



2024 - 2025 Rules

Published: August 4, 2024

Rules & Regulations

2024-2025 season

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events. By participating in these events, all drivers and parents of minor drivers are deemed to have read and understand the rules and regulations. The rules can and will be modified in the best interest of our membership.

The rules and/or regulations are intended as a guide for the conduct and are in no way a guarantee against injury or death of a participant, spectator or official. The Director of Competition or Promoter shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that, in their opinion, do not alter the minimum acceptable requirements.

No express or implied warranty of safety shall result from publications of, alteration of, or compliance with these rules and/or regulations.

Any interpretation or deviations of the rules and/or regulations are left to the discretion of the Director of Competition. Matters involving Chowchilla Barn Burner will be addressed by the Promotor, Evan Sanders. Their decision is final.

IF WE DON'T SAY YOU CAN - YOU CAN'T!

Safety

- ABSOLUTELY NO KIDS UNDER THE AGE OF 16 ALLOWED ON QUADS. NO PASSENGERS ALLOWED ON QUADS. NO PIT BIKES, ELECTRIC OR GAS, ALLOWED ON THE PREMISES. NO BICYCLES, SCOOTERS, ROLLER BLADES, HOVER BOARDS, OR ANYTHING ALIKE ALLOWED!
- No wood burning fire pits allowed!
- All karts pitting on asphalt or concrete MUST put a tarp down in your pit to pit on top of!
- The following safety rules have been imposed by Chowchilla Barn Burner.

- YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU, YOUR CREW, AND YOUR KART.
- No driving of karts in the pit area. All karts must stop at the exit of track and push their kart to their pits. Driving in the pits can result in disqualification for the event, disqualification from future events, the loss of points, and/or fine.
- All Karts must pass Tech inspection before it is allowed on the track.
- Neck braces or neck restraints are Mandatory. Wrist restraints recommended; must be attached to lap belt and worn below the elbow.
- Helmets: a Snell or DOT approved only. Minimum rating of FIA 8860-2004, FIA 8860-2010, Snell SA-2010, SA-2010, SA 2010 and/or a valid SFI 31.1/2010 label.
- Seat mounts must be securely mounted to the frame. Seats should have no excessive holes. Aluminum high back seats are MANDATORY for wing classes. The top of the seat should be in the middle of the driver's head.
- All karts must have a 6" nylon tie attached to spark plug wire.
- Kill switches are highly recommended. All beginner classes are required to have kill switches.

Driving Apparel

- **Driving Apparel - Flat Kart:**
 - Driving apparel for Adult Drivers and Youth Drivers:
 - Heavy Abrasive Resistant Jacket, Racing Jacket, or suit Recommended.
 - Gloves are required for Beginner Flat and JR Flat classes. Gloves are recommended in all other classes.
 - Long pants, and closed toed shoes are mandatory. No unapproved shirts, shorts or cut off pants.
 - Sweatshirts are not considered an abrasive resistant material. Minimum 2-layer race suit required for anybody running methanol. (stock appearing)
- **Driving Apparel - Wing Classes**
 - Driving apparel for Adult Drivers and Youth Drivers:
 - Fire retardant race suits (one piece or two pieces).
 - Gloves are required for Beginner Box and Box Stock classes. Gloves are recommended for all other classes.
 - Neck brace or HANS type device are required for all classes.
 - Arm restraints are recommended.

- Closed toed shoes are mandatory in the winged classes.

Working on karts during a red or yellow flag will be determined by track officials.

Any Chowchilla Barn Burner Official is permitted to remove karts from the racetrack due to unsafe conditions to the driver and/or other karts.

CONSUMPTION OF ALCOHOLIC BEVERAGES IN THE PIT OR TRAC KAREA DURING A RACE EVENT IS PROHIBITED.

Any and all individuals will be asked to leave the premises immediately voluntary or by police escort. Any driver or crew member can receive minimum 2 race suspension and possible fine.

Each pit area must be equipped with a serviceable A-B-C type (dry powder) fire extinguisher. Minimum (5 lb ABC Dry Chemical Fire Extinguisher (2A-10B C))

RACING RULES & ETIQUETTE

• FLAGS:

- **Green Flag:** Passing will not be permitted before the karts reach a designated point. At this point the green flag will be displayed & racing will begin. The race is considered official when the initial green flag for that event is displayed.
- **Red/Yellow Flag:** Complete Restart of race. This is only used if a caution is thrown before all karts complete first lap.
- **Blue/Yellow Flag:** This flag is to alert lap traffic when the leaders are going to overtake them, continue racing but hold your line, and give leaders room as to not effect outcome of race (may or may not be used).
- **Yellow Flag:** CAUTION. All karts must come to a parade lap speed. Failure to do so will result in being sent to the back of the pack. Scoring reverts to the previous lap for lineup. If you top on the track for any reason after the initial green flag, except safety, you are charged with a yellow and go to the rear. If you stop on the track before the initial green flag, you will still go to the rear but not be charged with a yellow. All karts in multiple kart cautions will be charged with a yellow and line up at the rear of the field in the order they were in before the caution. You will be allowed 2 charged yellows in heat race and

lower main. 3 Charged yellows will be allowed for A main events only. **THERE IS NO RACING BACK TO THE YELLOW.**

- If a Kart has a MINOR problem on the racetrack or if the kart is sent to the infield and returns to track, kart will line up in rear of the pack.
- Classes will be allowed to restart after the Main and Heat event has started, limited to two restarts. (Restarts may be adjusted due to time restraints by Director of Competition or promoter).
- **Red Flag:** STOP AS SOON AS SAFELY POSSIBLE. The kart(s) involved in the Red Flag will be allowed to restart at the rear of the field, if track officials or safety officials deem it is unsafe for a driver to continue racing their decision is final and will be non protestable. Scoring reverts to the previous lap for lineup. Failure to observe the red flag will result in disqualification.
- **Black Flag:** "Rolled Up" then pointed at you is a warning either Director of Competition and/or flag man has seen something they do not approve of.
- **Open Black Flag Displayed to Driver:** Park in infield of track immediately you have been disqualified from event. The official's decision for unsportsmanlike conduct or out of control driving is final, NO protest and NO points.
- **White Flag:** ONE LAP TO THE FINISH. In the event a white flag is thrown, and a caution comes out a yellow checkered will be thrown.
- **Checkered Flag:** Race is officially over. All karts must pass under the flag to be scored.

Only the TOP 4 karts in the heat events and the TOP 5 karts for the main event must weigh in after exiting the track. If no weigh in after each event; driver and kart are disqualified for that event. Every Kart MUST stay in Tech area until released by Tech. All karts to tech after qualifying.

If you must go to a back-up kart you will have to start at the back of the field. You will need to notify the Director of Competition and scorer prior to taking the track.

If a driver has refused to be scaled, or teched or leaves tech area it is grounds for an AUTOMATIC DISQUALIFICATION for the event.

TOP 3 for main events is subjected to a full motor tear down, at tech official, Promoter, or Director of Competition's discretion.

• UNSPORTSMANLIKE CONDUCT

- Physical Altercations on the premises will be an immediate call to Chowchilla Police Department. Charges will be filed if need be.
- Fighting on premises will result in immediate removal from Chowchilla Barn Burner grounds, point penalties, suspension (minimum two (2) races with a maximum fourteen (14) races), and a fine will be applied to driver and/or crew.
- ANY actions deemed unsportsman by the CBB officials by any participant could result in a fine and/or suspension.
- Drivers will be held responsible for the actions of their pit crew.
- Any display of unsportsmanlike conduct to a spectator, participant, or Chowchilla Barn Burner official, (on or off the track) will result in a minimum two (2) race and maximum 14 race suspension and/or a fine. will be applied to driver and/or crew, immediate removal from Chowchilla Barn Burner grounds, point penalties, and/or all of the above at the discretion of the Director of Competition or Promoter . Anybody that comes onto the race surface without the permission of a CBB official, will be escorted out of the facility immediately, receive a 1 race suspension, and a \$500 fine that must be paid before re-entry. Also, the driver affiliated with the responsible party could be eliminated from competition for that event. If a second violation occurs, the responsible party will receive a 1 year suspension and \$1,000 fine.
- Competitors who continually post derogatory or harassing statements to or concerning Chowchilla Barn Burner on any social media outlets will be subject to penalty, at the discretion of the Promoter.
-

Pay out classes as followed:

- | | |
|------------------------------------|------------------------------|
| • Beginner Flat: Non-Payout | • Limited Mod: Payout |
| • Jr Flat: Non payout | • Clone: Payout |
| • Beginner Box: Non-Payout | • 250 Wing: Payout |
| • Box Stock: Payout | • 500 Wing: Payout |
| • Pure Stock: Payout | • Cage Clone: Payout |

Note: Payout is based on class size and kart count, if a sponsor has sponsored a race there is a possible increase in payout, in the specific class sponsored.

POINT RULES

- Each driver will draw at registration.
- **Heats:** That will draw number places each kart in lineup order for qualifying. The heat race is lined up straight up based on qualifying. The pea pick only comes in to play again in the event of a tie when figuring the Main event placements.
- **Qualifying:** You will will draw a number for your qualifying order. Each kart will have 2 laps of qualifying. The fastest lap will determine your order for your heats. The pea pick only comes in to play again in the event of a tie when figuring the Main event placements. If driver misses qualifying order, he must be in staging before the last kart of their class/group finishes qualifying and be ready to take the track. Driver will receive 1 lap.
- All kart lineups will be determined, based on qualifying order.

Points Races:

- There will be NO (0) throw-out races.
- Each driver is allowed TWO (2) substitute drivers per season. You must inform the promoter 2 days in advance if you intend to use a sub driver and get approval. Your sub can only earn the max amount of points that you have earned.
 - EXAMPLE: if your best finish is 3rd and your sub wins, your sub will only earn you 3rd place points for that event.
- Points will be determined by official scored finishes.
- ALL Karts are required to run a transponder My Laps Sport Timing System. Or have approval by Chowchilla Barn Burner Promoter or Director of Competition.
- **Transponder location:** The MYLAPS automated timing solution will be used for timing and scoring. All karts will be required to use a MYLAPS X2- compatible transponder. All transponders must be attached securely to the steering post closest to the driver seat as indicated in the diagram to the right. Failure to comply with this rule will result in not being scored, removal from the track and/or fines and penalties.

Race Format: SUBJECT TO CHANGE at Director of Competition or Promoter's Discretion.
Wheel Packing: Announced at the drivers meeting.

CLASSES:

- **Beginner Flat:** Heats-6 laps / Mains - 10 Laps
- **Junior Flat & Beginner Box:** Heats - 6 laps / Mains 15 laps
- **Pure Stock & Limited Mods:** Group Qualifying 2 laps (green, white, checkered) / Heats - 6 laps / Mains 20 Laps (Limited Mods 15)
- **Box Stock, Cage Clone, 250, 500, & Clone:** Group Qualifying 2 laps (green, white, checkered) / Heats: 8 laps / Mains: 25 laps
- The program may be adjusted do to 11pm curfew.

General Rules for All Classes

- All drivers must register for the race on or before the designated sign-in time.
- Pit passes are to be purchased at registration & are Non-Refundable for any reason.
- All drivers will attend the drivers' meeting.
- Any driver who registers after the deadline will race at the back of both heat races.
- Any driver who misses a driver meeting will also race at the back of both heat races.
- It is recommended that a parent or guardian accompany young racers to the drivers' meeting.
- Drivers and parents of minor drivers are responsible for knowing and following the Chowchilla Barn Burner rules for their respective class.
- DRIVERS ACCEPT THESE RULES BY SIGNING IN AT REGISTRATION
- Frames must be of kart configuration. Not to exceed 90" in overall length. NO EXCEPTIONS.
- Tires must be kart type only. Not to exceed 6" in diameter. Burriss or hoosier brand recommended. No Tire Prep.
- Bodies can be any material, except wood. No sharp edges or protruding parts.
- Track fuel required for ALL classes except Open 500, 250 Intermediate, and Stock Appearing.
- A one-way radio receiving device is mandatory for all classes, except beginner flat class.
- Drivers must have their unit on and working during all events of the race/night including mud packing, hot laps, qualifying, heat races, and main events. Failure to observe this rule shall result in your kart not being scored and/or additional penalty assessment may occur as per discretion of Chowchilla Barn Burner Director of

Competition or Promoter. Chowchilla Barn Burner rules do NOT allow radio communication between driver & crew.

- The Director of Competition, Promoter, and Tech Official's decision is final. Kart Weights - are assigned by each class.
- Kart numbers must be able to be read by the scorekeeper in the tower in color and size. If not legible and/or not corrected, the kart will not be scored.
- Tire Rules; See CLASS RULE FOR DETAILS
- Mirrors are not allowed on karts.
- No traction control devices allowed* Must have solid axle and fixed hubs Fuel meter will be calibrated to Fuel: 87 or 91 Octane ONLY.
- Birth Certificates are required for all minor classes.
- ALL flat karts must have a muffler or washer/collar attached to the end of the header. First event of the season is the only grace period. Appears under General Rules.

General Rules for Winged Classes

- In addition to the above-mentioned rules; wing sides must stay within 3" from outer most edge of kart. No sharp edges or protruding bolts
 - Overall length 48" maximum.
- Uppermost part of kart and wing not to exceed 78" from the ground
- 250, Open Intermediate, Open and Sportsman class wing panels may not exceed the following dimensions:
 - Right side wing panel may not exceed 48.750" long, 20" tall at any point.
 - Left side wing panel may not exceed 48.750" or 28" tall at any point.
 - Center section of wing may not exceed 40" wide at any point. Overall height from ground may not exceed 78" at any point.
 - Beginner Box and Box Stock classes only, wing Minimum size 26" wide by 28" long. With minimum 10" sideboards.
 - Wing, hood, and tail piece are mandatory in all classes. All Karts must start each Event/Race with them safely installed.
 - Kart numbers must be able to be read by the scorekeeper in the tower in color and size. If not legible and/or not corrected, the kart will not be scored. Recommended to be at least 10' in height.
 - Any kart missing their qualifying order/group, must be in staging ready to qualify before the last kart/group finishes qualifying. Kart will get 1 lap to qualify.

CLASS STRUCTURE

Flat Kart

Beginner Flat

- **Age:** 4-8 Years old (Kart needs to be able to idle in staging)
 - This is a training class and not intended for competition. This is a great opportunity to learn car control, proper reactions to the various flags, and on track safety. Drivers can be moved to next class if the Promoter or Director of Competition deems, he or she has demonstrated their abilities constitute a more advanced class. The kart must meet all the Chowchilla Barn Burner general rules including:
- **Bumpers and Nerf bars:** All karts must have front bumpers that adequately protect the driver's feet. Karts must have nerf bars that adequately protect the kart from side impact and will prevent karts from "hooking" wheels. Rear bumpers are required and must extend to at least the centerline of the rear tires.
- **Body:** Plastic nose cone is mandatory and must cover front tires and driver's feet.
- **Motor:** Predator 212cc. STOCK engine.
 - Only exhaust pipe allowed is an unmodified AKRA legal "weenie pipe" with standard muffler part #426282.
 - Any after-market air filter may be used.
 - MUST USE .375" red restrictor plate UNMODIFIED.
 - NO HEMI OR GHOST MOTORS ALLOWED!
- **Fuel:** Pump gasoline only. Fuel must be purchased from track.
- **Weight:** Minimum 240lbs.

Junior Flat

- **Age:** 8 to 14 years. (Kart needs to be able to idle in staging)
 - This is a great opportunity to learn car control, proper reactions to the various flags, and on track safety. Drivers can be moved to next class if the Promoter or Director of Competition deems, he or she has demonstrated their abilities constitute a more advanced class. The kart must meet all of the Chowchilla Barn Burner general rules including:
- **Motor:** FOLLOWING THE PURE STOCK RULES, WITH THE EXCEPTION OF THE EXHAUST PIPE (only exhaust pipe allowed is an unmodified AKRA legal "weenie

pipe" with standard muffler part #426282) AND THE ADDITION OF A .500" purple RESTRICTOR PLATE. FOLLOWING THE PURE STOCK RULES, legality will be checked with a GO/NO GO GAUGE. NO HEMI OR GHOST MOTORS ALLOWED!

- **Bumpers and Nerf bars:** All karts must have front bumpers that adequately protect the driver's feet. Karts must have nerf bars that adequately protect the kart from side impact, and will prevent karts from "hooking" wheels, rear bumpers are required and must extend to at least the centerline of the rear tires.
- **Body:** Plastic nose cone is mandatory and must cover front tires and driver's feet.
- **Tires:** Treads only; open compound. No tire prep.
- **Fuel:** Pump gasoline only. Fuel must be purchased from track.
- **Weight:** Minimum 300lbs.

Stock Appearing

- **Age:** 15 years or older
- **Engine:** single cylinder engines only. Stock blocks, No billet blocks. No motorcycle engines. 3" max bore. stroke is open.
- **Fuel:** gasoline/race gas or methanol **methanol will be tested with water test.
 - NO NITRO Weight- Minimum 365 lbs. (maybe subject to change)
 - Includes Stock Appearing KT-100' s
- **Bumpers and Nerf bars:** All karts must have front bumpers that adequately protect the driver's feet. Karts must have nerf bars that adequately protect the kart from side impact, and will prevent karts from "hooking" wheels, rear bumpers are required and must extend to at least the centerline of the rear tires.

Cen Cal Clone

All rules apply except claimer rule. Engine Rules.

- **Rules & Intent:** The intent of this engine package is to provide a low-cost power source to attract new or budget minded Karter's.
- **Approved engines:** OHV engines generally referred to as Clones with a maximum displacement of 212 cc's. Current legal engines include, but not limited to: the Lifan, Hound, Harbor Freight Blue, Yellow, Jaing Dong, Yamakoyo, Blue Max, Ducar, Dupor & Predator.
- **Engine Components:** Must be original OEM clone components unless otherwise specified. Removal of unnecessary OEM items such as exhaust system, air cleaner,

fuel tank, governor, low oil sensor, etc. is permitted. Welding or epoxy repair permitted to the block, head and side cover provided they don't enhance performance.

- **Exhaust System:** Non tech except header must be round and the end may be expanded to accommodate a muffler/silencer. if no muffler is used, a safety ring must be present on the exhaust tip to prevent injury in case of accident.
- **Carburetor:** Huayi/Ruxing type carb only. Choke assembly must be in place and functional. Venturi .615" max diameter, must be round, checked with go/no go gauge. Jetting is open. Filter adapter and filter are open any pulse type fuel pump permitted and can be pulsed from the crankcase, side cover or valve cover. Carburetor dimensions to be checked with go/no go gauge.
 - Plastic carburetor isolator must be installed in its original location, inner diameter size and finish is non tech, all air/fuel entering engine must pass through the isolator. Restrictor plates are optional depending on post-race kart and driver weight. If a restrictor plate is used it must be installed on kart in its intended manner between the carburetor and isolator, restricting the air flow into the cylinder head in such a way that all intake air/fuel must pass through the restrictor plate. Restrictor plate must remain unmodified from the manufacturer (i.e. a blue plate must have a .550" restrictor opening). No other spacers, manifolds, or pulse adapters may be used.
- **Fuel Tank:** Non-Tech. (It is recommended that for safety reasons a remote/floor mounted tank may be used.) Tank must be securely fastened.
- **Fuel:** 87 or 91 Octane ONLY. Calibration will be to TRACK FUEL for the weekend event. Fuel may not be the same from week to week.
- **Clutch:** Any engine mounted shoe/drum clutch. No axle clutches, No disc Clutches.
- **Pistons:** OEM Std bore only. Three ring design and all rings to be intact and functional. 196 may use OEM Honda piston.
- **Crankshaft:** Standard OEM item with stock stroke length (plus or minus .005"). No alterations permitted.
- **Flywheel and Ignition Coil:** Must use stock clone ignition coil, plug wire, and resistor spark plug boot. Spark plug is open. Flywheel must be from the approved list, 3.3-pound minimum weight, no flywheel modifications allowed.
- **Approved flywheel list:** OEM Cast Iron ARC: 6619, 6625, 6626, 6695 Race Seng : RSP13075, RSP13077 King: Billet Steel, Billet Aluminum Slipstream Dyno: PVL aluminum flywheel

- **Cylinder Head:** OEM heads only with no port modifications allowed. Head gasket required, but type and thickness are open. Traditional style heads only, No Hemi type heads. Combustion chamber volume is open.
- **Valve Train:** OEM pushrods, pushrod guide plates, retainers, springs, keepers, stock stamped steel pedestal mount rocker arms and adjusters only. OEM valves with 45 seat angles only and no lightening or polishing. Stock 1: 1 ratio OEM rocker arms only. OEM valve springs only with a maximum spring diameter of .798" (wire diameter .073" max) and a maximum tension of 10.8 lbs. at .850" compressed height. Installed height of spring is .815" minimum with any spacers or seals.
- **Camshaft:** Stock appearing camshaft cores only with the ez-spin assembly remaining altered and in stock condition. Max intake lift is .240". Max exhaust lift is .245". Readings are taken with a dial indicator on the valve spring retainer with zero lash.
- **Fasteners & Gaskets:** Non-tech but must retain their original factory size. Heli-coils, studs, etc. allowed for repair purposes.

Crankcase breathers are to be routed internally through the valve cover as originally intended in OEM configuration. No additional breathers allowed. Vent tube must go to a catch can, in order to collect any oil blow by.

Stock pull starter must be in place and functional.

General Kart and Bodywork Specifications

- **Wheels & Tires:**
 - Any 5" or 6" diameter Kart type Wheel.
 - Tires must be Treaded design. & Unaltered.
 - Any Brand of Tire is allowed.
 - No Chemical "preps" are allowed on the tire at any time, tire may be washed at the track with water only, violators subject to DQ.
 - Tires must be absolutely dry before coming to grid or must be changed prior to the session.
 - Tires must not appear sanded/ground/or cut.
- **Weight:**
 - Kart and driver 370 lbs. (315 lbs. with an unmodified blue ARC .550" restrictor plate, or 425 with open RR tire) after the A main event.

- Specified karts and drivers must go to scales after a main event or will be DISQUALIFIED and will forfeit any money or points for that night.
- All weights added to the kart must be securely fastened to the kart with a minimum 5/16inch diameter bolt, if weight is attached to the seat large area "fender" washers must be used.
- Kart Weight must be displayed on the engine shroud or top plate to aide track officials at the scales.
- Any kart that loses a weight will be disqualified from that session and lose points/position from that session.
- **Bodywork:**
 - All bodywork components must be constructed of high strength plastic, fiberglass, or advanced composites.
 - No metallic materials to be used for side panels or nosecones.
 - Body work must not obstruct the driver's forward or peripheral view.
 - No panels or bodywork may cover the driver's head.
 - All karts must have body work or bumpers that protects the leading edge of the front tires from contact with another kart.
- **Bumpers and Nerf bars:**
 - All karts must have front bumpers that adequately protect the driver's feet.
 - Karts must have nerf bars that adequately protect the kart from side impact and will prevent karts from "hooking" wheels.
 - "Speedway" style rear bumpers are required and must extend to at least the centerline of the rear tires.
- Hydraulic brake are mandatory; Brake rotor must have a guard "wolf plate" to protect the seat from contacting the brake rotor in the event of a seat mounting failure.

TECH PROCEDURES

- **Procedure:** After the main event, the top 3 karts will proceed to the designated tech area, at this point the kart will be considered "impounded", karts will be inspected in their finishing order. Drivers/Crew will be required to assist with removal of parts, drain their oil, and to help facilitate the technical inspection on their kart.
- **Tech Items:** Items will include but are not limited to:
 - **Carburetor/intake:** This will include checking the maximum venturi size via go/no go gauge, checking the isolator, restrictor plate (if present), and for porting of the intake.

- **Tire Durometer:** RR tire must read a minimum of "48" on the house durometer after given adequate time to cool.
- **Max Camshaft Lift:** Will be measured at the valve spring retainer with the rocker arm set at "zero" lash.
- **Clutch:** Check for drum/shoe type clutch
- **Exhaust port:** Check for porting of cylinder head on the exhaust side.
- **Valve springs:** this will include wire diameter and coil spacing checks to ensure 10.8 BS springs are in place. Valve spring installed height: Check installed height .815 " Flywheel check from approved list. internal scope check for internal violations (rod, crankshaft modifications)

Pure Stock Rules

- **Age:** 15 yrs old.
 - Age 14 yrs old to participate at approval by Promoter.
- **Engine:** All motors must be predator 212cc. Only conversions allowed are as follows: Exhaust may be removed and replaced with RLV Part Number, RLV5435 ONLY. For Safety Reasons if Header Extends Past Rear Bumper it may be cut at the flange and turned within rear bumper.
 - No Other Alterations to Pipe Allowed.
 - Any top plate allowed to remove fuel tank.
 - May have pulse type fuel pump, Vacuum Pulse Fitting from Valve Cover Only.
 - Stock air filter may be removed and replaced with any type clone air filter adapter.
 - All governor components may be removed.
 - Removal of Low oil switch is also allowed.
 - CL 1 cam is the only cam shaft allowed: Dyno tech sheet will be used.

Non Hemi:

Intake

DUR@ 200: 85.5 Deg

Open: 43.0 BTDC

Close: 76.5ABDC

Lift: .224"

C/L: 108.5ATDC

DUR@ 50: 219.0 Deg

exhaust

80.5 BBDC

41.0ATDC

.231"

110.0 BTDC

98.0 Deg

222.5 Deg

- Engines must use all OEM parts. OEM defined as (original equipment manufacturer) unaltered in any way. THIS MEANS NO ALTERATIONS TO ANY INTERNAL PARTS ALLOWED (with the above exception only). OEM valve springs only with a maximum spring diameter of .798"(wire diameter .073" max) and a maximum tension of 10.8 lbs. at .850" compressed height. Installed height of spring is .815" minimum with any spacers or seals.
- Predator 212cc cannot use any component parts from hemi 212cc motor. Must maintain dished piston from predator 212cc.
- Fuel is 87 or 91 octanes only. Spark plug is open.
- Carburetor Venturi .615" max diameter, must be round, checked with go/no go gauge. Maximum jet sizes are .025" idle circuit, .039" Primary. No Alterations to any other air bleed passages. Emulsion tube must remain stock. Isolator Plate must be in place and as cast from manufacture. No modifying of carburetor / choke shafts and or blades in any way. Must be OEM unaltered.
- Left low speed air hole .062 go/no go.
- Right hole .045 go/no go.
- Emulsion tube center hole .069 go/no go.
- No aluminum flywheels or offset key. Must be factory
- Must run drum clutch. Gear ratio is open.
- **Tires:** Treads only; Open Compound. No tire prep.
 - Predator 212cc - 350 lbs.
 - Any motor showing enhanced performance will have full tech after main event. If anything is found to be in fault of rules that motor will be banned from racing and must be replaced.
- **Age:** must be 14 years old to participate at president approval.
- Kart requirements and dress as well as safety is the same as all kart classes.
- All karts must go through safety check prior to each race event. Points of interest are steering components. Brake components. These areas must be wired, safety pinned, or fiber locked with bolt to protrude through fiber lock.
- This class is intended to be a class for fun and low-cost entry.

CLASS STRUCTURE

Outlaw Wing Kart

Beginner Box:

- **Age:** 4-8 years old A driver may be moved up based on their ability for the safety of the class. (At the discretion of the Promoter or Director of Competition)
 - Must be 4 years old at the beginning of the racing season. (All exceptions must be approved by Promoter)
 - If you have had 2 seasons of racing experience and you are age eight or older on the date of the first race of the racing season you must run in the Box Stock Division.
 - All Beginner Box Drivers be prepared to present a copy of their birth certificate on registration day.
 - Minor release is mandatory. A new release is needed for every race season. When a parent is not present at a race event, a notarized minor release form is required to allow the minor to participate or attend.
 - Minors must be always accompanied by an adult while in pit area . Parent/guardian is responsible for the actions of the child.
- **Fuel Specs:** Pump gasoline only.
 - Fuel must be purchased from the truck.
 - Fuel is a Tech item
- **Engine:** Briggs and Stratton LO 206 with green slide Briggs and Stratton LO 206 is the only legal engine for Beginner Box and Box Stock.
- **As outlined in:** <https://www.briggsracing.com/racing-engines/206>
<https://www.briggsracing.com/sites/default/files/outlawruleset/briggs-2021-206-rules-outlaw-fmal.pdf>
- **Weight:** 240lbs kart and driver.
- **Tires:** Open Tires; open compound.
- **Clutch:** Any drum or engine mounted disc clutch link

Box Stock:

- **Age:** 8 - 13 years old.
 - All Drivers must be approved (Promoter or Director of Competition can approve younger age of at his discretion).
 - Minor release is mandatory. A new release is needed for every race season.
 - When a parent is not present at a race event, a notarized minor release form is required to allow the minor to participate or attend.
 - Minors must be always accompanied by an adult while in pit area. Parent/guardian is responsible for the actions of the child.
- **Fuel Specs:** Pump gasoline only.
 - Fuel must be purchased from the track.
 - Fuel is a Tech item.
- **Weight:** Minimum Weight of Kart and Driver is 270Lbs.
- **Tires:** Open tire. Open compound. Any Kart type Rims/Tires.
- **Clutch:** Any drum or engine mounted disc clutch.
- **Engine Options:**

[Briggs and Stratton LO 206 with black slide. Briggs and Stratton LO 206 as outlines
https://www.briggsracing.com/racing-engines/206](https://www.briggsracing.com/racing-engines/206)

https://www.briggsracing.com/sites/default/files/2022-08/briggs-2021-206-rules_outlaw_final.pdf

OUTLAW OPEN WING CLASS:

Outlaw Wing 250

- **Age:** 10-18 Years old
 - ** Promoter/Director of Competition can approve younger age of at his discretion**
- **Weight:** Minimum 380 lbs. with Driver
- **Fuel:** Gasoline, Racing Fuel only. No Nitrous Oxide.
- **Engine:** Engine must be approved 250cc dirt bike engine, Stock bore and stroke from factory and 250CC Single Cylinder Engine allowed.
- **Tire:** Open Tire, Tread Only.

Outlaw Wing 500

**** Promoter/Director of Competition can approve younger age of at his discretion****

- **Age:** Minimum age 14 years old.
- **Motor:** Any CC single cylinder engine allowed.
- **Weight:** Minimum 450 lb with Driver
- **Fuel:** Gasoline, Racing Fuel only. No Nitrous Oxide. No methanol
- **Tire:** Open Tire, Tread Only.

Open Intermediate 500

**** Promoter/Director of Competition can approve younger age of at his discretion****

- **Age:** 12-18 years old.
- **Motor:** Any CC single cylinder engine allowed.
- **Weight:** Minimum 420 lb with Driver
- **Fuel:** Gasoline, Racing Fuel only. No Nitrous Oxide. No methanol
- **Tire:** Open Tire, Tread Only.

GENERAL TECHNICAL RULES AND PROCEDURES

Governing Philosophy of the Chowchilla Barn Burner Technical Regulations

Technical inspections are to insure fair competition within the Chowchilla Barn Burner. While the Chowchilla Barn Burner encourages innovation and engineering within its technical guidelines, certain modifications deemed to be against the spirit and intent of rules set forth shall be declared illegal. It is the sole discretion of the technical inspector and Promoter to decide if any modification outside of the rules laid down here will be deemed illegal for competition.

Gasoline General Rules - classes are not allowed to use Nitro methane (CH_3NO_4) as fuel or additive and at this time Oxygen additives will also not be allowed due to the present methods, we have for testing fuel.

CAGED CLONE

- **AGE:** Minimum age 12 years old - Must be of age on or before March 1, 2023 . Any and all exceptions must be approved by the race director.
 - All minor Caged Clone drivers must be prepared to present a copy of their birth certificate on registration day.
 - Minor release is mandatory. A new release is needed for every race season.
 - When a parent is not present at a race event, a notarized minor release form is required to allow the minor to participate or attend.
 - Minors must be always accompanied by an adult while in the pit area. Parent/guardian is responsible for the actions of the child.

- **WHEELS & TIRES:** Any 5" or 6" diameter Kart type Wheel.
 - Tires must be Treaded design. & Unaltered.
 - Any Brand of Tire is allowed.
 - No Chemical "preps " are allowed on the tire at any time, tire may be washed at the track with water only, violators subject to DQ and track may confiscate tire(s) .
 - Tires must be absolutely dry before coming to the grid or must be changed prior to the session.
 - No prep (grinding, siping, and grooving allowed)
 - See weight below for durometer rule.

- **WEIGHT:** Kart and driver minimum weight is 400 pounds AND the RR tire be stamped and duro minimum 50 with track tire durometer.
 - Top 4 drivers must go to scales after A main event or will be DISQUALIFIED and will forfeit any money or points for that night.
 - Track reserves the right to perform any and or a complete tech on the kart before it is allowed back on the track!
 - If weight is attached to the seat, a large area "fender" washers must be used.
 - Kart weight must be displayed on the engine shroud or top plate to aid track officials at the scales.
 - All weights added to the kart must be painted white and number in 2 spots securely fastened to the kart with a minimum 5/16-inch diameter bolt and lock nut with 2 threads sticking past the nut.
 - If weight is attached to the seat large area "fender" washers must be used.
 - Kart Weight must be displayed on the engine shroud or top plate to aid track officials at the scales .
 - Any kart that loses a weight will be disqualified from that session and lose points/position from that session.

- **BODYWORK:** All bodywork components must be constructed of high strength plastic, fiberglass or advanced composites.
 - Nonmetallic materials to be used for tail pieces or nosecones.
 - Body work must not obstruct the driver's forward or peripheral view.
 - No panels or bodywork may cover the driver's head.
 - All karts must have body work or bumpers that protect the leading edge of the front tires from contact with another kart.
 - Side panels may be constructed of aluminum, high strength plastic, fiberglass or advanced composites. Side panels are recommended to be no more than 400 square inches.
 - If a side panel is used on the motor side of the kart that side panel shall require NO tools to remove the panel.

- **BUMPERS AND NERF BARS :** All karts must have front bumpers that adequately protect the driver's feet.
 - Karts must have nerf bars that adequately protect the kart from side impact and will prevent karts from "hooking" wheels.
 - "Speedway" style rear bumpers are required and must extend to at least the centerline of the rear tires.

- **BRAKES:** Hydraulic brakes are mandatory.
 - The brake rotor must have a guard "wolf plate" to protect the seat from contacting the brake rotor in the event of a seat mounting failure.

- **APPROVED ENGINES:** Tillotson TPP-225RS https://tillotson.ie/wp-content/uploads/2021/04/TPP-225RS-USA-Engine-Rules-Fiche_300321_MF.pdf
 NO OTHER MOTORS ARE NOT ALLOWED!

- **TECH DRIVERS:** Top 4 drivers must go to scales after A main event or will be DISQUALIFIED and will forfeit any money or points for that night.
 - Track reserves the right to perform any and or a complete tech on the kart before it is allowed back on the track!

- **TECH PROCEDURES:** After the main event, the top 4 karts will proceed to the designated tech area, at this point the kart will be considered "impounded", karts will be inspected in their finishing order.

- Drivers/Crew (same 2 people per kart, cannot switch people once they enter tech area) will be required to assist with removal of parts, drain their oil, and to help facilitate the technical inspection on their kart.