



St. Louis Karting Association



2010 SLKA Kid Kart Nationals

Sponsored by Championship Racing Performance

Schedule / Race Format / Rules

Schedule:

Friday, July 30:	1:00 PM until 5:00 PM	-	Open Practice Session / Safety Tech
	6:00 PM	-	Inside Pit Gate Closed
Saturday, July 31:	9:00 AM until 12:00 PM	-	Open Practice Session / Safety Tech
	12:00 PM until 1:00 PM	-	Lunch Break / Registration Closes
	1:00 PM	-	Drivers Meeting
	1:20 PM until 5:00 PM	-	Qualifying
	5:00 PM until 5:30 PM	-	Qualifying Tech
	6:30 PM	-	Inside Pit Gates Closed
Sunday, Aug 1:	8:00 AM until 9:00 AM	-	Open Practice Session
	9:00 AM	-	Drivers meeting
	9:20 AM until 12:00 PM	-	First Round of Heat Races (10 Laps)
	12:00 PM until 1:00 PM	-	Lunch Break
	1:00 PM until 1:30 PM	-	Pre-Feature Race
	1:30 PM until 2:00 PM	-	Last Chance Heat Races (10 Laps)
	2:00 PM until 3:30 PM	-	Feature Race (15 Laps)
	3:30 PM until 4:00 PM	-	Post Race Tech
4:00 PM until 4:30 PM	-	Awards Presentation	

Cost:

The fee will be \$60 for the first class and \$50 for the second if recieved by July 16, 2010, \$80 for the first class and \$70 for the second after July 16, 2010, up to the time of qualifying. The fee will cover the whole weekend of racing. Every driver will receive a trophy and a T-shirt commemorating the occasion. Every kart will also require a transponder. If you do not own or have access to a transponder, we will have them available for rent at the track for a cost of \$10 for the weekend.

Race Format:

We will run a restricted and an unrestricted class. Both classes will run rain or shine (rain tires will be required if the event is ran in the rain). **The class the driver will participate in must be declared at time of registration. Registration must be completed before practice. Each driver can only participate in one class. Any driver finishing 5th or higher in the 2009 KKN restricted class will be required to run in the**

unrestricted class. If a driver has competed in the unrestricted class they can not run in the restricted class. The restricted class is intended to be for first year drivers only. The top five in each class will also be honored with an identifying trophy. All drivers will receive a participation trophy.

Qualifying:

Qualifying will be a continuous loop of karts properly spaced on the track at the same time. Each kart will enter the track and complete four full laps. The best lap of the four laps will be recorded as the Qualifying lap time for the driver.

Heat Races:

The line up for the Heat Races will be determined by the Qualifying times. The total number of Heat Races for each class will be determined by establishing groups as identified below. The decision as to the number of karts within each group is at the sole discretion of the Race Director with the understanding that the groups within each class will be equalized so that the approximate same number of karts will be run together with each race. The run order for each Heat Race will be determined by placing the fastest qualifying time on the pole in the first group, the second fastest qualifying kart as the pole in the second group, and so on down the qualifying list until each group is filled. Below is a pictorial example of how the Heat Race line-up will work:

Qualifying Times

Fast Time: 1.Driver A 2.Driver B 3.Driver C 4.Driver D 5.Driver E 6.Driver F 7.Driver G
8. Driver H 9.Driver I 10. Driver J And so on down the list...

Heat Race # 1	Heat Race # 2	Heat Race # 3	Heat Race # 4
Driver A	Driver B	Driver C	Driver D
Driver E	Driver F	Driver G	Driver H
Driver I	Driver J	And so on down the list	

The Heat Races will consist of a rolling start 10 lap format and will determine who automatically advances to the Feature race. Automatic advancement will be determined by dividing 15 spots by the total number of heat groups for the class (rounded up to the nearest whole number). For example, if we have five heat groups within a class, we will divide 15 spots by five heat groups and automatically advance the top three drivers from each of the five Heat Groups (15 divided by 5). The lineup for those drivers that automatically advance will be determined by a Pre-Feature race. Those karts that did not automatically advance will be entered into a Last Chance Race for a chance at qualifying for the Feature.

Pre-Feature Race:

The Pre-Feature race will consist of the drivers who advance automatically to the Feature from their heat race. The pole will be the winner of the first heat, outside will be the winner of the second heat and so on. The finish order of the Pre-Feature race will determine the starting order of the Feature. The race will be 10 laps.

Last Chance Qualifier Races:

The Last Chance Qualifier Races will be setup exactly like the Heat Races. The groups will be reestablished using the original Qualifying time. Karts that advanced automatically to the Pre-Feature will not be in the Last Chance Race. The winner from each group in the Last Chance Races will advance to the Feature and will occupy positions further back in the line-up than those that automatically advance during the Heat Race. The winner of the first group will take the first available position behind those karts that advanced after the Heat Race. So on down the list... The races will be 10 laps.

Feature Race:

The Feature Race will conclude the day. The Feature Race will be a rolling start 15 lap main event. The line-up for this race will be determined as defined above in the descriptions of the Last Chance and Pre-Feature Races. The maximum karts in the Feature Race will be 26.

Race Rules:

Unless otherwise noted below, WKA guidelines will be enforced.

Driver Requirements:

All drivers must be at least 5 years of age but no older than 7 years of age by January 1, 2010. Drivers that are 7 years of age by January 1, 2010, but turn 8 during 2010 will be allowed to race as long as they have not raced in advanced classes (any other class than Kid Karts – which will be verified). Birth certificates and home track information will be required at time of registration to verify age and driver eligibility.

1.All drivers will be required to wear a rib protector, WKA approved chest protector, a properly fitting full face helmet with shield, a neck collar, gloves, shoes covering the ankles, and a one piece driving suit made from abrasion resistant material. No open skin should be seen.

2.No hair to extend outside of the helmet.

Kart Requirements:

1.All numbers will be assigned at registration. The numbers will be provided and are to be taped on the karts. Numbers must be on before practice. You must use issued numbers.

2.The chain guard is to completely cover the chain when viewed from above.

3.No offset karts. Seat must not be offset beyond the outside edge of the left frame rail.

4.The wheelbase must be a minimum of 29" to a maximum of 31".

5.Width of front must not be more than 40" as measured to the outside of the rims of the front tire. The rear must be a minimum of 39" to a maximum of 42" as measured to the outside of the rims of rear tires.

6.The rear bumper must be a continuous loop shape and must protect the rear tires.

7.The steering height must not exceed 20".

8.The seat height minimum 12".

9.Side pods and nose cones are mandatory.

10.The tires are open compound and may not exceed 33 3/4" in circumference. In the event of rain, rain tires will be required.

11.The total weight of the kart and driver must be at least 150 pounds.

12.Rear axle must not extend past the outside edge of the rim.

13.Added weights must be either double nut and / or safety wire and be painted white.

14.All bolts and nuts on the kart must be properly tightened and secured.

Engine Requirements:

There are many interpretations of the WKA Kid Kart rules. SLKA interprets it like this:

These classes are to run unaltered engines. This means no changing the motors to meet the best specification. Machining, filing, grinding, acid etching, blueprinting, or altering of the engines will be considered an illegal modifications.

1.The engine must be the newer style Comer 51 stock engine. The engine must contain only C51 parts.

2.All engines will be teched and sealed for the weekend before the qualifying race.

3.Engines may be teched anytime during the weekend at the discretion of the Tech Director (There will probably be a tech of fuels, exhaust mufflers and carburetors after qualifying).

4.No tape will be allowed on fan shrouds or air filter.

5. Engines within the restrictor class must run a standard unaltered WKA restrictor measured at .276" maximum.
6. The engine must use two rings at factory tension.
7. The head must be a minimum of 7.3 cc. Liner and aluminum cylinder "as cast".
8. Piston must be 1.210 minimum as measured for the bottom ring.
9. All classes: Air filter must be a Non altered K&N Filter (Part # RC-1250).
10. No boring, polishing, machining, filing or acid etching of intake or exhaust ports.
11. No adding of material to intake or exhaust ports.
12. The carburetor must be jetted between 54 and 58. No boring of jets in any manner.
13. Stock muffler from original manufacturer must be used. Only two holes with a vertical measurement no greater than .110 and a horizontal measurement no greater than .475. No filing or altering of the exhaust holes (ie No squaring the exhaust holes).
14. All karts will use a 219 chain.
15. The front driver must be a #10 and the rear sprocket must be a #89.
16. The timing cannot be altered in any manner. Key must be in place and unaltered.
17. No altering of carburetor in any way.
18. Fuel will be subject to a meter test.
19. Clutch may not be altered in any manner. Stock clutch must be used.

Note: Any kart needing assistance directly or indirectly to continue the race, after the green flag, will be disqualified. However they will be allowed to remain on the track until the race is over.

Sportsmanship: All parents and crew members should set a good example for our young drivers. Shouting, cursing, or any unsportsmanlike behavior could result in a DQ for that parent or crews Driver.

Grid Etiquette: Shoes and shirts are required for any person on the grid. No flip flops or open toe shoes please. No smoking anywhere except your pit area.

Note: Scooters, Bicycles, Razors, or anything with wheels (except go-karts) are not allowed on I-55 property.

Note: There will be RV parking allowed on the outside pit area only. Also the inside pit area will be closed and locked 1 hour after practice on Friday, and 1 hour after qualifying on Saturday. The outside pit area will remain open. Be aware there will be a race on the dirt track Saturday evening.

Asphalt pits: Asphalt pits will be no charge and will be issued on a first come first serve basis. No large trailers, campers, or RV's allowed on the asphalt.

Appendix I No modification may be made to force or restrict air to, or through the motor (No deflectors, heat shields, or guards.)

Appendix II Briggs Junior 206 class will be added and run the same format as the Comers but will have there own race. Any competitor may run a Comer kart and/or a Briggs kart. Race fees will be reduced for the second class by \$10.00. Junior 206 engine rules will be posted separately.

If you have questions or need additional information, please contact us. Thank you.

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