

Midwest Indoor champs @ Genesis RC Raceway Onroad Rules Package

1/12th Stock: 8min qual/8min main

17.5 Brushless Motor, foam tire, Single cell Lipo, Non Timing Speedo, blinky mode allowed, 730 grams minimum weight, ride height 3mm

1/12th Super Stock: 8min qual/8min main

13.5 Brushless Motor, foam tire, Single cell Lipo, Non Timing Speedo, blinky mode allowed, 730 grams minimum weight, ride height 3mm

1/12th Modified: 8min qual/8min main

Open motor, foam tire, Single cell Lipo, 730 grams minimum weight, ride height 3mm

US Vintage Trams Am (also read below) : 5min qual/8min main

Non-Timing speedo, Blinky mode allowed, two cell lipo, USVTA motor rules apply, 1550 grams minimum weight, plastic figurine not needed, ride height 5mm

Vintage Trams Am MMR Spec (also read below) : 5min qual/8min main

Non-Timing speedo, Blinky mode allowed, Single cell lipo, 17.5 Brushless motor, 1280 grams minimum weight, ride height 5mm

1/10th Stock Touring Car: 5min qual/5min main

Stock 17.5 Non-Timing Speedo, blinky mode allowed, 1375 grams minimum weight, 2 cell lips, ride height 5mm, spec tire TBD

1/10th Super Stock Touring Car: 5min qual/5min main

Stock 13.5 Non-Timing Speedo, blinky mode allowed, 1375 grams minimum weight, 2 cell lips, ride height 5mm, spec tire TBD

1/10th Modified Touring Car: 5min qual/5min main

1375 grams minimum weight, 2 cell lips, ride height 5mm, spec tire TBD

1/10th Scale USGT: 5min qual/8min main

Any 4wd touring car chassis, 21.5 motor, Non-Timing Speedo, blinky mode allowed, and 2s Lipo, 1450 grams minimum weight, ride height 5mm, spec tire TBD

Formula One: 5min qual/5min main

Any F1 car 190mm chassis, 21.5t motor, Non-Timing Speedo, blinky mode allowed, and 2s Lipo, 1050 grams minimum weight, ride height 4mm, spec tire TBD

World GT: 5min qual/5min main

1/10th pan car, 13.5 Motor, Non-Timing speedo, blinky mode allowed , single cell lipo, CRC Foam WGT tires, 930 grams minimum weight, ride height 4mm, spec tire TBD

PRO10: 5min qual/5min main

Solid axel 2wd 235mm Pan Chassis, 975 grams, 4mm ride height, 2 cell lipo, blinky esc, 13.5t brushless motor, Open tire, LMP style open body

Novice: 5min qual/5min main

Chassis is open. Driver may not race another class. If a driver is able to manage the course in a competitive manor and there chassis fits into existing class they may be moved there. Non-Timing speedo, Blinky mode allowed, ride height based on chassis

General/Other Onroad Class Rules:

1. 3 Cars makes a class
2. Qualify grid is set by random
3. Resort after every round
4. Rocket Round Qualifying for every class for mains
5. Roar Approved Speedo for all Classes
6. Max battery voltage for 1 cell should be no more than 4.22 volts & 2 cells may not exceed 8.44 volts.

MMR – Minnesota Only

VintageTrans-Am Club Spec Rules and Specifications

Body provided deck lid spoilers allowed (not wings). No additional skirts or raised/extended wings or air control surfaces allowed. Body must be trimmed at body trim lines. Full rear bumper required.

Tire & Wheel Specifications:

HPI tire part #4793 front and #4797 rear, stock tire inserts provided with tire and any HPI Vintage wheels designed to fit.

VTA rule note:

We will allow HPI front and rear tires Part number 102993 & 102994 until May of 2012. This is due to the current shortage of Vintage tires. Compound is the same just a slight pattern difference

26mm width fronts and 31mm width rear tires. 8-spoke Vintage wheels from #3805 through #3814, 5-spoke Vintage wheels from #3815 through #3822 and Vintage stock car wheels from #3854 through #3860 are all legal wheels.

Grinding of tire tread is NOT permitted.

Sanding of mold seam to remove seam is allowed.

Tires must have visible tread.

Chassis Specification:

Four Wheel Drive touring car chassis only. Tires must fit within the body.

Motor Specifications:

Option 1: 27-turn ROAR stock motor: ROAR motor rules apply for 27 turn.

Option 2: 17.5 brushless motor: ROAR Motor Rules for 17.5

Battery Specifications:

3-cell NiCd or NiMh batteries

1-cell LiPo hard cased

Ride Height Specification:
Minimum ride height is 5mm.
Weight Specification:
Minimum 1280g Lipo

Speedo Rules:

season begins and will be using a zero timing spec setup.
race Specification:
5 minute Qualifiers .
8 Minute Mains

Body List:

HPI part numbers:
17510 - 1970 Plymouth AAR 'Cuda
17519 - 1966 Ford Mustang GT
17508 - 1965 Ford Shelby GT-350
7494 - 1968 Chevrolet Camaro
17526- 1969 Chevrolet Corvette
17531- 1969 z28
17546- 1970 Mustang
Parma part numbers:
10143 - 1969 Z28 Camaro
10141 - 1970 Boss Mustang
10113 - 1970 'Cuda
Pegasus Hobbies part numbers:
PGH4001 - 1970 Camaro SS
PGH4002 - 1970 'Cuda
PGH4003 - 1970 Mustang
Protoform: 1526-00 J71

USVTA

Class specification's:Trans Am Class Rules and Specifications

<http://www.usvintagetransam.com/>

IMPORTANT CHANGES to USVTA @Genesis RC:

- Speedo: Any Roar approved blinky/nontiming speedo is allowed
- Driver: no driver necessary – YEAH!
- Battery: any size Mah battery is allowed

Body Specifications:

Late '60s to early '70s American pony car Vintage Trans-Am bodies only.

Bolink part numbers:

BL2262 '68 Chevrolet Camaro
Also known as RJ Speed Part # BOL2262

BL2263 '65 Ford Mustang

Also known as RJ Speed Part # BOL2263

HPI part numbers:

17510 - 1970 Plymouth AAR 'Cuda

7494 - 1968 Chevrolet Camaro

17531 - 1969 CHEVROLET CAMARO Z28

17508 - 1965 Ford Shelby GT-350

17519 - 1966 Ford Mustang GT

104926 - 1966 FORD MUSTANG GT COUPE BODY

For the HPI Mustangs which are not provided with a spoiler:

A lexan spoiler of 16mm total height from trunk deck, and overall chord of 20mm is allowable. All other bodies must use the spoiler included with that specific body set as intended. Built in spoilers may not be enhanced. 17546 - 1970 Ford Mustang Boss 302 (scale wing ok)

105106 - 1970 DODGE CHALLENGER BODY

Parma part numbers:

10143 - 1969 Z28 Camaro

10141 - 1970 Boss Mustang

10113 - 1970 'Cuda

Pegasus Hobbies part numbers:

PGH4001 - 1970 Camaro SS

PGH4002 - 1970 'Cuda

PGH4003 - 1970 Mustang

Protoform part numbers:

#1526 - J71

McAllister Racing part numbers:

#286- 1969 Mustang body

#295- 1970 Pontiac Firebird Trans Am VTA body- 1/10- 200mm

Body provided deck lid spoilers allowed (not wings). No additional skirts or raised/extended wings or air control surfaces allowed. Body must be trimmed at body trim lines. Front spoiler may be extended into body to provide durability. Full rear bumper required. It is highly preferred that bodies are detailed in race type livery in period-correct paint schemes. Fluorescent colors, wild graphics, chromes and non-period correct paint schemes are frowned upon. All cars must have a number on the hood, both doors and trunk lid. Wheel covers of any type are NOT allowed.

All cars must include a driver figure consisting of at least a head and shoulders.

Driver Figure part numbers (ANY suitable 1/10 driver figure is legal-these are readily available examples)

HPI

#104815 INNER BODY SET FOR DT-1 TRUCK BODY

Associated

6180 Driver, unpainted, 1:10

McAllister

#423 Stock Interior and Driver

#419 SPRINT CAR DRIVER

Tire & Wheel Specifications:

The only tires allowed are HPI tire part #4793 "front" and #4797 "rear", using stock tire inserts provided with tire and any HPI Vintage wheels designed to fit these tires. All other tires and/or part numbers are illegal. Wheels and tires designated as "front" must be used as front tires/wheels, "rear" wheels/tires must be used as rears. Five or Eight spoke wheels available in various colors. 0mm offset front wheels and 6mm offset rear wheels are intended for 26mm width fronts and 31mm width rear tires. 8-spoke Vintage wheels from #3805 through #3814, 5-spoke Vintage wheels from #3815 through #3822 and Vintage stock car wheels from #3854 through #3860, Vintage Wheel CC Type #33472 and #33473, Vintage Wheel DTP Type #33474 and #33475 are all legal wheels.

Grinding of tire tread is NOT permitted. Sanding of mold seam to remove seam is allowed. HPI Vintage Slicks and HPI Vintage Performance Tires are not allowed. Tire traction compounds are at the discretion of the track. No other altering, changing or softening of the tire is allowed. Tires may not be belted or changed to prevent "ballooning". All decisions of the race promoter or track owner are final. No "double stuffing" of foam inserts allowed—only single stock vintage tire inserts are allowed.

Chassis Specification:

Four Wheel Drive touring car chassis only. Any era or brand 4wd chassis is allowed. An Excel spreadsheet gear ratio and final drive ratio calculator for most touring car chassis is available here.

Motor Specifications:

25.5 brushless with 2C LiPo: Novak SS25.5 Pro brushless motor (pn:3425V) Ballistic 25.5 (pn:3625V-stator only pn:S6625) Club (pn:3331) or Boss (pn:3626V) ONLY combined with any hard-cased 2C 7.4v LiPo pack up to and including 5000 mAh capacity. Novak motors are the ONLY motor allowed at this time. All house track rules regarding LiPo usage apply. Only physical motor timing advance is allowed, however Ballistic motors must not be advanced beyond the last line of the timing range sticker. 12.3 mm rotor diameter only (no "tuning" rotors are allowed, only stock Novak rotors allowed). Using ceramic bearings in the motor makes you a dork. No modifications or optional parts allowed on motor can, endbell, stator, or rotor, other than the Boss #5925 Ballistic 540 Vented Endbell/Bearing Racing Upgrade Kit (replacement) . No cooling holes or other changes allowed to motor. Fans and external clip on heatsinks are allowed, but integral type heatsinks/fans including but not limited to those that require motor disassembly to mount are illegal.

All decisions of the race promoter or track owner are final.

Approved ESCs:

Novak-

Club Brushless ESC (#1852)

EDGE 2S Brushless ESC (#1850, 1851)

Mongoose Micro Brushless/Brush ESC (#1718)

GTB 2 Racing w/X-Drive (#1749)

GTB 2 Racing w/X-Drive- Low Profile (#1748)

GTB 2 Sportsman Racing Brushless ESC (#1708, 1709)

GTB series part numbers:1710, 1711

Havoc series part numbers:1732, 1733, 1735

Slyder part number: 1712

XBR (DISCONTINUED) part number:1720

LRP

A.i. Brushless Reverse part numbers: LRP80100, LRP80150

SPEED PASSION

Cirtix Stock Club Race ESC part number: 12280

Reventon Stock Club Race part number:SP000048

HOBBYWING

JUSTOCK Club ESC (same esc, but differing part numbers)-

Falcon Sekido Part #

Hobbywing Justock Black: 81020001 (Black)

Hobbywing Justock blue 81020000 (Blue)

CRC Part #

7014 - Hobbywing XERUN Juststock Club No timing ESC - Sensored

Battery Specifications:

Battery Specifications: 2 cell LiPo hard cased, 5000 mAh limit

Ride Height Specification:

Minimum ride height is 5mm.

Weight Specification:

Minimum 1550g in race-ready trim

Race Specification:

- 5 minute qualifiers

- 8 minute mains

- Absolutely NO IFMAR-type starts. All heats and mains should be straight-up starts, with random sorts for each heat. Non random sorts should shuffle starting order for each heat.

Optional Main Variations:

- 12-20 car A-mains, depending on car counts.

- Invert qualifying order based on random hat pull (top 6-10 cars).

- "LeMans" type starts where all cars are lined up on an angle to the racing line in order.

- Run track in reverse rotation for mains.

- Rolling starts

MOST IMPORTANTLY: If it's not in the rules, and does not encompass the spirit of slower, controlled racing with realistic looking cars, consider it illegal. This is called the "Spirit of VTA" Rule. The class is based on slower, equal playing field competition with less traction, minimal aerodynamic aids and mostly older carpet racing technology. The final objective is close, fair, wheel-to-wheel racing for all.

All decisions of the race promoter or track owner are final.