

**2021  
Port City Raceway Inc.  
Rule Book  
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## GENERAL RACING RULES AND TRACK PROCEDURES

1. Admission into the racing area signifies acceptance of and compliance with all Port City Raceway Inc. rules and specifications.
2. The promoter reserves the right to refuse entry into the pit area for any reason.
3. All racing vehicles must have mufflers that keep their car at 95 DECIBELS or less at 50 feet from the racing surface. **If the muffler gets knocked off, falls off, or becomes loud during a race, you will be black-flagged.** Pull to the infield immediately. **This means if your muffler comes off anytime from the start of the race to exiting the track at the end of the race, you will be disqualified.** If your car becomes loud and you pull to the infield on your own, you will not be disqualified, you will receive last place points.
4. All persons admitted to the pit area of an event under the age of 18 must have a Port City Raceway Inc. Minor's Release signed by their parent or legal guardian.
5. Driver's sign in shall close 45 minutes prior to the advertised time of the first event. Cars and/or drivers arriving late will be put on the back of their heat race and must notify the pit board person.
6. **Only tow cars with racecars attached, push cars, ambulances, and officials' cars will be permitted through the pit gate. NO PERSONAL VEHICLES ALLOWED TO PARK WITH TRAILERS.** Everyone admitted into pit area must stop at pit gate and sign a release before entering pit area. All tools and equipment must accompany racecar and/or tow car. ATVs are permitted in the pit area. No one under 16 years of age will be allowed to ride on ATV on the premises. One person only at a time on an ATV. Any violation pertaining to an ATV will result in the banning of that ATV immediately. **No 2 wheeled or 3 wheeled vehicles allowed.**
7. No persons except track officials will be allowed in the infield.
8. The car/driver combination entered for the race program cannot change once they have pulled on the track to start the heat race. Starting positions are determined by pill draw with passing points. We will have a random draw for the top six (6) invert in passing points for each "A" Feature. The rest will lineup by passing points earned in the heats. Judgment of ability and physical condition of drivers to compete will be made by track officials. They can then assign him/her a position to the rear of events until such time that the driver's skill allows him/her to start in his/her point average position.
9. Race line-ups will be posted on the pit board. No delay between races will be tolerated. Cars may notscratch from the original line-up of any race to start in another race. Every car that signs in will be placed in a feature unless scratched or disqualified for the night. If a car scratches from line-up, cars will move straight up NO crisscross unless three cars in a row gets knocked out and cannot restart and needs to realign. This includes a restart of 1<sup>st</sup> lap.
10. The entry ramp from the pit area to the track will be closed when the red signal light at the pit board is on. No other cars will be permitted to enter the track for that particular race.
11. The pole car shall set a pace as determined by the flagman's signals for the start and all cars will go by it. The front row will be side by side at the white line in turn four, if you jump or lag back you will be penalized, no questions asked and no warnings. At the start of a race, no car will overtake or pass another car before the green flag is thrown; this includes the restart after a yellow or red flag condition. On restarts, after one lap or more has been completed, cars will go between cone and wall. A cone will be placed on the front straight-away during restart pace laps. If any car passes inside the cone, they will go to the rear of the field. There will be no passing of cars until you pass the cone. If you hit the cone or pass a car before you pass the cone, you will be docked two (2) positions at the next caution or the end of the race, whichever comes first. If you hit the cone or pass a car a second time, this will result in disqualification.

12. Spins or tangles occurring in the first lap in any event will call for a complete restart. If you are stopped when a yellow comes out or if the yellow is thrown for you, you go back to the tail.
13. If a race is stopped after the first lap is completed, the cars will be restarted in single file in the same position that they crossed the finish line during the last full green flag lap. Cars causing the restart will go to the back of the line-up.
14. When the yellow flag comes out, the lead car will immediately slow to parade speed. Noncompliance can cause the black flag to be given to the lead car for disqualification from that event. Passing another car under yellow flag conditions will cause disqualification.
15. During a yellow flag, cars cannot be worked on. If you get out of your car you cannot continue to race in that event. If you leave the racetrack at any time you may not re-enter that race. A closed red means the cars cannot be worked on by anybody including the driver.
16. If a car spins out by itself once during a race causing the yellow flag, he/she can continue to race, but must start on the back of the pack. If a car spins out more than once by itself, he/she is finished for that race event. However, if he/she is touched by another car, he/she can continue. In spins involving two or more cars in the same incident, all cars get to restart but must line up at the back of the pack. Cars will be scored and awarded points.
17. If your car develops problems, causing it to slow down, do not move to the outside of the track. Move to the inside of the track towards the infield. If you exit track under green, you will be disqualified for that race. **Do not exit the track to pull into the pit area during a race!**
18. All cars that require assistance due to a mishap that caused the yellow or red flag must go to the back of the pack on the restart if they are able to race. On realignments after a yellow or red flag, if a car pulls out of line for any reason, he/she goes to the back of the pack. Drivers disqualified during the heat race will start scratch in their next feature.
19. Cars that have left the racing surface and entered the infield may re-enter the track on the straight-away. Re-entering in the corners will result in the car being docked 2 positions at the next caution or at the end of the race, whichever comes first. Cars must be on the racing surface when crossing the start/finish line to be scored for that lap! This call is made by the scorers and will not be questioned!
20. The race is over when the lead car receives the checkered flag and further scoring will discontinue as soon as each car has crossed the finish line one time. Finishing positions will be determined by the number of laps completed. Any feature race shall be subject to being called after 2/3 of scheduled laps or 20 minutes elapsed time during that particular race. This is to be done at the promoter and/or track official's discretion.
21. Any person sustaining injury while on the track facilities must report the injury to a track official no later than 15 minutes after the end of the racing program. Any person entering a hospital with such an injury must advise Port City Raceway Inc. of their intent before entering the hospital.
22. Drivers who drink alcoholic beverages while participating in a racing program will be suspended for one calendar year from the date of the offense.
23. If you stop to argue with a track official on the track, you will be put in the back or disqualified!
24. Packing the track will be done by every class except for the Jr. Sprints.
25. When a red flag/red light appears, all cars are to stop immediately. Do not drive to a place on the track for convenience. You may not start or drive your car under power while the red light is on – you will be disqualified. The flagman will turn the yellow and red on together when a red flag line-up is ready. All cars will proceed to the cone on the back straight and stop until the red goes out.

26. Once the yellow light is on and cars are lining up, if you stop or require any assistance, you will be placed to the rear of the line-up. On initial starts, once the yellow light goes off and the race is ready to start if you stop for any reason you will go to the rear.
27. You may stop during a yellow for safety reasons only! You will retain your position. Safety meaning seat belts, helmet, ECT. or something on the track. If your car requires any help or work, you will be sent to the back! If your throttle is stuck, a track official will try to assist you without pulling the hood, but you will still go to the rear. You cannot stop and have your car checked for any other reason or you will go to the back!
28. **Racers will be told on the Raceceivers who will weigh.** If you are light officials will roll your car backwards off the scales, reset and reweigh a second time. If you are 1 lb. light you will be disqualified for that race. It is your responsibility to check your car to track scales. Heat race winners, B feature winners and the top 3 A Feature finishers will be weighed. Failure to report to the scales will result in disqualification for that race.
29. Any car that is in the infield and deliberately pulls out on the track and stops to bring out a caution will go to the pits.
30. On an original start, we will attempt three times to go green. If we cannot go green after three attempts, we will line up single file.
31. **You MUST compete in 75% of all point races & become a USAC Member to be eligible for Year End Monies & contingency prizes. All Champions will have the opportunity to attend the prestigious USAC Night of Champions in Indianapolis for awards & recognition.**
  - A. To become a USAC Member to be eligible for the Port City Raceway Season Points Fund, login to [www.usacracing.com](http://www.usacracing.com) to register. Go to the *Member/Owner* tab, scroll down to *Membership*, fill out the applicant information then scroll down to *USAC Sanction Tracks*, select *Port City Raceway – Micro Division*, then complete the rest of the application.  
  
*The 2021 USAC License for Drivers & Crew Members includes an excess medical policy which will help with medical expenses incurred for accidents during USAC sanctioning racing events.*
  - B. Draw Fee: There will be a \$5.00 draw fee per class for USAC Members & a \$10.00 draw fee for Non-USAC members. Money's will be going towards year end points fund. Also, any penalties resulting in any fines – all monies will go toward year end point fund.
32. **ROOKIE OF THE YEAR:** In order to qualify for Rookie of the Year, a participant must be approved by the Competition Director. If a driver races 5 or more times in one given year then said driver will not be able to participate in the Rookie of The Year Program for the following year. You must be a USAC Member to compete for Rookie of The Year Program. Port City Raceway will provide a "Rookie" stripe & "Rookie" decal for your car. Will be placed on the car by a Port City Official & has to be on the car to compete for "Rookie".
33. **PROVISIONALS:**
  - a. In order to be eligible for a provisional, the driver must be a USAC member.
    - i. Drivers who are current USAC members will receive one provisional start per season. After 10 completed point races – USAC members will earn another provisional. For a total of 2 Provisionals per year.
    - ii. In order to qualify for a provisional, the driver must be in the top twenty in points at the time the provisional is to be taken.
  - b. The eligible and qualified driver that is highest in the current point standings will be the first entitled to a provisional. If that driver elects not to use a provisional, the eligible and qualified driver that is next highest in the point standings will then be entitled to a provisional. A provisional will not receive finish monies, only points.
  - c. Every USAC Member will receive a provisional at the start of the season. No Provisionals the first night

**ANY POINT NOT COVERED HEREIN SHALL BE DECIDED BY THE  
PROMOTER AND/OR TRACK OFFICIALS AND THEIR DECISION SHALL BE  
FINAL.**

# 2021 Port City Raceway Inc. Rules

These rules apply to all classes:

(Please read your specific class rules)

**Communication:** RACEceivers ARE MANDATORY for all racers. Unless otherwise noted, we will use frequency 454.000 at all events. NO electronic communication of any type is allowed from the pit area to the driver once the racecar is on the racetrack. This includes cell phones, radios, and receivers of any type. This rule is intended to make it fair for everybody. If caught breaking this rule, you will be disqualified.

**Electronic Adjustments:** No electronic adjustments of any type allowed from the pit area once the racecar is on the racetrack.

## Bumpers and Nerfs.

1. Cars must have a bumper extending beyond the front and rear tires. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers. Nothing may extend beyond the outside edge of the tires or wheels, whichever is the widest. No sharp corners or design as to hook or damage. All cars must be equipped with nerfing bars.
2. **Right Side Nerf bar must not extend past the outside of the RR tires, but the Left Side Nerf bar can extend up to 1" past the LR tire.** All front bumpers cannot exceed 9 inches from the front of the frame to the front of the bumper.
3. All bumpers & nerf bars must be securely mounted (no zip ties, pop rivets, etc.)

## Safety.

1. Seat belts must be securely attached to the car and used at all times. Three-inch (3") seat and shoulder harness recommended for all classes. Metal to metal latches only. 5-point seat belts, shoulder harness and sub strap are required. Belt dates must not be over three years old. (Example: Oct 2018 may be used in 2019, 2020 and 2021.)
2. Arm restraints are mandatory and must be adequately adjusted to keep the driver's hands below the top of the roll cage.
3. Helmets must be full head coverage competition type and one of the three latest SNELL approvals.
4. All drivers will wear a name brand flame-retardant uniform.
5. Neck braces with a SFI 3.2-1 rating or higher are mandatory.
6. SFI gloves are mandatory for safety.

**Battery.** All wet cell batteries mounted in the cockpit must be covered and vented outside the cockpit area.

**Bodies.** The intent of this rule is to eliminate any add-on panels of any type which could be considered an airfoil or sideboard. The triangulated area behind the cage may be enclosed. Side panels not to exceed triangulated area. Panels to be flat with no more than a 1" flap not to exceed 45 degrees. The final decision of these panels will be made by the PCR referees.

**Brakes.** Brakes will be of sufficient strength so as to slide the wheels while the car is in motion at any given time.

**Tires.** All 4 tires on the racecar must be Hoosiers, NO EXCEPTIONS. (Unless specified in Class Rules)

**Numbers.** All cars must have legible numbers painted in contrasting colors on both sides of car and the nose. Minimum height of numbers is 8" on the nose and nose wing, 10" on each side of the tail and 12" on the wing. Numbers must be separated from advertising, so they will be readable. Gold, silver leaf, or prismatic numbers

will be allowed as long as the scorers can read the numbers. This will be the scorer's discretion. You must have a 12" number on top of the wing facing the front of the car. If the scorers cannot read your number, you will be required to change them. Numbers are assigned on a first come first serve basis. Numbers are assigned to drivers not cars.

**Ballast.** Material used for weight **MUST** be firmly attached to the main frame. Only lead and/or steel plate will be allowed. **All add on weight MUST be either painted white or completely covered with white tape & have your car # on it.** The only exclusion to this is if you have lead sheets in the driver's seat. If you have ANY bolt on weight, you must notify a track official before going on to the track for inspection.

**Chain Guards.** Chain guards will be installed on all cars where chains are exposed to the driver or other participants. The chain guard will run on top of the chain from jackshaft to the center of the rear axle with a minimum size of .060 aluminum. Track has the final say on chain guards concerning all classes.

**Driver's Compartment.** No car will be allowed to compete that requires dismantling portions thereof to enter or leave the cockpit with exception of the steering wheel hub. No cockpit adjustments of any type. **An inside panhard adjuster will be permitted, but must be bolted, not tie wrapped so it cannot be moved by the driver.** (This rule does not apply to Outlaw)

**Engines.** (This applies to Restrictor, Sportsman, A-Class, and Non-Wing) For Carb or fuel injected engines you may use either wiring harness (this means carbureted or fuel injection wiring harness is acceptable) as long as example, Yamaha with Yamaha, or Honda with Honda. No current year production engines allowed.

**Fire Walls.** There must be a firewall between the driver and engine compartment. Must be steel, aluminum, or fiber glass. Minimum specifications are: Steel to be 24 gauge and aluminum to be .0625 thickness.

**Floors or Belly Pans.** Cars must have an under pan extended from the front of the seat to a place forward of the driver's feet.

**All cars must be equipped with either a tail tank & bladder OR with a safety cell.**

**Fuel.** NO Additives of any kind to be added to fuel (Methanol or Gas)

**Fuel System.** **All 600's will be equipped with a fuel loop cut off for SAFETY purposes. If the carburetors/injectors get knocked off of the car involved in a crash, one lead of the loop will automatically open up to kill the fuel pump. (Bob Mosley will have details & a drawing to show to do this). Going forward, some of the ignition manufacturers are looking into doing this possibly with the ignition or crank trigger to work like a mechanical pump, if the motor stops – the fuel pump stops.**

**Ignition System.** On/off switch must be mounted in the area of the steering wheel.

**Inspection.** All racecars will be subject to inspection prior to admission to the pit area.

**Mirrors.** No mirrors allowed.

**Mufflers.** Any type, as long as it gets the car to 95 decibels or less.

**Nose Wings.** The leading edge of the sideboard cannot exceed the front bumper except for the Non-wing class.

**Radiators.** Type optional.

**Radius Rods.** It is recommended that all rear rods be safety chained, cabled, or designed in such a way that, should they break at the front mount, they will not dig into the track and flip the car. This also applies to single point front suspension engine mounts.

**Seats.** High back, meaning covering of shoulders and helmet mandatory.

**Steering.** Front wheels must be connected by a solid or tubular tie rod. No other restrictions shall be enforced provided that the steering is considered safe and operable.

**Throttle.** Must be foot operated or approved by promoter.

**Tires:** **NO TIRE DOPING.** This will be compared to a new tire rubber of the same compound. Any doping found will be an automatic disqualification.

**Welding.** All welds must pass technical inspection.

**Wheels.** Types optional in all classes. Wheel safety pins on left and right rear are mandatory in all classes.

**No electronic traction control devices.**

**No Nitro Additives to oil in motor at all and No Nitro Products used to treat air filter at all.**

Mechanical Injection with Mechanical Fuel Pumps with stock OEM throttle bodies will be allowed in the following classes: Example : Engler & Guhl

- Restrictor with Red King Plate
- A Class Winged
- A Class Non-Winged

Refer to your specific class for Engine Control Units that will be allowed in the following classes:

- Restrictor with Red King Plate
- Sportsman
- A Class Winged
- A Class Non-Winged

**Fuel Pump Auto Shut Off.** All 600's will be equipped with a fuel pump auto shut off without the turn of a switch. If the motor stops, the fuel pump must automatically shut off as well (this is a safety rule so that if your carburetor's/injectors get knocked off or the fuel line comes off, the fuel pump will shut off automatically)

**Water Pump.** All 600 classes can run an electronic water pump.

**Left side engine mounting only! No right side, rear, or center. (Does not apply to Jr. Sprint)**

**Stock is defined as factory delivered specifications. All gaskets are to be in place and be of O.E.M. specifications.**

**For any driver 18 or under, a copy of your birth certificate must be on file with PCR.**



## DISQUALIFICATIONS AND SUSPENSIONS

1. Any driver or pit crew member being disqualified will be told immediately after the race in which he/she is disqualified.
2. All disqualifications, suspensions or fines for violation of the rules will be levied before the race officials leave the race site or by the following Tuesday.
3. A car starting in an event without its body parts, engine cover, or chain guard in place will cause the car and driver to be disqualified. Any damages to a car during an event will not cause disqualification but must be fixed prior to the next race night, unless deemed unsafe to continue.
4. If a car fails the decibel test, it will be disqualified.
5. Cars running across the infield at a high rate of speed to get back on the track will be disqualified.
6. Rough driving calls will be made by the referees only. First offense will automatically go to the back. Second offense will result in being blacked flagged. Any car purposely striking another car during a yellow or red flag or after a race will be disqualified and a second offense will be suspension. If under a caution a car forces another car to come to a stop because of retaliation they will be disqualified and receive a two-week suspension. A second offense will receive a one-year suspension. The car that got hit and stopped will get their spot back.
7. Any condition considered unsafe by the track officials will be adequate grounds for barring a car from competing until the fault has been corrected to their satisfaction.
8. Any verbal protest to any official by a car owner or driver will automatically disqualify car and driver for the complete program of that date. Suspension of privilege to re-enter the pits may also be levied.
9. No violent arguments on the track or in the pits will be tolerated. Any person violating this rule will be subject to suspension as outlined in the following paragraph.
10. Fighting is specifically prohibited. Fighting by any car owner, driver, pit crew member, or race official is an automatic suspension of 2 or more race events and a \$500 fine at Port City Raceway Inc. for the person starting the fight. If not paid by the following Tuesday, the fine is \$1000 before the person comes back.  
Going to someone else's pit area looking for trouble constitutes you starting the fight.
  - a. If you or any one of your crew members, family members or friends express verbal profanity or hand gestures to another person on the track, exiting the track or in the pit area, you (the driver) will receive a two (2) week suspension and \$200.00 fine from Port City Raceway. Hand gestures on the racetrack or on your way back to the pits are not permitted or tolerated. Any of these actions will constitute a two (2) week suspension along with a \$200.00 fine paid to the track. The driver will also lose points & money for that event.
  - b. Stopping a racecar by standing in front of it or having your pit vehicle in the drive lane as the car exits the track will constitute a two (2) week suspension & \$200.00 fine. The showing of any displeasures verbally or use of hand gestures, throwing of debris or a driver peeling out or excessive speed through the pits all warrant a two (2) week suspension & \$200.00 fine. The driver will also lose points & money for that event.
  - c. Any person entering the track to argue for their car or driver, that driver loses all points & money for the night. Any person going to the racetrack to work on or assist any car WITHOUT the approval of the PCR Staff, your driver will be disqualified for that race.

11. If the car driven by a point winner is found to be illegal, all cars will be moved up one place in the illegal car's event.
12. The decision of the race officials is final, if you come to the tower to argue with the officials or scorers during the races your car will be disqualified for the event. After the program is completed you are welcome to come to the tower and ask questions or discuss the issue. No violent confrontations will be allowed.
13. Promoter has final say in all matters pertaining to racing and racing facilities.
14. Striking an official will result in a BAN FROM PCR for the person striking the official.
15. You are responsible for your pit crew. Any infraction by a crew member will result in suspension of that driver and crew member.
16. Any car leaving the track at a high rate of speed will be subject to a \$200 fine & two (2) week suspension. Second offense is a \$300 fine and two-week suspension.

## JR SPRINT

### SPECIFIC RULES

- 1. Age.** Drivers ages 6 through 11 (A driver whose 12<sup>th</sup> birthday falls during the racing season will be allowed to finish the season in which they began accruing points before their birthday. Racing season starts March 1<sup>st</sup>.) may compete in the "J" Class. It is recommended that parents/guardians read and understand these rules. If a driver in the Jr. Sprint class chooses to run a higher class at a Port City Raceway points event, they may not run more than 5 races in that higher class. On the 6<sup>th</sup> time, they cannot move back down to Jr. Sprint – EXCEPTIONS: special events will not count as one of the 5 events.
- 2. Roll cage.** Roll cages shall be at least 1 inch .083 wall thickness mild steel, or 1 inch .065 wall thickness chromoly steel minimum. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
- 3. Cockpit Controls.** On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be functional. No radio communication is allowed with the car or the driver. The box that hangs on the fence was clarified as not being radio communication to car or driver and will be allowed. (This is the infrared transmitter used to trigger the lap timer function on Mychron style devices. Concerns had been raised that this "box" might be capable of "communicating" with a car on the track. Further review by the board proved no "communication" was possible.) Cockpit controls: carb adjusters kill switch and engine monitor. No wing sliders or pan hard adjuster's driver operated in cockpits.
- 4. Fuel.** Racing gas or pump gas allowed, not to exceed 110 octanes. 0 to negative on the Digitron fuel tester will be permitted. Anything on the positive range will be illegal. You may run methanol. NO upper end lubricants will be allowed. **NITRO products are NOT allowed.** Safety cell is recommended, but the aluminum go kart tank with a sealed lid will be allowed after tech inspection.
- 5. Weight.** Jr. Sprint Class cars, minimum car and driver weight 400 lbs.
- 6. Suspension.** Coil-over shock suspension or torsion bar suspension allowed. **Tread;** Maximum 46 inches. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 52 inches. Minimum 50 inches, center of

front axle to center of rear axle. Rear axle to be steel 1 1/4" min diameter or the new aluminum axle. **Steering:** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.

**7. Shocks.** Aluminum or steel body shocks are legal.

**8. Tires and Wheels.** Wheels to be 8" diameter, steel or aluminum. All four corners of tires are to be Hoosiers. The right rear spec tire is to be the Hoosier Jr. Sprint tire 16.0/8.5/8/8 RD 20. You can groove or sipe all tires. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. Three spoke front wheels may be ran if they are manufactured that way. **NO TIRE DOPING.**

**9. Bodies.** All cars must have complete bodies of Sprint Car design only. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. Mud guards must be aluminum, metal, fiberglass or high impact plastic. There will be no tops or body encasements allowed. Minimum opening on the right side of the car will be 14" from top of roll cage to the top of the mud guard or sissy bar and 16" minimum from front down tube to the back. All mechanically operated devices must be mounted below the driver's shoulders for safety. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.

**10. Transmission.** The drive will be by engine or jackshaft mounted clutch. No axle mounted clutches allowed. No direct drive will be allowed. Chain guards will be made of .060-inch-thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

**11. Wings.** Right side board, maximum 42" x 20" - 35" x 16" minimum. Left side board, maximum 42" x 20" - 35" x 18" minimum. Overall wing size minimum 5.5. The wing cannot be mounted outside the centerline of the tires. Side boards may not extend more than 3" beyond center section and sides must cover center section. All wings must have 1/16" radius edges or edging. No raw edges. No wood except for ribs or spars inside center section. Wings must be constructed at minimum from .016 thick aluminum. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches. **It is your responsibility to check the size of your wing to make sure it is correct.**

**12. Hubs.** Front hubs; Go kart type with 5/8" bearings and 5/16" wheel studs minimum. Rear hubs; Douglas 5 x 130 Go kart type or equivalent or the new aluminum axle and wheels or any new style hub approved by tech inspection.

**13. Engine Rules.** For the motor specs for the Briggs and Stratton World Formula engine, call Total Concept Racing at (405) 799-9204 ask for George, or go to the Port City Raceway website at [www.portcityraceway.net](http://www.portcityraceway.net) to download the engine rules. The ONLY exception is you may run Stainless Exhaust Valves (stock size). You may also run inserted after-market rods (stock size). **The Briggs and Stratton engine is the only engine allowed!** No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. **NO TRACTION CONTROL** of any type specifically listed or not.

# RESTRICTOR

## Specific Rules

**Age.** Drivers age 9-16 may compete in the Restrictor Class. (A driver whose 16<sup>th</sup> birthday falls during the racing season will be allowed to finish the season in which they began accruing points before their birthday. Racing season starts March 1<sup>st</sup>.) If a driver in the Restrictor class chooses to run a higher class at a Port City Raceway points event, they may not run more than 5 races in that higher class. On the 6<sup>th</sup> time, they cannot move back down to Restrictor – EXCEPTIONS: special events will not count as one of the 5 events. (You have to be an eligible age to move up classes)

2. **Roll cage.** Roll cages shall be at least 1 inch .062 wall thickness, or 1 1/8-inch .065 wall thickness, or 1 1/4-inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 inches above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
3. **Electric's and Electronics.** All 600's will be equipped with a fuel loop cut off for SAFETY purposes. If the carburetors/injectors get knocked off of the car involved in a crash, one lead of the loop will automatically open up to kill the fuel pump. (Bob Mosley will have details & a drawing to show to do this). Going forward, some of the ignition manufacturers are looking into doing this possibly with the ignition or crank trigger to work like a mechanical pump, if the motor stops – the fuel pump stops. On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.
4. **Fuel.** Class "A" 600cc powered cars may run methanol. Upper end lubricants are NOT allowed. NITRO products are NOT allowed. Fuel will be checked with a Hydrometer or any other test provided will be performed on all methanol classes.
5. **Weight.** 4-cylinder 600cc powered cars, minimum car and driver weight 725 lbs.
6. **Suspension. Tread;** Maximum 50 inches. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle. **Steering;** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.
7. **Shocks.** Any shock absorber legal, except no cockpit adjustable shocks.
8. **Tires and Wheels.** All cars; Any wheel size and tire combination may be used, but tires may not exceed 22 1/2 inches in height. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. **4 cylinder 600cc cars only; All four corners must be Hoosier tires.** Right rear must be an ASCS2 tire that durometers 45 or harder on Port City Raceway's durometer. Any tire that checks softer than 45 immediately after the race will be disqualified. No cool down time. You may cut, sipe, and groove these tires. **NO TIRE DOPING.**
9. **Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. The minimum opening on the right side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 18" minimum opening from the front down tube to the back. The minimum opening on the left side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 20" minimum opening from the front down tube to the back. All mechanically operated devices must be mounted below the driver's shoulders for safety. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area on multi cylinder cars. If you chose to have an inside pan hard adjuster it must be bolted to where it cannot be moved during a race by the driver. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from

the fuel tank vent in the event of a rollover.

- 10. Transmission.** Four-cylinder motors must have transmission with all stock gears in working order. Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may mount outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .060-inch-thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.
- 11. Wings.** Right side board, maximum 48" x 18". Left side board, 48" x 24". The wing cannot be mounted outside the rear tires. Side boards may be offset but side boards must cover center section. Wings must be mounted parallel with cage. All wings must have 1/16" radius edges or edging. No raw edges. No wood except for ribs or spars inside center section. Nose wings cannot exceed 18"x 24" and must carry car number. Side boards not to exceed 8.5 inches tall and 21 inches long. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. Cars must run a max 10 square-foot fixed wing positioned no further back than the back of the roll cage. The measurement for the wing placement will be taken from the back edge of the center section of the wing, not the sideboards. No cockpit adjustable wings. No splitter multi-staged nose or top wings on Restricted "A" class cars. Wing center section must be one piece. No multi stage top or nose wings. **No offset or twisted center sections.** Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches. 3-inch maximum wicker bill allowed including stock wing turn up.

Wicker Bill  
3 Inches max



Center Section

**EXAMPLE**

- 12. Engine Rules. 4 cycle multi cylinder engines larger than 250cc, but not exceeding 600cc.** NO modifications allowed. Stock engines as the motor was run on the motorcycle with the charging unit. Any valvejob will be allowed as long as the valves and seats remain OEM. No engine work (no ported heads, no lightenedcranks, no cam degreeing, no lightened pistons, and no head cleanup.) Stock pistons only. Any air cleaner will be allowed. Any exhaust will be allowed. Rods, pistons, cams etc. must be stock parts as used on the motorcycle the motor came from. Fuel injection engines are legal with carburetors. 600 Carburetors only. **KingRestrictor Plates & TSO Red Carburetor Adaptors MANDATORY.** Carbs may have metering rods, jets and springs changed to tune the fuel curve to match our cars requirements. Any stock appearing black box with "out" external adjustments must be same engine make. Cam gears that are redrilled, slotted or altered are illegal. Internal charging systems components must remain in the motor. Any sprocket (520 or 530) will be allowed. Only stock or aftermarket fiber clutch disk and springs will be allowed. All metal disk and clutch basket must remain stock. **No current year production engines allowed. Any stock manufactured engine allowed on carburetors with alcohol. Any stock manufactured carburetors may be any make and match. No flat slide carburetors allowed. Stock OEM.**

**EFFECTIVE 2019 RACE SEASON: All stock classes will be allowed to run Electronic or Mechanical Injectors with a mechanical fuel pump with stock OEM throttle bodies or carbs ONLY will be allowed. No mixing of manufacturers. Must be OEM to engine make. OEM boots only with injection. 600 Carburetors only. King Restrictor Plate and TSO Red Carb Adaptor ONLY. Any after market computer controlled adjustable ignition box is legal. Examples: Stock ECU, Guhl flashed, PE3-IG2, PE3-8400, Motek, Power Commander, & Bazzaz. Engine control units are permitted for use with carburetors and Stock Fuel Injection. IF NOT SURE – ASK. No cones will be allowed. No regular rubber hoses will be allowed. Carbs may have metering rods, jets and springs changed to tune the fuel curve to match your cars requirements.**

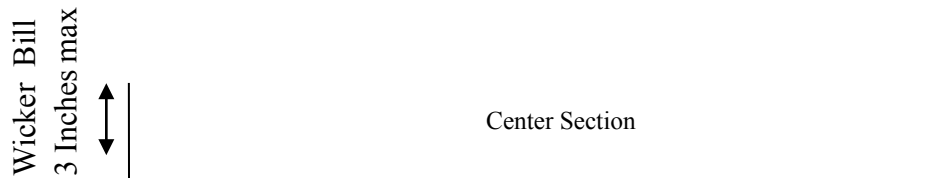
**No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.**

## SPORTSMAN Specific Rules

1. **Age.** Sportsman drivers must be 11 years of age or older. Port City Raceway Inc. holds the right to decide if any driver is not capable of racing at a competitive level. ***You may run in other classes except Outlaw (Unless it is a non-point special event).***
  2. **Tires.** All four corners must be Hoosier tires. Right rear must be an ASCS2 tire that durometers 45 or harder on Port City Raceway's durometer. Any tire that checks softer than 45 immediately after the race will be disqualified. No cool down time. You may cut, sipe, and groove these tires. **NO TIRE DOPING.**
  3. **Weight. 750 lbs.** Car and driver after the race. No leeway.
  4. **Roll Cage.** Roll cages shall be at least 1 inch .062 wall thickness, or 1 1/8-inch .065 wall thickness, or 1 1/4-inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 inches above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
- 5a. Engine Rules. 4 cycle single cylinder engines larger than 250cc, but not exceeding 600cc.** NO modifications allowed. Stock engines as the motor was run on the motorcycle with the charging unit. Any valve job will be allowed as long as the valves and seats remain OEM and are not oversized. Stock cylinder &/or head height. No decking of the cases, per your engine motor specs. No engine work (no ported heads, no polishing allowed, (exception such as the Kawasaki 2008 or newer which came from the factory polished) no lightened cranks, no cam degreasing, no lightened pistons, and no head cleanup.) Stock pistons only. Any air cleaner will be allowed. Any exhaust will be allowed. Crank case ventilation to atmospheric pressure only allowed. Rods, pistons, cams etc. must be stock parts as used on the engine the way it came from the factory. Stock 600cc carburetors allowed from any make or model. **No flat slide carbs.** Carbs may have metering rods, jets and springs changed to tune the fuel curve to match our cars requirements. Any stock appearing black box with "out" external adjustments must be same engine make. Cam gears that are redrilled, slotted or altered are illegal. NO advance timing allowed. Internal charging systems components must remain in the motor and be operational. Engines must be completely stock as it came off the bike with pan modification, oil pick up modification, any air box, & aftermarket washable replacement air filter. Any sprocket (520 or 530) will be allowed. Only stock or aftermarket fiber clutch disk and springs will be allowed. All metal disk and clutch basket must remain stock.
- 5b. Engines:** You may run stock fuel injection or carburetors as it came off the bike, no altering other than air box. No mismatching any year models or manufacturers. Power commanders are allowed (PE3 IG2). Auto tuners may be used but cannot be adjusted from inside the car. No cockpit adjustments allowed for remapping any fuel injection. May run gasoline or methanol. **Engine must be a 600cc 10 years behind current year.**
6. **Fuel:** Methanol, racing gas or pump gas allowed, not to exceed 110 octanes. 0 to negative on the Digitron fuel tester will be permitted. Anything on the positive range will be illegal. **Upper end lubricants are NOT allowed. NITRO products are NOT allowed.** Any questions, you may have us to check it before the races.
  7. **Wheel Base.** Minimum wheel base is 50". Wheel base width is a minimum of 50" measured outside tire edge. Minimum tread width – Center of tires is 32". Maximum is 50".
  8. **Wings.** Right side board, maximum 48" x 18". Left side board, 48" x 24". The wing cannot be mounted outside the tires. Side boards may be offset but side boards must cover center section. Wings must be mounted parallel with cage. All wings must have 1/16" radius edges or edging. No raw edges. No wood except for ribs or spars inside center section. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. **4-cylinder 600cc cars.** Cars must run a max of 10 square-foot fixed wing positioned no further back than the back of the roll cage. The measurement for the wing placement will be taken from the back edge of the center section of the wing, not the sideboards. No cockpit adjustable wings. No split or multi-staged nose or top wings on "A" class cars. Wing center section must be one piece. **No twisted or**

**offset center sections.** Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches. 3-inch maximum wicker bill allowed including stock wing turn up.

#### EXAMPLE



**9. Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. The minimum opening on the right side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 18" minimum opening from the front down tube to the back. The minimum opening on the left side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 20" minimum opening from the front down tube to the back. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area on multi cylinder cars. **If you chose to have an inside pan hard adjuster it must be bolted to where it cannot be moved during a race by the driver.** No Carbon Fiber parts allowed.

**10. Shocks.** Aluminum or steel bodied shocks allowed. No cockpit or cable adjustable allowed.

**11. Titanium.** NO titanium parts allowed.

**12. Brakes.** NO Left front brakes allowed.

### A-CLASS Specific Rules

**1. Age.** Drivers age 13 and up may compete in the "A" Class.

**2. Roll cage.** Roll cages shall be at least 1 inch .062 wall thickness, or 1 1/8-inch .065 wall thickness, or 1 1/4-inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 inches above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.

**3. Electric's and Electronics.** On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.

**4. Fuel.** Class "A" 600cc powered cars may run methanol or gasoline. **Upper end lubricants will NOT be allowed. NITRO products are NOT allowed.** **Fuel will be checked with a Hydrometer or any other test provided will be performed on all classes.**

**5. Weight.** 4-cylinder 600cc powered cars, minimum car and driver weight **775 lbs.**

**6. Suspension. Tread;** Maximum 50 inches. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle. **Steering;** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts



must be secured by some type of locking device.

**7. Shocks.** Any shock absorber legal, except no cockpit adjustable shocks on multi cylinder cars.

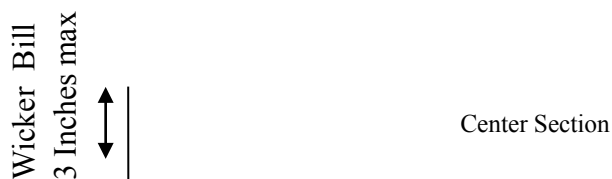
**8. Tires and Wheels. All cars;** Any wheel size and tire combination may be used, but tires may not exceed 22 1/2 inches in height. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. **4-cylinder 600cc cars only; All four corners must run Hoosier tires.** The right rear tire must be an ASCS2 with minimum 45 durometer compound or harder. Tires may be grooved or siped. Tire durometer check will be done immediately after the race. No cool down time. **NO TIRE DOPING.**

**9. Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. The minimum opening on the right side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 18" minimum opening from the front down tube to the back. The minimum opening on the left side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 20" minimum opening from the front down tube to the back. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area on multi cylinder cars. **If you chose to have an inside pan hard adjuster it must be bolted to where it cannot be moved during a race by the driver.** All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.

**10. Transmission.** Four-cylinder motors must have a transmission with all stock gears as manufactured in working order. NO multi-neutral transmissions. Any car equipped with a shifting mechanism must have this device mounted in the drivers compartment. Shift levers may mount outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .090-inch-thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

**11. Wings.** Right side board, maximum 48" x 18". Left side board, 48" x 24". The wing cannot be mounted outside the tires. Side boards may be offset but side boards must cover center section. Wings must be mounted parallel with cage. All wings must have 1/16" radius edges or edging. No raw edges. No wood except for ribs or spars inside center section. Nose wings cannot exceed 18"x 24", and must carry car number. Side boards not to exceed 8.5 inches tall and 21 inches long. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. **4-cylinder 600cc cars.** Cars must run a max of 10 square-foot fixed wing positioned no further back than the back of the roll cage. The measurement for the wing placement will be taken from the back edge of the center section of the wing, not the sideboards. No cockpit adjustable wings. No split or multi-staged nose or top wings on "A" class cars. Wing center section must be one piece. **No twisted or offset center sections.** Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches. 3 inch maximum wicker bill allowed including stock wing turn up.

#### EXAMPLE



**12. Engine Rules. 4 cycle single cylinder engines larger than 250cc, but not exceeding 600cc. NO** modifications allowed. Stock engines as the motor was run on the motorcycle from the factory with the charging unit. Any valve job will be allowed as long as the valves and seats remain OEM and are not oversized. Stock cylinder &/or head height. No decking of the cases, per your engine motor specs. No engine work (NO ported heads, NO polishing allowed, (exception such as the Kawasaki 2008 or newer which came from the factory polished) NO lightened cranks, NO cam degreeing, NO lightened pistons, and NO head cleanup. Stock pistons only. Any air cleaner will be allowed. Any exhaust will be allowed. Crank case ventilation to atmospheric pressure only allowed. Rods, pistons, cams etc. must be stock parts as used on the engine the way the motor came from the factory. Stock fuel injection OEM to OEM (which means, Yamaha on Yamaha, Suzuki on



Suzuki, etc.) You can change fuel nozzles to accommodate methanol. Power commanders are allowed. Auto tuners may be used but cannot be adjusted from inside the car. No cockpit adjustments allowed for remapping any fuel injection. Engines may run carbs instead of stock fuel injection. Stock 600cc carburetors allowed from any make or model. **No flat slide carbs.** Carbs may have metering rods, jets and springs changed to tune the fuel curve to match our cars requirements. **Any after market computer controlled adjustable ignition box is legal. Examples: Stock ECU, Guhl flashed, PE3-IG2, PE3-8400, Motek, Power Commander, & Bazzaz. Engine control units are permitted for use with carburetors and Stock Fuel Injection. IF NOT SURE – ASK.** Cam gears that are redrilled, slotted or altered are illegal. Internal charging systems components must remain in the motor. Any sprocket (520 or 530) will be allowed. Only stock or aftermarket fiber clutch disk and springs will be allowed. All metal disk and clutch basket must remain stock. **No current year production engines allowed.**

**No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.**

**EFFECTIVE 2019 – All stock classes will be allowed to run Electronic or Mechanical Injectors with a mechanical fuel pump with stock OEM throttle bodies. No mix or matching of makes & models.**

#### **NON-WING Specific Rules**

- 1. Age.** Drivers age 13 and up may compete in the "NW" Class.
- 2. Roll cage.** Roll cages shall be at least 1 inch .062 wall thickness, or 1 1/8-inch .065 wall thickness, or 1 1/4 inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 inches above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
- 3. Electric's and Electronics.** On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.
- 4. Fuel.** . Class "A" 600cc powered cars may run methanol or gasoline. **Upper end lubricants will NOT be allowed. NITRO products are NOT allowed.** Fuel will be checked with a Hydrometer or any other test provided will be performed on all classes.
- 5. Weight.** 4-cylinder 600cc powered cars, minimum car and driver weight 750 lbs.
- 6. Suspension. Tread;** Maximum 50 inches. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle. **Steering;** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.
- 7. Shocks.** Any shock absorber legal, except no cockpit adjustable shocks on multi cylinder cars.
- 8. Tires And Wheels. All cars;** Any wheel size and tire combination may be used, but tires may not exceed 22 1/2 inches in height. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. **4-cylinder 600cc cars only; All four corners must be Hoosier tires.** Right rear must be an ASCS2 tire that durometers 45 or harder on Port City Raceway's durometer. Any tire that checks softer than 45 immediately after the race will be disqualified. No cool down time. You may cut, sipe, and groove these tires. **NO TIRE DOPING.**

- 9. Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24 gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. The minimum opening on the right side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 18" minimum opening from the front down tube to the back. The minimum opening on the left side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 20" minimum opening from the front down tube to the back. All mechanically operated devices must be mounted below the driver's shoulders for safety. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area on multi cylinder cars. If you chose to have an inside pan hard adjuster it must be bolted to where it cannot be moved during a race by the driver. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.
- 10. Transmission.** Four-cylinder motors must have transmission with all stock gears in working order. Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may mount outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .090-inch-thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.
- 11. Wings.** No top or nose wings are allowed.
- 12. Engine Rules: Same as A-Class.**

**No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.**

### **OUTLAW Specific Rules**

- 1. Age.** Drivers age 14 and up may compete in the Outlaw Class. Promoter's discretion if a younger person is capable of competing in this class. Outlaw drivers will NOT be allowed to race in the Restrictor or Sportsman Class – NO EXCEPTIONS.
- 2. Roll cage.** Roll cages shall be at least 1 inch .062 wall thickness, or 1 1/8-inch .065 wall thickness, or 1 1/4 inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
- 3. Electric's and Electronics.** On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.
- 4. Fuel.** Outlaw Class 640cc powered cars may run approved gasoline or methanol. **Upper end lubricants will NOT be allowed. NITRO products are NOT allowed.** Fuel will be checked with a Hydrometer or any other test provided will be performed on all classes.
- 5. Weight.** Outlaw Class minimum car and driver weight **775 lbs.**
- 6. Suspension. Tread;** Maximum 50 inches. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle. **Steering;** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts

must be secured by some type of locking device.

**7. Shocks.** Any shock absorber legal.

**8. Tires and Wheels.** Any wheel size and tire combination may be used, but tires may not exceed 22 1/2 inches in height. **All four corners must be a Hoosier tire.** Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. **NO TIRE DOPING.**

**9. Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. The minimum opening on the right side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 18" minimum opening from the front down tube to the back. The minimum opening on the left side of the car will be 10.5" from the bottom edge of the top roll cage to the top of the mud guard or sissy bar and a 20" minimum opening from the front down tube to the back. All mechanically operated devices must be mounted below the driver's shoulders for safety. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.

**10. Transmission.** Any type transmission is legal. Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may mount outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .090-inch-thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

**11. Wings.** Center section no more than 48X48 square and must be parallel with the roll cage. Right side board, maximum 54" x 24". Left side board maximum, 54" x 26". The wing cannot extend beyond tire as driven. All wings must have 1/16" radius edges or edging. No raw edges. No wood except for ribs or spars inside center section. Nose wings cannot exceed 18"x 32", and must carry car number. Side boards not to exceed 10 inches tall and 21 inches long. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches.

**12. Engine Rules.** Any multi-cylinder 4 cycle engine larger than 250cc, but not exceeding 640cc. Must have cockpit operated electric starter, lever manual clutch in car and on-board battery capable of starting the engine. Must also remain chain-driven off of the original countershaft. Any other modifications allowed. No current year production engines allowed.

**No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.**

#### **NON-WING OUTLAW Specific Rules**

**All rules are the same as Outlaw Class except for weight – same as A Class Non-Wing class 750 lbs. Car & Driver.**

**TURF TIRE CLASS**  
**(formerly Masters**  
**Class)Specific Rules**

1. 12 years or older prior to start of race season.
2. RACECEIVER IS MANDATOY.
3. You CAN run in Sportsman & A-class @ our track as long as you meet age requirements. You CANNOT run Outlaw class. (Exception - non point events)
4. Wings. Non-Wing Only
5. Tires. Turf Tires on all four (4) corners – old style (No Hoosiers or Racing Rubber).
6. Wheels: Bead locks allowed, sipping or grooving of tires is allowed. No Electronic Bleedersallowed.
7. Shocks. Adjustable shocks will be allowed – one (1) adjustment point only. No cable or cockpit adjustments.
8. Fuel. Methanol will be allowed but not mandatory. NO FUEL ADDITIVES OF ANY TYPE ALLOWED.
9. Ignition. Engine must be 12 years behind current year. Stock ignition and coils that come on motor of choice. Stock cams as they come on original motor. No slotted or moved cam gears.Charging system must work.
10. Bodies: No carbon fiber or titanium parts allowed. All cars must have (2) number plates with the car # mounted @ the top back corner of the roll caging facing out. These #'s must be at least6 inches tall.
11. Brakes: NO left front brake.
12. Weight. 1999 & Older motors must weight 750 lbs. 6R, R6, RR, GSXR motors must weigh 800lbs. (Weight must be displayed on left side of cowling.)
13. Claim Rule. There will be a \$1400.00 motor claim rule. \$1300.00 to claimed motor owner & \$100.00 to PCR Technician. Twelve cars must take the green flag in the “A” feature for this to be in effect.
14. This class will run an 8 lap heat race & a 15 lap A Feature with a 15 minute time limit. You will be lined up in your heats by Pill Draw and receive passing points. The features will line up by passing points with a random draw of 0-2-3 for top 6 invert.

## **Protest Fees and Penalties (All Classes)**

### **1. Protest**

- A.** A formal protest will be verbally accepted by the promoter from a car owner or driver only if his/her car was in a race with the car being protested. Money must be accompanied with a written protest no longer than 15 minutes after completion of the race program.
- B.** Only the driver and/or owner of the protested car along with one representative only of the protesting party is allowed in the tech area.

### **2. Protest Fees**

- A. Fuel: \$300.00** (If car is found legal the person being protested will get \$100.00, track will receive \$200.00)
- B. Ignition Box: \$400.00** and swap box (Sportsman only)
- C. Engine: \$1000.00** Remove cylinder head, measure bore's stroke, identify piston, verify cylinder length, check cam timing and cams, and check ignition timing and box. (\$700.00 goes to protested party if found legal, and \$300.00 goes to the inspector or track)
- D. All of the above: \$1600.00** All the above plus remove engine, remove pan, and verify crank and rods. (\$1000.00 goes to protested party if found legal, and \$350.00 goes to the inspector & \$250.00 goes to the track)
- E. Wing and chassis protest \$150.00.** (If found legal the person being protested will get \$100.00, track will receive \$50.00)
- F.** If protest is upheld & car is found illegal, money is returned to protesting person except for fees.
- G.** If protest car is found legal; money is awarded to protested car and tech inspector.
- H. If a protest is refused; you will lose all money for that event & all accumulated points for the entire season and will be barred from that class for the rest of the year. (you may run in a different class)**
- I.** Anything not listed the protest fee will be **\$350.00** minimum.
- J. Any protest, the person found illegal will be responsible for paying the tech fee.**

### **3. Penalty**

#### **y Engines:**

Any engine found to be illegal in ANY way or you refuse a protest, this will result in loss of money for that night of racing and all points accumulated from opening night to the night found illegal/refused and result in two weeks suspension. Second offense will result in the remainder of the racing season. **Restrictor class: any doubt concerning restrictors being legal or not you should ask to have an official check them before the program starts.** Restrictors found to be illegal will be disqualified for the night, and this also results in loss for all points and money earned that night. A second offense in illegal restrictors will result in loss of points for the year and money for that night and two weeks suspension.

**Effective 2015, any illegal engine parts found, will be confiscated by PCR. These items will not be returned.**

#### **General Penalties: (such as tires, wing, adjusters, etc.)**

Anybody that is found illegal on any of the above items or any items that are not covered will be finished for that night's program, lose all points and money for that night. This means if you are caught after the heat race you are done and will not run in any feature event for that night!

For any class in which there is a protest, all money will be held until protest is resolved.

The Technical Committee reserves the right to demand inspection of any part of a racecar for the purpose of determining legality, without protest fees. This will be done at the owner's expense.

**PCR reserves the right to change any rule at anytime if needed!!**

## FLAGS

**GREEN** – Starting: The race is on.

**YELLOW** – Caution: No passing, slow to parade speed immediately, hold your position, and close up single file with one car length between you and the car in front of you.

**RED** – Stop at once.

**BLACK** – Go immediately to the infield: Disqualifies driver and car for that race.

**WHITE** – One lap to go.

**CHECKERED** – Race is over.

## POINTS SYSTEM

<u>Heats</u>		<u>A Features</u>		<u>B Features</u>	
1 <sup>st</sup>	30 points	1 <sup>st</sup>	79 points	1 <sup>st</sup>	24 points
2 <sup>nd</sup>	25 points	2 <sup>nd</sup>	76 points	2 <sup>nd</sup>	23 points
3 <sup>rd</sup>	20 points	3 <sup>rd</sup>	73 points	3 <sup>rd</sup>	22 points
4 <sup>th</sup>	15 points	4 <sup>th</sup>	70 points	4 <sup>th</sup>	21 points
5 <sup>th</sup>	10 points	5 <sup>th</sup>	67 points	5 <sup>th</sup>	20 points
<u>Dash</u>		6 <sup>th</sup>	64 points	6 <sup>th</sup>	19 points
1 <sup>st</sup>	5 points	7 <sup>th</sup>	61 points	7 <sup>th</sup>	18 points
2 <sup>nd</sup>	4 points	8 <sup>th</sup>	58 points	8 <sup>th</sup>	17 points
3 <sup>rd</sup>	3 points	9 <sup>th</sup>	55 points	9 <sup>th</sup>	16 points
4 <sup>th</sup>	2 points	10 <sup>th</sup>	52 points	10 <sup>th</sup>	15 points
		11 <sup>th</sup>	49 points		
		12 <sup>th</sup>	46 points		
		13 <sup>th</sup>	43 points		
		14 <sup>th</sup>	40 points		
		15 <sup>th</sup>	37 points		
		16 <sup>th</sup>	34 points		
		17 <sup>th</sup> -	31 points		
		18 <sup>th</sup> -	29 points		
		19 <sup>th</sup> -	27 points		
		20 <sup>th</sup> -	25 points		

**The above points will be awarded for FINISHING positions only. Passing points are for lineup purposes only.**

The point schedule listed above for the B Features will be awarded to the **non-transferring** cars from each BFeature race beginning with the 1st non-transferring car to receive 24 points.

## PASSING POINTS SYSTEM

	Start												
	1	2	3	4	5	6	7	8	9	10	11	12	
1	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	
2	91.5	93.0	98.0	103.0	108.0	113.0	118.0	123.0	128.0	133.0	138.0	143.0	
3	83.0	84.5	86.0	91.0	96.0	101.0	106.0	111.0	116.0	121.0	126.0	131.0	
4	74.5	76.0	77.5	79.0	84.0	89.0	94.0	99.0	104.0	109.0	114.0	119.0	
Finish	5	66.0	67.5	69.0	70.5	72.0	77.0	82.0	87.0	92.0	97.0	102.0	107.0
6	57.5	59.0	60.5	62.0	63.5	65.0	70.0	75.0	80.0	85.0	90.0	95.0	
7	49.0	50.5	52.0	53.5	55.0	56.5	58.0	63.0	68.0	73.0	78.0	83.0	
8	40.5	42.0	43.5	45.0	46.5	48.0	49.5	51.0	56.0	61.0	66.0	71.0	
9	32.0	33.5	35.0	36.5	38.0	39.5	41.0	42.5	44.0	49.0	54.0	59.0	
10	23.5	25.0	26.5	28.0	29.5	31.0	32.5	34.0	35.5	37.0	42.0	47.0	
11	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0	35.0	
12	6.5	8.0	9.5	11.0	12.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	

### LINEUPS:

*All heat races will line by Pill Draw utilizing the above passing point format. We will line up all feature races by Passing Points earned from the Heat Races. We will use a RANDOM draw for the top 6 in passing points for all A features. All season Point Races will be lined up this way. The RANDOM draw will consist of 3 options: "0" – no invert 2 – invert 2 rows & 3 – invert 3 rows.*

**PCR reserves the right to change any rule at anytime if needed!!**

## PARKING SPOTS

Parking spots that you have purchased for the race season are a USAGE reserved spot. **If you are not in your spot 1 ½ hours before the scheduled start of the event without notice that you are running late or will not be there, your spot will be utilized for other racers.** If you miss 3 events in a row without notifying the track, your reserved spot can be reassigned. NO REFUND. You cannot take it on yourself to loan or sub-lease your reserved spot without notification to the track officials prior to the event. Please make sure you contact the track @ 918-438-7856 if you are running late or will not be able to make it to prevent losing your spot.

**NOTE: All spots for the Turnpike Challenge, T-Town Showdown & Sooner State 55 are open. There will be NO RESERVED PARKING for these three events.**

## ENGINE CLAIM RULES

1. Engine Claiming Rules. There will be a \$1200 Turf Tire "A" Main (engine only) claim on the first three finishers by the 10<sup>th</sup> finisher forward on the same lap. If the engine is damaged, you will be required to pay. If your engine is claimed, you will retain the complete exhaust system including the exhaust nuts, the carburetors or fuel injection system and air cleaners, the coils and spark plug wires, the CDI (black box), the voltage regulator and the wiring down to where it plugs into the engine or into the connectors coming from the engine, the shift lever, the chain drive sprocket & bolt/nut, chain guard designed to protect engine from broken chain plus all of the mounting plates and bolts, etc. required to mount the engine. Aftermarket parts including: Carburetor Boots, Thermostat Housing, Water Pump Housing. (One claim per year, per driver)
2. The person & the PCR Tech removing the engine will unplug all wiring and unhook all hoses at the engine. Do not cut wiring or hoses. Any driver, owner or crew who tries to damage the engine, car or parts of the opposite party while the engine is being removed for a claim will be subject to fines, suspension, or disqualification as deemed appropriate. (You need to remember that when you sign in at the races each night with a Turf Tire Class 600cc four cylinder engine, you are agreeing to have your engine claimed.) If two people claim the same engine, the highest finisher of the two would get the engine. When requesting an engine claim, the \$1200.00 must be presented in cash only. Absolutely no personal, company checks or credit cards will be accepted for claiming purposes.
3. If you refuse the claim, you lose all monies for that night & all points for the year. You will not be allowed to run that for the remainder of the current year. However, you may run in another class.
4. Special Claim information: If a motor is claimed, the numbers on the motor will be logged by a PCR technician. That motor has to be ran by the driver claiming it the next time that driver runs in that class at PCR (no exceptions). After that one run, they can change motors.

EFFECTIVE 2022 SEASON: Sportsman Class will have a \$2000.00 engine claim rule.