duratrax Bandito SC (C3 Compound)
- D. TRA5871 Slash Kit Tire Standard Compound
- E. TRA6870 Kumho Standard Compound
- F. TRA6871 BFGoodrich Standard Compound  
*(Note: Traxxas S1 soft compound tires are not legal)*
- G. Extra grooving, splicing, or siping of the tires is not permitted
- H. Only Short Course 3.0"x 2.2" wheels are allowed

#### **6. RADIO SYSTEM:**

- A. Driving enhancement devices such as a Gyro are not legal.
- B. Radio systems that come equipped with a Stability Management feature must be in disabled mode

#### **7. BODY:**

- A. Must be made of Lexan and resemble a UMP, IMCA, or USMTS Open Wheel Modified.
- B. All lexan body parts should be rounded off to eliminate sharp edges
- C. Body must cover the rear wheels as viewed from overhead
- D. Wheel wells must be fully open showing the sidewall of the tire
- E. Front Wheels must remain open

- F. Rear spoiler allowed, maximum length 1.5" off the deck lid in any direction. Spoiler must not exceed the width of the body
- G. End caps allowed, a center support brace is allowed but must be the same size and shape as the end caps
- H. End caps must be angled and resemble those of a full-scale modified. End cap maximum height is 1.5" and maximum length is 3"
- I. Max body dimensions: width 13", height 8"
- J. Max overall length of body including spoiler 26 1/2"
- K. Bodies should be attractively painted and must have numbers on the doors and roof.
- L. All windows must be clear or cut out. Faux window decals are also allowed.

\*\*Track management reserves the right to change or modify rules at any time. \*\*

\*\*ROAR Approved Motor and ESC list is available at [www.roarracing.org](http://www.roarracing.org)\*\*