

# Red Dirt Raceway

## **2009 DRIVER SAFETY RULES**

1. All drivers will wear their helmets, arm restraints, seat belts and fire suit any time kart is in motion.
2. Full face helmets are recommended. Motocross style helmets will require goggles for eye protection.
3. Helmets:
  - Snell or DOT approved only.
  - Must fit drivers head
4. 360 degree neck supports are required for all classes
5. Fire retardant driving suit is required. Full length coverall or top and bottom is acceptable. NO shorts or short sleeve shirts.
6. Full finger gloves required
7. Arm restraints are required for all classes and must be adjusted to keep arms in kart. Restraints must be attached to seat belt harness latch for quick removal from kart in case of accident. Must be worn below elbow. Arm restraints ran thru the steering wheel or steering post are not acceptable.
8. Minimum 4-point seat belt required; 5-point recommended.
9. Wolf plate required on brake rotor if using fiberglass seat. Aluminum race seat is recommended.
10. Feet and legs must be restrained to stay in kart.
11. **NO ALUMINUM CHAIN GUARDS! STEEL ONLY --NO EXCEPTIONS!**
12. Seat Mounts: Securely mounted to the frame. No Excessive holes. Any suspended seat is to have safety cable attached to seat.

## **GENERAL KART RULES ALL CLASSES**

### **Drivers**

1. Drivers under the age allowed in classes may compete with track official approval.
2. Everyone **MUST** sign insurance release.
3. All drivers under the age of 18 must provide a notarized minor's release. In addition, when parent or guardian is not in attendance, drivers must provide a designated guardian form.
4. Each driver **MUST** have a serviceable fire extinguisher in pit area.

### **Frames**

1. Any production / purpose built racing chassis. Motor must be mounted beside driver.
2. Frames must be of kart configuration. Not to exceed 90" in overall length. **NO EXCEPTIONS.** Kart not to exceed 350lbs. including full tank of gas.
3. Frames must be constructed of steel. **NO** aluminum or conduit tubing allowed.
4. 4-point roll cage mandatory. Roll cage must be securely welded or bolted to frame.

5. Minimum 3" head clearance. No conduit cages.
6. Cage must be constructed of steel no smaller than  $\frac{3}{4}$ " OD.

### Body

1. Bodies are mandatory must provide adequate coverage over driver's feet.
2. Fiberglass or plastic, no metal or aluminum
3. Wings on roof or front allowed on all karts. Top wing must stay within 3" from outermost edge of kart. No sharp edges
4. Suicide doors: No suicide bars. Side bar must open from the rear. Left side protection is recommended
5. No axle protrusion beyond wheel rim

### Bumpers and nerf bars

1. Front and rear bumpers required max of 1" in OD tubing not to exceed the outside tread of tire
2. Bumpers and nerf bars must have rounded or capped ends. No sharp edges

### Exhaust/ header

1. may use any style open header
2. If exhaust protrudes past frame or roll cage, it must have flared or washer end.

### Tires and wheels

1. Any 5" or 6" steel or aluminum wheels
2. Any compound slick or treaded. No knobbies.

### Brakes

Mechanical or hydraulic disk; no scrubber style brakes.

### Drive train

1. live axle only
2. STEEL CHAIN GUARD ONLY
3. Clutch as specified in class rules
4. Fuel
5. Pump gas only fuel--specified in class rules.
6. No enhancers or additives
7. Fuel line location cannot be closer than 2 inches to any of the exhaust system at any time and shall not be above the exhaust. If closer than 2 inches, fuel line must be insulated. Fuel line must have ample slack for cage movement. Must be petroleum grade fuel line.
8. Fuel tank location: Out board mounted fuel tanks must have metal protection, particularly fuel petcock area.
9. Any competitor spilling oil or fuel on the track will be subject to suspension.
10. Fuel may be pumped around or tested by any means available to KART officials. Violators may be suspended.
11. Crankcase content is subject to test, at any time, for dangerous, oxygen bearing or flammable vapor producing substances, which are prohibited.
12. Flame test procedure is as follows:
  - a. Drain about 1 fl. Oz. of crankcase oil into a large steel spoon or ladle
  - b. Apply heat to the bottom of spoon with propane torch while checking the surface temperature of the oil with an infrared temperature gun.

c. When the oil temperature is between 250 and 300 degrees maximum, pass the flame 3 times over the oil approximately 1-inch above the surface. Do not touch the flame to the surface of the oil.

d. If the oil ignites and continues to burn when the flame is removed, it is illegal. If the oil flashes and the flame goes out immediately when the torch is removed, the oil is legal. Modifications of the method are acceptable if the following points are observed: Oil temp never exceeds 300 F. The flame source does not torch the surface of the oil. Continued burning of the oil is necessary for illegality.

### Numbers

1. Kart numbers must 10" tall on right and left sides of kart and wing. Numbers must be 8" in tall on the front. It is preferable to have 10" number on the right side of large wing.
2. Numbers must be in contrasting color.

### Kill Switches

1. Must have kill switch mounted on/ off switch on right rear top of cage pointing forward or up
2. Second kill switch must be mounted in reach of driver, while seated and buckled in kart.
3. Karts must have 6-inch nylon tie attached to spark plug wire.

### Weights

1. All weight added to kart must use bigger than ¼" bolts.
2. All weights must be painted white with kart number for identification.

### SPECIAL RULES

1. No pressure tank in any classes.
2. Oil catch container overflows are mandatory in all 4-cycle classes. Overflow system subject to tech.
3. Tach and temp gauges are subject to tech inspection and are legal in all classes
4. No sealer or paint may be used on any gasket or sealing service. Sealer may be used as an exhaust gasket in all classes.
5. Engine will be teched the day it is raced.
6. Engines may be checked for air leaks.

## DISCLAIMER

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