



2026 OFFICIAL RULE BOOK

6670 Mooresville Rd • Salisbury, NC 28147

www.MillbridgeSpeedway.com • 704-701-1665

Overview

Millbridge Speedway 2026 Classes

- Cadet
- Beginner Box Stock
- Box Stock
- Jr Wing
- Jr Sprints
- Restricted Micro Sprints
- Micro Sprints
- Buggies
- Intermediate
- Open Division

Contact Information

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Physical Address	Mailing Address
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Website / Information

- www.MillbridgeSpeedway.com
- www.Facebook.com/MillbridgeRacin

Disclaimer

Millbridge Speedway is a competitive race track which is intended to conduct and officiate in accordance with the rules herein. These rules provide a guideline for all to follow at each event. The rule book may be amended from time to time and special rules may be published throughout the year or at a particular event. By participating in an event at Millbridge Speedway or a separate Burnett Promotions event, all participants agree to comply with these rules and regulations.

NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND REGULATIONS. They are intended as a guideline to conduct the officiating of an event and are in no way a guarantee against injury or death of a participant, spectator or official.

The Series Director is permitted at any time to make a reasonable and/or appropriate amendment from any of the specifications herein or change any restrictions that, in his opinion, do not alter the minimum acceptable requirements. Any interpretation of these rules herein are left to the discretion of the series officials and their ruling is final.

Any visible equipment changes and/or performance enhancing changes to previously approved karts and/or equipment MUST be approved by track officials before competition. Millbridge Speedway officials reserve the right to determine the legality and use of any equipment that has not been approved prior to competition.

The Promoter reserves the right to alter, revise or adjust any and all penalties according to terms of circumstances or severity of the infraction. The Promoter's decision is FINAL.

Drivers and parents of minors are responsible to read and understand the rules and regulations set forth in this rule book.

YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU AND YOUR KART. It is ultimately the obligation of each participant to ensure their conduct and equipment complies with all the applicable rules, as they may be altered from time to time. The rules are in no way a guarantee against injury and/or death to participants, spectators, officials and/or others.

General Rules

ALL CLASSES

1. All cars must be approved by race director prior to competition.
2. No chemicals allowed on any tire in any division. All Millbridge Speedway classes are subject to tire testing at any time.
3. Kart tires must be kart type tire and approved by series official. Not to exceed 6" diameter.

4. Cages are mandatory and must be for the protection of the driver.
5. Bodies can be any material except wood. No sharp edges or protruding parts
6. All karts must have a wing, hood, and a tail.
7. No bars may extend out past the outer edge of the tire except nerf bars.
8. All cars must have numbers on both sides of the wing and/or tail and must be legible from the scoring tower or they will not be scored.
9. Duplicate numbers must have a letter. The letter must be legible.
10. No Front Wings allowed in any kart class.
11. Traction Control Devices & Ratcheting Hubs are not permitted during ANY event, in ANY class at ANY time. Must be a live rear axle.
12. Axles cannot be made from any exotic materials. No Carbon or Titanium.
13. No mirrors of any kind allowed in any division.
14. No radios or communication devices are allowed to the driver.
15. Raceceiver communication devices from the tower only are the only communication permitted.
16. Kart Divisions only. No wheel travel permitted of any kind. Axle and spindles must be solid mounted. Can not "float" or move in any direction. All hardware that attaches the axle and spindles to the frame must be tight. No springs, shocks, torsion bars or any component allowed to help or limit wheel travel while on track.
17. All divisions must have mufflers. Refer to specific classes for spec mufflers.
18. Cadet, Beginner Box Stock, Box Stock, JR Wing, and Buggy divisions. If caught with illegal tires driver and team will be DQ'ed and suspended for 2 events with \$500 fine and 4 new tires must be purchased. 2nd offence will result in a 1-year suspension and a \$1000 fine and tires destroyed. 3rd offence driver and owner will be banned.

Suspension will be for the division that failed the tire test and must include the next points event in that series (example: DQed and Suspended from box stock on a Tuesday. Suspended for at least 1 Box Stock Tuesday race)

19. Tire Sampling will be performed by Blue Ridge Labs. Results from Blue Ridge Labs are official. There will be no appeal process.
20. Driver/Team will not be able to return to competition until the suspension has been served and fine has been paid. Race suspension will be for the very next events on the calendar after results are official.

21. ALL outlaw kart classes. You will not be permitted to race without a nerf bar or bumper. If one falls off your kart during the race you will be black flagged and sent to the pits.

B

1. Working RaceCeivers are MANDATORY IN EVERY DIVISION. If your RaceCeiver does not work, you will be sent to the pits.
2. Transponders must be installed and in working order. If your transponder does not work, you will not be scored.
3. Transponders must be mounted on the steering shaft support bar directly in front of the seat closest to the floor pan. (If mounted in the incorrect spot and a close finish is scored you will be put behind the other finisher)

Weight

1. All cars must meet the designated minimum weight in their perspective class.
2. Any additional bolt on weight is permitted but must be fastened in a secure manner and must be painted white and must have the kart number wrote on it.
3. It is YOUR responsibility to make sure your kart meets the minimum weight each week per track scale.
4. All transfer cars or top 3 in each heat race will weigh and the top 5 in the features must weigh after the event.
5. If your kart is deemed to light after the heat race/qualifying, you will have to start at the tail of the field in the next on track event. If your kart is deemed too light at the conclusion of the feature, you will be DQ'ed and lose points for that night of racing. (Additional penalties or assessments may occur at the discretion of track officials).

Safety

- a. YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU AND YOUR KART.
- b. Brakes must be always in good working order. Kart will be parked if not.
- c. Kill Switches are recommended in all classes! Karts must also have a 6" nylon tie attached to the spark plug wire.
- d. Aluminum high back seats are Mandatory. The top of the seat should be in the middle of the driver's head.
- e. All karts must be equipped with at least a 5-point harness to restrict body movement. Karts are subject to inspection and is at the discretion of track officials whether it is safe enough to compete.

- f. Approved neck braces or neck restraints are mandatory.
- g. Helmets must be SNELL approved and must fit the driver's head correctly. Millbridge officials have the right to determine if a driver's helmet is safe enough for competition.
- h. Racing suits are highly recommended. No shorts or cut-off pants allowed.
- i. Arm Restraints are Recommended in every class.
- j. Roll Cage must be securely fastened at 4 locations with at least grade 5 bolts.
- k. The driver's body must be completely inside the roll cage and have at least 2 inches clearance above the driver's head.
- l. Knee Knockers or padding around the steering column is recommended.
- m. Chain Guards, designed to protect the driver in the event of a chain failure are Mandatory.
- n. Helmets and all safety gear must be worn.
- o. Safety is Millbridge Speedway's number 1 concern. So please make it your number 1 concern as well.
Be Smart!!
- p. All classes must utilize a sprint car style rear bumper. No square flat kart style bumpers allowed. Must extend back a minimum of 7" from end of frame rail. (Bumper design must be approved by track management).

Entry Fees

- All Classes will have a \$25 entry fee.

Race Procedures

- a. Pill draw closes 15 minutes prior to drivers meeting. If you do not pill draw you will not get to qualify.
Applies for all classes.
- b. The race will begin as soon as the racing surface is clear and the karts in in the proper starting position.
- c. Any driver/team who is not in the grid area on time and hold up the start of the race, will start from the rear of the field.
- d. Any driver to visit the "Hot Pit" at any time during the event, even before the race begins after they were on the racing surface they will go to the tail of the field.
- e. During the A main ONLY drivers will be given 90 seconds in the hot pit 1 time only. IF you do not roll in hot pit before the leader takes the 1 to go signal you will not be allowed to enter the speedway until the next yellow flag. Only the caution cars will be given 90 seconds under that caution.

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Teams can pit during that time but will not have guaranteed time unless they were the cause of the caution.

- f. There will be NO guaranteed time in the work area with 5 or less laps to go in the feature.
- g. All classes will have 8 lap heat races, B mains are 12 laps, A main 20 laps.. (Cadet will run 6 lap heat. C or B mains will be 10 laps. A mains will be 12 laps.)
Non-Wing Micros will have 8 lap heat races and a 30-lap feature
- h. All starts and restarts must take place at a consistent speed.
- i. Both front row cars are responsible for an even and clean start. Consistent speed will be at the discretion of track officials.
- j. Initial starts will be at the striped line/cone on the wall in turn 4. The flag man starts the initial start and it will be at this point. Both front row cars must be side by side at this point.
- k. In the event the race is not properly started by the two (2) front row cars, the responsible car(s) will be moved to the second row. Failure to acknowledge and comply with the "move back" signal may result in disqualification from that race. This is at the track official's discretion. Driver will get (1) warning. Second offence will result in the penalty.
- l. Restarts will be between the stripe in turn 3 and the stripe in turn 4. The leader will dictate where they want to start from in this designated area.
- m. The field must remain single file in position until the cone on restarts and cannot pass until they pass the cone at the start/finish line. If someone jumps before the cone a caution will come out and they will be docked 1 position from their initial starting spot. If the same kart jumps the start again, they will be put to the rear of the field. (If another car is caught passing before the cone and a yellow does not come out, they will be docked 2 positions at the next yellow or the end of the race).
- n. Under no circumstances is any crew member, family member etc. allowed on the track during an event unless directed so by a track official. Result will either be a DQ or that said kart will restart at the tail of the field. This includes, green flag, Yellow flag, or even Red Flag conditions.
- o. Only when the car comes to a complete stop after the races are over will anyone be allowed on the racing surface for victory lane celebrations etc. Failure to comply will result in a DQ.
- p. Any kart to stall and need assistance restarting will go to the rear. Track officials may make an exception. This is at the track official's discretion. (Does not apply to Tuesday Night classes, IF a track official restarts the kart only. If a crew member enters the racing surface without being asked, that kart will go to the rear.) Each kart gets 2 times for track workers to start the kart. If it happens a 3rd time, the kart will be parked for that event.

- q. If a kart/car spins and keeps going or is in harm's way due to an incident but, the caution comes out for that incident, driver will go to the rear of the field.
- r. In the result of a Red Flag, karts will be stopped on the track. Once the incident is cleared, 1 crew member per kart will be allowed to enter the racing surface to start their kart. (Only when/IF directed by series officials.) If any adjustments to the kart are seen that kart will go to the rear of the field.
- s. During Green flag conditions no one is allowed to stand in the "Hot Pit" area or on the entrance or exit of the track. There will be designated areas to stand in during on track action.
- t. NO one is allowed in the infield during the races at any time.
- u. Reckless driving will not be permitted. If you intentionally cause a wreck or wreck someone else under green or yellow, you will be parked. Multiple offences will result in loss of points and suspension.
- v. For any protest the team must finish inside the top 4 to protest. No finisher outside the top 4 will be allowed to protest. Each team is only allowed 2 protests per season. Engine protest fee will be \$250. \$200 goes to the team that wins the protest, \$50 goes to the tech man.
- w. Protest fee for tires. \$250 Also, the Protester must send off the same tire of his own to be sampled as well. If the team protested is LEGAL, they receive \$50. If they are ILLEGAL, the Protester gets \$50 back.
- x. Previous race winners will start 6th place. (If the previous winner is not starting in the top 6th, they will keep their original starting position.)

Flags

- 1. Green Flag. When the green flag is displayed the track is open for racing. The Green flag signifies the start of any race or qualifying session. Passing is not permitted before the green flag is displayed at the designated point.
 - a. Double File Starts. The two lead karts must stay side by side, at medium speed, until reaching the starting area where the green flag is displayed. All starts are at the discretion of track officials and their call is final.
 - b. Single File Re Starts. Restarts will be single file, the lead car can start the race between the striped cone in turn 3 and the striped tire in turn 4. Must remain single file until the cone at the start/finish line and must go to the outside of the cone.
- 2. Yellow Flag. CAUTION. When the Yellow flag comes out SLOW DOWN. We do NOT race back to the start/finish line. Stay in single file formation. Track officials will sort out the lineup via RaceCeiver. If you do not cooperate you will not get your spot.

3. Red Flag. Stop as soon as safely possible. Do not drive through the accident scene. Failure to observe the Red will result in driver being parked.
 - a. NO ONE is allowed on the racetrack at this time! If a crew member, family member, etc comes on the racetrack, your kart will be sent to the rear of the field.
4. Black Flag. Proceed to pit area. Your kart is no longer being scored. This flag is a result of rough driving, loose or broken parts, etc... If your muffler falls off and we see it you will be black flagged. (Jr Wing, Box Stock, Beginner and Cadet ONLY).
 - a. If you get the curled black flag pointed at you this is a warning for rough driving, and we will be watching you. Play Nice!!
5. Blue with Yellow Stripe. Hold your line. The leaders are coming to lap you. Please be courteous to them.
6. White Flag. One more lap to the finish.
7. Checkered Flag. The race is officially complete.
 1. Drivers who are involved in the cause of the caution/red will be put to the rear of the field. If you stop or your kart spins, faces the wrong way, or if you need assistance, you will be put to the rear. At track official's discretion. (Does not include debris cautions)
 2. If a kart/car does a 360 and keeps going resulting in a caution. That kart/car will be sent to the tail.
 3. There will be a 3-spin rule. If you are involved in 3 cautions in any event assisted or unassisted, you will be parked. The official count is at the race director's discretion.
 4. No refunds will be issued once your kart reaches the track.

Tech Area

1. ALL KARTS MUST BE STOPPED AND SHUT OFF before entering the tech area. If you drive over the scales, you will be DQ'ed
2. After the races are over only the driver and one crew member may be in the tech area to assist with their kart getting through the scales and tech area.
3. If an engine is in the shed being checked, only that person and 2 crew members of that kart will be allowed in the tech area. NO ONE ELSE IS ALLOWED IN THE TECH AREA AT THIS TIME. Any arguing with the tech officials will result in a DQ.
4. The top 3 karts must remain in the tech area until cleared by tech officials ONLY. If your kart leaves this area, you will be DQ'ed.

Unsportsmanlike Conduct

1. Fighting at Millbridge Speedway will result in suspension.

2. Any display of unsportsmanlike conduct (on or off track) will result in a Fine, Suspension, and Immediate Removal from grounds, Point Penalties, or All of the above.
3. Rough driving will result in docked positions, fine or black flag. Drivers and Crew members observed verbally or physically abusing other drivers and/or officials will result in loss of points, fines and/or suspension. NO EXCEPTIONS!

Points System

1. Points will be given to everyone who signs up and enters an event.
2. Points will be awarded to the kart owner/number. You may have (2) substitute drivers throughout the year.

Points Structure for all races. Classes that normally start 16 cars points will stop at position 16. ALL NON-TRANSFER CARS for Outlaw Kart/Kart classes will receive 50 points.

1st 100, 2nd 95, 3rd 92, 4th 89, 5th 86, 6th 83, 7th 80, 8th 77, 9th 74, 10th 71, 11th 68, 12th 65, 13th 62, 14th 59, 15th 56, 16th 53, 16th 50, 17th 47, 18th 44, 19th 41, 20th 38, 21st 35, 22nd 32. All Non-Transfer Non-Wing or Wing Micros will receive 30 points.

Heat race winners will be awarded 2 points.

Fast time in all divisions will also be awarded 5 points.

1. Any violation of technical rules or equipment shall result in the driver being disqualified. No points will be awarded.
2. Only Performance enhancing infractions will result in a 0. Safety or other DQ's will be subject to track official discretion. And/or 2nd time offences will be subject to a 0.
3. Any driver to be black flagged during an event will still receive last place points.
4. Any Box Stock or Beginner Box Stock to lose or break an exhaust pipe will be penalized and receive last place points.

Class Rules

Open Division: The minimum driver's age is 12 years old. Track officials may make an exception. Driver must be approved in advance to compete.

1. 550cc max two stroke engines or 510cc max four stroke engines are allowed.
2. Four Stroke must be under 510cc single cylinder engines.
3. Two Stroke must be under 550cc single cylinder engines.

4. Single Carburetor, No Supercharger, no turbos.
5. Weight Rule: Two Stroke karts minimum weight 450lbs, Four Stroke karts minimum weight 475lbs.
6. Karts must run Hoosier treaded tires. Any compound tire is allowed. No alterations to tires or chemicals allowed.
7. Tires will be sampled by Blue Ridge Lab. All results from Blue Ridge are official.
8. No panels or air deflection devices of any kind allowed on the nerf bars. (Rock Guards or devices to protect the exhaust pipe/electronics will be permitted with prior approval from track)
9. Wing Panels may not exceed the following dimensions.
 - a. Right Side wing panel may not exceed 48" long or 20" tall at any point
 - b. Left Side wing panel may not exceed 48" long or 28" tall at any point
 - c. Center Section may not exceed 41" wide at any point
10. Floor Pans cannot extend beyond the frame rails and cannot extend past the rear seat mount on the frame.
11. No Methanol or Ethanol allowed.
12. All Body rules will be subject to track official discretion.

Intermediate Class: The minimum driver's age is 10 years old. Track officials may make an exception. Driver must be approved in advance to compete.

1. 250F Engines must be stock stroke, stock bore.
2. 250F powered karts must weigh 415lbs based on the racetrack scales.
3. 250 two stroke engines must be stock stroke, stock bore.
4. 250 two stroke karts must weigh 430lbs based on the racetrack scales
5. 125cc-145cc max kart must weigh 375 lbs. based on the racetrack scales.
6. Karts must run Hoosier treaded tires. Must run a Hoosier D50 on the Right Rear. No alterations to tires or chemicals allowed.
7. No front wings or air directional devices allowed.
8. No sail panels permitted on right side of the roll cage. Left Side sail panels are allowed but cannot extend beyond the rear cage.
9. No panels or air deflection devices of any kind allowed on the nerf bars.

10. Wing Panels may not exceed the following dimensions.

- a. Right Side wing panel may not exceed 48" long or 20" tall at any point
- b. Left Side wing panel may not exceed 48" long or 28" tall at any point
- c. Center Section may not exceed 41" wide at any point

11. Floor Pans cannot extend beyond the frame rails and cannot extend past the rear seat mount on the frame.

JR Wing Division

This Rules Package Is Based On The 2026 Briggs & Stratton 206 Engine Platform Below Are The Only Allowed Changes From Those Rules

1. Carburetor

a. The Carburetor Will Be Converted To Run On Methanol

b. Modifications Listed Below Are The Only Allowed Changes And Parts will Be Compared To A Know Stock Part

- Main Jet Hole Size Is Not A Tech Item But Main Jet Must Originate From Stock Main Jet
- Low Speed Jet Hole Size Is Not A Tech Item But Low Speed Jet Must Originate From Stock Low Speed Jet
- Main Fuel Nozzle Through Hole Is Non-Tech With No Other Modifications To The Nozzle
- There Are Two Methanol Needle Jets Available From Briggs & Stratton And One Of The Two Must Be Used Without Modifications

1. PT# 555649 (DID)

2. PT# 555691 (BHA)

2. Fuel

Must run unaltered methanol fuel. Fuel must pass the distilled water test. If fuel is cloudy it will result in a DQ. Fuel samples will be sent to Blue Ridge Lab for testing purposes. No additives allowed. Fuel will be checked at each event. The first time caught with illegal fuel will result in a DQ for the event. 2nd offence will result in a 1-week suspension and a \$200 fine.

3. Air Filter

a. Any Air Filter Permitted

b. Air Filter Must Mount Directly To Carburetor

c. Filter May Not Be Used As An Air Ram And Must Filter From All Areas As Raced

d. Any Open Areas In Filter Must Be Covered With Filter Sock

4. Cylinder Head

a. Modifications Listed Below Are The only Allowed Changes All Other Dimensions And 206 Rules Will Apply

b. The Cylinder Head Gasket Surface Can Be Machined

c. There Will NO longer Be A Overall Minimum Head Thickness Check Only A Combustion Chamber Minimum Depth Of .300 Inches Minimum

d. Any Single Or Dual Valve Spring Allowed

e. Any Aluminum Or Steel Retainers Allowed No Titanium Retainers Allowed

5. Head Gasket

a. Cometic H3590040S MLS Head Gasket (BSA-304-40 Dyno Cams Number) Must Be Used With No Gasket Sealer To Be Used

6. Flywheel / Ignition System

a. Stock Unaltered Flywheel With Stock Unaltered Plastic Flywheel Fins

b. Offset Key Or No Flywheel Key Is Optional There Will Be No Ignition Timing Rule

c. Ignition Coil Will Be Changed To Briggs PT# 557125 "Red" 7100 RPM Coil

7. Engine Block And Piston

a. Crankcase Seals Will Be Removed And No Longer A Tech Item

b. Block Deck Surface May Be Machined And Piston Pop-up Cannot Exceed .035" Above The Deck Surface. When Measuring Piston Pop-up use a .500" Square Bar Stock On Parallel With Wrist Pin And Use Dial Indicator To Check Pop-up In Center Of Bar

c. Piston Will Be Changed To Briggs World Formula Piston And Must Remain As Supplied From Factory. Two Sizes Will Be Approved For Use

- PT# 557121 Std. Bore
- PT# 557122 +.010 Over Bore

d. Max Bore Will Be 2.705 For Wear

e. Factory Briggs Rings Must Be Used

- Three Rings Are Mandatory And Installed Correctly

- Rings Must Be Self Supporting In The Bore Of The Engine In Tech
- No Machining Of Rings Allowed With The Exception Of Lapping And End Gapping Maximum Ring Gap .050
- Rings Must Be In One Piece When Removed From Engine
- Minimum Width Top Two Rings .095
- Thickness Of Top Two Rings .059-.064
- Oil Ring Minimum Width .065 Ring Groove Must Be Present Expander Ring Must Be Installed But Can Be Trimmed In Overall Length

8. Connecting Rod

- a. Connecting Rod Must Be Changed To ARC-6249 Billet Rod As Supplied By ARC And Will Be Compared To Know Stock Part From ARC

9. Camshaft

- a. Camshaft Must Be Changed To Dyno Cams AN-Mod1-WC-CR And This Is The Only Cam Allowed

- Max Lift At The Cam Is .310
- Max Lift At The Valve Is .310
- Max Duration At .050 Is 248 Degrees Checked At Valve With 0 Lash
- Max Duration At .200 Is 153 Degrees Checked At Valve With 0 Lash
- Compression Relief Should Be Left In Stock Form As These Engines Will Still Be Pull Started Like Current 206 Engines

10. Crankshaft

- a. Aftermarket Billet Non-Adjustable Crank Gear Dyno Cams Number DC-1346 Is Allowed To Be Installed In Stock Location On The Crankshaft

11. Exhaust System

- a. Engines must run an unaltered RLV 5530 exhaust pipe with unaltered RLV B91XL Muffler.

12. Age limit for this class will be 10 to 16.

1. Minimum weight 350lbs measured on track scales.
2. Must run a shoe type clutch.
3. Right-Side sail panels are not allowed. Left Side sail panels are allowed but cannot extend beyond the rear cage
4. Spec tire: Hoosier Slick D30 11x8-6 Right Rear Tire. Must be bought from track and kept in impound. Left Front, Right Front, Left Rear D20 11x6-6

5. No heating of the tires or use of a torch on the tires at any time.
 6. No siping or grooving tires. No alterations to tires or chemicals allowed.
 7. Tires will be sampled by Blue Ridge Lab. All results from Blue Ridge are official.
 8. Tires will be kept in impound. Cleaning of the tires after the feature ONLY at our sink with our cleaner. If caught with illegal tires driver and owner will be DQ'ed and suspended for 2 events with \$500 fine and 4 new tires must be purchased. 2nd offence will result in a 1-year suspension and a \$1000 fine and tires destroyed. 3rd offence driver and owner will be banned. FINE MUST BE PAID PRIOR TO RETURNING.
 9. Must run a box stock size wing (center 32" x 35" Left board 40" long 20" high, Right board 40" long 14" high. Must be within +/- 2 inches). Measurements include any lip on the side panels. Only 1 bend is allowed. Lips cannot exceed 1 inch. Flat panel wing only. No airfoil
 10. Must utilize a sprint car style rear bumper. No square flat kart style bumpers allowed. Must extend back a minimum of 7" from end of frame rail. (Bumper design must be approved by track management).
 11. Maximum height for side pods are 12", Maximum width is 8.5"
- All side pods must be at least one inch away from EVERY component of the motor! Includes air filter!
12. Tail Cone must be a minimum of 7" tall and 7" long with kart number visible.
 13. All body work is subject to approval by track
 14. Working RaceCeivers are mandatory!
 15. All karts must stop in impound after the races. The top 5 must scale after the feature. If you leave the impound area before you are told by a track official it will result in last place points.
 16. Tires must be mounted at the tech shed. No tire should ever be dismounted or mounted anywhere other than the tech shed. If caught you will be DQ'ed and must purchase a new set of tires.
 17. Only 4 tires will be checked out at any given time. If you need to change one out or have a flat bring back the tire you need exchanged back to the tire shed.
 18. A support from the head to the exhaust pipe to ensure if the pipe breaks it stays attached to the kart.
 19. Scatter shield on the front of the engine will be allowed.
 20. Safety tech items if discovered after the races will still be a DQ but you will receive last place points. But ONLY on your first offence. If you are caught for the same offence twice you will be DQ'ed and will have to take the "0".

21. ALL performance enhancing infractions will result in a DQ and you will NOT be allowed to drop these. Tire infractions will result in a DQ, 1 race suspension and loss of use for ALL tires in impound.
22. Deliberate illegal engine modifications will result in a 1 race suspension as well as a \$250 fine. 2nd offence will result in a 5-race suspension as well as a \$1000 fine.
23. If there are more than 12 karts, there will be hot lap/qualifying. Top 4 in each heat will be inverted.
24. Previous Race winner must start 6th.

Box Stock Division

1. Box Stocks will run Briggs LO206 engine. All engine rules are listed on www.Briggsracing.com. The only change will be the spec exhaust pipe and air filter listed below.
2. Age limit: 8 years old to 13 years old. If age 14 before the first race of the season, driver must move up. Drivers younger than 8 may race with prior approval.
3. LO206 engines must run an unaltered RLV 5530 exhaust pipe with unaltered RLV B91XL Muffler.
4. Minimum weight 325lbs measured on track scales.
5. Must run a shoe type clutch.
6. Right Side sail panels are not allowed. Left Side sail panels are allowed but cannot extend beyond the rear cage
7. Maximum height for side pods are 12", Maximum width is 8.5"
8. All side pods must be at least one inch away from EVERY component of the motor. Includes air filter.
9. Tail Cone must be a minimum of 7" tall and 7" long with kart number visible
10. Spec tire: Hoosier D20 Slick Tire. Tires must be purchased from Millbridge Speedway only. Absolutely no prep or chemicals allowed on tires. No alterations allowed. Front tires must be Hoosier D20 11x6.0-6. Right rear must be D20 11x8.0-6. Left rear may be 11x6.0-6 or 11x8.0-6.
11. Tires will be sampled by Blue Ridge Lab. All results from Blue Ridge are official.
12. No heating or torching tires at any time.
13. No grinding, sanding, or wire brushing tires.
14. Tires will be kept in impound. Cleaning after the feature ONLY at our sink with our cleaner. Illegal tires: DQ + suspension/fines as stated previously.
15. Air filter can be either the stock Briggs, R2C CY-10803, or the JR0110

16. Must run a box stock size wing (center 32" x 35" Left board 40" long 20" high, Right board 40" long 14" high; +/- 2 inches). One bend only. Lips <= 1 inch. Flat panel wing only. No airfoil.
17. Working RaceCeivers are mandatory!
18. Must run 87 octane pump gas from Raja Mart located at 3610 Mooresville Road only. No additives. Fuel checked each event. First illegal fuel: DQ. Second: 1-week suspension + \$200 fine.
19. All karts must stop in impound after the races. Top 5 must scale after feature. Leaving early = last place points.
20. Tires must be mounted at the tech shed only.
21. Only 4 tires will be checked out at any given time.
22. If pipe/muffler falls off: black flag and last place points. Broken/loose/cracked/missing after races: DQ + last place points.
23. Altered muffler: DQ with NO points.
24. Exhaust support from head to pipe required.
25. Sprint car style rear bumper required.
26. Safety tech items discovered after races: DQ but last place points on first offense only.
27. Performance enhancing infractions: DQ and "0" as applicable; no drops. Tire infractions: DQ + 1 race suspension + loss of use for all tires in impound.
28. Intentional illegal engine modifications: DQ + 1 race suspension + \$250 fine; 2nd offense: 5 race suspension + \$1000 fine.
29. If more than 12 karts: hot lap/qualifying; top 4 in each heat inverted.
30. Previous race winner must start no better than 6th.

Beginner Box Stock Division

1. Beginner drivers must know race procedure rules and all flags prior to their first race.
2. Runs Briggs LO206 (Briggsracing.com rules). The only change will be a spec muffler and air filter change listed below.
3. LO206 engines must run unaltered RLV 5530 pipe with unaltered RLV B91XL muffler.
4. Age limit: 5 to 9. If age 10 before March 1, must move up (exceptions possible). Birth certificates mandatory at first race each season.
5. Minimum speed rule TBD at each race.

6. Drivers who have competed in ANY Box Stock division race or higher may not compete in Beginner.
7. Minimum weight 285lbs.
8. Must use Green Slide unaltered with slide lock tight.
9. Must run shoe type clutch.
10. Left side sail panel allowed (not beyond rear cage); right side not allowed.
11. Side pod max height 12", max width 8.5".
12. Side pods must be at least 1 inch away from every component (includes air filter).
13. Tail cone min 7" tall and 7" long with number visible.
14. Spec tire: Hoosier D20 slick; purchased from Millbridge; no prep/chemicals; no alterations.
15. Tires sampled by Blue Ridge Lab; results official.
16. Front: D20 11x6.0-6; RR: D20 11x8.0-6; LR: 11x6.0-6 or 11x8.0-6.
17. No heating/torching tires. No grinding/sanding/wire brushing tires. Impound rules apply; cleaning with water only.
18. Air filter can be either the stock Briggs, R2C CY-10803, or the JR0110
19. Must run box stock wing (same dimensions; +/- 2 inches); one bend; lips <= 1 inch; flat only; no airfoil.
20. Working RaceCeivers mandatory.
21. 87 octane pump gas from Raja Mart only; no additives; fuel checked; penalties as listed.
22. Impound/scale rules apply.
23. Only 4 tires checked out at a time.
24. Impounded tires not checked out during open practice or track rentals.
25. Pipe/muffler falling off: black flag and last place points; missing after races: DQ but last place points.
26. Altered muffler: DQ with no points.
27. Exhaust support required.
28. Safety tech items discovered after races: DQ but last place points on first offense only.
29. Performance enhancing infractions: DQ and "0" as applicable; no drops.

30. Intentional illegal engine modifications: DQ + 1 race suspension + \$250 fine; 2nd: 5 race suspension + \$1000 fine.
31. If more than 12 karts: hot lap/qualifying; top 4 inverted.
32. Previous winner must start no better than 6th.

Cadet Division

1. Cadet drivers must know race procedures and flags prior to their first race.
2. Max age 9. If age 10 before March 1, must move up (exceptions possible). Birth certificates mandatory.
3. After winning 3 races (Tuesday or Saturday), driver must move up to Beginner Box Stock. Track may move driver up at any time.
4. Runs Briggs LO206 (Briggsracing.com rules) with spec exhaust and air filter rule listed below.
5. LO206 engines must run unaltered RLV 5530 pipe with unaltered RLV B91XL muffler.
6. Minimum weight 285lbs.
7. Must use Red Slide unaltered with slide lock tight.
8. Must run shoe type clutch.
9. Left side sail panel allowed (not beyond rear cage); right side not allowed.
10. Side pod max height 12", max width 8.5".
11. Side pods must be at least 1 inch away from every component (includes air filter).
12. Tail cone min 7" tall and 7" long with number visible.
13. Spec tire: Hoosier D20 slick; purchased from Millbridge; no prep/chemicals; no alterations.
14. Tires sampled by Blue Ridge; results official.
15. Front: D20 11x6.0-6; RR: D20 11x8.0-6; LR: 11x6.0-6 or 11x8.0-6.
16. No heating/torching tires. No grinding/sanding/wire brushing tires. Impound rules; cleaning with water only.
17. Air filter can be either the stock Briggs, R2C CY-10803, or the JR0110
18. Wing: box stock dimensions; one bend; lips \leq 1 inch; flat; no airfoil.
19. Working RaceCeivers mandatory.

20. Fuel: 87 octane from Raja Mart only; no additives; penalties as listed.
21. Impound/scale rules apply.
22. Tires mounted at tech shed only.
23. Only 4 tires checked out at a time.
24. Impounded tires not checked out during open practice or rentals.
25. Pipe/muffler falling off: black flag and last place points; missing after races: DQ but last place points.
26. Altered muffler: DQ with no points.
27. Exhaust support required.
28. Safety tech items discovered after races: DQ but last place points on first offense only.
29. Intentional illegal engine modifications: DQ + 1 race suspension + \$250 fine; 2nd: 5 race suspension + \$1000 fine.
30. Performance enhancing infractions: DQ and "0" as applicable; no drops.

Buggy Division

- Minimum weight at all times is 425 pounds.
- DNQ Ghost Engine Rules can be found at the following web address.
<https://www.dnqseries.com/general-5> We will follow the USACK Buggy rules 100%
- There will be a claim rule in effect. Engine must be claimed and paid for within 5 minutes after the winner reaches the scales. \$500 to claim an engine. Does not come with clutch, motor mount, exhaust pipe or the dress up kit from Checkered Flag.
- Pump 87 Fuel. No additives allowed. Fuel will be tested against fuel from the Sunoco station located at 3610 Mooresville Rd, Salisbury NC 28147 Fuel must be in compliance with that test fuel.
- Tires - Treaded Hoosier. No chemicals allowed. Tires will be sampled by Blue Ridge Lab. Results are official. Left: Hoosier Treaded 11 x 5.5 x 6 D30 Right: Hoosier Treaded 12 x 9 x 6 D50. You may groove, sipe & grind tires. No prep/chemicals; no alterations. Tires sampled by Blue Ridge Lab; all results are official.

ALL Micro Divisions (Jr Sprint, Restricted, Wing and Non Wing)

- All classes must run the same Right Rear Tire for the entire event. Tire will be marked during qualifying.
- If a tire must be changed due to flat or damage, the original tire that was used during qualifying must be immediately impounded at the tech shed upon removal from the car.
- Any car found using a tire other than the one marked during qualifying will be disqualified for that specific session.

- No chemically altering tires at any time during any on track session allowed. If found with illegal tires car/driver will be disqualified for the entire event, with loss of points and prize money.

Jr Sprint Division

1. Age. Drivers ages 6 through 11 (A driver whose 12th birthday falls during the racing season will be allowed to finish the season in which they begin accruing points before their birthday. Racing season starts March 1st.)
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 should 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.)
4. Fuel. Methanol only. Upper end lubricants and 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. Minimum car and driver weight 400 lbs.
6. Suspension. Coil-over shock or torsion bar suspension allowed. Tread max 46 inches, min 32 inches (center to center). Wheelbase max 52 inches, min 50 inches. Rear axle steel 1 1/4" min diameter or new aluminum axle. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by locking device.
7. Shocks. Aluminum or steel body shocks legal.
8. Tires and Wheels. Wheels 8" diameter, steel or aluminum. Hoosiers required. Right rear spec tire: Hoosier Jr. Sprint 16.0/8.5/8/8 RD 20. You can groove or sipe all tires. NO TIRE DOPING.
9. Bodies. Sprint car design only. Tail sections must be in place for time trials and all races. Metal firewall required. No rear view mirrors. Quick release steering wheel only for entry/exit. No tops or body encasements.
10. Transmission. Drive by engine or jackshaft mounted clutch. No axle mounted clutches. No direct drive. Chain guards required.

11. Wings. Right side board max 42" x 20" (16" x 16" min). Left side board max 42" x 20" (18" x 18" min). Overall wing size minimum 5.5. Top wings mandatory.
12. Hubs. Front hubs go kart type with 5/8" bearings and 5/16" wheel studs min. Rear hubs Douglas 5 x130 go kart type or equivalent.
13. Engine Rules. For motor specs for Briggs and Stratton World Formula engine, visit Port City Raceway website at 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).

600cc Wing or Non Wing Micro

Driver must be 14 years of age on the date of the first regular season race or be prior approved by Jeremy Burnett.

• Terms and conditions

- a. If a change or modification to the stock engine or its parts is not included in these rules, then the modification is considered legal.
- b. The word "stock" means un-modified factory original parts or components.
- c. No mixing engine parts from other motorcycle manufacturers. For example: Only Yamaha parts can be used in a Yamaha engine. The case determines the model year and that is what determines the stock bore & stroke for that engine.

• Tires

- a. Hoosier Tires only on all 4 corners. U6SA or ASCS2 Right Rear tire mandatory. No chemical alterations.
- b. No chemicals of any kind allowed on ANY tire at any time.
- c. If caught with illegal tires the driver and team will be DQ'ed and suspended for 2 events with \$500 fine. 2nd offence will result in a 1-year suspension and a \$1000 fine. 3rd offence driver and owner will be banned.

*Suspension will be for the division that failed the tire test and must include the next points event in that series (example: DQed and Suspended from Wing Micro on a Wednesday, Suspension must include at least 1 Wednesday points paying race)

- d. Tire Sampling will be performed by Blue Ridge Labs. Results from Blue Ridge Labs are official. There will be no appeal process.
- e. Driver/Team will not be able to return to competition until the suspension has been served and fine has been paid. Race suspension will be for the very next events on the calendar after results are official.

- **Overall Engine U6SA engine rules. With the exception of PE3 allowed.**

- No limited production race motors allowed. Must be a production motorcycle engine, 4 cylinders 4 stroke.
- No titanium anywhere in or on the engine, unless it comes stock form manufacturer of engine on the production bike or used as bolts in aftermarket rods.
- Must have engine, clutch, and transmission all in one unit.
- Must be Chain Drive.

- **Bore and Stroke**

- 600cc Maximum displacement for an engine model that was new in 2006 or newer. Older engines maximum displacement is 637cc. Engine model is defined as a manufacturer redesign of overall engine.
- No strokers or de-stroked engines.

- **Head and Cam**

- OEM Head only. No porting allowed.
 - Valve jobs, valve grinding, valve seating, valve seal modification and valve seat cutting are allowed.
 - Valve seat inserts may be reworked or replaced with any seat of original dimensions. Any dimensional thickness of the stock inserts may not be increased. Valve seats can be ground with multiple angles. Blending of the valve seat into the head is permitted but cannot extend more than 1/4" into the aluminum head measured from where the seat meets the head.
- Valves cannot be larger in diameter than factory stock valves.
- Bottom End: No machining to remove weight from the crank (balancing ok). No after-market cranks, lightweight cranks, polishing, or coatings.
- No aluminum connecting rods.
- No dry sump systems allowed unless original equipment.

- **Clutch/Transmission**

- No removal of the clutch. Clutch must remain operational.
- No modification to stock transmission gears, no close-ratio or nonstandard ratios. All gears must remain. No polishing or coatings.

- **Ignition**

- PE3 aftermarket ignition permitted.

- i. ALL maps accessible on the dashboard must be set to 16,100rpm or less. Officials must be able to plug into ECU to check RPMs.
- b. Only 1 ECU allowed at a time; must run same ECU all night unless approved by tech.
- c. Stock appearing ECU. Must be production ECU originally supplied by same manufacturer as engine. Re-flashing and factory race ECU allowed.
- d. Rev limit: 16,100 rpm for $\leq 600\text{cc}$; 14,800 rpm for 636cc. Must remain intact at all times.
- e. Rev check done on track in gear. 50 rpm tolerance.
- f. Cars (except PE3 accessible) must have the PA standard connector for the track to check rpm.
- g. No additional adaptors allowed prior to the track hooking up the tach.
- h. No gear position sensor may be used (may be in place but no wires).
- i. Traction Control is not permitted.
- j. Electric fuel pump safety relay required for cars with electric fuel pump.

- **Air Induction**

- a. No turbo/supercharging.
- b. If engine did not come with fuel injection, fuel injection may not be used.

- **Charging System**

- a. Must remain in complete working order.

- **Fuel**

- a. Must run unaltered methanol fuel. Fuel must pass the distilled water test. If fuel is cloudy it will result in a DQ. Fuel samples will be sent to Blue Ridge Lab for testing purposes. No additives allowed. Fuel will be checked at each event. The first time caught with illegal fuel will result in a DQ for the event. 2nd offence will result in a 1-week suspension and a \$200 fine.
- b. No fuels other than alcohol, gasoline, and/or top lube. Nonflammable top lube only; no exotic additives/oxidizers/enhancers.
- c. All fuel tanks must contain a bladder.

- **Minimum Weight**

- a. Wing class minimum 800 pounds.
- b. Non Wing class minimum 775 pounds.
- c. Weight must be welded or bolted; painted white with car number. No liquid/loose ballast.

- **Wings**

- a. All mounts and adjusters must be outside of the roll cage.
- b. Wing center cannot exceed 12 sq ft.
- c. Side Panel max length 54 inches, max height 24 inches.
- d. Lips on the wing cannot exceed 2 inches.
- e. Nose Wing center not to exceed 4 sq ft.

- **Restricted 600cc Micro**

Driver must be 12 years of age on the date of the first regular season race or be prior approved by Jeremy Burnett.

- **Terms and conditions**

- a. If a change or modification to the stock engine or its parts is not included in these rules, then the modification is considered legal.
- b. The word "stock" means un-modified factory original parts or components.
- c. No mixing engine parts from other motorcycle manufacturers.

- **Tires**

- a. Hoosier Tires only on all 4 corners. U6SA or ASCS2 Right Rear tire mandatory. No chemical alterations allowed.
- b. No chemicals of any kind allowed on ANY tire at any time.
- c. If caught with illegal tires the driver and team will be DQ'ed and suspended for 2 events with \$500 fine. 2nd offence will result in a 1-year suspension and a \$1000 fine. 3rd offence driver and owner will be banned.

*Suspension will be for the division that failed the tire test and must include the next points event in that series.

- d. Tire Sampling will be performed by Blue Ridge Labs. Results are official. No appeal.
- e. Driver/Team will not be able to return until suspension served and fine paid.

- **Overall Engine**

- a. Engine 600cc 4-cylinder 4 stroke as comes on a stock production bike for public sale in the U.S.A. No current year production engines. Except as noted, all internal engine parts must remain stock with no modifications, metal removal, blueprinting.
- b. Valve seat inserts may be reworked. Valves must remain as produced with no modifications.

- c. Valve springs may be shimmed with standard or aftermarket shims.
- d. Cylinder head combustion chambers may be cleaned by bead blasting with valves seated in place. Intake and exhaust ports may not be bead blasted.
- e. Cylinder head gaskets may be replaced only with OEM stock parts (all 3 layers must be used). All other gaskets may be replaced with duplicate aftermarket parts.
- f. Light cleaning of gasket surfaces allowed.
- g. Transmission gears may be shimmed only for proper engagement. Aftermarket cam chain tensioner allowed.
- h. Fuel injection engines can run carburetors. Fuel injection engines running carburetors may change all fuel metering devices.
- i. Fuel Injection allowed. Injection must be OEM, stock OEM throttle bodies no mixing manufactures with OEM boots in place.
- j. Modification of oil pan & pickup allowed. Thermostat cover/water pump cover modification allowed.
- k. Any air box, stock appearing CDI, aftermarket washable replacement air filter.
- l. Any 600cc OEM CV carburetors (no flat slides).
- m. Stock ECU, PE3-IG2 and PE3-8400 permitted for carburetors and stock fuel injection.
- n. Restrictor Plate must be King Racing Product Restrictor Plate .750" inside diameter. No exception. Any tampering will result in disqualification.
- o. No cones allowed.

- **Fuel**

- a. a Must run unaltered methanol fuel. Fuel must pass the distilled water test. If fuel is cloudy it will result in a DQ. Fuel samples will be sent to Blue Ridge Lab for testing purposes. No additives allowed. Fuel will be checked at each event. The first time caught with illegal fuel will result in a DQ for the event. 2nd offence will result in a 1-week suspension and a \$200 fine.
- b. No fuels other than alcohol, gasoline, and/or top lube. Nonflammable top lube only; no exotic additives/oxidizers/enhancers.
- c. All fuel tanks must contain a bladder.

- **Wing Restricted Minimum Weight 725 pounds. Non-Wing Restricted Minimum Weight 700 pounds.** Weight must be welded or bolted; painted white with car number. No liquid/loose ballast.

- **Wings**

Right sideboard maximum 48" x 18". Left sideboard 48" x 24". The wing cannot be mounted outside the rear tires. Wings must be mounted parallel with the cage. All wings must have 1/16" radius edges or

edging. No raw edges. No wood except for ribs or spars inside the center section. Nose wings cannot exceed 18" x 24". Side boards not to exceed 8.5 inches tall and 21 inches long.

Top wings are mandatory. Cars must run a max 10 sq-ft fixed wing positioned no further back than the back of the roll cage. No cockpit adjustable wings. No split or multi-staged wings. Wing center section must be one piece. Side boards must be 90 degrees to the center section. Sideboard kick out cannot exceed 2 inches. 3-inch maximum wicker bill allowed including stock wing turn up.