

# **2016-17 Salem Indoor Cage Kart Times, Fee's, Format, and Rules**

**2330 17<sup>th</sup> St NE**

**Track Gate Entrance at Silverton Rd NE and Lana Ave NE Intersection**

**Located in the Forrester Livestock Pavilion**

**Oregon State Fairgrounds, Salem Oregon**

**Promoter: Bob Leach**

**Race Director: Jason Sucich**

**503.931.1318**

## **IMPORTANT NEWS:**

Race Ceivers are now REQUIRED for ALL Classes except Beg. Box

**Intent:** It is the intention of this rule package to provide a clear and comprehensive explanation of what the class requirements and race procedures consist of. These rules will not be changed for 1 year unless to address a safety concern. Any rule changes require convening a meeting of the Rules Committee to discuss changes. If intent of a rule is in question the Race Director will make the final decision.

### **Salem Indoor Cage Kart Classes**

- Beginner Box Subaru/Non Sub
- Box Stock Sealed Subaru/Sealed LO206
- Junior 5Hp Open
- ¼ Midget
- 125 Cage
- 250 Cage
- 500 Cage

**ALL TIMES ARE TENTATIVE UNTIL WE RECEIVE OUR NOISE PERMIT**

### **FRIDAY's**

- Gates open.....5:00 pm
- Open Practice (All Classes).....6:00-9:00 pm

## 2016-17 Salem Indoor Cage Kart Rules

### **SATURDAY's**

- Gates open.....8:00 am
- Registration.....8:00 - 10:00 am
- Day Show Drivers meeting.....10:30 am
- Hot laps:.....11:00
- Night Registration.....3:30-4:30pm (estimated)
- Night Show Drivers Meeting 4:30 pm (estimated)
- SHOW MUST END AT 9:59 pm

### **SUNDAY's**

- Gates open.....8:00 am
- Registration.....8:00 - 10:00 am
- Drivers Meeting.....10:30 am
- Hot laps.....11:00
- Heats
- Mains
- SHOW MUST END AT 5:59 pm

### **FEEES**

- Entry Fee ... Money classes.\$40.00
- Entry Fee..... Trophy Class \$35.00
- Friday Practice.....\$30.00
- Pit Pass fee.....\$10.00 Per day (Sat, Sun) per person through the gate
- Camping fee.....\$10.00 per night

**Heats** (ALL HEATS ARE 10 LAPS or 10 MINUTES AND SUBJECT TO TRACK CURFEW.

- 1st Round of Heats will be straight up by PILL DRAW, Low pill has Pole Position.
- 2nd Round of Heats will invert line-up from 1st Heats

### **Dash's for Cash**

□ As Time Allows and Sponsor Money Comes In!!!!

**Mains** (ALL MAINS ARE 20 LAPS or 15 MINUTES (15 Laps or 10 MINS for JR Classes) AND SUBJECT TO TRACK CURFEW.

## Race Procedures

### Track Officials

- **No Driver, Crew Member, Parent, Spectator or other person** not designated as a Track Official will approach the Flag stand or Scoring Tower for ANY reason unless asked and accompanied by the Track Race Director. Penalty for violation of above is a Black Flag for the violator's team for the next track session. Unsportsmanlike conduct towards any Track/Event official will also be grounds to implement above-mentioned penalty or penalty as track officials see fit.

### Refunds

- Once Kart has completed 1 lap of a hot lap session there will be no refunds of entry fee, pit pass, or camping fee.

### Quads and ORV's

- Do you need a Oregon ATV safety Education card ? **YES. All owners and riders** of quads/atv will abide by State laws governing their operation. Special attention and enforcement will be applied to the requirements listed under the headings of; "Rider Fit", "Helmet Requirements", and "Youth Supervision". There will be no more leisure riding at the Oregon State Fairgrounds, and all drivers/riders under the age of 18 Must wear a helmet. **MUST.**

### Prior to Race

- **Each Driver** will be given 2 attempts to start their engine; the 1st attempt is coming out of staging and entering the race surface, the 2<sup>nd</sup> attempt is prior to the one lap to green signal has been given. If a kart stalls after the one lap to green signal is given, the Yellow Flag/Light will be shown and the stalled kart(s) will be charged with a yellow and sent to the back of the field.

- **All karts** must grid up in a timely manner; there are no hot lap sessions prior to the start of the heats and/or mains. Be prepared to listen to instructions broadcast over the Raceceivers system.
- **Drivers are expected** to know where they need to be lined up prior to entering the racing surface. Race lineups will be communicated using Raceceivers..
- **Raceceivers** are mandatory in all classes but Beg. Box Failure to wear a complete Raceceivers assembly when on the track can result in DQ and zero points.

### **Initial Starts/Complete Re-Start (Prior to 1 lap being scored)**

- **All starts/re-starts** will be “in the box” (designated by 2 lines approx. 25’ apart) in or about turn 4. Karts will remain side-by-side and nose to tail until the Green Flag/Light is shown. At any point in the box the pole setter can start the Race. Once the Pole Sitter has started the race, the Flagman will throw the Green Flag/Light, indicating a fair start has occurred, or the Flagman will throw the Yellow Flag/Light indicating a False Start and the need for a complete re-start. Karts on the front row that cause a false start shall get one more chance (2 chances only) to start, if the second start is false the front row will fall back one row for subsequent starts. In the event of 2 failed attempts by the front row to start the Second Row will get one double file chance to start the race, if they have a (1) false start, the entire field will line-up single file for the start, starting with the non-offender of that front row getting pole.
- It is the **pole position driver’s** choice of pace within reason and driving line during starts/re-starts. But the Pole setter must maintain a **feasible** speed. **Any** official can call off the start if he/she feels the field was **bogged down** by the pole setter. The remainder of the field needs to pay close attention to pole Drivers choices.
- Any Driver(s) from the second row back, observed by Race Officials **passing before the green** will result in a docking of 2 spots for every 1 position gained at the next yellow, or at the completion of the race.
- **If a wreck occurs** during the initial attempts to start, this will result in a COMPLETE restart. Those Karts involved in the wreck will be charged with a yellow and be placed in the back of the line-up.
- **Beginner, Intermediate, and Junior Open** will have 2 attempts at a double file Start. If, the second attempt to start is waved off, the field will line up for a single file start. All subsequent re-starts are single file.

- **During Any Restart, the driver causing the yellow goes to the far back. From that point forward all other drivers involved in the caution will line up according to the last completed lap.**

### **SINGLE FILE RE-STARTS (After 1 Lap is Scored)**

- All restarts will be **single file**.
- **In this formation**, all karts must remain in a single file line until the pole kart starts the race “in the box”, and the Green Flag/Light has been shown signaling a fair start. Once the Green Flag/Light is shown, passing is allowed regardless of running position.

### **Yellow Flag/Lights**

- **We DO NOT** race to the Yellow Flag/Light; HOWEVER, we do race to the Checker Flag. Once the white flag has been displayed to the leader of the race, If a wreck occurs after the leader has received the white flag, yellow lights can be turned on signaling to the field we are under caution and there may be disabled kart(s) in the driving line. If the wreck is towards the back of the field or out of the driving line after the white flag has been displayed we will finish the race. If any Official feels the Caution is a safety hazard we will throw a yellow, line it up, and go green white checkered. We will attempt this 3 times before going yellow/checkered.
- **Once the one lap to green signal** has been displayed and until the Checker Flag is shown, all karts that **come to a stop, for any reason, May be placed in the back of the grid and charged with a yellow.**
- **Upon receiving** their 2nd yellow in a heat and 3rd yellow in a main, drivers will be shown the black flag and scored in the order they leave the race.
- **Contact** with another kart under yellow can result in a black flag.

**Drivers do not get out of your kart on the track during a yellow unless;** told by track official to do so or imminent danger such as fire, this includes the infield. Crew, Family and spectators are not allowed to enter the track during a yellow unless told to do so by track officials. Penalty for this infraction shall be immediate disqualification from the day's event and a two (2) race suspension for everyone involved.

## **BLACK FLAGS**

- **ROLLED UP POINTED BLACK:** Shown for questionable move, contact, or aggressive and/or careless driving. (DRIVERS ONLY WARNING)
- **WAVING BLACK:** Driver Must leave the track!!! Shown when blatant contact, aggressive driving style or unsportsmanlike conduct by Driver or Crew is observed or has escalated beyond a warning. Drivers need to also consider that they may have received the black flag for mechanical issues and proceed cautiously to their pit spot.
- **If a driver receives,** a black flag due to rough driving or bad conduct. That driver will be disqualified from that race and receive 0 points!

## RED FLAG/LIGHTS

- **Upon the Red Flag/Light** being displayed all karts must stop in a quick yet safe manner on the INSIDE line of the racing surface, AWAY from the wreck. Once kart(s) have stopped, engines must be turned OFF!! NO CREW MEMBERS, FAMILY OR SPECTATORS ARE ALLOWED NEAR STOPPED KARTS WITHOUT TRACK OFFICIALS PERMISSION. IF A CREW MEMBER TOUCHES THEIR STOPPED KART DURING THE RED FLAG, WITHOUT PERMISSION OF TRACK OFFICIALS, THAT KART WILL BE SHOWN THE BLACK FLAG AND NOT ALLOWED TO FINISH THAT RACE.
- **PARENTS:** If your child is involved in a Red Flag/Light incident, approach the Hot Grid worker or Race Director and they will get you on the track, to your child as soon as it is safe to do so. DO NOT run out onto the track without permission, this is for your safety.
- **All karts** that came to a stop resulting in the Red Flag/Light being displayed will be sent to the back of the field for the next start of the race and charged with a yellow flag.
- **BLACK/ CHECKERED FINISH:** Race finish under review.....

## Technical Inspection

- **All Karts MUST** Scale after Qualifying, Heats and all Mains; Failure to scale is automatic DQ for that session. Driver must exit track and proceed directly to scales.
- Engine tech can happen at any race un-announced.  
**Items subject to technical inspection** on a regular basis are; Engines, Weight, RR Tire, Raceceivers, and Lead/Weight mounting method.
- **Failure to submit items** requested by tech director will result in immediate DQ.
- One Representative for each Kart allowed in Tech Impound.
- The Track Tech Directors **Decisions are final** and not subject to protest.
- If a Motor is in question Salem Indoor has the right to confiscate motor for tech. At this time if motor is found to be legal, Salem Indoor will pay for all cost accrued. BUT, if the motor is found to be illegal in any way, the kart driver is responsible for paying all cost by next race, and may face suspension/fine.



## 2016-17 Salem Indoor Cage Kart Rules

- If a Team would like to have a motor sent off for inspection, same applies. If the motor is found to be legal, the protesting team pays all fees accrued, plus \$100 to the kart team. But if the motor is found to be illegal, the driver pays all fees, prior to next race and is suspended/fined.
- Refusal to turn over motor may result in a suspension or a fine until that motor in question can be checked and cleared....

## Engine Rules

### Salem Indoor Junior Open Rules 2016-17

The rules below will be in effect for the Salem Indoor Season 2016-17.

**5hp Engine Base Package Definition:** Any single cylinder, 4-cycle, industrial based engine not exceeding 212cc. Subject to change for the 2017-18 season. Exception to this definition is the Sealed Subaru Engine.

**Age:** Pee Wee, Intermediate, and Open 5hp. Ages will be as listed below, with one exception. Parents of a driver may Petition Race Officials for an age waiver to move up one class when the following conditions are met:

1. Pee Wee Driver is at least 6 years old to receive a waiver.
2. Three Track Officials sign-off on the requested waiver.
3. Upon successfully completing three race weekends in the new class, age waiver shall become permanent. Track Officials will determine “successfully completing”.
4. Season points from class driver is transferring out of are not transferable. Driver will start new class with 0 points.

### **Beginner Subaru: Age 5-8 years old**

- No Season Points will be awarded in this class. This is a fun training class. All Drivers will receive participation trophies at each race.
- Sealed Subaru EX27 motor must run an unaltered Silver Factory restrictor plate.
- Must have stock timing. No Key or Keyway Modifications.
- Factory spec valve springs only.
- May not alter air box.  
May not remove, alter or leave off air filter, this includes filter foam.
- May not drill-out or alter jets.
- May not modify or alter header or install EGT sensor into header.
- Muffler may not be altered.
- No valve spring shims or altering of valve springs in any way.
- No altering stock flywheel.
- No carburetor or restrictor air leaks.
- All fuel filters must have one inlet and one outlet. Any and all breathers must be bypassed by a “Tee” back to the fuel tank.
- The only motor adjustments are spark plug or valve lash.
- Muffler Mandatory, must meet Salem noise ordinance.
- Fuel: pump or, race gas.
- You may ONLY adjust the valve lash, run any plug you desire, and replace plug wire.

### **Beginner Non-Subaru: Age 5-8 years old**

- Weight for this class is 185# Kart Only
- At this point we will run a track spec Predator motor. At any point we revert back to old rule clause the below will be in effect:
- 
- No Season Points will be awarded in this class. This is a fun training class. All Drivers will receive participation trophies at each race.
- Briggs Flathead, Briggs Animal, Honda GX200, Clone 200/212
- Restrictor Plates: (Plate sizes determined and available from “Uncle Franks” Ph: 402926-2370)
- Flathead.....Turquoise .500
- Animal.....Purple 3-hole .231
- Honda.....Green .425
- Clone.....Green .425

## 2016-17 Salem Indoor Cage Kart Rules

- No Engine Modifications; Except, Billet Rod OK, must be same length as stock rod, and stock size Billet flywheel OK. But cannot be advanced.
- Must run stock carb, stock air box
- MUST Remain STOCK out of the box
- Fuel: pump or, race gas
- Muffler Mandatory, must meet Salem noise ordinance.
- Stock Key Must be used
- Factory Timing, no advancing
- IF IT DOES NOT SAY YOU CAN DO IT IN THE ABOVE GUIDELINES YOU CAN NOT DO IT. IF YOU DO IT YOU MAY BE DISQUALIFIED!!!!

### **Box Stock Subaru: Age 8-13**

- Minimum weight kart and driver is 270#.
- All karts running this class must have a sealed Subaru EX27 motor, with proper Restrictor.
- Must run stock ignition timing.
- No Key or Keyway Modifications.
- Factory spec valve springs only, no shims.
- Carburetor bore maximum 1.029 (will be checked with no-go gauge, gauge cannot touch slide).
- No altering of flywheel.
- No altering of header or muffler.(Looney Tuned Muffler ok)
- No altering of intake manifold, but manifold extensions are allowed. Extensions may not protrude more than 1/4" into manifold.
- Pump or race gas only.  
Muffler Mandatory, must meet Salem noise ordinance.
- Any changes made must be authorized by promoter
- You may only adjust your valve lash, replace plug wire and run any plug you desire.

### **Briggs L0206 Age 8-13**

- See Briggsracing.com senior 206 clause for rule package or contact race director

## 2016-17 Salem Indoor Cage Kart Rules

- Weight 270#

### **5HP Junior Open : 8-13 years old**

- Minimum Weight kart and driver is 270.
- All Drivers must be approved by Race Director Any 5HP style engine will be allowed to run this class.
- Engine modifications OK.
- Gas or methanol.
- Muffler Mandatory, must meet Salem noise ordinance.
- Subaru flywheel from QRC OK. ALL other engines must run Billet Aluminum Flywheels.

## **125, 250, and 500 Cage Rules**

### **125cc Cage Kart: Age 9-16**

- Must run motocross/ATV single cylinder type engine (internal modifications OK)
- Must have stock stroke rod and crank.
- 125 maximum cc's, maximum overbore to 135cc.
- 135cc cannot be achieved by adjusting stroke.
- Aftermarket ignition OK.
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver combined is 350lbs.

Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum Diameter Wheel. Treads or slicks, manufacturer is Open. Tire must also meet durometer post race

### **250cc 2 and 4 cycle: Age 10 and older**

- 250 maximum cc's
- Must run a stock case and cylinder.
- Internal modifications OK.
- Aftermarket ignition OK.
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver combined is 370lbs.
- Must run motocross/ATV single cylinder type engine (internal modifications OK ). □  
Tires: Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum

## 2016-17 Salem Indoor Cage Kart Rules

Diameter Wheel. Treads or slicks, manufacturer is Open. Tire must also pass post-race durometer check

### **Open 500 Cage:** Age 12 and older

- All 450 4 stroke Karts will run this class.
- Must run motocross/ATV single cylinder type engine (internal modifications OK ).
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver is 430 lbs.
- Tires: Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum Diameter Wheel. Treads or slicks, manufacturer is Open. Tire must also pass post-race durometer check

**Fuel:** 125, 250, and 500's must run race gas or pump gas, no methanol.

### **Safety Rules All Karts**

All drivers must have Snell 2005, or newer helmet, neck brace, arm restraints, gloves, long sleeves & pants. Shoes must cover ankles. Snell rating is found inside helmet on tag/sticker under foam padding.

**YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU AND YOUR KART.**

All karts must start race with wings, hoods, and tails. No nose wings!

1. **Brakes** must be in good working condition at all times. No nylock nuts will be allowed on brake rotor, metal crush nuts only or nut and tie wire. All brake rotor bolts will be crush nutted or drilled, nutted and tie-wired. All pin or bolt connection points in brake system from brake pedal back to brake caliper will be lock nuts, safety clipped or tie-wired.
2. **Steering system** must be in good working condition at all times. All steering system components will be nylocked, machined to accept clips or drilled for tie-wire. Front spindles will be nylocked, machined to accept clips or drilled for tie-wire.
3. All karts must be equipped with a **restraint system**, seat belts and shoulder harnesses, in good working order. Shoulder harnesses must be mounted in a way to restrict forward body motion independently of seat. Lap seat belts should be mounted on bar that does not come in contact with the ground. Cut or frayed seat belts will not be allowed. This entire rule will be strongly enforced. (Arm restraints are required and must be connected to the driver's forearms).

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4. Approved **neck braces** or Head and Neck restraints are mandatory.
5. **Helmets:**
  - a. Snell approved only (Mandatory Snell 2005 or newer). Snell rating is found inside helmet on tag/sticker under foam padding.
  - b. Must fit driver's head.
  - c. Full face helmets only, motocross style helmets will also be required to use motocross style goggles.
6. **Aluminum high back seats** are MANDATORY. The top of the seat should be at the middle of the driver's head or higher.
  - a. Securely mounted to the frame.
  - b. No excessive mounting holes.
7. All drivers must maintain a working **fire extinguisher** capable of extinguishing fuel and oil fires in their pit area.
8. All karts should have a min. 6" nylon **zip tie** and/or Kill Switch attached to spark plug wire in such fashion that track officials can grab and pull wire from spark plug quickly.
9. **Driving apparel:** Racing suits highly recommended. No shorts, sleeveless shirts or cutoff pants. Shoes must cover ankles.
10. Down tube chassis' must attach down tube to main chassis by use of slider.
11. Driver's body must be completely inside roll cage. **Roll cage** height minimum of 2" clearance above driver's head. **Fuel line** location cannot be closer than 2" to any of the exhaust system at any time and shall not be above the exhaust. If closer than 2", fuel line must be insulated with a fireproof housing. Fuel line must have ample slack for cage movement. Must be petroleum grade fuel line.
12. **Suicide doors:** No suicide bars. Side bar must open from the rear. Left side protection is recommended.
13. No **axle protrusion** beyond wheel rim.
14. **Smoking** in pit building or track building is prohibited by State Law.

## 2016-17 Salem Indoor Cage Kart Rules

16. During Red or Yellow Flag/Light, **WORK ON KARTS ON RACE TRACK IS PROHIBITED**. Karts may exit the track during the yellow in order to make repairs in the HOT GRID area only. Karts may return to the track under yellow with official's approval. The work area for carts will be at the front of the hot grid. All karts will have 1 min, from the time reaching the grid to make repairs. Each kart gets 1, ONE(1) minute work period. Any other stops will be counted as a stop on the track
17. **SPEEDING** IN THE PIT AREA, doing **COOKIES** with karts or quads will result in a loss of points or suspension, as seen fit by Race Officials.
18. Any Race Official is permitted to remove kart(s) from racetrack due to **unsafe conditions** to driver and/or other karts.
19. Track Officials' decisions are final.
20. **Chain guards** are mandatory, appropriately designed to prevent injury to drivers arm. If in doubt, see safety tech.
21. All **lead weights** must be bolted on, painted fluorescent green or orange, with the Kart number written on each weight. Weights will be fastened to kart seat or chassis using a bolt(s) strong enough to safely hold weight. Each bolt will be double nutted with nylock nuts. 1 nylock nut may be used if bolt is drilled and stainless steel safety wire is installed. Fender washers of adequate size will be used to prevent bolt from pulling through mounting surface. Kart(s) losing weight(s) on race track will be subject to penalties including suspension.
22. All points stay with the driver not the Kart.
23. All new drivers will be placed on a 3 race probationary period. It is official's judgement if driver is ready for that class.
24. Any 250cc's running in the 500 class, **MUST MAKE WEIGHT**, Must abide by all open rules...
25. Transponders are to be mounted to the top side of the wing is best. On a angle support bar. Transponders are driver's responsibility. So make sure you hit hot laps, once hot laps are finished no safety laps will be allowed to check transponders. No transponders or Transponders not reading will result in ZERO points

## 2016-17 Salem Indoor Cage Kart Rules

### General House Rules:

There is to be no bad mouthing, Salem Indoor Speedway or any other events Salem is part of. No trashing the officials or other racers. If you have a issue you are asked to contact the race director. If you choose to go to the web or social media you can be subject to suspension.

No threats will be made towards any official what so ever. Any and all threats will be treated serious leading up to charges being pressed and or immediate banned from all further events.

No disrespecting any track official. They are here so you have a place to race. If they all called in sick you would not get to race. Any official may ask you to leave at any time, any official may show a black flag

Race director has final say and is unprotestable

If it does not say you can do it, than you CAN NOT DO IT

Once you leave the trophy class there is no returning unless Race director approves

Once you leave a beginner class there is no returning without Race Directors Approval 1<sup>st</sup>

Drivers are Responsible for their pit crews, friends and family.

Race ceiver channel and frequency will be posted in 1 if not both spots. REGISTRATION and/or the entrance to the track. It is the driver's responsibility to make sure you have the correct channel. If you're not hearing anything, please ask for a radio check when you come off the track.

### PROTEST CLAUSE:

There will be a \$200 protest fee, and you have 15 mins from the time of the final checkered flag to file a protest. Only the driver or owner of cart may file a protest.



