

2022 SMS RULES

The following rules are referring to race procedures and formats.

- Turn marshals will not work on or repair cars during a race. Minor issues like popping on a ball cup for a steering link or pulling out a body are okay.
- If a pit lane is available cars must enter and exit the racing surface via the pit lane at all times.
- Any cars damaged and placed in the infield will remain there and the driver will remain on the driver's stand until that race is over.
- All drivers must turn marshal the race immediately following their race.
- All cars will be made available for tech inspection before and after race if required by the race director.
- Once a car has gone through pre-race tech it must go directly to track and not back to the pit area.
- All racers must have a transponder in their car. Show Me State series will utilize MyLaps timing system (both 2 and 3 wire work) except for races at Triple H RC Raceway. Triple H RC Raceway uses the Trackmate transponder. Transponders will be available for rent or can be purchased at Triple H RC Raceway the day of the event.
- Season points will be based on a 2-point tier system. (1st - 100; 2nd - 98; 3rd - 96.....) with one (1) drop of the individual's lowest result at the end of the season. If five races or less are run due to weather, there will be no drop. Bonus points will be awarded to individuals based on the following:

Winners of lower mains will receive bonus points as follows:

B Main Winner: 1 point	B Main Runner Up: 2 points
C Main Winner: 1 point	C Main Runner Up: 2 points
D Main Winner: 1 point	D Main Runner Up: 2 points

- Individuals who attend a SMS race will receive a bonus (1) point for each event.
- All qualifiers/Mains will be heads up racing. Seating round, 2 rounds of heads-up heat races and then mains.
- Seeding round will be 90 seconds. Seeding rounds will have a max of 4 cars per heat. Seeding round will be used as the tie breaker for points.

-25 laps for heats. Heat races will have min of 5 cars per round. 2nd round will be re-sorted based on points then tie breaker from seeding then inverted.

-Mains will be 45 laps. Mains will be determined by points with seeding round as the tie breaker. Mains will have 8 cars with lower main bump-up of 2 cars. Lower mains will be 30 laps each.

The SMS Director will have ultimate authority over rules enforcement. The primary basis for any rule’s decision must be based on what will be best for the majority of racers.

Entry fee each race is \$20 per car with cash payouts for the top 3 at each event based on the number of entries for that class. See Chart below for payout based on the number of entries for that class:

# Entries	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1st	\$0	\$0	\$0	\$0	\$18	\$21	\$25	\$28	\$32	\$35	\$39	\$42	\$46	\$49	\$53	\$56	\$60	\$63	\$67	\$70	\$74	\$77	\$81	\$84	\$88
2nd	\$0	\$0	\$0	\$0	\$11	\$13	\$15	\$17	\$19	\$21	\$23	\$25	\$27	\$29	\$32	\$34	\$36	\$38	\$40	\$42	\$44	\$46	\$48	\$50	\$53
3rd	\$0	\$0	\$0	\$0	\$7	\$8	\$10	\$11	\$13	\$14	\$15	\$17	\$18	\$20	\$21	\$22	\$24	\$25	\$27	\$28	\$29	\$31	\$32	\$34	\$35

# Entries	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1st	\$91	\$95	\$98	\$102	\$105	\$109	\$112	\$116	\$119	\$123	\$126	\$130	\$133	\$137	\$140	\$144	\$147	\$151	\$154	\$158	\$161	\$165	\$168	\$172	\$175
2nd	\$55	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$74	\$76	\$78	\$80	\$82	\$84	\$86	\$88	\$90	\$92	\$95	\$97	\$99	\$101	\$103	\$105
3rd	\$36	\$38	\$39	\$41	\$42	\$43	\$45	\$46	\$48	\$49	\$50	\$52	\$53	\$55	\$56	\$57	\$59	\$60	\$62	\$63	\$64	\$66	\$67	\$69	\$70

CLASSES:

SC MODIFIED:

Must be a SC Based Chassis

Carbon fiber chassis allowed. Must meet the following specs.

All suspension components, transmission, front and rear bulkheads must be on center line of the vehicle.

All larger volume OEM Chassis are legal such as: AE, TLR, Traxxas.....

Aftermarket or specifically built chassis and kits must conform to the following specifications.

Maximum Chassis width 7”

Minimum Chassis width 5 1/8"

Maximum left side of chassis can be from centerline is 3 1/2"

Right side must be a minimum of 2.25" from centerline to outside edge of chassis.

Cages: Must represent a cage, no solid plastic cages, must be cut the same on both sides.

Minimum wheelbase 12.5"

Maximum wheelbase 13.5"

Shock bodies min length 1"

Front Track width Min 11.42"

Front track width Max 11.65"

Front Suspension arms must be equal size left and right

Rear Suspension arms must be equal size left and right

Adjustable Rear Suspension arms are allowed.

MOTORS: MODIFIED MOTOR

BATTERY: 2 Cell HARD CASE Lipos or LHiV only max voltage 8.44.

Battery must be mounted on the centerline of the vehicle. Can be either designed front to back or

sideways across the chassis but center of battery must be on centerline of chassis.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

TIRES: Open

SC BODY RULES:

BODY LENGTH, WIDTH, AND HEIGHT:

13" max body width

28" max length (bumper to spoiler)

7.5" max body height measured from bottom of chassis

CENTER DECK:

1" max deck rake.

1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

SPOILER:

1.5" max spoiler height

Spoiler end plate max 2" high off center deck and 3.25" long

ROOF:

0.5" max roof rake measured from deck

Maximum Roof width 9"

Maximum Roof length 9"

No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength

Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.

1/4" bend down at the leading edge of the roof allowed.

ROLL CAGE/ROOF SUPPORTS:

Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports.

Window netting and rock guards are allowed.

NOSE:

Nose sides can extend a max of 1/4" above the plane of the nose panel

Nose sides can extend a max of 1/4" above the plane of the hood panel

Nose cannot extend past the inner edges of the front wheels

Main nose panel must be a flat plane. No concave or scooped noses allowed.

Rear wheel wells must be cut out to expose most of the rear wheel

Left and right windows and sails can be open as long as both sides are the same.

SC B MODIFIED:

THIS CLASS IS INTENDED FOR BEGINNER TO INTERMEDIATE DRIVERS.

NO SPONSORED RACERS IN THIS CLASS: "SPONSORED" MEANS YOU RECEIVED ANY DISCOUNT OR HELP FROM ANY COMPANIES, CHASSIS, BODIES, ELECTRONICS, TIRES....."

CHASSIS

ALLOWED:

Team Associated SC10, SC10.2 SC5M, SC6.1. Team Losi Racing XXXT, 22SCT, Traxxas Slash or LCG SLASH

and HPI Blitz. Yes I do know there are many other manufacturers out there, but the kits we have listed

you can find very inexpensive as used trucks and make for the perfect way to join this class.

Only options allowed are optional parts produced by the original manufacturer and designed and used for intended purpose. You cannot modify the chassis to fit batteries or electronics other than originally designed by manufacturers. No adjustable rear arms or lowered shock towers ect.

SHOCKS:

Original or OEM Brand manufactured Option shocks allowed but must be used in its originally intended configuration. IE- no front shocks on the rear. Limiting of the shocks with internal limiters is OK.

SPRINGS:

They can be from any manufacturer in the RC industry not only OEM.

SC BODY RULES:

BODY LENGTH, WIDTH, AND HEIGHT:

13" max body width

28" max length (bumper to spoiler)

7.5" max body height measured from bottom of chassis

CENTER DECK:

1" max deck rake.

1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

SPOILER:

1.5" max spoiler height

Spoiler end plate max 2" high off center deck and 3.25" long

ROOF:

0.5" max roof rake measured from deck

Maximum Roof width 9"

Maximum Roof length 9"

No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength

Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.

1/4" bend down at the leading edge of the roof allowed.

ROLL CAGE/ROOF SUPPORTS:

Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports.

Window netting and rock guards are allowed.

NOSE:

Nose sides can extend a max of 1/4" above the plane of the nose panel

Nose sides can extend a max of 1/4" above the plane of the hood panel

Nose cannot extend past the inner edges of the front wheels

Main nose panel must be a flat plane. No concave or scooped noses allowed.

Rear wheel wells must be cut out to expose most of the rear wheel

Left and right windows and sails can be open as long as both sides are the same.

MOTOR: MODIFIED MOTOR

TIRES: Open

BATTERY: 2 Cell HARD CASE Lipos or LHiV 8.44 max voltage.

Battery Location: Must be run in the original designed configuration.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED IN ANY CLASSES.

Participation: This class is intended for the average racer and to welcome new racers and Kids to the event.

NO SPONSORED RACERS ALLOWED IN THIS CLASS. If you have to ask if you are sponsored and allowed to race this class, then you already know the answer. You are more than welcome to run SC Modified.

MIDWEST MODIFIED:

DODC RULES APPLY: [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

BATTERY: 2 Cell HARD CASE Lipos or LHIV 8.44 max voltage.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

MOTOR: Open

ESC: Open

TIRES: Open

MIDWEST BODY RULES

[CLICK HERE FOR MIDWEST MODIFIED BODY RULES](#)

OPEN LATE MODEL:

DODC RULES APPLY- [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

BATTERY: 2 Cell HARD CASE Lipos or LHiV. Max 8.44 volts.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

MOTOR: Open

ESC: Open

TIRES: Open

CLICK HERE FOR LATE MODEL BODY RULES

410 SPRINT:

DODC RULES APPLY- [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

BATTERY: 2 Cell HARD CASE Lipos or LHiV 8.44 max voltage.

MOTOR: DODC Modified Motor Rules Apply

ESC: Open

NO GYRO OR DRIVING DEVICE ALLOWED IN ANY CLASS.

TIRES: Open

OUTLAW SPRINT BODY RULES

[CLICK HERE FOR OUTLAW SPRINT BODY RULES](#)

STREET STOCK

CHASSIS RULES: Any 1/10th scale buggy or OEM manufactured street stock chassis.

Approved manufacturers are Team Associated, Losi, Traxxas, Kyosho, Durango, Team C, Xray, Yokomo, Hobao H2.

Chassis must remain stock, no aftermarket/non-OEM upgrades except RPM Brand parts designed for the chassis.

OEM Option parts sold by these companies designed for their cars are allowed.

Big Bore and threaded OEM Shocks are allowed.

SPRINGS: They can be from any manufacturer in the RC Industry not only OEM.

Rear wheel drive only.

Mid or rear motor allowed.

Adjustable rear A-Arms are NOT allowed.

TIRES: Open

MOTOR: Any 13.5T or smaller motor.

ESC: Open (Blinky mode; must visibly show a blink).

BATTERY: 2 Cell HARD CASE Lipos or LHiV battery. 8.44 max voltage.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

Body:

Must be closed windowed.

Max 1" Spoiler measured from the deck. No End caps allowed.

Body must include rear bumper. Bumper must be a minimum of 2.5 inches below the deck.