

# F1 New Jersey Competition Class Structure 2009

## *Kid Kart*

*5-8 years old*

*Must be at least 5 years old to practice and race  
Must have chest protectors meeting SFI Spec. 20.1*

### Kart Specifications:

Length- 52 inches maximum

Width- 41 inches maximum

Wheelbase- 29 inches – 31 inches

Gear Ratio- 10/89- 10 tooth engine sprocket with an 89 tooth rear sprocket

**Chain-** Comer #219

### Engine Specifications:

Comer modd C-50, C-51 or CC: 50

Fixed Jet Carb (jet sizes- 54 to 58)

Pull Start

Unaltered stock motor, clutch, exhaust, carburetor, etc. (NO MODIFICATIONS ARE LEGAL)

### Fuel:

Fuel must be purchased from NJMP

### Weight:

150 lb. minimum (kart and driver)

WKA Spec Oil

### Tires:

Open tire

## *Micromax*

*7-10 years old*

*See [www.rmaxchallenge.com](http://www.rmaxchallenge.com) for full set of rules and specifications*

### Kart Specifications:

95 cm. chassis maximum

Gear- 14 x 73

**Engine Specifications:**

Mandatory use of Rotax Micro Max package

**Fuel:**

Must be purchased through NJMP

**Weight:**

235 lb. minimum

**Tires:**

Mojo D2

*Yamaha Jr. Sportsman*

*8-12 years old*

**Kart Specifications:**

5.30 min Gear Ratio

No axle clutches

**Engine Specifications:**

100 cc Yamaha KT100 (restricted)

-requires a Walbro WA55B carburetor with WA55B manifold

Yamaha w/ RLV SSX-V 7548

Yamaha; Only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787 are legal

**Fuel:**

110 octane (purchased through NJMP)

**Weight:**

250 lbs maximum

**Tires:**

Bridgestone YHC 4.50 x 5 OR MG Red HZ 4.60 x 5

*Cadet*  
8-12 years old

**Kart Specifications:**

5.30 min gear ratio  
Length- 72"  
Wheel base: 35" min 41" max

**Engine Specifications:**

Comer K-80  
Comer 60cc

**Weight:**

235 lbs

**Tires:**

MG HZ Red 10x4.60-5 F&R

*Minimax*

9-12 years old

See [www.rmaxchallenge.com](http://www.rmaxchallenge.com) for detailed rules

**Kart Specifications:**

Mandatory use of junior cylinder and restrictors as specified by ROTAX, or other restrictors that may be required by the 2009 USRMC Rules Primer. National spec gear is 13 x 82. Chassis per 2008 USRMC Rules Primer. Chest protectors are mandatory.

**Fuel:**

Purchased through NJMP

**Weight:**

265 lb. minimum

**Tires:**

*Yamaha Jr. Can Lite*

12-15 years old

Mojo D2

**Kart Specifications:**

No axle clutches

**Engine Specifications:**

Yamaha w/ RLV SSX-V 7548

Only heads with OEM castings "Yamaha" and cylinders with Y3 or Y4 and 787 are legal

**Fuel:**

Purchased through NJMP

**Weight:**

305 lbs

*TAG Jr./Rotax Jr.  
13-16 years old*

**Tires:**

Bridgestone YHC 10x4.50-5 F, 11x6.00-5 R

**Kart Specifications:**

Mandatory use of a junior cylinder without exhaust valve. Competitor must reach the age of 13 by October 31, 2009 (see note\_1 below). No Junior class competitor may attain the actual age of 17-years-old prior to October 31, 2009. Junior drivers reaching the age of 13 after October 31, 2009 may compete in the US Grand Nationals as a Junior but will not be eligible to qualify for the Rotax Grand Finals.

**Engine Specifications with Weight:**

Cheetah 125	320 lbs
Parilla Leopard	320 lbs.
PRD Fireball	320 lbs.
Rotax Max FR125 JR	320 lbs.
Vortex TT	320 lbs.

## *Briggs Animal Jr.*

*12-15 years old*

### Fuel:

110 octane with the exception of Rotax Max which runs 98 octane

### Tires:

Bridgestone YHC

### Engine Specifications:

Briggs & Stratton Stock Animal Engine with 0.575" (Black) intake restrictor plate

### Fuel:

Methanol

## *Jr. Expert*

*8-15 years old*

*This class is designed to provide a place for the racer who is visiting our track and whose kart does not fall into any of the above mentioned F1NJ junior classes.*

### Weight:

310 lbs.

### Tires:

Bridgestone YHC

Wheel Width- Front 6 1/2", rear 7 3/4"

### Kart Specifications:

Must pass safety pre-tech

Kart and driver must satisfy the requirements of a nationally recognized kart sanctioning body.

### Fuel:

Open

Tires:

Open tire (any tire compound may be used, but to be eligible for year-end award- Open MG compound must be used)

Kart Specifications:

Must be stock pipe and carb as supplied by manufacturer; Airbox required

Engine Specifications with Weight:

Cheetah 125		350 lbs.
Parilla Leopard		365 lbs.
Parilla Leopard USA MY 09		365 lbs.
PRD Fireball		350 lbs.
Rotax Max FR125 SR		350 lbs.
Sonik TX125	-----	380 lbs.
Motori Seven	-----	365 lbs.
Vortex TT		370 lbs.

## *TAG Masters*

*Age 35+*

Fuel:

110 octane with the exception of Rotax Max which will run 98 octane

Tires:

## *TAG Sr.*

*Age 15+*

*Competitor must reach the age of 15 by October 31, 2009.*

*Follow WKA rules*

Bridgestone YHC

Engine Specifications with Weight:

Cheetah 125	370 lbs.
Motori Seven	385 lbs.
Parilla Leopard	385 lbs.
Parilla Leopard USA MY 09	385 lbs.
PRD Fireball	370 lbs.
Rotax Max FR125 JR & SR	370 lbs.
Sonik TX125	400 lbs.

*Animal Sr.*

*Age 15+*

Vortex TT	400 lbs.
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Fuel:

110 octane with the exception of Rotax Max which will run 98

Tires:

**Bridgestone YHC**

\*Must have stock pipe and carb

Engine Specifications:

Briggs & Stratton Stock Animal engine

Weight:

minimum 350 lbs (kart and driver)

Fuel:

Methanol

Tires:

Firestone YKD - Front and rear 5.00 x 6" or 6.50 x 6"

Wheel Width- 5.00 x 6" tire - 6.5", 6.50 x 6" tire 8 3/4"

Engine Specifications:

Yamaha + RLV SSX-V #7548 exhaust ; no axle clutches

Weight:

330 lbs. minimum (kart and driver) (LITE) 360 lbs (HEAVY)

Fuel:

110 octane as purchased from NJMP

Tires:

Bridgestone YHC

### *Shifter*

*No individual less than 15 years of age may operate in the shifter class. All shifter class competitors must have at least one year of previous verifiable karting experience.*

*See <http://agrracing.net/rules08.html> for complete rules and regulations*

Kart Specifications:

\_Maximum one chassis frame may be used from the beginning of qualifying to the end of the event.

### *Sr Flyport*

### *Yamaha Supercan*

*Age 15+*

Four wheel brake systems are required.

Engine Specifications with Weight:

-up to 85cc motors- 320 lb minimum (kart and driver)

-ICC motors-

-125cc motors- 375 lbs. (kart and driver)  
any 3-hole airbox with 29mm orifices

-Stock moto- 375 lb. (kart and driver)  
run with shifters; scored separately

Kart Specifications:

Kart must pass safety pre-tech

Kart and driver must pass the requirements of a nationally recognized kart sanctioning body

Fuel:

Open

Tires:

Bridgestone YHC