

# **Lone Wolf Raceway Rules and Regulations 2011**

VERSION 1.3 – 1/8/2011

## **Safety**

### **Driver Safety Equipment**

#### **Helmets**

- Closed faced helmets with eye shields must be worn at all times
- Helmets must be SNELL SA2000, M2000 or K2000. SFI 24.1, 31.2a or 41.2a
- Helmets must be buckled at all times
- Helmets may not show damage or wear
- Long Hair must be tucked in at all times

#### **Clothing**

- Long sleeve shirts and long pants are recommended at all times
- For pavement events, a jacket of nylon, denim or leather must be worn

#### **Footwear**

- Closed toe shoes must be worn at all times

#### **Safety Equipment**

- A wedge type neck collar made for kart racing must be worn by all competitors

### **Kart Safety Equipment**

#### **Suspension**

- All suspension mounting points must be safe and rigidly mounted
- No moving suspension is allowed at any time

#### **Bumpers - Front**

- Full width front bumpers are required at all times. The bumper must extend outward to the outside edge of the front tires
- Front bumpers may not drag on the track or hang dangerously
- Front bumpers may not have sharp edges or edges that would get caught in competitors' karts
- CIK style plastic or fiberglass front bumpers are REQUIRED and must be mounted in such a way as to prevent tire contact

#### **Bumpers - Rear**

- Rear bumpers are required at all times
- Rear bumpers may not drag on the track or hang dangerously
- Rear bumpers may not have sharp edges or edges that would get caught in competitors' karts
- Rear bumpers MUST extend to at the centerline of each rear tire

#### **Nerf bars**

- Nerf-bars are required on both sides of the kart at all times
- Nerf-bars may not drag on the ground at any time
- Nerf-bars must be secured to the kart in a safe manner
- Nerf-bars must not have sharp or dangerous edges
- The trailing edge of both nerf bars on side pods must be outboard of the outside edge of the rear tires on both sides of the kart
- CIK legal side pods are mandatory

**Ballast**

- Ballast must be placed on kart between the front and rear axle and secured in a safe manner to the frame or seat
- Ballast must be mechanically secured to the kart, i.e. nuts and bolts
- Ballast may be in an unbreakable container provided that container is secured to the kart in a mechanical manner
- Loose or dangerous ballast will result in a black flag
- No ballast may be mounted higher than 21” off the track surface or above the top of the seat

**Seats**

- Seats must be mounted to the kart in a safe manner
- All seats must be mounted by a minimum of four seat mounts, maximum of six
- Seat mounts must be rigid and not able to move, flex, deform, or otherwise allow the seat to change location
- The bottom of the seat must be within 1.5” of the bottom of the frame rail
- No part may be added to the seat to conform to seat mounting rules
- Seats may not have sharp or exposed edges
- Seat may not extend behind the rear axle

**Brakes**

- Brakes must be fully functional at all times
- Karts cannot be on the track at any time without brakes

**Chain and clutch**

- Belt, chain and clutch guards are required on all karts at all times
- Belt, chain and clutch guards must be safe and effective
- Full-length chain guards are recommended

**Engines / Fuel**

- Engines must be safely mounted at all times
- Pump gas only, no fuels containing lead or other exotic compounds may be used
- Fuel is restricted to 87-94 octane, unleaded fuel
- Maximum 2-gallon fuel tanks
- OEM governors may be overridden in any manner, provided there is no likelihood of a stuck throttle
- Low oil kill switch may be disconnected
- Pull start mechanism may be modified for sake of longevity only
- Spark plugs may be of a non-OEM brand

**Tires**

- Tires must be un-treaded slicks, Maxxis HG3
- No grooves may be stock or added to tires
- No traction devices such as screws may be used, unless otherwise posted
- Tire softening through the use of chemical compounds or mechanical process are prohibited
- Tire “cutting” or otherwise physically modifying the size, shape, profile or thickness of a tire is prohibited

**Tire specification**

- Maxxis HG3 compound
- Competitors may use any combination of tire sizes in the HG3 compound range provided both front tires are the same size and both rear tires are the same size
- The rear tires must be nominally larger than the front tires

## **General Safety**

- Kart may not leak any fluid onto the track or in the pits
- Kart must be on blocks when running in the pits

## **On track safety**

### **Spirit of the rules**

- All driving, be it in practice, qualifying or racing must be performed in a safe manner
- Any driver observed to be driving in an unsafe manner will be stopped and reprimanded or penalized as determined by the Track Steward, Property Steward or Officer of the RVKC

### **Passing**

- At all times, it is the responsibility of the overtaking driver to make a clean, safe and contact free pass
- It is the responsibility of the driver being overtaken to drive a safe and consistent line on the track
- Blocking, swerving or other unsportsmanlike or dangerous driving will result in the loss of driving privileges or probation

## **Kart preparation**

### **Numbers**

- Numbers will be issued before the opening of the series to all returning competitors on a first come, first serve basis
- New competitors may choose numbers at the beginning of any event, but must keep their chosen number for the remainder of the series
- Numbers must be displayed clearly on the front and both sides of the kart at all times
- Number must be clear and legible
- Numbers must be at least 5" in height and must contrast with the background in which they are applied

### **Transponder**

- Transponders must be rented from the organizer in order to compete
- It is your responsibility to properly mount your transponder
- All transponders must be returned to the organizer at the end of each event

### **Kart condition**

- All karts must meet the minimum safety requirements as laid out in the safety rules

### **Tires**

- Tires must meet the requirements as laid out in the safety rules
- Tires must be the specific tires for the series
- No tire can show canvas before the start of qualifying or a race

### **Clutch and gearing**

- Gear ratio is open
- No variable ratio belt drives or transmissions are allowed
- Chain, sprockets and chain guards are open provided they meet the safety requirements laid out in the safety section
- Belt drive is permitted provided it is a cog type and must be a constant ration
- The clutch is open

- Fun kart clutches are recommended
- Axle clutches are prohibited
- Wet clutches are prohibited (excluding Honda gear reduction)
- Driver must be protected from all spinning parts by a sturdy guard

### **Minimum kart weight**

- A minimum kart weight is mandatory for all classes
- The combined weight of the kart, driver and safety equipment as the competitor finishes the race or qualifying session must be as outlined below:  
Stock Class Light Weight– 325#  
Modified Class – 375#
- The organizers reserve the right to weigh any competitor and their kart at any time
- The top four finishers in each point race must report immediately to the weigh in area as they exit the track
- Competitors finishing a race under weight will be penalized one finishing position for each pound underweight
- If a competitor is more than four pounds under weight they will be disqualified
- Karts weighing less than the mandatory weight as a result of lost body work or components during a race are still considered underweight

### **Classes**

#### **Stock Class**

- Minimum weight for kart and driver is 325#
- Engine horsepower is limited to 9HP with an NR Racing sealed motor
- If you choose to run a stock 6.5HP, it must be completely stock, no modifications, no weight requirement
- 200cc maximum engine size, GX 200 or equivalent clone motor
- No axle clutches can be used
- Header pipe with silencer that meets pre-determined decibel levels
- Engines cannot exceed 90-decibel level at 20 feet, full throttle. This level may be changed at the discretion of the Board of Directors or Property Steward
- If it doesn't say you can do it, you can't do it!

#### **Modified class**

- Minimum weight for kart and driver is 375#
- 4 stroke engines only
- Maximum 16-horse power
- Maximum 200cc engine block – GX 200 Honda
- No axle clutches can be used
- No shifter karts allowed
- All modified karts must have clearly labeled remote on/off switches on cowling  
Label must be at least 4" in size
- Engines cannot exceed 90-decibel level at 20 feet, full throttle. This level may be changed at the discretion of the Board of Directors or Property Steward

## **Race procedure**

### **Qualifying**

- When qualifying is used before a race, the Track Steward will communicate the qualifying process before qualifying begins at the driver's meeting

### **The Grid**

- All competitors' karts must be on the grid five (5) minutes before the official starting time of the race
- Karts that are not on the grid five minutes before the start of the race will start from the back of the grid

### **Starting**

- Unless otherwise communicated by the Track Steward, all starts will be rolling starts

### **Racing**

- The Track Steward will determine race lengths
- Racing will remain safe and in accordance with all rules governing on track behavior and procedure

### **Pit stops**

- Pit stops shall be performed in a safe and under control manner
- When entering and exiting the pit lane, extreme caution must be used and speed will be kept to that of a person walking briskly or below
- Speeding and unsafe pit procedure will result in a black flag or other penalty
- Refueling mid race is prohibited unless otherwise posted
- Karts returning to the track from the pit lane must blend into traffic safely

## **Flags**

### **Yellow flag**

- Caution, SLOW DOWN! The yellow flag is shown to alert drivers of a track blockage or unsafe condition. There is no passing in the area leading up to or at the yellow flag. Ignoring a yellow flag will result in a black flag

### **Yellow flag at all stations – Full course yellow**

- If a yellow flag is displayed at all stations (as well as a yellow light on the light tower), a full course yellow is in effect and all karts will slow to follow the kart in front of them
- No passing is allowed under a full course yellow
- Karts may enter the pit lane during a full course yellow

### **Black flag**

- The black flag is used to a single driver that he or she must report to the pits
- A black flag will be used at the discretion of the Track Steward
- Ignoring a black flag will result in the driver being ejected from the race track and asked not to return

### **Green flag**

- GO, begin racing safely
- The green flag will be shown at the beginning of a race and to begin racing after a caution period

### **Red flag**

- Stop immediately in a safe manner
- No passing permitted, shut off kart

### **Race stoppage**

- If the race needs to be stopped for any reason, the competitors will be restarted in the running order of the last completed lap
- The Track Steward has the option to stop a race at any time they see fit for the sake of safety or fair competition

### **Timing and scoring**

#### **Points**

- The organizers will maintain and publish the season's point totals for each class

### **Post race inspection**

#### **Purpose**

- Post race inspection is to maintain safety and integrity of kart racing and is at the discretion of the organizer

#### **Procedure**

- All competitors must cooperate and comply with all requests made of them during the post race inspection period
- Inspection will immediately follow selected events
- Competitors are expressly forbidden from modifying, altering, to add or remove anything from their karts between the end of the race and the post race inspection
- The top four (4) finishers in each class must immediately report to the official scales as they exit the track following each race
- See section for weight class information

### **Kart Safety inspection**

- The condition of all required safety equipment will be checked to be in compliance with the safety rules
- The brakes of each kart shall be tested after each race
- A kart will be determined to have brakes if and only if it is able to stop the rear axle from turning with a passenger in the seat while being pushed on the track surface by another kart
- The Track Steward will have the final say in all brake related rule infractions
- The organizers give express permission to the Track Steward to exclude a competitor from the official results for a post race inspection violation

### **Spirit of competition**

#### **Rules enforcement**

- The rules are meant to protect the competitors as well as the promoters and the host
- There will be no leniency shown to those who disregard these rules and act in an unsafe, unhealthy or inconsiderate way

#### **Rule changes**

- All rules may be appealed and all competitors have the opportunity to request a review or clarification of any rule
- If the competitor has a question about the legality of a part, modification, procedure or action, the organizers will respond to that question in a timely manner

### **Membership/racing costs**

- Annual membership is \$400.00, due by March 31, 2011
- To race in the point series you must be a club member
- Cost per race day for members is \$25.00. This includes insurance, pit pass, the races and associated points
- Cost per race day for non-members is \$50, no points awarded
- Cost for members on practice days is \$10.00, non-members pay \$20.00
- Pit passes are \$10.00 for anyone who is not a paid racer

**Congratulations!!** You have gotten through all the rules and regulations. Please remember this is for fun! Have a great time, hang out and race as long as you like. Please be safe and courteous. This is a work in progress and any input you have to make the track or amenities better please feel free to make suggestions, if there are any problems please tell us or ask for help. Good luck to everyone on the upcoming race season!!

