



INDIVIDUAL CLASS RULES SHEET:

Quarter Scale

MidWest Series rules based on the existing rules for Celina Ohio Quarter-Scale RC Drag Racing club.

GENERAL RULES:

Exhaust System: Mufflers or tune pipes permitted. Any configuration as long as it stays within the width length of the car.

Fuel System: Fuel system and other components must be secure and away from heat/ moving parts. Pump gas or race fuel permitted.

Clutch: All cars in competition must use a centrifugal clutch.

Brakes: All cars must show stopping ability and may be tested at any given time.

Clearance: Suggested to have a minimum of 1" ground clearance at the lowest point. This is to include the body. This will not be checked. If your car triggers a red light on the starting line it will be treated as a foul.

Carburetor: Only one carburetor per cylinder. Velocity stacks are permitted. Throttle return-spring must be utilized to force throttle closed.

Air Filter: Not mandatory, but if used any make of filter may be used.

Engines: All engines must be a weed eater, chain saw, and lawn blower origin. Other acceptable motors include any engine that is designed for the hobby industry.

Wheelie bars are permitted.

Ignition: Must be spark plug type ignition. (No Glow engines)

Bodies: Bodies must be painted. Windows may be clear, darkened, tinted, or reflective, but must be differentiated from the main body color.

Radio: Must be FCC approved and on an approved ground frequency. All radios must have a Fail Safe function. Receiver and batteries: Must be securely mounted.

Kill Switch: Mandatory. Must be clearly marked and easily accessible under all situations.

Staging: Drivers must be able to stage without assistance. Once both cars are staged any red lights will be treated as a foul. Bodies that are low and trigger the lights will be treated as a foul start.

PRO-STOCK

- Modifications to engines are permitted
- Carburetors may be altered.
- Must be a full-bodied car or truck Must resemble stock with design liberties by the manufacture. Must have a Pro-Stock scoop or injector scoop permanently mounted to the hood. Trucks may use a cowl.
- Wheel base: 24 to 26"
- Rear spoiler mandatory. Any size rear spoiler will be permitted. (Must be true scale). Spoiler may be molded into the deck lid. Spoilers are to be no wider than widest point of the rear car deck lid/truck bed.
- No minimum weight of car:
- Tires of any compound permitted. Must fit within the body. Max 4" wide.

FUNNY CAR

- Engine modifications permitted
- Carburetor may be altered and does not have to be from the original manufacture
- Bodies must be of Funny Car origin.
- Wheel base is: 25 to 31".
- Rear spoilers optional, Not to be more than 1" above the roofline. May not be molded into the deck lid. or be wider than the widest point of the rear deck lid.
- Front and rear suspension optional.
- No minimum weight of car.
- Tires of any compound are permitted , Must fit within the body. Maximum 4" wide, Minimum of 7" tall, Maximum of 9" tall

TOP FUEL

- Engine modification is permitted.
- Carburetor may be altered and does not have to be from original mfg. •
- Must resemble a Top-Fuel Dragster.
- Wheel base: 45" to 75"
- Rear wing mandatory
- Front and rear suspension optional.
- No minimum weight.
- Tires of any compound permitted. Maximum of 5" wide, Minimum of 7" tall, Maximum of 10" tall

How do I set a Midwest RC Drag Racing Series Record?

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- 1.) Each car must be inspected to ensure compliance with the specifications for the class in which it enters.
- 2.) **Each record run must have a back-up performance within 1% of the record mark during the same event.** If two runs by the same competitor exceed the existing record mark, but are not within 1% of each other, the lower elapsed time may serve as the back-up for the higher one which will stand as the new series record. Speed (MPH) records must also have a back up within 1% of the record.
- 3.) The contestant is responsible for notifying the race Director that the vehicle may have set a Series Record. The contestant must immediately have the catch person return vehicle DIRECTLY to the Race Director for technical inspection following the run. Midwest RC Drag Racing Series makes every attempt to track current records but the final responsibility is with the racer.
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INDIVIDUAL CLASS RULES SHEET:

Mid Scales

1:6 • 1:7 • 1:8

Flat Pan Chassis Class

- Motors .21 up to .32
- Body: Must have a Street car--Sedan Style body
- Hood Scoops--Blowers Accepted...Rear Wing accepted
- No Indy car or CanAm Bodys allowed.

Tube Chassis Class

- Motors .27 up to .46
- Chassis Must have a Min of 50% Tube chassis (New Era--- Nitro Rage RC}
- Weight Min 4lbs
- Rear Tire Min 3 3/4" tall
- Wheel Base Min: Door Car and Altered 12" WB...Funny car 16" WB....Dragster 30"WB

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INDIVIDUAL CLASS RULES SHEET:

Funny Cars



Any body designed and/or marketed as a 1:10 scale funny car body allowed. Tires and other components (except wheelie bars and radio antenna) must be fully inside by the body. Wheel wells must be cut out.

Rear spoilers are allowed with no size limit and may be attached to the rear trunk area. No elevated detached wings allowed.

Wheel-Driven only, no rockets or Jets • 14" maximum wheelbase • 44 oz. minimum weight

Electric Rules:

Motor must be equipped with a quick disconnecting motor power device (rip cord) that is clearly marked and accessible from outside the body.

10 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit

Nitro Rules:

Up to .28 cubic inch engine Any Internal Mods Allowed

Must have operating throttle return spring, constructed of steel.

Exhaust must deflect 90 degrees or upwards

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INDIVIDUAL CLASS RULES SHEET:

Street Classes



SPORTSMAN STREET and PRO STREET

Designed for the FOUR WHEEL DRIVE electric or nitro Sedan-style racers. Any street/sedan/touring body up to 200 mm wide allowed. Tires and other components (except radio antenna) must be fully inside by the body. Wheel wells must be cut out.

All cars Must be Four-Wheel Drive, Wheel-Driven only, no rockets or Jets • 11" maximum wheelbase • 48 oz. minimum weight for both Sportsman Street and Pro Street

- **Sportsman Street** class cars run whatever wings or spoilers are included in the original body packaging (kit or bag) only. No additional wings, spoilers or scoops allowed.

- Rear wings and spoilers are allowed in **Pro Street** only with no size limit and may be attached to the rear trunk area. **Pro Street** cars should also have a full-size hood scoop.

Electric Rules:

Motor must be equipped with a quick disconnecting motor power device (rip cord) that is clearly marked and accessible from outside the body.

7 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit for **SPORTSMAN STREET**

10 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit for **Electric PRO STREET**

Nitro Rules:

Up to .18 cubic inch engine Any Internal Mods Allowed for Nitro **SPORTSMAN STREET**

Up to .21 cubic inch engine Any Internal Mods Allowed for Nitro **PRO STREET**

Must have operating throttle return spring, constructed of steel.

Exhaust must deflect 90 degrees or upwards

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INDIVIDUAL CLASS RULES SHEET:

Pro Stocks



Any body designed and/or marketed as a 1:10 scale ProStock body with molded in hood scoop allowed. Tires and other components (except wheelie bars and radio antenna) must be fully inside by the body. Wheel wells must be cut out.

Rear spoilers are allowed with no size limit and may be attached to the rear trunk area. No elevated detached wings allowed.

Wheel-Driven only, no rockets or Jets • 11" maximum wheelbase • 38 oz. minimum weight

Electric Rules:

Motor must be equipped with a quick disconnecting motor power device (rip cord) that is clearly marked and accessible from outside the body.

6 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit

Nitro Rules:

Up to .18 cubic inch engine Any Internal Mods Allowed

Must have operating throttle return spring, constructed of steel.

Exhaust must deflect 90 degrees or upwards

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INDIVIDUAL CLASS RULES SHEET:

Pro Mods



PRO MOD and OUTLAW PRO MOD

Any body designed and/or marketed as a 1:10 scale ProMod body allowed. Scratchbuilt or modified RC truck or onroad/oval bodies will be allowed only with the Race Directors prior approval. Tires and other components (except wheelie bars and radio antenna) must be fully inside by the body. Wheel wells must be cut out.

Rear spoilers are allowed with no size limit and may be attached to the rear trunk area. Elevated detached wings only allowed if there is no other spoiler on the rear of the car.

Wheel-Driven only, no rockets or Jets • 12" maximum wheelbase • 42 oz. minimum weight both classes.

Electric Rules:

Motor must be equipped with a quick disconnecting motor power device (rip cord) that is clearly marked and accessible from outside the body.

- **Pro Mods** use 8 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit

- **Outlaw Pro Mods** use 10 cell battery maximum - NiCd or NiMH Cells only - No MAH Limit

Nitro ProMod Rules:

Up to .18 cubic inch engine Any Internal Mods Allowed in **Pro Mod**

Up to .21 cubic inch engine Any Internal Mods Allowed in **Outlaw Pro Mod**

Must have operating throttle return spring, constructed of steel.

Exhaust must deflect 90 degrees or upwards

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INDIVIDUAL CLASS RULES SHEET:

Dragsters



Any body designed and/or marketed as a 1:10 scale dragster body allowed. Scratchbuilt bodies will be allowed only with the Race Directors prior approval. Dragsters should have an opaque "sharkfin" on the nose to provide a positive light beam break for the timing system.

Wheel-Driven only, no rockets or Jets • 30" maximum wheelbase • 46 oz. minimum weight

Electric Rules:

Motor must be equipped with a quick disconnecting motor power device (rip cord) that is clearly marked and accessible from outside the body.

12 cell battery maximum - NiCd or NiMH Cells - No MAH Limit

Lipo/LiMn powered Dragsters will run in their own Unlimited class, no weight restrictions.

Nitro Rules:

Up to .28 cubic inch engine Any Internal Mods Allowed

Must have operating throttle return spring, constructed of steel.

Exhaust must deflect 90 degrees or upwards

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