

## 2025 Turkey Chase Rules

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.

### 1 General Rules

#### 1.1 Knowledge and Awareness

It is the responsibility of the driver and team to know and understand our rules, including both General Rules as well as the class(es) they are participating in. We take our rules seriously at Little Sunset Speedway/2025 Turkey Chase and will enforce them as needed.

rules are subject to change, as needed.

#### 1.2 Proof of Age

Little Sunset Speedway/Turkey Chase 2025 reserves the right to request proof of age of any driver at any time.

Age for all LSS Cage Kart Classes will be determined using LSS Rule - Age on December 26th 2024 is age for 2025 Turkey Chase.

Age for all Flat Kart and Wing Classes will be determined using NKA Rule "Competition Age 10.3.5.1" Age Turned during 2025 is Age for Turkey Chase

#### 1.3 Wrist Bands

All who pass through the gate are responsible to know policies, rules and regulations set forth herein and will be given a wristband with purchase of pit pass. Wristbands should be

always visible and must be displayed upon the request of any track official. Failure

to comply with this rule at any time will result in the immediate ejection from the pit area. If person is found to be associated with a race team, that race team will additionally be subject to penalties, up to and including, expulsion.

1.4 Right to Refusal Little Sunset Speedway/Turkey Chase 2025- reserves the right to refuse pit entry, spectator area entry, and participation to any individual(s) with or without explanation.

#### 1.5 Decisions

All decisions concerning score keeping, suspension, disqualification, fines, and interpretation of rules by Little Sunset Speedway/Turkey Chase 2025 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 and or disqualification from the event.

#### 1.7 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 RACEWAY. THERE WILL BE NO EXCEPTIONS.**

#### 1.8 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.

##### 1.8.1 Participants Insurance

Available upon request is a certificate of insurance which covers everyone signed in at the pit gate. We recommend however, that every participant have their own personal medical coverage

##### 1.8.2 Liability Insurance

Every driver is expected to inspect the racing surface to learn of any defects, obstructions, or anything else which, in his or her opinion, is unsafe for racing. He or she should immediately report any conditions, if discovered, to officials and/or

management. Any driver entering an event is considered to have inspected the track and found all conditions satisfactory to them. Drivers understand the risks of auto racing when they enter an event. Little Sunset Speedway/Turkey Chase 2025 assumes no responsibility for

damage to or loss of your equipment, vehicles, or any parts whatsoever.

#### 1.9 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/Turkey Chase 2025, its promoters, or officials, regardless of negligence.

#### 1.10 Accident Policy

All injury reports are to be filed with the raceway on the day of the incident. 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. A Cage Kart that tips on to its side is not considered rolled over. If at anytime the kart becomes top of cage down or further during a wreck that driver will not be allowed to continue in that race.

If the driver's helmet comes in contact or is perceived to come in contact with the race surface, the driver will not be allowed to compete for the remainder of that race subject to the discretion of the race director.

#### 1.11 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.

#### 1.12 Inspection

Any kart is subject to a full inspection by a track official at any time prior to receipt of payout by the kart's owner for the day's events. Failure to comply will result in disqualification.

Following the conclusion of each feature race, the top three feature karts (or any other number of karts will be announced prior to feature start), 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. If a kart is being raced in multiple weight classes and it is subject to technical inspection that kart must not leave the tech area at the conclusion of its final race of the event. Failure to present kart for inspection after the event will result in disqualification.

## 2 Sportsmanship and Conduct

### 2.1 General

Drivers will, at all times, be responsible for their own conduct and the conduct of their crews. Any offense committed by a crew member may be chargeable directly to the driver.

### 2.2 Rough Driving

Rough driving will not be tolerated and will result in a loss of position(s) and/or disqualification of the driver/drivers involved. It is expected that pit crews, fans and family members conduct themselves in a sportsman like manner as well. Any car owner, driver, or crew member that in any way is discourteous to an official or addresses any official in a non-professional manner shall subject the team or kart they are affiliated with to suspension

### 2.3 Fighting

FIGHTING IS ABSOUTELY PROHIBITED! Any fighting anywhere on the premises will subject the offender, and the kart or karts they are associated with, to being removed from the event.

No driver may get out of their kart or stop on the racing surface to argue or discuss a race situation with the flagman or officials. Violation of this rule will result in disqualification

### 2.4 Unsportsmanlike Conduct

Any competitor that displays unsportsmanlike conduct during the event, verbal or physical will be disqualified from the event and depending on the severity may be disqualified for the remainder of the weekend. This decision will be made by the promoter and or race director. Drivers are responsible for the actions of their crew. We reserve the right to remove anyone at any time from the facility and event.

## 3 Safety

### 3.1 RaceCeivers

Mandatory in all classes. Channel 454.00. This is to help speed up the show and provide extra safety for the drivers. Rear Number plates will greatly help drivers line up in a timely manner.

### 3.2 Open Flame

Open flames are not permitted at any time in the pit area at Little Sunset Speedway/Turkey Chase 2025 . Going inside a trailer to use an open flame is still considered in the pit area.

### 3.3 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 Purple K or ABC dry chemical.

### 3.4 Weight / Ballast

All weights should be secured to kart with a bolt that is 5/16" or larger.

Weights that are not safety pinned must be double nutted or nylocked. Drivers are encouraged to use fender style washers when mounting weight to fiberglass seats.

All weights must be painted weight and contain a number, written in permanent fashion (paint, marker, etc.), that matches the number on the kart.

Any weight that comes off during an event will result in dq regardless of the weight at the scale.

### 3.5 Helmets

Full coverage (full-face) helmets designed for competitive motor sports use and complying with Snell Foundation 2015 or CMR 2016 or newer is mandatory.

Helmets must be in good condition and are subject to pre-tech inspection. All long hair must be secured and/or tucked into drivers suit and/or helmet.

### 3.6 Neck Brace

Collar type neck braces or Hans style devices designed for motor sports are mandatory.

### 3.7 Cage Kart Safety and Apparel Specific Rules

- Suit: A racing jacket, firesuit or karting jacket is required
- Gloves and Shoes: required.
- Quick Release Steering Wheel
- Seat Belts: MANDATORY. Mandatory 4-point minimum harness must be

commercially manufactured for motorsports with SFI rating.

- Shoulder Belts Cannot be mounted to vertical cage rails and must be lower than the driver's shoulder blades.
- Arm Restraints Mandatory must prevent drivers arms from getting outside of roll cage
- Body: If any bodywork inhibits the view of the driver, specifically in the junior classes, we reserve the right to ask modifications be made for the safety of the driver.
- No bodywork can cover the front tires.
- See Section 10.6.2 Body Requirements for more information.

### 3.8 Flat Kart Specific Safety and Apparel Rules

- Chest Protectors: All rookie and junior drivers up to 13 years in all divisions are required to wear a chest protection device with SFI specification 20.1.

#### Racewear.

- Gloves: Gloves are required in all divisions. It is highly recommended to use a glove with a leather palm.
- Suits/Jackets: Driving suits of one or two piece design made of abrasion resistant material are preferred. Leather jackets produced for racing are acceptable, with full length pants free of holes to be worn. Hoodies are not allowed, and all long hair must be secured and/or tucked into drivers suit and/or helmet.
- Footwear: High top shoes or boots designed for motorsports use are recommended. Closed toe shoes of most types are allowed. All shoes, regardless of type, must be properly laced and/or buckled at all times in any on-track session and must be free of holes or signs of extensive wear.

### 4.3 Scoring

#### 4.3.1 Scoring

Officials determine all finishing positions, and their decisions will be final. Little Sunset Speedway/Turkey Chase 2025 will not use any spectator/unofficial video replays for scoring purposes.

### 5 Racing Procedures

#### 5.1 Starts

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 lap, drivers will line up in original positions, with the exception karts involved in the 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.
- If front row does not start side by side, they will be given a warning. If they do not start side by side the second start, they will be moved back a row. If the next start is not side by side, we will move to a single file start with the original front row being returned to first and second

#### 5.1.1 Rookie Starts

Rookies will start from a stop under the flag stand at the beginning of the race for Cage Karts, rolling starts for Flat Rookies. Rookie Cage Karts will restart from a standing start at the flag stand. Red will come out to stop the karts, yellow will come back on to signal kart to roll back to the front stretch to be re aligned.

#### 5.5 Repairs

No kart may be attended to on the track. All entries returning to the track shall start in the rear of the lineup when returning to the track.

Only authorized personnel shall be in the infield or on the track at any time during the race program.

#### 5.6 Line Up

In the event there is a scratch on the grid before the karts roll on to the track all karts from that point back in the line up will criss cross and move forward. Starting position will be considered where the karts take the initial green flag. In the event of a kart dropping out after initial start the rows will move straight forward.

### 9 Tech

#### 9.1 Fuels and Lubricants

Fuel will be specified for each specific class. No performance Enhancing additives may be added to oil.

Spec Fuel For the 2025 Turkey Chase will be Murphy's Express Pump #8 Non Ethanol 87 for all classes that race using gasoline, you are responsible for having clean fuel that matches our baseline fuel. Address is Murphy's Express 3301 N 85th Street Lincoln, NE

#### 9.4 Tire Testing

We reserve the right to test tires as needed, we may require tire samples, we may utilize durometer or any other means of testing we deem necessary, We may require you to dismount tires for inspection as well.

#### 9.5 Pre Tech

Pre Race Tech will occur for the classes that race on Friday, On Friday Morning of the event, Karts that are not running a race and only practicing will not pre-tech until Saturday Morning. There will be a sheet that each kart owner will be responsible for filling out and marking that they in compliance with each section. The Back Yard Class and Predator Flat Kart Classes will be required to have the 4 date codes off their tires at the time of pre tech. After initial pre tech , kart will not need to return the next day unless engine has changed or the use of a completely different kart. Any Kart that does not come through pre tech will be disqualified at the end of event. Fuel Testing will also be available during the pre tech time.

## **11.2 Flat Kart**

### 11-1 Table of Flat Kart Classes

| <b><u>Flat Kart Classes</u></b> | Weight | Pipe   | Silencer | Plate      | AGE   | Notes                                                  |  |  |  |
|---------------------------------|--------|--------|----------|------------|-------|--------------------------------------------------------|--|--|--|
| Adult Clone Super Heavy         | 425lbs | open   | 4104     |            | 16+   | Driver must weigh 200lbs using NKA protocol            |  |  |  |
| Adult Clone Heavy               | 375lbs | open   | 4104     |            | 16+   |                                                        |  |  |  |
| Adult Clone Medium              | 345lbs | open   | 4104     |            | 16+   |                                                        |  |  |  |
| Jr2 Clone Heavy                 | 320lbs | weenie | 4117     | .550 BLUE  | 12-15 | 12 Year Old Can Not Race Jr1 AND Jr2 on Same Day       |  |  |  |
| Jr2 Clone Medium                | 300lbs | weenie | 4117     | .550 BLUE  | 12-15 | 12 Year Old Can Not Race Jr1 AND Jr2 on Same Day       |  |  |  |
| Jr1 Clone Heavy                 | 270lbs | weenie | 4117     | .425 GREEN | 8-12  | 12 Year Old Can Not Race Jr1 AND Jr2 on Same Day       |  |  |  |
| Jr1 Clone Medium                | 250lbs | weenie | 4117     | .425 GREEN | 8-12  | 12 Year Old Can Not Race Jr1 AND Jr2 on Same Day       |  |  |  |
| Jr1 Clone Lite                  | 235lbs | weenie | 4117     | .425 GREEN | 8-12  | 12 Year Old Can Not Race Jr1 AND Jr2 on Same Day       |  |  |  |
| Rookie flat                     | no min | weenie | 4117     | .375 RED   | 5-8   | Gear Rule 12T Clutch and Choice of 55, 56, 57 Sprocket |  |  |  |
| Outlaws                         | No min | Open   | Open     |            | 16+   | No Spec Tire / No Spec Fuel/ No Alum Body              |  |  |  |



|                                                                                                                                                                                                                                                                                                                                                 |        |       |                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|----------------------------------------------------------------------------------------------|
| Predator Flat Karts                                                                                                                                                                                                                                                                                                                             | Weight | Age   | Spec Fuel - Murphys Express 87 Octane Non-Ethanol - Pump 8                                   |
| <b><u>Predator Flat Karts - Hoosier Adult</u></b>                                                                                                                                                                                                                                                                                               | 360lbs | 15+   | <b><u>The Rules Below Apply to all Hoosier Predator Flat Karts</u></b>                       |
|                                                                                                                                                                                                                                                                                                                                                 |        |       | <b>Engine Rules are posted at the bottom of Rules Sheet</b>                                  |
|                                                                                                                                                                                                                                                                                                                                                 |        |       | All Tires Must have 1mm of tread on middle 2 grooves before race- Remainder of Tire must     |
| <b><u>Predator Flat Karts - Hoosier JR2</u></b>                                                                                                                                                                                                                                                                                                 | 320lbs | 12-15 | Have Tread Pattern on Tire - Tech Officials decision will be final.                          |
| .500 Purple Plate                                                                                                                                                                                                                                                                                                                               |        |       | <b><i>If it does not say you CAN do something to the Predator engine - YOU CAN NOT!!</i></b> |
| <b><u>Predator Flat Karts - Hoosier JR1</u></b>                                                                                                                                                                                                                                                                                                 | 265lbs | 8-12  | NO Prep - NO heated Tires, Must run same 4 tires from Hotlaps to end of A Feature.           |
| .425 Green Plate                                                                                                                                                                                                                                                                                                                                |        |       | If Same Set of tires ran in heat races do not have tread depth of 1mm before A - DQ          |
| Special note on Tires - One set of tires used per night - Same Four used in same location for Hotlaps Heat Races and Features                                                                                                                                                                                                                   |        |       |                                                                                              |
| Any Tire that requires being changed will result in Having to start at the rear of remaining races for that evening. Tires will be marked and Serial Numbers will be recorded. No Cleaning/Washing/Sanding of tires after they have been presented for Pre Tech - Must remain uncleaned for entire event - No Prep - No alteration to the tire. |        |       |                                                                                              |
| Transponders Mount at the Base of the steering Column                                                                                                                                                                                                                                                                                           |        |       |                                                                                              |
| <b><u>Drivers are responsible for recording the serial # of all four tires during pre-tech on Saturday and Sunday. #s must match after A or DQ will result</u></b>                                                                                                                                                                              |        |       |                                                                                              |

Automatic Disqualifications: Loss of Rear Bumper from Kart at anytime. Any Loss of Silencer/Muffler. Any Exhaust pipe that is broken or cracked after the race is over. Loss of Lead on Race Track regardless of weight at scale.

### 11.2.2 Flat Kart Numbers

- Must have a MATCHING number on top of the right front fender/hood, and both side panels.
- Recommend have number on 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.
- Numbers must be legible to scorer and/or other officials. If deemed illegible, kart is subject to not being scored or penalized positions.

### **11.3 Flat Hoosier Predator Engine Rules**

HEMI Style Predator Only. All Parts must be OEM unless other specified.

- No alteration, cutting, grinding or machining of parts are allowed. All parts will be compared to an original untouched motor.
- Stock flywheel key must be present
- Stock Air box may be removed, and aftermarket adaptor and air filter will be allowed. Max length of air filter adaptor 1.375" Air Filter is a non tech item.
- Jet: Main Jet will be tested to a .038 no-go gauge.
- Gasket must be between engine and carburetor.
- When using a restrictor, there must be a gasket on each side of the

restrictor. Spray test may be used at any point within the event. If engine is pulling air from any point other than filter the engine will be disqualified.

Spray test involves spraying a fluid, typically brake, starting fluid or carb cleaner, at points after the air intake. The engine will be on a stand at idle when sprayed. If the engine surges, it is pulling air after the air intake and is not legal.

- Top tank must be removed and replaced with fuel pump and external tank.
- Governor, plastic gear, crank gear and oil sensor can be removed
- RLV 5438C or DJ1137 pipes only.
- Wrapping of pipe is recommended, but not required
- Stock Camshafts only
- Head Depth - .425
- Stroke – 2.164 (+.005)
- Bore – 2.755 (+.008)
- Valve Springs (No Shims Allowed) Aftermarket springs are permitted, but they will be tested to 10.8/18lb Standard.

- Racesaver Tire:

#### 11.3.1 Hoosier Predator

##### Tire Rules

TIRES/WHEELS: Left Side: Hoosier RaceSaver Champ Kart 11.0/5.5-6 -

11901RS mounted on 6.0 or 6.5 wheels (measured inside to inside) Right

Side: Hoosier RaceSaver Champ Kart 12.0/8.0-6 - 11939RS mounted on 10"

wheel. (measured inside to inside). No Prep/ Treatment of tires allowed Must Run Same set of tires unwashed, unground from first set of heat races till end of feature.

#### **11.4 Flat Clone Rules**

Flat Kart clones will follow the 2025 NKA Clone rules. Plates and weights are in the above table.

TIRES Open Tire Rule, any commercially available slick tire is legal for 2025 Turkey Chase

Rookie Flat Kart – Must use 12 tooth driver and 57, 58, or 59 gear Only

#### **11.5 Backyard Class**

AGE: 14 & Up

Weight: minimum of 385lbs.

ENGINE/RESTRICTOR: Any small block engine (GX200, Animal, Clone, 212 Predator, Tillotson). Briggs Model 15 blocks are not permitted. 14.5 cubic inch Max. rule. Engines can have billet side covers. Billet cranks and heads are not permitted. Aftermarket heads, for example EC Evolution or Gage Warhead, are allowed.

CLUTCH: Open clutch

TIRES/WHEELS: Left Side: Hoosier RaceSaver Champ Kart 11.0/5.5-6 - 11901RS mounted on 6.0 or 6.5 wheels (measured inside to inside) Right Side: Hoosier RaceSaver Champ Kart 12.0/8.0-6 - 11939RS mounted on 10" wheel.

### **11.6 Non-Wing Cage Kart**

#### 11.6.2 Cage Kart Numbers

- Must have a number on the front hood, and both side panels.
- 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.

Maximum of 3 numerals may be used.

- Numbers must be legible to scorer and/or other officials. If deemed illegible, kart is subject to not being scored or penalized positions.

#### 11.7 Cage Kart, Blue Wazoom, Adult 206, and Cage Carlisle Class

##### Rules

##### 11.7.1 Chassis

- Main frame members shall be constructed of cold rolled, electric weld, round steel tubing or other material of equal or greater strength, of 1.125 inch nominal minimum diameter, .083 inch wall thickness. Conventional tubular space frame construction methods only are allowed. Non-conventional construction techniques must receive review and approval of the race director and/or tech inspector prior to competition.

- Wheelbase: 42.0 inches minimum, 45.0 inches maximum. Wheelbase is measured true axle centerline, each side.
- Overall width: 40.0 inches minimum, 52.0 inches maximum. Overall width shall be measured from outside tire sidewall to opposite outside tire sidewall.
- Overall length: 95.0 inches maximum. Overall length is measured at any cross section of the kart, parallel to the longitudinal centerline.

#### Roll Cage specifications:

- Full roll cage of four point conventional construction is mandatory. The four uprights and top horizontal connecting tubes must be constructed of 1.125 inch nominal minimum diameter mild steel tubing. All attachments by welding unless otherwise specified.
- Uprights and positioning: Each of the rear uprights must be welded to the main frame rails at a point aft of the rear axle centerline. Each of the front uprights must be welded to the side frame rails at a point forward of the steering wheel mount point and aft of the leading edge of the front tire. All uprights must create an angle of no less than 45 degrees with the main frame rails and have no bends within three inches of attachment point except for left rear.
- Top hoop rails: Corner construction shall be rounded type with no sharp edges or corners allowed.
- Shoulder harness mounting bar shall be welded laterally between rear uprights, double braced to the top lateral bar, at a height suitable for harness mounting. A minimum 6.0 inch square headrest shall be mounted to the braces level with the driver's head.
- Side protection bars are mandatory and must run horizontally between front and rear uprights each side. One end connection may be slip jointed. Side protection bars must be positioned vertically between the drivers shoulder and elbow.
- Roll cage overall width: 16.0 inches minimum, 24.0 inches maximum. Width

to be measured outside to outside between any two uprights.

- Roll cage to overall height: 38.0 inches to minimum. Height to be measured vertically from highest lateral cross bar centerline to main frame rail centerline.
- All roll cages that deviate in any way from the above description must be brought into conformance or receive approval from the race director or tech inspector prior to being used in competition.
- Front bumper: All components shall be constructed of round steel tubing of .750 inch nominal diameter minimum. Front Bumper must encircle entire front nose area at a height of 7.75 inches minimum from ground level, Double bumpers are recommended.
- Rear bumper must encircle the tail section of the kart. The top of at least one bar must be 7.50 inches maximum from ground level.
- Nerf bars: All components shall be constructed of round steel tubing of .750 inch nominal diameter minimum. Double bar construction is mandatory. The top of the upper bar must be no higher than the top of the rear tire. The bottom of the lower bar must be no lower than the bottom of the main frame rails. Nerf bar must extend from an area inside a longitudinal line from the outer portion of the front tire to a point no further outboard than 1.0 inch from outer tire surface.
- Seat positioning: No part of the seat may be positioned closer than six inches inside the left hand nerf bar. Must have an approved aluminum high back seat. 65 degrees is the maximum seat angle. (measured on back of seat)
- Harness: 4 point, SFI-rated racing harness is mandatory. Metal to metal harness fastener is mandatory. Mounting bolts must be cotter-keyed and attached to a 3/16 inch minimum thick, 2.0 inch minimum square steel mounting plate that is welded to the frame and/or roll cage. Arm restraints are mandatory.

### 11.7.2 Body Requirements

- All bodywork components must be constructed of high strength plastic, fiberglass or advanced composites only. No component of the bodywork may be adjustable in any way while kart is in motion. Bodywork must be confined to the area defined by the front and rear bumpers, inside the area defined by the inside sidewalls of the tires.
  - No Aluminum Body work allowed anywhere on Kart
- Cockpit must be entirely open when viewed from above.
  - Front Visor Max 2" back at top of cage, 6" down front. Side Visors Max 4" Tall
- Wings, spoilers or other aerodynamic effects are prohibited.
- Full midget/sprint type, open wheel, conventional construction methods are approved. Flat panels are allowed only for side panels and all other body components must have rounded, compound curve configuration. Nose bodywork is mandatory, tail section is optional.

### 11.7.3 Wheel and Tire

#### Requirements

Rookie, Amateur, JR1, JR2, Adult Clone, Adult 206 & Blue Wazoom CHAMP CAGE KART TIRE

RULES: 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: 59

Rookie, Amateur, JR1, JR2, Adult Clone, Adult 206 & Blue Wazoom CHAMP CAGE KART

WHEEL RULES: 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 (inside edge to inside edge)

### 11.8 Cage Rookie, Amateur, JR1, JR2, Adult Clone Kart Engine Rules

### 11.8.1 Engine Sealing

***Cage Kart Engines recommended to sealed. This can be completed By calling or texting Roger at Mini E to set up an appointment (402) 639-4722 or Uncle Frank's at (402)444-2266. All engines must be sealed to Mini E, Blue River or Kam Raceway Standards For all Clone Non Wing Cage Karts except for the rookie class. This includes, Amateur , JR1, JR2, and Adult Clone Cage Classes. Any Non-Wing Cage Kart that is not sealed will be disassembled if finishing in the top 3, regardless of what night of event it is. No refunds will be offered in the event you are unable to reassemble engine. The engine will be teched against the below specifications.***

### 11.8.2 Box Stock Project

Clone 6.5 OVH

Engine

All Parts must be Box Stock Project factory production parts unless otherwise specified in this rules manual. No machining or alteration of parts is allowed unless specifically noted.

Pull starting mechanism must remain on the engine. Tumbling of engine parts is strictly prohibited. Engine will need to be inspected and sealed by a certified RaceSaver Clone Engine inspector before raced (Roger Hadan for 2025). Any new part must be submitted to and approved by RaceSaver before use. All new incoming engine & performance parts must be submitted to RaceSaver for review prior to them being allowed as legal components for competition.

Engine Description: Single Cylinder, 2 valve, and OHV 4 cycle (Box Stock Project)

Combustion Chamber Volume: 26.5 cubic centimeter minimum, with piston at TDC, using prescribed procedure. The liquid CC check is the official check (If the engine fails the CC Liquid check at anytime during the tech procedure it must be called illegal.)

Cylinder Head Requirements: Must be OEM casting only. All cylinder heads used must be the "JT" 4 bolt valve cover cylinder head (168-f 6.5hp GX 200 series) or the TG-1 head only. Porting and/or grinding are

not permitted. Exhaust Port Pours should check 22.5cc minimum 22.8cc Maximum, Intake Port Pours 27cc should check minimum 27.5cc maximum. Valve seats may have up to three angles, 45 degrees valve face and 30 degrees top relief and 60 degree bottom relief. Cutting of the valve seats allowed to insure proper seal. Intake seat maximum ID .899", Exhaust seat maximum ID .862". Outside face of valve may not be elbow floor of combustion chamber (i.e. don't sink the valves.) Stock head bolts only, must have four. Head gasket/s may be after market, must be of stock configuration, gasket thickness is a non tech item, sealer allowed to insure proper seal. Depth check between the valves, front to back and side to side may not vary by more than .005 max. No copper or aluminum gaskets allowed. Any stock configuration exhaust gasket allowed, sealer permitted, header may also be run without gasket, sealer only. Allen head bolts permitted on Header to head. The use of aftermarket flanged bolts of similar OEM design (Head Size, Diameter, Length, and Thread length/pitch) allowed as replacement for stock head bolts. No studs allowed. No additional washers allowed. Breather hole on valve cover may be tapped with 1/4" pipe tap to accommodate breather fittings. No over sized drilling allowed.

Block Requirements: Stock cylinder bore is 2.67" may be bored to 2.691" maximum. Stroke is 2.123" + .010" or - .010". No Piston pop out allowed. Matting surface finish of block and cylinder head is a non-tech item, surfacing of both to correct gasket failure and meet cc check allowed however, no piston pop out is allowed. May use 2 side cover gaskets of stock configuration. Block must remain stock as produced. Stub for governor may be removed and hole plugged. No machining of block allowed. Welding to the block shall be for rod damage repair only and may not constitute a functional modification. (Oil drain hole between



lifters .250" Max. Any type side cover fastener and lock washer permitted, must be original size, sealer permitted.) Solid dowel pin replacement for the side cover to block .317 maximum diameter allowed (Factory stock dowel pin is 8mm or .315). Dowel pin must remain in the factory position.

Carburetor requirements: Huayi or RUIXING model carb only. Carb to intake sealer is gasket only, no other sealer allowed. Choke must be as supplied from factory, but may be fixed to stay in open position. (Choke area must remain as cast). Venturi .615" NO-GO. Venturi may be machined to spec, Minimum Venturi size is .608, no polishing permitted and all transitions must remain stock in and out of venturi. Rear carb bore .751" NO-GO. Carb bore at rear of carb .750" maximum depth (This measurement is taken from the flat surface on the rear of the carb down to the circular ridge at venturi edge). Main fuel jet .042" NO-GO. No use of loctite or other materials on high speed jets or damaged threads permitted in an attempt to lock jet in a non stick location. Main jet must seat firmly on bottom of E-Tube,. Low speed idle jet is a non tech item. Stock emulsion tube must be used and unaltered, .066' max ID (NO-GO). Side holes in E-tube 4 holes in bottom section max and must have 20 holes in middle section. Minimum E-Tube length 1.092". The minimum protrusion of the E-tube into the Venturi must be check by the newly approved NO-GO gauge Huayi .488" or Ruixing .479". Minimum outside diameter of the E-tube at any point is .154". Side holes in e-tube diameter .036" NO-GO. Throttle shaft - .115" minimum. Stop arm of throttle shaft maybe filed to adjust for butterfly position. Butterfly - .037" minimum thickness. Butterfly screw minimum length .305";, screw must remain stock as produced with no alteration allowed to achieve minimum length. Air Filter adapter should be part #6931ARC. Air Filter should be 4" tall angled or straight for Box Stock Project Clone.

Phenolic spacer must be flat across entire gasket mating surface, with a minimum thickness on gasket surface of .265" (not including gasket).

Gasket surfaces must remain parallel. No angle cutting allowed. Center inlet hole is Non-tech (size, configuration, finish), but no rifling, grooving, dimpling, etc. allowed. Maximum mounting hole/s size .300" NO-GO (checked with .300" pin gauge)". Phenolic spacer/gasket/s subject to spray test to check for leakage or introduction of air into intake track.

Valve Train: Stock four bolt valve cover only with any stock configuration gasket, sealer allowed. Factory stock rocker arms 1:1 ratio and push rods only. Minimum overall length of rocker arm 2.145" minimum thickness of the upper valve stem ONLY, non tech, to adjust for proper running lift. Square tipped rockers allowed. Stock steel/stainless nitrate coated valves only 45 degree angle only both valves with a minimum weight of 21 grams each valve. Stock valves only 45 degree angle only both valves, intake valve Max OD .982" +/- .005" and exhaust valve max OD .945" +/- .005", no modifications allowed. Single valve springs only. (Installed height for valve springs .815", must be checked by using the .815" spring must go gauge with retainer seal and shims in place on intake an exhaust valve if used.) Shims may be used to achieve .815" installed height, maximum thickness of shims used .075", any combination of valve seal and spring shims allowed. The ruling on the .075 shim thickness includes the oil seal if used. The valve stem seal has no tech other than it's thickness combined into the max of .075 to obtain a minimum of .815 installed spring height. In other words, the valve stem seal can be used or not used and is no longer a tech item unless used as a shim. Also, the rubber inside it is a non tech item. Prescribed check procedure as follows- Remove valve spring, reinstall spring retainer and shims, insert .815" must go gauge in spring location. Gauge must go in both locations

intake and exhaust with any allowed retainers and shims in place, as raced, during check procedure. Max wire diameter on spring wire is .071" with a maximum tension of 10.8 lbs. at a height of .850" and a maximum tension of 18 lbs at .650". Prescribed procedure for using weight checker is as follows. Spring must slide over post on it's own to the bottom. When weight is placed gently On the spring, push weight down onto spacer so that it bottoms out. Release weight and shine a flashlight between weight and spacer. Light must be visible in is entirety of 360 degrees to disqualify spring. Add (Additional check for valve springs – Each spring is to be checked using a .750" height by 800" width plate gauge and a .250" (square) no-go gauge to check the center spacing of the spring coils while inserted in the plate gauge. Prescribed check procedure as follows – Insert the spring in the .750" x .800" plate gauge (spring must be centered in plate gauge and must fit inside of gauge with the ends of the spring wires perpendicular to the plate). Once inserted in the plate gauge take the .250" no-go gauge and check the center coil spacing on both sides. The .250" no-go gauge must be parallel to the spring wire and perpendicular to the center of the spring when checking. The .250" no-go must pass check on at least one side of the spring. This check is to be performed after the 10.8 lb, 18 lb, check, and .071" max wire diameter check. Lash cap on exhaust valve only. Valve stem seal allowed on intake and exhaust valve. BS lifters only, no modifications allowed. Over-all length of push rod 5.285" max, 5.230" min. Push rod must be of 3 piece design (Hollow or solid tube with 2 solid ball ends). Lifter head diameter .915" min with no visible modifications. Weight check lifters 18 grams min and push rods 9 grams min.

Ignition system: Stock Box stock system only and must be unaltered.

Spark Plug boot must be the stock bolack hard plastic boot ONLY. Kill

switch and low oil sensor may be disabled and removed. 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. Timing and flywheel key is non-tech.

**Piston & Rings:** Piston must be unaltered Box stock only. Overall piston length 1.935” max, 1.920” min and from top of wrist pin to top of piston .580” max. Arrow on top of piston must be pointed toward valves/lifters. Overall length wrist pin 2.100” min, inside diameter .550” max. Top ring and middle ring .115” max width, .060” max thickness. Filing of ring end gaps permitted including oil expander, max end gap .040” (top 2 rings only). Lapping of rings permitted for proper seal. Piston ring must be in one piece (unbroken) when presented for tech. Piston rings must be self supporting in cylinder bore when checked installed on piston with connecting rod attached (rod cap and bolts installed are not required for this check). Minimum weight of piston is 145 grams (must conform to this spec by 4/15/15). Honing of wrist pin journals permitted. Bore surface must remain flat and retain stock configuration edges. Skirt of piston must remain as produced. No chamfering, radiusing or breaking of edges permitted. Up to .010” over pistons allowed.

**Connecting Rod:** Stock Box Stock rod only. Stock rod bolts only. Length of from top of journal to bottom of wrist pin hole 2.375” max and 2.350” min. Honing of journal end and wrist pin hole permitted, those surfaces must remain flat. Oil hole size .179” max, .0180” no go. Minimum weight of rod assembly 133 grams. New stock performance CAST rod allowed.

**Crankshaft Requirements:** Stock Box Stock crankshaft required.

Machining, polishing, addition of material or other alteration of

crankshaft is prohibited. Stock factory timing gear mandatory and must be installed in original location. Crankshaft journal diameter is 1.180" max-1.168" min. Stock Crank bearings only. NO ceramic bearings allowed. Camshaft Requirements: Stock camshaft cores only, ez-spin assy must remain as stock. Cam lobe base circle diameter .865" .005"/+.10" Duration check for intake and exhaust lobes (taken off pushrod). Intake duration of 219 degrees at .050" lift/97 degrees at .200" lift. All checks will allow +2.-5 (minimum duration checks effective 03-1-2016) degrees for wear and gauge variances, Max intake lift on cam .225" -Min .215" lift taken at the pushrod. Max intake lift at the valve .238" taken on valve spring retainer as raced. Max Exhaust Lift at the valve .242" taken on the valve spring retainer as raced. Running lift should be checked in front of the rocker arm on the valve retainer. Preloading dial indicator not required for this check, check lift as run. Competitor/Tech may rotate the retainer 2 times max to achieve proper running lift. Once dial indicator has been set to zero dial indicator must not be reset until check has been verified.

Blower Housing Assembly: Pull Starter must be present and remain stock. Pull starter may be rotated for a better crank angle. Color and finish of blower housing, valve cover and all sheet metal is a non tech item.

Header Requirements: DJ1137 RLV SuperBox Header Only.

Fuel Tank Requirements: Floor Mounted fuel tank mandatory (stock tank must be removed). Pulse type fuel pump allowed.

Fuel Pump requirements: Fuel Pump must be pulsed from either the crankcase or the valve cover. You may install a flat metal plate in the original tank location for the purpose of mounting the throttle linkage and fuel pump.

Clutches: 12 tooth #35 chain spec. drum style clutches only. Must remain stock

and 12 tooth. Ex.- Hillard Extreme Duty Style. (Roller Bearing OK) No disc type clutches allowed.

11.9 Blue Wazoom Cage Kart Engine Rules 11.9.1 Engine Sealing CAGE KART Blue Wazoom Engines can be inspected and sealed by calling Uncle Franks to set up an appointment (402)926-2370.

11.9.2 720 Briggs Animal Blue Wazoom This Engine is to be run as originally manufactured by Uncle Frank's (UF) in Omaha, NE with no modifications of any kind. In Order to assure that no modifications are performed, the side of the engine is sealed along with the head. Both side cover and head seals are required in order for the participant to be allowed to race. No tampering of any kind is allowed. The seals are not to be re-used. The following specifications are to aid the tech personnel in determining whether the engine has been altered after original manufacture. In no way do these specifications constitute a need for, nor permission, for additional blue printing. Any other method of determining the legality of the engine is OK. Tech gauging is available from Uncle Frank's upon request. After an engine is re built, it must be re-checked and re-sealed by an authorized Service Center. Most items are stock, un-altered parts from Briggs and Stratton. Most parts can be compared to known Briggs and Stratton stock parts. Those parts that are not Briggs and Stratton parts can be compared to known stock parts from Uncle Frank's. 11.9.3 Technical Information

720.1 Technical Procedure: Engine to be run as supplied from UF factory. No blue printing allowed. Check side cover and head seals for tampering. Any part or parts may be removed from motor for inspection and measurement. 720.2 Carburetor, Manifold, Air Filter Adapter, Air Filter 720.2.1 Zama .820 Carburetor with butterfly throttle assembly. Venturi, .820 No-Go. Carb must be stock with single pumper stack of original style on carburetor. 720.2.2 Inspect carburetor for "as cast" Venturi surface. 720.2.3 Inspect dump tube for original installation. 720.2.4 Check for additional holes, or enlarged holes in carburetor 720.2.4.1 Hi-speed needle seat .070" No-Go 720.2.4.2 Lo-speed needle seat .070" No-Go 720.2.4.3 Inlet needle seat .055" No-Go 720.2.4.4 Tillitson CARB HL334 WX602 may also be used with the following a. Venturi Bore .820" No-Go b. Hi-Speed needle seat .095" No-Go c. Low-speed needle seat .070" No-Go d. Inlet needle .95" No-Go e. Carb to be run in as cast condition and may be compared to a known stock part 720.2.5 Remote card needle adjusters are allowed. 720.2.6 Inspect manifold for angle cuts and offset bolt pattern 720.2.6.1 Manifold bore, block end: .950" No-Go, at carburetor end: 1.000" No-Go, 720.2.6.2 Manifold length, 1.680" to 1.700" 720.2.7 Air Filter adapter to measure less then 1.00" long, tapering to 1.070" small I.D., no radius allowed. May use Air Filter Adapter EC-306 on Tillitson Carb ONLY. 720.2.8 Inspect Air Filter. Modifications to direct the flow of air are not allowed. Filter may not act as a ram tube (Top must be of equal or more dense material then sides.) A ram tube shall be defined as anything designed , built or installed in such a manner to deliver air to the engine air intake above the pressure or flow that there would be without it present. 720.3 Header 720.3.1 Header must be stock from Uncle Frank's, no tampering. Minimum length 13" when measured with a ¼ inch wide steel tape in the bore of the header. 720.3.2 Header may be wrapped. Exhaust gas thermocouple allowed. If header is run without temp probe, mounting hole must be sealed. 720.3.3 Unaltered RLV muffler #4102 is required. Muffler may not be wrapped, painted, coated or otherwise altered. 720.3.4 May use UNALTERED RLV HEADER PIPE part #5506 with RLV MUFFLER part#4106 720.4 Flywheel Cover 720.4.1 Cover must be stock from B&S factory 720.4.2 Uncle Frank's supplied flywheel screen only. No alteration to flywheel screen. Taping of Screen is permitted 720.4.3 Sheet Metal may be repainted or plated. 720.5 Fuel Pump: Inspect for one single Fuel Pump 720.6 Rocker Cover 720.6.1 Rocker Cover must be stock from UF. No modifications of any kind are allowed. 720.6.2 Rocker Cover gasket must meet stock configuration. No sealer allowed. 720.6.3 Filter or

tube may be fitted to outlet. No welding or tapping of valve cover allowed. 720.6.4 Any breather lines used on engine must be run to a catch can. 720.7 Camshaft Profile: Must be taken before head is removed. 720.7.1 Max lift allowed is .286" measured at the valve spring retainers with lash set at zero. 720.7.2 Cam profile, taken off valve spring retainers with lash set at zero and with TDC set by positive stop method. 720.7.2.1 Intake, as valve is opening, is to reach 7 degrees ATDC before .100" lift. 720.7.2.2 Intake, as valve is closing, is to reach 37 degrees ABDC after .100" lift. 720.7.2.3 Exhaust, as valve is opening, is to reach 52 degrees BBDC before .100" lift. 720.7.2.4 Exhaust, as valve is closing, is to reach 20 degrees BTDC after .100" lift. 720.8 Cylinder Head 720.8.1 Head bolts must be stock from B&S. Dowel pins must be present.. 720.8.2 Check for one head gasket. Gasket must be in stock configuration. Gasket material non-tech. 720.8.3 Head must be stock from Uncle Frank's. Spark plug non-tech. Bead blasting is allowed to remove carbon. 720.8.4 Combustion Chamber must remain as cast. Check width of combustion chamber at the Widest part across the valve seat area with a 2.640" No-Go. 720.8.5 Depth at the floor of the head is .300" minimum. 720.8.6 Rocker Arms must be stock from Uncle Frank's. No modifications allowed. 720.8.7 Ball Rocker must be stock from B&S. Diameter .600" +/- .010" 720.8.8 Ports must be stock from UF. No additional porting, polishing or dimpling allowed. 720.8.8.1 Carb inlet port: .950" No-Go when checking 90 degrees to line between center of studs, No-Go will be straight. 720.8.8.2 Exhaust outlet port: 1.000" No-Go. Check for a machine cut chamfer at header flange surface. 720.8.9 Push Rods must be stock from B&S. 720.8.9.1 Diameter is .185" - .190". 720.8.9.2 Length is 5.638" - 5.658" 720.9 Valves, Valve Springs, Valve Seats 720.9.1 Valves must be unmodified stainless steel from Uncle Frank's. Only one 45 degree face allowed. 720.9.2 Tech for single valve springs. Maximum length allowed is 1.250". Keepers and retainers are non tech. Retainer between spring and head surface, if installed, maximum lip thickness of .085". 720.9.3 Valve Seat 720.9.3.1 Seats must be stock from B&S. Must be one 45 degree angle only on valve Seats. 720.9.3.2 Intake seat diameter is .966" - .972". Check for machined chamfer into port. 720.9.3.3 Exhaust seat diameter is .844" - .850". Check for machined chamfer into port. 720.10 Deck and Pop Up 720.10.1 Only single plane machining of deck surface is permitted. 720.10.2 Piston pop up cannot exceed .015" above block surface in the center of the piston. When measuring the piston pop up, set bar stock across piston parallel to wrist pin. Use dial Indicator to check pop up in this area. 720.11 Cylinder Bore and Stroke 720.11.1 Stock bore is 2.690". Over boring permitted up to a maximum of 2.725". No Re-sleeving allowed. No circular or machine grooving of cylinder is allowed. 720.11.2 Maximum stroke is 2.204". Push piston down to take up rod play. Check stroke from BDC to TDC. 720.12 Flywheel 720.12.1 PVL Flywheel must be stock from Briggs. No modifications allowed. Plastic fan must be intact. 720.12.2 Flywheel key must be stock B&S straight key only. Width to be .1825" - .1875". 720.12.3 Aftermarket starter nut allowed. 720.13 Ignition Coil 720.13.1 Coil must be stock PVL from B&S. Attachment bolts must be stock from UF. 720.13.2 Stock from B&S supplied spark plug connector only. Boot allowed. 720.13.3 There must be resistance from plug wire to ground. 720.14 Crankcase Cover, Camshaft, Rod and Piston 720.14.1 Shims, if used, to be installed as from B&S 720.14.2 Inspect for stock camshaft alignment. 720.12.3 Camshaft must be stock from Uncle Frank's with stock alignment as supplied from UF. 720.12.4 Inspect Lifters. Must be stock from B&S 720.14.4.1 Lifter diameter to be .820" minimum to .860" maximum. 720.14.4.2 Overall length of lifter to be 1.515" minimum to 1.525" maximum. 720.14.5 ARC #6247 Billet Rod required. No modifications allowed. 720.14.6 Inspect for unaltered Wiseco #4839 series piston or B&S Animal piston or Burris Animal BSA-202 series piston. 720.14.7 Inspect for B&S Animal or Total

Seal Rings 720.14.8 Inspect for B&S wrist pin, part #499423. 720.14.9 Crankcase cover must not be modified. PCV valve required on top, front oil fill hole. There must be a tube from PCV valve to catch tank. 720.15 Crankshaft must be stock as from B&S. 720.16 Block must be stock from Uncle Frank's with no alterations, except blocks may be repaired from Broken rod damage, providing that repair does not constitute a functional modification of original block. No welding is permitted from the cooling fins upward. The repair of one coil post is allowed as long as The remaining post is unaltered. 720.17 Chain guard/Clutch cover is required but may be other than supplied by Uncle Franks. 720.18 Only Pure Methanol is allowed. Additives of any type will not be permitted. Fuel is subject to Chemical analysis and Water Test

11.10 Adult 206 Cage Class Rules Age: 14+ Weight: minimum of 400 lbs. 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/WHEELS: Stated in wheels and tires section LO206 Must use Factory Black Slide (B&S #555590) We will be using the 2022 Briggs racing Rule Set that can be found under [www.briggsracing.com/racingengines/206](http://www.briggsracing.com/racingengines/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: • 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. • No Exhaust Silencer is allowed. Open RLV 5506 or 5507 Briggs Exhaust pipes only – only allowed to be bent for chassis clearance. • The Briggs spec clutch is not required use of any of the 3 clutches listed above takes precedent over the Briggs rules • Autolite AR3910X is only acceptable Spark plug. • Tape On shroud is allowed. • 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.

11.11 Cage Carlisle Rules Age: Open Weight: minimum of 360 lbs. Engine: Predator Classes Engine Rules: Engine must be Blue River Sealed, Rental engines are Available from Blue River Raceway. Use of aftermarket 10.8 Green Stripe Valve Spring is Acceptable. Must meet 10.8 and 18.0 Test specs. Can use remote tank and Briggs style fuel pump. Exhaust and air cleaner to remain stock. Clutch: Three options for Clutches for cage karts: Max torque SS, Hilliard Economy, and Hilliard Flame. Bushing Style bearing OR Roller Bearings allowed, 12 tooth driver only Mini gears are not allowed. 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/HALBERD Tires ONLY Restrictor: None



### 12.1 Wing Cart Classes

| <u><b>Winged Cage Karts</b></u>                                                                                                                        | weight | plate/slide      | Age   | Fuel     | Rules                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------|-------|----------|-----------------------------------|
| Intermediate Clone                                                                                                                                     | 350lbs | Open             | 12-16 | Methanol | NKK/Adrenaline - Drum/Disc clutch |
| Adult Wing Clone                                                                                                                                       | 425lbs | Open             | 16+   | Methanol | NKK/Adrenaline - Drum/Disc clutch |
| Restricted Box Stock                                                                                                                                   | 245lbs | .425 Green Plate | 5-8   | Gas      | NKK/Adrenaline - Drum/Disc clutch |
| Blue Plate Box Stock                                                                                                                                   | 275lbs | .550 Blue Plate  | 8-13  | Gas      | NKK/Adrenaline - Drum/Disc clutch |
| Box Stock/Builder Prepared                                                                                                                             | 300lbs | Open             | 8-14  | Gas      | NKK/Adrenaline - Drum/Disc clutch |
| <b>Disc/Drum Clutch all classes - No tire prep Transponders Mount on Left side of Kart Behind Driver Seat.</b>                                         |        |                  |       |          |                                   |
| NKK/Adrenaline rules will be run - Drum/Disc Clutch Tail Tanks are not required, Side Pods/Side Plates are ok.                                         |        |                  |       |          |                                   |
| No Shock Absorbers or similar devices anywhere on the cage or the suspension. Hoosier D50 on RR                                                        |        |                  |       |          |                                   |
| Hoosier Tires all 4 Corners, No Bald Tires, These are treaded tires and must be raced that way. Officials have final Say on Acceptable Tread           |        |                  |       |          |                                   |
| RR 45 Durometer Rule Before Race - No Heated Tires must be within 10 degrees of Baseline tire located in staging - Same as Flat Cart Rule above        |        |                  |       |          |                                   |
| Body Rules will be Relaxed in order to allow karts that do not race at NKK on a weekly basis to race, we reserve the right to require changes in order |        |                  |       |          |                                   |
| To Have a fair and competitive show Pull Start or Electric Starter is acceptable - Shroud taping is OK                                                 |        |                  |       |          |                                   |
| Age for winged cage kart classes will be determined using NKA Rule "Competition Age 10.3.5.1" Age Turned during 2024 is Age for Turkey Chase           |        |                  |       |          |                                   |
| If someone has raced in a Class all season long at their racetrack and show up on the points for that class they will be allowed to race it.           |        |                  |       |          |                                   |
| <b>Spec Fuel - Box Stock, Restricted Box, and Blue Plate Box- Murphys Express 87 Octane Non-Ethanol - Pump 8 3301 N 85th Street Lincoln NE</b>         |        |                  |       |          |                                   |