



Fastest piece of Real Estate in Tennessee Rules amended 2/19/18

RULE BOOK DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all

events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

The management of Highland Rim Speedway

2018 Pro Truck / Pro Mod Rules

Windshield DIVISION Sponsor area. Please reserve the top of your Windshield area (Approx 6" x 48") on ALL cars in all divisions for Highland Rim Speedway division sponsors Decals. Division sponsors are impossible without you the racer running their decals. We appreciate your support of your division. All cars not displaying the division sponsors window decal will result in a **25% Reduction** in all monies earned and exclude you from any year end Championship money that may be available.

HRS Officials retain the right to determine eligibility.

NOTICE: All equipment is subject to the approval of HRS officials. No equipment will be considered as having been approved by reason of having passed through the inspection process unobserved. Any equipment which does not conform to specifications or tolerances contained in this rulebook or in the appropriate Manuals, will not be eligible for approval. HRS reserves the right to add to the total weight and /or adjust left side weight when deemed necessary for equal competition purposes.

NOTE: All cars must comply with the rules set forth by the Highland Rim Speedway rule book and reference manuals used in the inspection process. All cars and car parts are subject to HRS technical inspection processes. HRS is not required to follow any other sanctioning bodies or manufacturers guide lines in its inspection process.

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1.0 Tech Director has the final say on severity of all penalties and infractions

Section 1: Safety Equipment: Rules apply at all times car is on track.

1.1.1 Snell rated SA2000, SA2005, SA2010, or SA2015 helmet required. Roll bar padding required in driver compartment. **Recommended:** Fire Retardant padding. SFI-approved full fire suit required. Fire Retardant gloves, and neck brace (or head and neck restraint) required. **Recommended:** Fire Retardant head sock and underwear. **Recommended:** Fire retardant shoes. On board fire extinguishing systems are highly recommended.

Driver's side window net required, minimum 16 inch x 20 inch ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window. Minimum three inch (two inch with head restraint system) wide SFI-approved four point system required must be mounted securely to main roll cage. **Recommended:** Five point safety belt assembly required. **Recommended:** Safety belts no more than two years old. Kill switch required within easy reach of driver and must be clearly marked 'OFF and ON'

1.2 **Racing Seat.** Aluminum High Back seats only, must be bolted in with .0375 inch bolts.

1.9 **Fuel Cells.** Fuel Cell Mandatory. Maximum size 22 gallon. Must be mounted in a 20 gauge steel fuel cell container in a safe and approved manner meaning securely strapped by placing two (2) straps longwise and two (2) straps crosswise around steel container that fuel cell is in and bolting straps to trunk floor. Straps minimum 1/8 x 1 inch thickness in width. Must be mounted in the center. Must

have a fuel cell guard bar made from 1 3/4" .083 min. and be 1" lower than the fuel cell container. All cells must have a rollover valve.

- 1.10 **Fuel Cell Container.** Fuel cell must be in steel fuel cell container surrounded by a 1" x 1" .065 wall thickness steel tubing frame. Fuel cells must have working rollover valve.
- 1.11 **Fuel Cell Bar.** 1" .083 fuel cell bar must be installed behind fuel cell and must be 1" lower than fuel cell container.
- 1.12 **Fuel Cell Height.** Bottom of fuel cell 20 gage steel container must be a minimum of 8" off ground. Recommended fuel cell height 10".
- 1.13 **Fuel.** Must Run Highland Rim Fuel.
- 1.14 **Fuel Additives.** No fuel additives permitted.
- 1.15 **Fuel Line.** Fuel line may be run under car, but must be higher than lowest point of the frame and securely attached. Fuel line may be run through car from fuel cell, but must be inside a one piece steel pipe and pipe must extend a minimum of 1" out from front and rear firewalls.
- 1.16 **Drive Shaft Loops.** Drive shaft loops required. 2 drive shaft safety loops made of flat steel, 1/4" x 2" minimum size) required. Drive shaft loops should be mounted 12" from each end of the drive shaft to prevent drive shaft from falling onto track in case of u-joint failure; and may help prevent drive shaft from coming through floorboard in case of failure. Drive shaft scatter shields made from minimum 1/8 Aluminum.
- 1.17 **White Drive Shafts.** All drive shafts must be painted white.
- 1.18 **Quick Release Steering Wheel.** Aftermarket quick release steering wheel hubs legal. Must be pin less type.

Section 2: Bodies & Interiors

- 2.1 **Identification.** All vehicles in this division must park in designated area and each car must have **PRO** in 4" tall in BOLD white letters on top passenger side windshield area. Engine size, total weight and left side percentages must be in 1" letters on the windshield.
- 2.2 **Wheelbase.** 96" to 104".
- 2.3 **Bodies.** P-4 Truck and P-4 Car Bodies Legal. Body must be stock appearing. May not interchange truck and car body parts.
- 2.4 **Plastic Noses & Rear Bumper Covers.** Plastic noses & rear bumper covers legal. Must use rear bumper cover or enclose rear of vehicle.
- 2.5 **Firewalls, floor pans and all interior panels for both car and trucks can be either stock sheet metal or fabricated sheet metal welded or riveted in place. Interior must be sealed, All holes must be cover with sheet metal.**
- 2.6 **Stock Body Windows.** On stock bodies you must remove all Factory glass and interior.
- 2.7 **Windshield.** 1/8" Lexan /Polycarbonate front windshield mandatory. No Plexiglas.
- 2.7a **Window Braces.** 3 Window braces are highly recommended to support front windshield.
- 2.8 **Mirrors.** Wink mirrors and wide angle mirrors legal. Left and Right side mirrors legal.
- 2.9 **Steering Column.** May run stock Steering column or replace it with a 2 pc steel 3/4" DOM steel shaft using Universal joint near the middle of the shaft. At least 1 Universal joint **MUST** be used in the center of the steering shaft area. Must be approved by Competition Director.
- 2.10 **Hoods and Bed Covers.** Hoods and bed covers must be held shut with quick release hairpin or lynch pin type fasteners to secure panel. Truck bed covers may be aluminum and at least one section must be removable or hinged for easy access to fuel cell area and visual under truck inspection.
- 2.11 **Fiberglass and Scooped Hoods.** Fiberglass Hoods permitted. May run a Scooped Hood for added air breather clearance.
- 2.12 **Hood Pins.** Must have a minimum of 3 hood pins in front of hood and 1 on each side of the rear of hood.

- 2.13 **Appearance.** All cars must be painted and lettered.
- 2.14 **Muffler.** The area around muffler must be boxed in using 22 gauge steel.
- 2.15 **Side Skirts.** Side skirts permitted. Minimum ground height 3" for nose and skirt height.
- 2.16 **Spoiler.** Maximum 6" spoiler height x 60" width. Spoiler can be any angle.
- 2.17 **Interchanging Body and Engine.** Body make does not have to match engine make.
- 2.18 **Interior Seal.** Front and rear firewalls and rocker panel areas must be sealed with metal out to body panels. No open holes in fire wall. Holes must be covered with metal.

Section 3: Roll Bars

- 3.1 **Roll Cage.** Full roll cage with minimum 3 door bars in driver's side 2 in passenger side with diagonal bar behind the driver. All roll cage tubing must be 1 ½" OD .090 wall thickness. Gussets required in all left door bars. Front and rear. Plating of outside of driver's side door bars with 1/8" or thicker plate steel is highly recommended.
- 3.2 **Roll Cage.** May run bars from main roll cage out and around in front of the radiator. Support bars from frame up to hoop bars are legal. 1 ½" x .090 minimum wall thickness for roll bar tubing. Can run roll bars from top of main hoop to the back edge of frame by fuel cell along with additional bars to protect fuel cell and rear clip. All Cages should be installed by a certified welder.
- 3.3 **Cross Bar.** Must also have a cross bar behind the driver.
- 3.4 **Driver's Area Bars.** Additional bars may be added in driver's area (leg, head and side bars but must be have roll bar padding on any bar around driver's body)
- 3.5 **Door Bars.** Minimum of four horizontal door bars on the right and left side of car.
- 3.6 **Window Opening.** Must be ample size for driver to easily enter and exit the vehicle or for safety personnel to enter the vehicle.
- 3.7 **Fuel Cell Bar.** Rear fuel cell bar /protection hoop mandatory.
- 3.8 **Gusset Plates.** Gusset plates at butt welds in driver's compartment required.

Section 4: Battery

- 4.1 **Battery Mount.** Battery must be securely mounted in a secure place. If inside the truck, it must be securely mounted in place and in an approved sealed & vented container vented to the outside of the car with a hose. Must be approved by Competition Director. 12 volt system only.
- 4.2 **Master Switch.** Must have working emergency cut-off master switch within reach of driver & officials.
- 4.3 **Alternator.** The alternator system, when used, must be mounted to front of the engine in the standard location and must not exceed 14.9 volt single wire system.

Section 5: Communications

- 5.1 **Radios.** Radios are permitted in this division.

Section 6: Cooling Systems

- 6.1 **Radiators.** Any metal stock production or racing radiators permitted in stock location.
- 6.2 **Radiator Fan Shroud.** Fan must have a 180-degree shroud. Covering the top 50% of the fan.
- 6.3 **Radiator Overflow.** Mandatory and operational radiator overflow metal catch can and exit tube installed ahead of firewall.
- 6.4 **Electric Fans.** Electric fans permitted.
- 6.5 **Antifreeze.** No antifreeze permitted at any time, \$100.00 fine.

Section 7: Frames

7.1 **Tube Chassis.** Tube chassis are permitted. Frame rail must be a minimum of 2x2 box tubing .095 wall.

Section 8: Suspension & Ground Clearance

8.1 **Rear Springs.** Rear springs may be changed from leaf to coil type.

8.2 **Chassis Types & Hubs.** May run any chassis. **No Wide 5 hubs.**

8.3 **Racing Springs.** May run racing springs

8.4 **Fiberglass Springs.** Fiberglass Springs not permitted.

8.5 **Coil Overs.** Coil Overs are permitted.

8.6 **Sway Bar.** **MAXIMUM** sway bar diameter is 1.25"

8.7 **Wedge Bolts.** Wedge bolts are permitted.

8.8 **A-Frame Bushing.** Steel A frame bushings are permitted.

8.9 **Frame height.** Minimum frame height five (5) inches with driver at all times. NOTE: Weight boxes welded to the frame become part of the frame, and must meet 5" rule.

8.10 **Tread Width.** Maximum Tread Width 65" Center to center of tires at spindle height. 73" inches from outside of wheel to outside of wheel.

8.11 Stock or aftermarket spindles.

8.12 Stock or Aftermarket rack and pinion steering.

8.13 Stock or aftermarket tube type lower control arms.

8.14 Heim joints for allowed tie rod ends and Adjustable ball joints are legal

Section 9: Weight

9.1 **Minimum Weight.** **Minimum weight 2000 lbs. for 2000cc engine bored a max of .050.**

Minimum weight 2150 lbs. for 2300cc engine bored a max of .050.

Trial basis Minimum weight 2400 lbs. for 2500cc

Engine size Must be displayed on hood in letters not less than 2" tall. Weight must match cc on hood and engine size.

9.1A **Left Side Weight** Proposed 56% maximum for both Pro Mod and Pro Truck Spool / Locked Rear Ends ONLY

9.2 All vehicles can run any percentage Front or Rear Weight.

9.2a Track will use Restrictor plates or any other means necessary to create a level playing field between the Pro Trucks and Pro Mods. Pro Trucks will be the gage for the lap times. If we have Pro Mod trucks or Cars that are obviously faster than the best Pro Trucks we will use weight along with Restrictor plates to bring them back to the best trucks. Our entire objective is to produce a competitive field of trucks and pro mods.

9.3 **Opel Powered Truck Weight Exception.** Opel powered truck minimum weight 1900 pounds.

9.4 **Post-Race Weight.** Posted weights must be met after feature. No weight allowance for fuel burn off in races 50 laps or less in length.

9.5 **Lead.** All weight (lead) must be mounted with a minimum of two (2) 1/2 inch diameter bolts, large fender washers and a locking washer or nut. All weights are to be painted white with the car # painted on each piece. Any driver that loses any lead from his car will be fined \$250 payable prior to any further competition. This rule is in effect during race day or practice days. Weight boxes will be permitted and Highly recommended.

9.6 **Track Right to Adjust Weights.** Racetrack reserves the right to change or adjust weight, and add weight to any car at any time. Weight may not be mounted lower than frame rails.

9.7 **Weight Shifting Devices.** No weight shifting devices of any type permitted.

9.8 Weight cannot be attached to any moveable suspension components.

Section 10: Shocks

- 10.1 **Shock Claim Rule.** \$85.00 per shock. Shock may be claimed or replaced by the track through tech. Any competitor in the race can claim any shock for \$85.00. Shock cannot be claimed before the feature. All competitor shock claims must be made within ten minutes of vehicle crossing the scales. Shock claims must be in writing with money presented to the head tech official.
- 10.2 **Adjustable Shocks.** No external reservoir, no plugs or Schrader valves on the shocks. No adjustable shocks permitted.
- 10.3 **Bump Stops.** No internal or external bump stops permitted.
- 10.4 **Steel Twin tube non rebuildable Oil Based Shocks.** Any vehicle running all steel twin tube, oil based gas bag shocks, may deduct 50 lbs. from the total weight. Shocks must be inspected & approved by track.
- 10.5 In an attempt to keep the playing field level the track may purchase any competitors shocks at anytime for \$85.00 each.

Section 11: Engine Rules

- 11.1 **4 Cylinder Engines.** 4 cylinder trucks and cars.
- 11.1A **The track will be experimenting with a stock 4.3 v-6 Chevy engine in the 2017 racing season as a possible cost effective optional engine for this division for 2017 season and beyond.**
- 11.2 **Engine/Body/Chassis Combination.** May run any engine in any body / chassis.
- 11.3 **Engine Location.** Engine setback. "4 cyl engine" Front of cylinder head casting must be no more than 1.5 inches back from upper ball joint center line.
- 11.4 **Engine Displacement.** Engine can be a maximum .050 over bore.
- 11.5 **Engine Size.** Minimum engine size 1200 cc. Maximum engine size 2300 cc with .050 overbore
- 11.6 **Engine Block.** Must be of standard factory production with standard external measurements in all respects.
- 11.7 **Composite & Aluminum Blocks.** No composite or aluminum blocks permitted.
- 11.8 **Stroking.** No stroking up or down permitted.
- 11.9 **Rods.** No titanium or aluminum rods permitted. No Composite Rods permitted.
- 11.10 **Rod and Crankshaft Swaps.** No swapping the rods & crankshafts in the 2000 into the 2300- 1.5 in 1.9. Must be i.e., 2000 in 2000, 2300 in 2300, 1.5 in 1.5, 1.9 in 1.9 etc. Any steel connecting rod including the Crower Sportsman rod is legal as long as it is the stock length for the engine it is in. May use a 5.7 length rod in the 2000 or the 2300 engines.
- 11.11 **Crankshaft Balancing.** Crankshaft may be balanced, but not knife-edged or lightened other than balancing permitted.
- 11.12 **2000 Crank Minimum Weight.** Minimum weight on 2000 crank will be 27.5 pounds.
- 11.13 **2300 Small Journal Minimum Weight.** Minimum weight on 2300 small journal will be 30.5 pounds.
- 11.14 **2300 Big Journal Minimum Weight.** Minimum crank weight on 2300 Big journal will be 30.5 pounds. Must follow 11.9 guidelines.
- 11.15 **Deck Height.** Zero Deck height.
- 11.16 **Flat Top Pistons.** 3 ring Flat top pistons only.

Section 12: Camshaft, Cylinder Head and Rocker Arms

- 12.1 **Valves.** Standard Stock Size undercut valves are permitted. Pro/Superflow Valves are not permitted. 2000cc Maximum valve sizes: Intake: 1.658; Exhaust: 1.422. 2300cc Maximum valve sizes: Intake: 1.742; Exhaust 1.505. These valve sizes allow .005 for a flattened valve.

- 12.2 **Blend Area.** Maximum .250 (1/4") blend area from valve seat.
- 12.3 **Head.** Stock head with only one (1) camshaft. No porting or polishing or cutting. Cutting valve spring pockets out is permitted. This allows for better springs.
- 12.4 **Strapping Cam Towers.** Strapping cam towers is permitted.
- 12.5 **2000/2300 Heads.** 2000 or 2300 heads will be permitted a minimum of 45cc. No aluminum heads permitted.
- 12.6 **Opel Heads.** Opel 1.9 Heads minimum of 40cc with a maximum valve size of Intake valve 39mm. Exhaust valve 33mm.
- 12.7 **Big Valve GT Opel Heads.** No Big Valve GT Opel Heads permitted.
- 12.8 **Aftermarket Heads.** No aftermarket heads permitted. May mill boss for solid cam and that is all.
- 12.9 **Roller Cams.** No Roller cams permitted. Anyone caught with a roller cam will be fined \$100.00 and lose all points and money for that night.
- 12.10 **Stainless Steel Valves.** Stainless steel valves are optional. Must be stock replacement.
- 12.11 **Track Tear Downs.** Track may require a complete tear down on any given night. Tear downs will be performed on that night.

Section 13: Intake Manifold

- 13.1 **Stock or Aftermarket intakes allowed. Material may be removed from the intakes but Material cannot NOT be added internally. Plenum has to remain stock height for that intake. NO custom or homemade intakes.**
- 13.2 **Fuel Injection.** No Fuel Injection intakes permitted.

Section 14: Carburetors

- 14.1 **Permitted Carburetors.** Carburetor must be a Holley 2 barreil part# 7448 350 cfm carburetor. Keith Dorton series 350 cfm part # 5200 carb is permitted.
- 14.2 **Must Fit Manufacturer Specs.** Carburetors must fit all manufacturers' specs.
- 14.3 **Air.** All air must enter through carburetor venturi.
- 14.4 **Choke Butterfly.** May remove choke butterfly.
- 14.5 **Carburetor Modifications.** May change power valve and jets, may use metering blocks with air bleeds nothing else. No other modifications permitted.
- 14.6 **Fuel.** Must run Highland Rim fuel.
- 14.7 **Fuel Additives.** No fuel additives permitted.
- 14.8 **Electric Fuel Pumps.** Electric fuel pumps are permitted, but cars utilizing them must have a safety cutoff switch within reach of the driver and an oil pressure shutoff switch.

Section 15: Carburetor Spacers, Gaskets and Mounting

- 15.1 **Spacer.** Maximum of 1 3/8" inch spacer between intake and carburetor including gaskets.
- 15.2 **Return Springs.** Recommended minimum of two (2) return springs (opposing each other).
- 15.3 **Throttle Stops.** Throttle stops are highly recommended.
- 15.4 **Restrictor plates..** Restrictor plates when issued must be mounted under carburetor spacer plate with ID tag and number visible.

Section 16: Air Intake

- 16.1 **Cold Air Boxes.** Cold Air Boxes are permitted.
- 16.2 **Air Cleaner.** Only one air cleaner element permitted. No flow through tops or holes in the air cleaner top or bottom. Maximum diameter 16".
- 16.3 **Air Cleaner Alterations.** No addition of material, shielding or alterations of air flow to air cleaner permitted.

16.4 **Air Dams & Deflectors.** No air dams or deflectors permitted.

Section 17: Fuel System

- 17.1 **Fuel Cells.** Racing fuel cells are mandatory, bladder type cells are highly recommended.
- 17.2 **Fuel Cell Size.** Maximum 22-gallon cells with fuel cell roll over valves.
- 17.3 **Loop Bar.** Loop bar behind fuel cell is mandatory. Bar must be a minimum of 1" lower than fuel cell.
- 17.4 **Fuel Cell Mount.** Two (2) sections of box tubing may also tie the rear frame rails together and act as a fuel cell mount.
- 17.5 **Fuel Cell Location.** Fuel cells must be in trunk compartment, between frame rails.
- 17.6 **Fuel Cell Height.** Bottom of fuel cell container must have a min ground clearance of 8".
- 17.7 **Fuel Pump.** Stock type mechanical fuel pump only, Electrical fuel pumps are permitted, but cars utilizing them must have a safety cutoff switch within reach of the driver and an oil pressure shutoff switch.
- 17.8 **Reservoirs, Equalizing Systems, Fuel Cooling Devices.** No additional fuel reservoir, pressure equalizing systems, or fuel cooling devices permitted.
- 17.9 NO E-85 Fuel

Section 18: Ignition System

- 18.1 **Distributor.** Stock type/style distributor. 2000 distributor and 2300 distributors can interchange. Magnetos are not permitted.
- 18.2 **Distributor Caps.** Stock Distributor caps,
- 18.3 **Coil.** Any Coil permitted.
- 18.4 **Plug Wires.** Any plug wires are permitted.
- 18.5 **MSD Boxes.** MSD box is permitted. Rev limiters are permitted.
- 18.6 **Dual Point Distributors.** Dual point distributors are permitted.
- 18.7 **Distributors.** Any distributor that fits into the stock location is permitted.
- 18.8 **Traction Control.** No traction control systems, or timing control devices permitted.

Section 19: Transmission

- 19.1 **Transmission.** Any stock type transmissions permitted. May be checked at anytime.
- 19.2 **Modifications.** **No internal modifications.**
- 19.3 **Shifter.** Single lever shifter must be stock type. 2-lever shifter permitted.
- 19.4 **Reverse Gear.** Reverse must be operational

Section 20: Clutch & Flywheel

- 20.1 **Flywheel.** Flywheel must be stock type.
- 20.2 **Flywheel Weight.** Minimum Flywheel weight is 14 pounds. Must not be altered or weight added, except for balancing. **Any vehicle may be required by the tech officials to pull clutch & flywheel for weighing and inspection regardless of finishing position.**
- 20.3 **Inspection Hole.** There must be a 3" hole in bell housing for inspection of clutch and flywheel.
- 20.4 **Aluminum Flywheel & Pressure Plate.** No aluminum flywheel or pressure plate permitted.
- 20.5 **Clutch.** Stock type Clutch or button type clutch disc permitted. Stock diameter. No light weight disc permitted. Stock pressure plate.
- 20.6 **Hole Patterns.** No changing hole pattern in flywheel or pressure plate permitted.
- 20.7 **Scatter Shield.** Must have some type of scatter shield.

Section 21: Drive Line.

- 21.1 **Drive Shaft.** Drive shafts must be steel and painted white. No aluminum, carbon fiber or composite drive shafts permitted.

Section 22: Differential

- 22.1 **Quick Change Rear Ends** will be allowed for 2017 with a Final Gear Ratio limit (TBD). Quick Change must be a Spool / Locked Rear end ONLY. (Additional weight may be added)
- 22.2 **Rear Ends.** Spool / Locked Rear ends ONLY
- 22.3 **Tread Width.** Maximum Tread Width 65" Center to center of tires at spindle height.
- 22.4 **Ring and Pinion** No polished ring and pinions.

Section 23: Exhaust

- 23.1 **Headers.** Headers are permitted. Tail pipe must be 30 inches past bell housing.
- 23.2 **Mufflers Mandatory. 100 dba.** No straight manifold or exhaust headers. Must have Exhaust/Muffler/Pipe system and it must muffle the sound to 99 dba or less at 100 feet. City of Millersville, Tennessee enforces 100dba @ 100ft. noise ordinance. Failure to comply with ordinance will prevent car from being allowed on track.
- 23.3 **Exhaust.** Exhaust must extend past the driver and exit out either side of the car.
- 23.4 **Exhaust Length.** Exhaust pipes should not extend past rocker panel.

Section 24: Brakes

- 24.1 **Brake Pedals.** Brake pedals must follow stock configurations. Dual master cylinder aftermarket hanging pedals permitted.
- 24.2 **4 Wheel Brakes.** Must have functional brakes on all 4 wheels at all times.
- 24.3 **Brake Bias Devices.** Brake bias devices permitted.
- 24.4 **Rear Disc Brakes.** Rear Disc brakes permitted

Section 25: Tires & Wheels

- 25.1 **American Racer 970 15" x 8" Treaded tire is the official track tire (This is the tire the track will sell).** American Racer AR782 in 13-14 and 15 inch sizes are legal as well as the 8" Towel City Retreads. No soaking, siping or altering of tires
- 25.2 **13- 14 or 15" x 8" Steel Wheels**
- 25.3 **Steel Wheels Only.** No aluminum or alloy wheels permitted. Wheels must be steel.
- 25.4 **Aftermarket Wheels.** After market circle track racing wheels are permitted, any combination of wheel offsets are legal providing the maximum tread width rule is not exceeded.
- 25.5 **Lugs.** 1" OD oversized steel lugs are recommended on all wheels; and REQUIRED on Right Front wheels. Also required on ALL aftermarket racing wheels.
- 25.6 No wheel weights allowed.

Section 26: 3 Win Rule / Track tear downs & Protests

- 26.0 **THREE Win Rule.** This applies to Trucks and Pro Mods. Once anyone **Win's three (3) races** in a season they will go to the barn. A complete tear down is possible but at the very least the head may be removed and all components of the vehicle are subject to being checked. **Any driver winning their third race will be required to run a Restrictor plate (size to be determined by Tech)** At any point after your 4th Win you are subject to getting a smaller restrictor plate and going back to the barn.

- 26.0a **New Entries. NO Cherry picking....** Once a driver and or car receives a restrictor plate ANY VEHICLE (Truck or Car) that has not previously raced at HRS during the season **may be required to run a restrictor plate determined by their practice times. Size to be determined by tech.**
- 26.0b **Restrictor plates once issued follows both the driver and vehicle.**
- 26.1 **Limits.** **May protest within 5 positions in front of finishing position.** Protesting driver must have run three races prior within the previous 12 months to file a protest.
- 26.2 **Time.** Must present completed protest form and protest money to tech official within 10 minutes of car being protested clearing scale pad. Car being protested then has 10 minutes to file and pay to counter protest.
- 26.3 **Top End Protest (\$250).** Carburetor, Intake, Cylinder Head, Camshaft & Piston Head Configuration.
- 26.4 **Complete Engine Teardown Protest (\$550).** Top End Protest plus Bore, Stroke, Pistons, Rods & Crankshaft.
- 26.5 **Rear Wheel Drive Transmission (\$150).** Protest Transmission Gears, Flywheel & Clutch.
- 26.6 **Front Wheel Drive Transmission (\$200).** Protest Transmission Gears, Flywheel & Clutch.
- 26.7 **Carburetor (\$100).** Protest Carburetor Only.
- 26.8 **Traction Control (\$100).** Check for Traction Control
- 26.9 **Rear End (\$100).** Protest Rear End.
- 26.10 **Unapproved Parts.** Any car protested, and disqualified for unapproved parts will lose all points and monies for that night. Each additional time car is protested and found to have unapproved parts, fine will increase by \$50, as well as loss of all points and monies.
- 26.11 **Protest Fee Retention.** Track retains 30% of protest fee, no matter the outcome.

Section 27: Driver Changes / Points and Race Procedures

Points Championship

- 27.0 We will honor our Champion and the **TOP FIVE** in Championship points at our 2017 Championship Banquet. Additional positions in the top ten in points may also be recognized by special request from the car owner and or driver to The Rim management team. The request must be presented in writing and must be received **FOUR (4) weeks** prior to the 2017 Banquet date.

Only our Weekly Racing Series Champions (Divisions with 20 plus race dates) are eligible for Championship point money if money is available.

- 27.1 **Driver Changes.** Pit Booth must be notified of driver changes other than registered **driver in writing** before races begin. It does not matter whom else you have told; you must notify the pit booth in writing of a driver change before the feature event. Failure to do so may result in points being credited to the wrong driver, and may not be changed.
- 27.2 **All Races Count.** All races will count towards point total. **No dropping of bad races.**
- 27.3 **Points.** You must take the green flag in the race to get points.
- 27.3a **Exception to 27.3 rule.** If a car is damaged in the Trophy Dash or preliminary event and not able to compete in the feature event for that class they will receive last place points and pay.
- 27.4 Any **discrepancy** in posted points must be presented in writing to scoring and HRS track owners within 7 days of the event in question.

PROTESTS

May protest within 5 positions in front of your finishing position. Must have run 3 races prior to protest. **The protester has 10 minutes after the car in question has cleared the scale area to file a protest, along with**

cash money and completed protest form. In turn the protested car has 10 minutes to file a counter protest back on the original protester's car after being notified.

The Competition Director (Lead Tech) has the authority to deem a rules infraction as a minor infraction and allow up to two weeks to correct the infraction.

The Competition Director (Lead Tech) has the authority to allow cars from other tracks To visit on a temporary basis to see if their rules package will align competitively with our rules to help build the field of cars.

Cars may be allowed to race in this division on a limited basis to test future rules packages and how they will play out in the actual racing environment. Drivers will be informed of these cars in person or in the drivers meeting. These cars will NOT be awarded points or pay.

Appeals: Once a ruling has been made, you must inform the Competition Director (Lead Tech man of your wish to appeal his decision and ask for an appeal form. Fill out the appeal form and give the \$100 appeal fee to the Race Director within ten (10) minutes of the rule you are disputing to have your appeal heard.

Qualifying Races.. All Cars line up in REVERSE POINTS ORDER for weekly qualifying races...

Drivers with no points must start behind the points leader in the qualifying race.

Depending on car count in the qualifying race up to the top 8 finishing drivers from the qualifying race will redraw for feature starting positions. You will be required to have a representative at the tech shed after each qualifying event if you finish in the redraw position. If you have no representative at the redraw tech will draw for you. Your representative must be at the tech shed on the last lap of the qualifying race.

5-8 cars 4 is the redraw

9-14 cars 6 is the redraw

15 up 8 is the redraw

Qualifying races are a good opportunity for the experienced driver to dial in their car for the feature event. It is also a great time for the inexperienced drivers to gain more racing experience and a little better opportunity to get a Win. The Race Director may require any driver that is NOT racing on a full time basis with HRS to start behind the Points Leader in Qualifying races.

28.1 After the first 3 point races are ran any new driver starting up having competed in less than 3 qualifying races at HRS may be required to start behind the points leader in all qualifying races (This is mainly if they are inexperienced) until they have ran at least 3 qualifying races to establish themselves and to help minimize damage

28.2 QUALIFYING RACE POINTS SYSTEM

1ST PLACE	5 POINTS
2ND	4 POINTS
3RD	3 POINTS
4TH	2 POINTS
5TH THRU FIELD	1 POINT

28.3 FEATURE POINTS SYSTEM

Points System will award 75 points to the official Winner of any feature event with a 5 point drop to second place. Second position is awarded 70 points with a 2 point drop to 3rd place. Third place will be awarded with 68 points with a 1 point drop for all positions after third place.

1st	75
2nd	70
3rd	68
4th	67
5th	66
6th	65
7th	64
8th	63
9th	62
10th	61
11th	60
12th	59

Continues to drop by 1 point through the field

28.4 RACE for the Championship POINTS RESET July 31st.

The Points will reset after the last race in JULY.

For 2018 Each Driver that competed through July will receive 750 points plus 10 points for each race night they attempted to race in that division.

28.5 The top 5 in Points at the end of July will receive Bonus Points

1st	10 points	Plus a nice Mid Season Points Leader Trophy
2nd	5 points	
3rd	4 points	
4th	3 points	
5th	2 points	

After Race Tech Penalties

The following option simply gives the racer a chance to NOT be DQ'd from the race for a minor weight infraction and to keep most of their points. If your car is wrong within the following guidelines you may accept the DQ with no fine or pay the fine and keep your position and points.

WEIGHT Infractions	OFFENCE	POINTS DEDUCTED	FINE
1-5 LBS LITE	ANY OFFENCE	-10 POINTS	-\$100
6-10 LBS LITE	ANY OFFENCE	-25 POINTS	-\$200
11 LBS & OVER LITE	ANY OFFENCE	DQ	DQ
LEFT Side Weight Percentage %			
Up to 0.2% over	ANY OFFENCE	-10 POINTS	-\$100
0.3 to 0.499%	ANY OFFENCE	-25 POINTS	-\$200
OVER 0.499%	ANY OFFENCE	DQ	DQ
TRACK / TREAD WIDTH infractions			
UP to 1/8" WIDE	ANY OFFENCE	-10 POINTS	-\$100
1/8" to 15/32" WIDE	ANY OFFENCE	-25 POINTS	-\$200
OVER 1/2" WIDE	ANY OFFENCE	DQ	DQ

TAP Out Rule for 2018:

When two drivers are involved in an on the track accident the rule is both cars go to the back of the pack however beginning in 2018 we will have include a **Tap Out Rule** if one of the drivers involved knows they were the one that caused the accident they can drive to the front stretch and stop at the start / finish line and **TAP on The Roof** of their car signaling the wreck was their fault by accident. If this happens the driver that tapped their roof (**Tapped out**) will go to the Rear of the field and the other driver will get their position back.