



2021 Rules and Regulations Revised **4/27/2021**

****4/27/2021 Updates are in Green****

- WARNING -

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 SPEEDWAY EVENTS, AND, BY PARTICIPATING IN THESE EVENTS, ALL SPEEDWAY COMPETITORS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND REGULATIONS. THEY ARE INTENDED AS A GUIDE FOR THE CONDUCT OF THE SPORT AND IN NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS, OR OTHERS. GENERAL

PIT PASS: There will be 1 type of pit pass used at LSS: a Hot Pit pass which includes access to the staging line to track, track, and scale (where cars may be started or driven). For insurance purposes and for the safety of any person entering competition or a restricted area, that person must sign a release form and will be given a wristband. Wristbands should be visible at all times and must be displayed upon the request of any track official. Everyone entering the pits need to stop and pay and receive a wristband before entering any area of the speedway this is for your protection in case of an accident. Anyone entering without paying will be considered trespassing. Failure to comply with this rule at all times will result in the immediate ejection from the pit area. Parents' Consent or Minor assumption release form needs to be filled out prior to entering the pit area or racing at Little Sunset Speedway.

PROOF OF AGE: Little Sunset Speedway reserves the right to request proof of age of any driver at any time. Your actual age as of December 26, 2020 determines your age for the 2021 calendar year.

DRIVER REQUIREMENTS: Drivers should meet the minimum and maximum age limits for the class they are competing in. All drivers must register their kart number with Little Sunset Speedway to participate in race events and/or accrue points. **A \$20.00 registration fee is required for each class entered.** Numbers will be chosen by the racer on a first come, first served basis.

***Age Recommendations for each class are subject to exception based upon a person's experience and ability as determined by the race director.**

KART OWNER: All karts must have a registered owner. Kart numbers will be reserved from previous year until April 1st of the following year. If current owner is not registered by the given date each year, that number becomes available to the first driver requesting the number.

RESERVED PIT STALLS: Reserved pit stalls are available for an annual fee of \$50. Continual reservations for same pit area from previous years will be available to that driver until March 1st of the following year. If the driver has not requested and paid for that pit stall by March 1st, it becomes available to the first driver requesting that area. Pit stalls will be marked with your kart number on a number plate provided by you to the track with holes drilled in each corner. The reserved pit stalls will be reserved for weekly race throughout the season.

KNOWLEDGE OF THE RULES: Racers and parents of young racers are responsible to know policies, rules and regulations set forth herein and will be given a wristband. Wristbands should be visible at all times and must be displayed upon the request of any track official. Failure to comply with this rule at all times will result in the immediate ejection from the pit area. **TECH RULES:** Flat Karts: Maxxis Midwest Series/NKA Clone Rules. (See Track Option Classes and Spec. Champ Karts rules)

NOTICE

Because there are new classes the Management and/or Race Director is empowered to alter or change the rules to meet the general spirit and intention of the class. (EIRI)

ASSUMPTION OF RISK:

Members assume full responsibility for any and all injuries sustained or for property damage incurred while on the race premise, en route to or from the speedway. No member will have any claim for expenses or damage against LITTLE SUNSET SPEEDWAY, its promoters, or officials, regardless of negligence

INSURANCE:

We DO NOT provide insurance coverage on vehicles in pits or infield. The primary responsibility for the safe condition and operation of a kart rests with the owner and/or driver. ***Use of 4 wheelers or any motorized ATV is not allowed due to Insurance, the only exception is when needed to push a Jr Sprint type car from Trailer to Staging and from tech area back to trailer.**

ACCIDENT POLICY:

All injury reports are to be filed with the speedway on the day of the mishap. Failure to do so may result in denial of a claim by the insurance company. IN THE EVENT OF A ROLLOVER, THE DRIVER IS DONE FOR THAT RACE. IF THE DRIVER'S HELMET COMES IN CONTACT WITH THE RACE SURFACE, THE DRIVER WILL NOT BE ALLOWED TO COMPETE FOR THE REMAINDER OF THE DAY for safety reasons subject to the discretion of the race director.

PARTICIPATION:

Track officials shall inspect all competing karts. Such inspection does not deem the kart safe or free from defects. No expressed or implied warranty of safety shall result from publication of or compliance with these rules. Anyone may inspect the race course. By participation you deem the race course acceptable for competition.

INSPECTION:

Any kart is subject to a full inspection by a track official at any time prior to receipt of payoff by the karts owner for the day's events. Failure to comply will result in disqualification. Following the conclusion of each feature race, the top four (4) feature karts, and any other kart designated by track officials, will immediately proceed to the tech area and will remain there until all karts have been inspected, approved and released by track officials.

CONDUCT: Any of the following will be reason for immediate ejection from LITTLE SUNSET SPEEDWAY and may also result in loss of points for the driver if a parent, or crew member: **THIS APPLIES TO ALL DRIVERS, CREW MEMBERS AND SPECTATORS**

- 1) Any abusive language, fighting, threats, arguing with race officials, or unsportsmanlike conduct.
- 2) Consumption of any alcoholic beverage PRIOR to the end of the last race by anyone admitted to Little Sunset Speedway. (If one chooses to consume alcohol on the I80 Speedway premises they cannot reenter the gate into LSS)
- 3) Any person on the premise who appears to be under the influence of alcohol or any other illegal substance.
- 4) Anyone entering the pits without a proper pit pass will be ejected from the property.
- 5) Anyone approaching the flagman or scorer during the race will be automatically disqualified. **THIS INCLUDES DRIVERS, PIT CREWS, FAMILY MEMBERS AND SPECTATORS.** A second offense will result in ejection for a time period determined by race director and/or LSS management.

Unauthorized entry into the tech area and starting grid is not permitted. This also includes other driver's pit areas as well. For your safety and the safety of others, stay in your designated pit area. If there is a Problem, the outsider will be ejected per above rules. Any unauthorized use of the speedway is strictly prohibited. **NO ONE IS ALLOWED ON THE SPEEDWAY WITHOUT PERMISSION FROM A TRACK OFFICIAL.**

*****DRIVERS ARE RESPONSIBLE FOR THEIR PIT CREWS*****

RECREATIONAL DRUGS:

Mandatory 1-year suspension to any driver or crew member under the influence of recreational drugs.

DECISIONS:

All decisions concerning score keeping, suspension, disqualification, fines, and interpretation of rules by LITTLE SUNSET SPEEDWAY are final and only subject to change at the discretion of track officials. Questions regarding race procedure or other decisions will not be discussed while the race program is in progress. Anyone not adhering to this rule will be penalized at track official's discretion, which may include, but not be limited to, ejection, suspension and/or forfeiture of points.

PROTESTS:

Any protest must be submitted in writing to the Tech Director within 15 minutes following the completion of the race. Protest fee for engines is \$50.00. Driver with illegal motor will receive no points (or monies, if applicable) for that event. Second offense will result in loss of all points (and monies, if applicable) accumulated up to and including that event. Money will be refunded to the protester if the motor is found to be illegal. If legal, owner and Tech Director will each receive \$25.00 of the protest fee. Money will be refunded to the protester if the protest is upheld, otherwise the protest is disallowed, and the protester shall forfeit the protest fee.

DISPOSAL: Absolutely no oil or fuel is to be dumped on the ground. All used oil and fuel must be disposed of in designated barrels provided by the speedway. Disposal of tires is the responsibility of the Kart owner. **ANYONE CAUGHT DUMPING OIL OR FUEL ON THE GROUND WILL BE PERMANENTLY BARRED FROM THE SPEEDWAY. THERE WILL BE NO EXCEPTIONS.**

ENTRY FEES AND REGISTRATION:

The gates open and registration begins 2 hours prior to the scheduled start time of the race; your entry fee is to be paid at that time. Registration ends at 7:00 p.m., the scheduled time for the drivers meeting. After that, registration may be made, but the driver must start at the back of the field. Any driver not registered by the official registration completion time will start scratch in any and all qualifying events.

TROPHY HANDOUT: (All classes unless listed in the payout section)

ALL Rookie class participants will receive trophies. All other classes: top three will receive a trophy.

PAYOUT CLASSES:

Flat Karts: Outlaw & Adult Clone, Cage Kart: Sr 206 will receive a 70% payback. Adult Predator Hoosier Flat Kart will pay back 50% of Entry Fees. Any night there is 10+ karts in a given pay class, there will be an extra \$50 added to the purse. Please see purse attachment for more information.

RACING PROGRAM

A normal weekly racing program will consist of two (2) qualifying events and one (1) feature event per class (and "B" features if needed). The number of laps will be set and may be adjusted by the Race Director based on total number of karts entered in a particular class or event.

In the event that there is 3 or less karts entered in any class we will run a single heat race and a single feature event for those classes. The heat race will be run in the second set of heats, and will be 2/3 the length of two heat races combined for example : 2 - 6 lap heat races would be 12 total laps, the single heat race would be 8 laps. Feature length would be number of laps in heat race plus 2 laps.

PIT AREA

NO driving of karts while under power in the pit area. A \$25.00 fine will be enforced for any driver not complying with this rule. This means any point beyond exiting the scale area.

GREEN FLAG:

Begin racing. When all karts are lined up in the proper position and the track is clear, the flagman will wave the green flag when the karts pass by the start line. On all starts and restarts, the race will begin when the green flag is waved

YELLOW FLAG:

1. on the track - slow down and hold your position. The yellow flag is also known as the caution flag. The caution flag will be thrown at the discretion of the flagman if there is a dangerous situation on the track. This is usually the result of a disable kart or a multi-kart collision. On restarts, any kart involved in the caution will be put to the rear of the line-up. If a racer gets sideways and causes a yellow and is not involved in the accident, you will be considered "involved in", and you will also be sent to the rear.

2. In cases of multi-kart collisions causing a caution flag, racers who stall or lose chains will be permitted, in a timely manner, to restart at the tail end of the field. After the field is reformed any kart not ready to race will be given one (1) lap to rejoin the field. If you are not ready, move to a safe location and let the race resume. You will be scored appropriately based on the number of karts remaining in the race.
3. Stalled or disabled karts not under caution (become disabled while the race is underway) will not be permitted to restart the race unless there is another caution. Scoring stops at the point you became disabled.
4. Anyone charged with causing two (2) cautions by themselves, in a feature, will be black-flagged.
5. If the caution flag is brought out after the white flag has been thrown in the heat races, the race will be scored on the white flag lap and will be considered complete.
6. If it occurs in the feature race, we will revert back to two (2) remaining laps (green - white - checkered).

IF YOU SPIN OUT AND ARE STILL UNDER POWER AND CAPABLE OF CONTINUING, THE CAUTION FLAG WILL NOT BE THROWN.

RED FLAG:

Automatic halting of the race. Karts must come to a complete stop in a safe and orderly manner. The race is scored according to the last complete lap under green.

WHITE FLAG:

Signifies one (1) lap remaining in the race.

CHECKERED FLAG:

The checkered flag is waved when the person leading the race crosses the finish line at the completion of the last lap. The first person to complete the designated number of laps for the race is declared the winner.

BLACK FLAG:

Pull off the track immediately in a safe and cautious manner. If the flagman waves the black flag and points at you while you are racing, you must slow down using caution not to interfere with the other racers and exit the track in a safe manner. This could be the result of an unsafe situation developing with your kart; your speed is off pace to the point where it is a danger to other drivers; reckless driving; or unsafe or unsportsmanlike conduct.

TRACK OFFICIALS:

All practice and competition activity on the track is under the immediate control of the Race Director, Flagman, Pit Stewards, and Scorers. All competitors shall adhere to their directions.

RACE PROCEDURE

Practice sessions begin one-half (1/2) hour before race time unless otherwise scheduled. No practice without the Flagman and the safety vehicle present. Length of practice is determined by available time, not the number of karts per class.

LINE UP PROCEDURES and POINTS:

1. All competitors will draw for their line up position for their first heat race. The second round of heat races will be a complete inversion based on the lineup of your first heat race. Accumulated heat points will determine feature line ups with the top 6 being inverted. In the event of a tie in heat points, position will be determined by total points. Heat points will not be used toward season point standings.
2. Points for all classes will be awarded using LSS guidelines and will be announced and published at a future date before the season begins.
3. Any entry not in staging area and ready to race when previous race has ended is subject to start scratch (in the rear of the field) for the race.

YEAR END TRACK AWARDS:

To receive year end track points awards a driver must race in 75% of the point's races for that class.

FEATURE QUALIFICATION:

A predetermined number of karts qualify through the qualifying races heats for the A feature. If more than 16 karts are in the class, a predetermined number will qualify through the heats and a B feature will be run to fill the remainder of the 16 kart 'A' feature starting field.

START:

All karts must stay in line and maintain pace. No acceleration until reaching the designated starting line. Inside pole kart sets the pace. If caution is thrown before completion of one (1) lap, drivers will line up in original positions, with the exception karts involved in incident, which will start in the rear of the field. If the majority of the entire field is involved in the incident, a complete restart with original positions will occur. A single file restart may be signaled at the Flagman's discretion.

RESTART AFTER ONE LAP COMPLETE: Lineup is in the order in which the karts were scored on the last completed green flag lap. If sufficient laps have been completed, the race may be called with points and payout according to the position to be held for restart.

INCIDENT:

Any kart causing a caution, or stopping due to a mishap, and not immediately lining up with other karts, will be considered involved in the incident.

Any kart that rolls over will need to go to the pit area and will not be able to finish that race. They will be able to compete in any upcoming races for the evening.

REPAIRS:

No kart may be attended to on the track without permission. All entries returning to the track shall start in the rear of the lineup when returning to the track. Once the white flag is shown signifying one lap to go, no entry will be allowed back on the track. Only authorized personnel shall be in the infield or on the track at any time during the race program. (Exception - Beginner's class - one adult allowed in the infield with a starter in hand to assist if needed).

COMPETITOR PERFORMANCE:

Continual ill-handling or rough driving will result in disqualification. Any kart, which leaves the racecourse, must return only in a safe manner. Any kart leaving the race surface starts in the rear if a will line up in original positions, with the exception karts involved in incident, which will start in the rear of the field. If the majority of the entire field is involved in the incident, a complete restart with original positions will occur. A single file restart may be signaled at the Flagman's discretion.

RESTART AFTER ONE LAP COMPLETE: Lineup is in the order in which the karts were scored on the last completed green flag lap. If sufficient laps have been completed, the race may be called with points and payout according to the position to be held for restart.

RAINOUTS:

An event will be considered complete if a sufficient number of qualifying events have been run. Feature events will be completed at the next scheduled race night (double features the following race). **POINTS:** Points are awarded for feature races only.

POINT ALLOCATION:

All points are awarded to the DRIVER registered upon entering the pit area.

KARTS:

All bolts must be safely wired or secured with lock nuts. Brakes must be fully operational. Add-on weights must be painted white, have the kart number clearly displayed on the weight, and be bolted on securely per above specs. Number Plates must be in place and the number clearly readable.

TECH

ITEMS – MAY BE TECHED AT ANY TIME

OIL AND FUEL:

Oil and fuel may be teched at any time during the race day. Cubby's Gas Station (87 Octane) will be the standard baseline for the fuel test. No flammable or dangerous additives of any kind are allowed in the crankcase. Any means of testing may be used including smell and appearance. A competitor may be disqualified if his fuel does

not smell the same as a clean fuel sample supplied by the track. Anyone disqualified for oil or fuel infractions will forfeit all points for that day plus an additional 25 points will be taken from his/her accumulated points. **ALL Methanol WILL BE SUBJECT TO TESTING WITH THE WATER TEST.** You are responsible for clean fuel (NO EXCEPTIONS).

SAFETY EQUIPMENT

1. Full coverage (full-face) helmets designed for competitive motor sports use and complying with Snell Foundation 2005, 2010, or 2015 or SFI 24.1 specifications or newer is mandatory. Helmets must be in good condition and are subject to pre-tech inspection. It is recommended that participant label or letter rear area of helmet with blood type or any special medical information such as specific drug allergies.
2. Champ Karts must have arm restraints. Flat Karts do not need arm restraints.
3. Eye protection is mandatory, whether goggles designed for motor sports use or a full visor integral with the helmet.
4. Collar type, unaltered neck braces designed for motor sports use is mandatory in all classes unless using a head and neck type restraint system.
5. Drivers are required to wear jackets of leather, vinyl, or abrasive resistant nylon or equivalent with full-length jeans or protective race pants to prevent or minimize abrasions. Shoes, socks and gloves are mandatory. Fire suits are highly recommended.

SAFETY TECH:

Every driver's personal safety equipment is subject to a pre-tech inspection. There will be a safety inspection required for ALL KARTS before being allowed to enter the racing area of the track. Any kart not passing safety inspection will not be allowed on the track. All karts must pass safety inspection at any time. Brakes must be fully operational and disc must be covered by a wolf plate.

FIRE EXTINGUISHERS:

Fire extinguishers are mandatory in every pit. Please keep them visible and easily accessible not only for yourself, but for others not familiar with your pit. All extinguishers should be ABC dry chemical or Purple K and a minimum of 5# bottle.

OTHER ITEMS:

Anything not covered in the rules will be up to the discretion of the Race Director, Tech Director and Track Officials without recourse from any owner, driver, crewmember, or spectator.

The rules and regulations set forth and contained herein are designed to provide for the orderly and SAFE conduction of racing events and to establish minimum acceptable standards and requirements for said events. The Race Director shall be empowered to deviate from the established rules and procedures as deemed necessary.

Track officials will act upon any rules not covered as situations arise and will be added to the rules as necessary. **FLAG DESCRIPTIONS AND RACE PROCEDURES** There will be six (6) colored flags used by the flagman to control the race. They are green, red, white, yellow, checkered, and black. It is the flagman's job to relay information regarding the status of the race to the drivers by waving the various flags. It is the responsibility of the drivers to observe the flagman's motions each time he/she passes by the flag stand during the race. **NO GoPro camera will be legal on a cage and/or flat karts or attached to helmets.**

Weekly Classes

Clone Flat Karts

Maxxis Tire Only – Jr1 and Jr 2 and Adult Clone Flat Karts Maxxis Midwest Series/NKA Clone Rules

Jr. 1- Age- 8-12 NKA Clone - min weight- 265lbs., Restrictor plate- .425 Green. Small Pipe

Jr. 2- Age- 12-15 NKA Clone - min weight- 315lbs., Restrictor plate- .500 Purple. Small Pipe

Adult Clone Gas- NKA Clone - Age- 16+, minimum weight- 370lbs., no restrictor

Outlaws - Age- 16+, no minimum weight, no restrictor. This class is for any Flat Kart who does not conform to the rules for any other class. Anything goes. Must meet safety requirements. No aluminum body panels allowed

Flat Kart numbers: Must have a number on top of the right front fender/hood, and both side panels. Also must have a black on white, or white on black number plate on the rear bumper. All numbers must have a height of at least 6 inches and be a legible font and color. Any additional letters must be at least 3 inches in height and legible.

Flat Kart Transponders – Must be mounted at the Base of the steering Shaft utilizing a RACEceiver Transponder Mounting Pouch (Speedway part # 910150505) – Racer Is Responsible for purchasing pouch, any Transponder Mounted in any other way is subject to being charged for replacement.

Maxxis Midwest Series/NKA Rules will be used unless otherwise noted – NKA Rules means no porting of the cylinder head allowed.

Predator Flat Karts

The Predator Flat Karts will follow the same rules package as Tuxedo Raceway Park.

Jr. 1 Predator:

- Ages 8-12
- 212 Hemi Predator part #60363
(See Predator Engine Rules)
- Drum / Shoe Clutch only
- .425 Green Restrictor Plate
- Hoosier D10 or D20 Treaded tires
(See Tire Rules)
- 265 lbs

Jr. 2 Predator:

- Ages 12-15
- 212 Hemi Predator part #60363
(See Predator Engine Rules)
- Drum / Shoe Clutch only
- .500 Purple Restrictor Plate
- Hoosier D10 or D20 Treaded Tires
(See Tire Rules)
- 320 lbs

Adult Predator:

- Ages 15+
- 212 Hemi Predator part #60363
(See Predator Engine Rules)
- Drum / Shoe Clutch Only
- Hoosier D20 Treaded Tires
(See Tire Rules)
- 360 lbs

Hoosier Tire Rules:

*Tire sizes are as follows -

- Left Front: 11.0 x 5.5 - 6
- Right Front: 11.5 x 9.0 -6

- Left Rear: 11.0 x 6.5 - 6
- Right Rear: 11.5 x 9.0 - 6
- ABSOLUTELY NO PREP! No tire softeners, no conditioners, no altering of tires with any natural or unnatural chemicals, no hazardous or nonhazardous components or chemicals which alter the factory set baseline settings of a given tire.
- Durometer test will be enforced at every event!
- Tires CANNOT be Washed, Grinded, Cut, Siped, Grooved, Etc., Once Tires go out on track they can not be washed, cleaned until after feature event. Clean tires brought to the line up will result in DQ.
- 2/32. minimum tread depth (Measured on the center treads of the tire) before race.
- 1 set of tires per event

Predator Engine Rules:

- The engine is to remain stock as from factory and will be teched against a stock engine:

-Harbor Freight Predator 212cc Hemi motor. Part number 60363, must run thick head gasket.

- Removal of governor ok
- Removal of the fuel tank is mandatory
- Must use Stock air box and Stock Filter (you may add extra foam the filter)
- No modifications to the air box, All extra holes must be plugged
- Valve cover vent must go to the air box. No catch cans allowed
- .031 no go on main jet
- Low-speed jet will not be teched.
- Valve springs will be teched to clone 10.8 and 18-pound checks.
- No valve spring shims allowed
- Weenie pipe and muffler are OK. Refer NKA 40.4.6: mini/weenie exhaust system
- header must be wrapped but not muffler.
- Drum/shoe type clutch only
- Cam lift and duration will be teched against a stock Harbor Freight 212cc Predator Hemi engine part number 60363

LSS Cage Karts

Must Use all 4 Carlisle or Racesaver Hoosiers – No Mixing Must stay on same Brand for Heats and Feature.

Rookie Gas- Age: 5-8 years EIRI (NO EXPERIENCE) - Standing Start *We Reserve the right to ask any driver to move up to the charger class*

We will allow an older kid to make a few starts in this class if necessary to make sure they are comfortable but this class is for the purpose of teaching the kids the very basics, once they show they are capable we will be encouraging them to move to the charger class.

Rookie Cage Kart Races Start from a standing Start – It is your responsibility to ensure that your kart will Idle and Run after started – Karts that will not stay running will be pushed to the infield if it requires multiple attempts.

Weight: No Minimum Weight

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing or Roller Bearings 12 tooth driver only Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations) Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x

6 inch width maximum measured bead to bead (outside edge to outside edge) Racesaver Hoosier Tires are allowed on the same wheels as above. Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver) Hoosier tires must have RaceSaver Stamp, no alterations, must have tread.

Minimum Durometer: **TBD**

Engine Specific Rules:

AKRA BSP / Yellow LSS BSP/ Racesaver Clone

Restrictor: - ARC .375 Red Plate

Exhaust: pipe #DJ1137 for AKRA BSP Clone

Air Filter Adapter: 6931ARC for AKRA BSP Clone

Air Filter: 4" tall angled or straight for AKRA BSP Clone

Flywheel: Since Steel flywheels are no longer being produced, we will be allowing the PVL Aluminum flywheel part # DC-PVL-FW, or you can use the previously allowed Steel Flywheels – min. 5lb. 4 oz. including plastic fins must meet 2016 AKRA Specs, Unported Cylinder head or Racesaver Specs – Not required to be track sealed

LSS Spec Intech

Must be run as purchased from LSS no modifications allowed

Blue Restrictor plate

212 Predator Option

.425 Green ARC Plate

Predator Classes Engine Rules: must be box stock, only governors can be removed from motor. Gas tanks and air filters must remain stock and mounted stock. See claim rule under “claim” section.

1. Air cleaners will be the standard air cleaner that is purchased with the motor from Harbor Freight.
2. Exhaust system needs to be the standard of what comes with the predator motor, no alterations allowed
3. SPARK PLUGS FOR PREDATOR ENGINE: Must be TORCH F7TC or AUTOLITE AR3910X

LO206 Option

LO206 Must use Purple (B&S #555735) Slide – with Briggs and Stratton P/N 555726 Locking Cap properly installed at all times.

We will be using the 2021 Briggs racing Rule Set that can be found under www.briggsracing.com/racing-engines/206 All engines will be teched utilizing this set of rules, if it calls out a B&S Manufactured part you will be required to have the correct parts that are called out, No aftermarket or unstamped parts allowed.

The only exceptions to the Briggs Racing Rules will be as follows:

1. Briggs and Stratton spec air filter is allowed but not required, the use of an aftermarket air filter is allowed, it must be of similar size and construction as the Briggs filter – I.E. No open ended R2C Filters allowed
2. No Exhaust Silencer is allowed. Open RLV 5506 or 5507 Briggs Exhaust pipes only – only allowed to be bent for chassis clearance.
3. The Briggs spec clutch is not required use of any of the 3 clutches listed above takes precedent over the Briggs rules
4. Autolite AR3910X is only acceptable Spark plug.
5. Tape On shroud is OK
6. Use of a 206 Engine that does not have the current sealing system in the briggs rules may be allowed with permission from tech inspector, must notify tech that it does not have one of 2 current acceptable seals before racing.

Charger Gas- Age: 5-9 years EIRI Maximum of 2 full seasons in this class

Weight: Minimum of 280lbs

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing or Roller Bearings 12 tooth driver only

Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations)

Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge) Racesaver Hoosier Tires are allowed on the same wheels as above. Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver) Hoosier tires must have RaceSaver Stamp, no alterations, must have tread. Minimum Durometer: TBD

Engine Specific Rules:

AKRA BSP Clone/ Racesaver Clone

Restrictor: - ARC .375 Red Plate

Exhaust: pipe #DJ1137 for AKRA BSP Clone

Air Filter Adapter: 6931ARC for AKRA BSP Clone

Air Filter: 4" tall angled or straight for AKRA BSP Clone

Flywheel: Since Steel flywheels are no longer being produced, we will be allowing the PVL Aluminum flywheel part # DC-PVL-FW, or you can use the previously allowed Steel Flywheels – min. 5lb. 4 oz. including plastic fins must meet 2016 AKRA Specs, Unported Cylinder head or Racesaver Clone specs – Not required to be track sealed.

212 Predator Option

.425 Green ARC Plate

Predator Classes Engine Rules: must be box stock, only governors can be removed from motor. Gas tanks and air filters must remain stock and mounted stock. See claim rule under “claim” section.

1. Air cleaners will be the standard air cleaner that is purchased with the motor from Harbor Freight.
2. Exhaust system needs to be the standard of what comes with the predator motor, no alterations allowed
3. SPARK PLUGS FOR PREDATOR ENGINE: Must be TORCH F7TC or AUTOLITE AR3910X

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1. Briggs and Stratton spec air filter is allowed but not required, the use of an aftermarket air filter is allowed, it must be of similar size and construction as the Briggs filter – I.E. No open ended R2C Filters allowed
2. No Exhaust Silencer is allowed. Open RLV 5506 or 5507 Briggs Exhaust pipes only – only allowed to be bent for chassis clearance.
3. The Briggs spec clutch is not required use of any of the 3 clutches listed above takes precedent over the Briggs rules
4. Autolite AR3910X is only acceptable Spark plug.
5. Tape On shroud is OK
6. Use of a 206 Engine that does not have the current sealing system in the briggs rules may be allowed with permission from tech inspector, must notify tech that it does not have one of 2 current acceptable seals before racing.

Chassis: Standard Sprint type (see diagram)

Jr. 1 AKRA Gas- Age: 6-11 years

Weight: minimum of 310lbs

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing or Roller Bearings 12 tooth driver only

Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations)

Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge) Racesaver Hoosier Tires are allowed on the same wheels as above. Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver) Hoosier tires must have RaceSaver Stamp, no alterations, must have tread. Minimum Durometer: TBD

Restrictor: AKRA BSP Clone- ARC .425

Exhaust: pipe #DJ1137 for AKRA BSP Clone Air Filter Adapter: 6931ARC for AKRA BSP Clone

Air Filter: 4" tall angled or straight for AKRA BSP Clone

Chassis: Standard Sprint type (see diagram)

Flywheel: Since Steel flywheels are no longer being produced, we will be allowing the PVL Aluminum flywheel part # DC-PVL-FW, or you can use the previously allowed Steel Flywheels – min. 5lb. 4 oz. including plastic fins
Engine options: 2016 Rules AKRA BSP clone box stock or Racesaver Clone

Jr. 2 AKRA Gas- Age: 12-15

Weight: minimum of 350lbs

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing or Roller Bearings 12 tooth driver only

Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations).

Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge) Racesaver Hoosier Tires are allowed on the same wheels as above.

Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver)

Hoosier tires must have RaceSaver Stamp, no alterations, must have tread. Minimum Durometer: TBD

Restrictor: AKRA BSP Clone- ARC .500

Air Cleaner: Any type, aftermarket air filter adapter

Exhaust: pipe #DJ1137 for AKRA BSP Clone

Air Filter Adapter: 6931ARC for AKRA BSP Clone

Air Filter: 4" tall angled or straight for AKRA BSP Clone

Chassis: Standard Sprint type (see diagram)

Flywheel: Since Steel flywheels are no longer being produced, we will be allowing the PVL Aluminum flywheel part # DC-PVL-FW, or you can use the previously allowed Steel Flywheels – min. 5lb. 4 oz. including plastic fins

Engine options: 2016 Rules AKRA BSP clone box stock or Racesaver Clone

Predator Gas- Age: Open

Weight: minimum of 360bs.

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing only – No Roller Bearings 12 tooth driver only

Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations)

Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge) CARLISLE ONLY

Restrictor: None

Chassis: Standard Sprint type (see diagram)

Engine options: **Predator Classes Engine Rules: must be box stock, only governors can be removed from motor. Gas tanks and air filters must remain stock and mounted stock. See claim rule under “claim” section.**

1. Air cleaners will be the standard air cleaner that is purchased with the motor from Harbor Freight.
2. Exhaust system needs to be the standard of what comes with the predator motor, no changing them
3. SPARK PLUGS FOR PREDATOR ENGINE: Must be TORCH F7TC or AUTOLITE AR3910X
4. Valve cover vent must go to the air box. No catch cans allowed
5. Stock means stock, as it comes out of the box.
6. 212 Hemi Headed Predators 69730, 60363 or Non Hemi Headed Part # 69727

JR Wazoom Cage – Age 14+

Weight – Minimum 400lbs

Clutch – Open

Fuel – Methanol

Engine Rules – This class will follow IKF 2018 Jr Wazoom rules as published. Sections 720 720.1 - 720-18

Tires - Wheels Front- Hoosier item #11920 for LR, LF, RF (35.5" tire, D30 compound only, with minimum 6" rims, maximum 8.5" rims) Rear- Hoosier item #11950 for RR (37.0" tire, D30A Compound only, on a 10" rim) Hoosier item #11920 for LR, LF, RF (35.5" tire, D30 compound only, with minimum 6" rims, maximum 8.5" rims)

OR

Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge) Racesaver Hoosier Tires are allowed on the same wheels as above. Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver) Hoosier tires must have RaceSaver Stamp, no alterations, must have tread

Tach: MyChron is allowed in Jr Wazoom Class

Chassis: Standard Sprint type (see diagram)

SR 206 Gas – Age: 1 full year in Jr Cage kart class or Age: 14+

Weight: minimum of 400lbs.

Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame.

Bushing Style bearing or Roller Bearings 12 tooth driver only

Tires: Front- Carlisle turf savers 13x5x6 Rear- Carlisle Turf Masters 13x6.5x6 (no alterations)

Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge)

Racesaver Hoosier Tires are allowed, Wheels: Approved metallic materials only. No plastic or carbon fiber wheels allowed. Rear wheel is 6 inch diameter x 7 inch width maximum and front wheel in 6 inch diameter x 6 inch width maximum measured bead to bead (outside edge to outside edge). Front-Hoosier Part #11901RS (11.0x5.5-6 RaceSaver) Rear-Hoosier Part #11939RS (12.0x8.0-6 RaceSaver) Hoosier tires must have RaceSaver Stamp, no alterations, must have tread. Minimum Durometer: TBD

LO206 Must use Factory Black Slide (B&S #555590)

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2. No Exhaust Silencer is allowed. Open RLV 5506 or 5507 Briggs Exhaust pipes only – only allowed to be bent for chassis clearance.
3. The Briggs spec clutch is not required use of any of the 3 clutches listed above takes precedent over the Briggs rules
4. Autolite AR3910X is only acceptable Spark plug.
5. Tape On shroud is OK
6. Use of a 206 Engine that does not have the current sealing system in the briggs rules may be allowed with permission from tech inspector, must notify tech that it does not have one of 2 current acceptable seals before racing.

Chassis: Standard Sprint type (see diagram)

Tach: MyChron is allowed in SR 206 Class

ALL 206 Classes:

LOCAL OPTION 206 MOTORS (LO206)

1. Local Option 206 Engine must remain stock with NO alterations of any kind (valve springs, fuel pump, , carb jets, kill switch). EVERYTHING just as Briggs & Stratton has manufactured with the exception of choice of oil, rotation of starter recoil for ease of starting and choice of air filter. Filter must attach to throat of carb, NO adaptor is allowed. No reading between the lines, if it is not in the rules it must remain stock and unaltered.

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www.briggsracing.com/racing-engines/206

Cage Kart Rules (All Classes) - All Cage Karts must conform to chassis and cage drawing attached to these rules. All spec. parts, tires, and engines must conform to Little Sunset Speedway rules.

Cage Kart Engines: -*All AKRA Engines for Rookie, Junior 1, and Junior 2 cage karts are a 2016 Rules AKRA Box Stock Project Clone – No head porting allowed. ****It is not required that these engines be sealed to race at Little Sunset Speedway, when possible we will respect the seal of other tracks that does not mean that we will not take engine apart if we feel it is necessary. Engines that are not sealed are likely to receive much greater tech to insure a level playing field**.**(LO206 Engines must have factory seals in order to be eligible to race.)* Pull starting mechanism must remain on the engine. –Little Sunset Speedway reserves the right to tech any part of the engine or kart if you make tech (top 3) out of a main event. - Spec. engines must remain stock with NO alterations of any kind.

Front Track Width Outside of widest point of tire or wheel measured at the ground is Minimum 38 1/2" Max 52"

Rear Track Width Outside of widest point of tire or wheel at center of axle is Minimum 40" Max 52"

Wheel Base: Minimum 42" Maximum 45" Center of axle to center of spindle. Will Set left side to 42" and measure Right Side – Both sides must be 42" or over. If closer to 45" will set Right side to 45" and Left side must be 45" or under.

- Any engine tampered with will be confiscated and kept by the track. - Only changes allowed are oil, air filter and spark plugs. - Gas only, no alcohol or additives allowed. - No oil additives allowed - Only spec headers with minor adjustment clearance allowed

Cage Kart Numbers: Cage Karts: Must have a number on the front hood, and both side panels. Also must have a black on white or white on black number plate on the top, rear portion of the cage. All numbers must have a height of at least 6 inches and be a legible font and color. Any additional letters must be at least 3 inches in height and legible.

On-Board Computers: Including tachometer, lap timer and temperature gauges are not allowed at any time. Must be removed from Kart not just disconnected. SR 206/Adult Cage and Wazoom Classes are allowed to use a mychron for 2021 :

Cage Kart Transponders – Must be mounted on the rear horizontal cross bar behind the seat – Pouch Under the bar with the Silver Label side of the transponder facing down - utilizing a RACEceiver Transponder Mounting Pouch (Speedway part # 910150505) – Racer Is Responsible for purchasing pouch, any Transponder Mounted in any other way is subject to being charged for replacement.

Except for SR 206 and Wazoom Classes No Wiring allowed in Kart for Tach or Data Logger, Must Be removed from kart completely.

The use of Titanium, Carbon Fiber or other Exotic materials on the kart is not allowed, Steel, aluminum, or Stainless Fasteners only

Seats: - Approved aluminum high back seat and 4 or 5 point driver restraint systems are mandatory.

A kart brake disc protector is required between the seat and the brake disc

All Karts Must have Chain Guard on Rear Gear and Clutch guard must be in place at all times on the track
Carbon Fiber Gear Guards are legal and allowed.

Both Rear Tires Must be Positively Driven at all times both on Acceleration and Deceleration (No Ratcheting Hubs).

Cage Kart Tire Rules

All Cage Kart Tires must remain unaltered. NO chemical treatment / tire prep or any other alteration to the tires. This includes siping grooving and needling. Scuffing tires for the purpose of cleaning them is allowed this does not allow you to alter the tread, any scuffing that leaves marks in the tread is subject to disqualification. Tires are subject to durometer testing at any time. No Substance of any kind inside of tires, this includes but is not limited to chemicals, powders or balancing substances.

~~Tire depth minimum of 1/16" or 2/32" on a tire gauge *this is across the entire surface of the tire before race starts*~~

Tread pattern must be visible across entire surface of tire before race begins.

Cage Kart Claim Rules:

Engine Claim Rules

1. Predator motors can be claimed by any driver in the same predator class for \$150 US dollars. Claim will include everything that is purchased new from (ex. Harbor Freight) minus governor.
2. LSS will have the right to claim at any given time. The driver's original motor must tech legal
3. Anyone with a 206 Local Option sealed motor, claim will be \$475 US dollars without header or clutch or exchange for \$75 US dollars without the header or clutch at the option of the claimee.

TIRE CLAIM

1. (Prices subject to change) Rear tire can be claimed for \$35 or exchange, per tire, after the 'A' feature following the same procedure as the engine claim. Front tires can be claimed for \$25 or exchange, per tire, after the 'A' Feature following the same procedure as the engine claim

BODY

1. NO tin or metallic (aluminum) type bodies or body parts allowed. Fiberglass or plastic are the required materials. (hood and side panels)
2. Champ Kart hood can have NO added material (fiberglass, plastic, etc.). NO spoilers, air dams, full or partial belly pans. Tail tank is allowed. **No Floor outside the width of main rails.**
3. Sun Shields are allowed up to 6" down on both sides of the cage plastic or tape only, no metal.
4. Only Lexan or approved Go-Kart graphic savers such as G-Man graphic savers will be allowed for side panel protection

Side panels are required on both sides of the cart maximum height of 11"

5. No raised lips on the hood, panels made out of roll plastic are allowed however the panels must not have any fins or edges designed to catch air, panels should transition similar to a molded component.

Bodies that meet the specifications of other area tracks are allowed, any body that is considered to be out of the spirit of the class may be asked to be modified at the tech directors discretion.

TOP VISOR SPECS

1. Maximum overall height is 6 ¼" tall, and no wider than the width of the down tubes.
2. Maximum roll back at top bend of down tubes is 2".

*****NOTICE*****

The Race Director is empowered to make changes and deviate from the rules or established procedures at his discretion. All official's decisions are final.

For more information contact the Little Sunset Speedway - Office Phone: 402-342-3453 Hours 9am-3pm Please join the text blast for first to know for rainouts, at our website www.littlesunsetspeedway.com then click on the join text blast link.

Jody Krug

(402) – 598-3050

(402) – 734-7139

Race Day Phone:

(402) – 659-3301

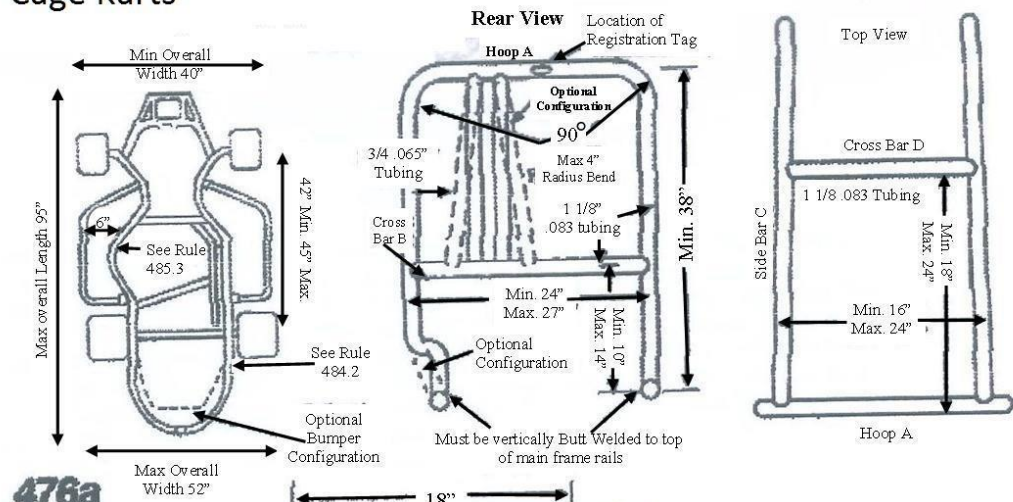
(402) – 342-3453

Tech Information Bob Ward:

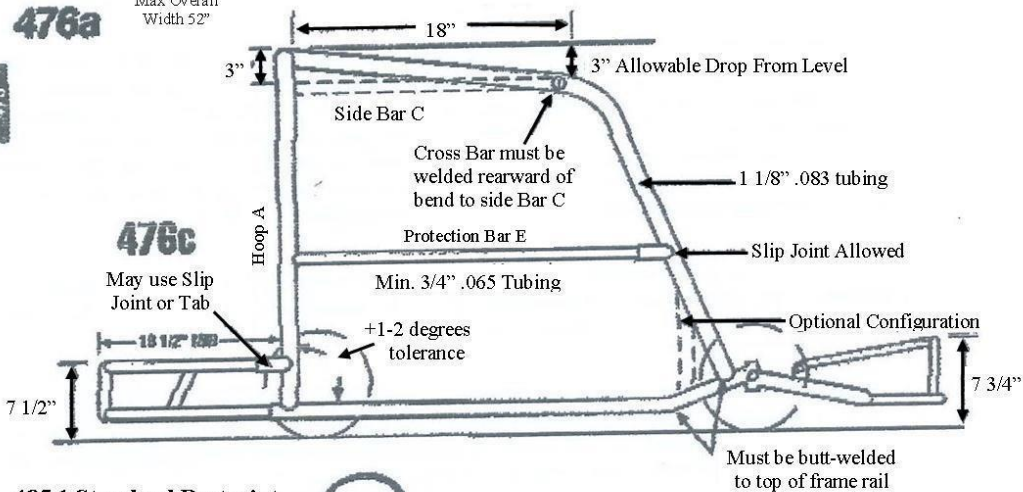
(402) 681-3948 Call Between 5-9 PM or text anytime

Little Sunset Speedway Cage Karts

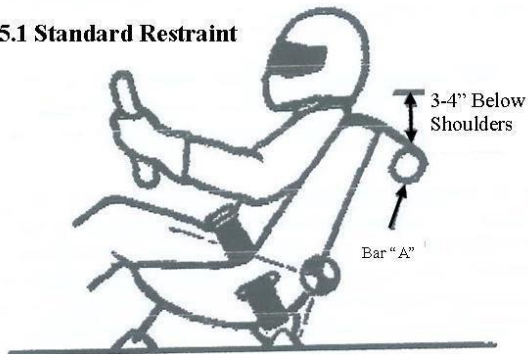
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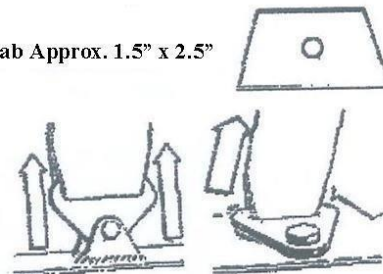
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485.1 Standard Restraint



Tab Approx. 1.5" x 2.5"



RIGHT

WRONG