



2024

**SUPERCOMP
SERIES RULES**



2024 SUPERCOMP SERIES CLASS REGULATIONS

The Gateway Kartplex SuperComp series provides the experienced karter with a challenging environment to further hone their driving skills and race craft. SuperComp class rules allow all chassis manufacturers, softer tire compounds, and have both 4-cycle and 2-cycle engine options. Many of our Ignite drivers also participate in SuperComp to maximize their seat time.

CLASS STRUCTURE

KID KART

Age: 5-8 years old

Chassis: Open

Engine: Honda GXH50 only([Engine Rules](#))

Clutch: HPD supplied. Early clutch is black HPD supplied with either white or blue springs (no mixing of colors allowed). Current clutch is gold Noram supplied with light (.070-.075 wire diameter) red springs only. Both early and current clutch are legal but must run with specified springs. No modifications or oiling allowed.

Spec Gearing: 219 chain, 15 tooth driver, 89 tooth rear sprocket

Fuel: 91 octane at track, no alcohol added (\$10/gallon)

Exhaust: Stock

Tire: Hoosier 4.5/4.5 R60B

Bodywork: CIK plastics

Weight: 160 lbs **NEW WEIGHT IN EFFECT STARTING 9/1/21**

BRIGGS ROOKIE

Age: 8-12 years old

Chassis: Open

Engine: Briggs LO206 ([Engine Rules](#))

Clutch: Shoe style only

Slide: Red, **Briggs carb locking clamp must be in place with cap fully tightened at all times. This is a tech item.**

Fuel: 91 octane at track, no alcohol added (\$10/gallon)

Exhaust: RLV 5507 or 5506

Tire: Hoosier 4.5/4.5 R60B

Bodywork: CIK nose required (see bodywork rules below)

Weight: 250 lbs

BRIGGS JUNIOR

Age: 12-15 years old

Chassis: Open

Engine: Briggs LO206 ([Engine Rules](#))

Clutch: Shoe style only

Slide: Yellow, **Briggs carb locking clamp must be in place with cap fully tightened at all times. This is a tech item.**

Fuel: 91 octane at track, no alcohol added (\$10/gallon)

Exhaust: RLV 5507 or 5506

Tire: Hoosier 4.5/6.0 R60B

Bodywork: CLK nose required (see bodywork rules below)

Weight: 320 lbs

BRIGGS SENIOR

Age: 15+ years old

Chassis: Open

Engine: Briggs LO206 ([Engine Rules](#))

Clutch: Shoe style only

Slide: Black

Fuel: 91 octane at track, no alcohol added (\$10/gallon)

Exhaust: RLV 5507 or 5506

Tire: Hoosier 4.5/6.0 or 4.5/7.1 R60B

Bodywork: CLK nose required (see bodywork rules below)

Weight: 360 lbs

BRIGGS MASTER

Age: 35+ years old

Chassis: Open

Engine: Briggs LO206 ([Engine Rules](#))

Clutch: Shoe style only

Slide: Black

Fuel: 91 octane at track, no alcohol added (\$10/gallon)

Exhaust: RLV 5507 or 5506

Tire: Hoosier 4.5/6.0 or 4.5/7.1 R60B

Bodywork: CLK nose required (see bodywork rules below)

Weight: 380 lbs

Briggs Master (35+) drivers are also eligible to compete in the Briggs Senior (15+) class. [updated 04/9/21]

IGNITE 100 JUNIOR

Age: 12 – 15 years old

Chassis: Margay Ignite K3, utilizing standard Ignite chassis rules (17mm spindles, 40mm rear axle, etc)

Engine: VLR100, Sealed (Engine Rules)

Exhaust: VLR100 as supplied by Vortex

Gear: 10t or 11t clutch driver, rear gear-open

Spec Fuel: VP C12 with Redline oil only. Ratio ranges from 16 to 1, 20 to 1. 6.4 oz to 8 oz to the gallon. **Tires:** Hoosier 4.5/7.1 R70 compound

Wheels: Front-TruSpeed Magnesium 5/130mm w/17mm bearings (#771311), Rear-TruSpeed Magnesium 5/212 (#771910)

Bodywork: FIA/CIK Homologated, manufactured by KG Karting, any model/style, must utilize full-width rear bumper

Battery/Starter: OEM battery box and ignition buttons must be present and functional, installed on the left side of the chassis. Aftermarket batteries are acceptable but must fit within the OEM battery box and be securely contained. External plug-in starters may be used. It is allowable to drill a 1" diameter hole in the clutch cover for starter nut access.

Minimum Weight: 320 lbs w/driver, post race

IGNITE 100 SENIOR

Age: 15+ years old

Chassis: Margay Ignite K3, utilizing standard Ignite chassis rules (17mm spindles, 40mm rear axle, etc)

Engine: VLR100, Sealed (Engine Rules)

Exhaust: VLR100 as supplied by Vortex

Gear: 10t or 11t clutch driver, rear gear-open

Spec Fuel: VP C12 with Redline oil only. Ratio ranges from 16 to 1, 20 to 1. 6.4 oz to 8 oz to the gallon.

Tires: Hoosier 4.5/7.1 R70 compound

Wheels: Front-TruSpeed Magnesium 5/130mm w/17mm bearings (#771311), Rear-TruSpeed Magnesium 5/212 (#771910)

Bodywork: FIA/CIK Homologated, manufactured by KG Karting, any model/style, must utilize full width rear bumper

Battery/Starter: OEM battery box and ignition buttons must be present and functional, installed on the left side of the chassis. Aftermarket batteries are acceptable but must fit within the OEM battery box and be securely contained. External plug-in starters may be used. It is allowable to drill a 1" diameter hole in the clutch cover for starter nut access.

Minimum Weight: 360 lbs w/driver, post race

IGNITE 100 MASTER

Age: 35+ years old

Chassis: Margay Ignite K3, utilizing standard Ignite chassis rules (17mm spindles, 40mm rear axle, etc)

Engine: VLR100, Sealed (Engine Rules)

Exhaust: VLR100 as supplied by Vortex

Gear: 10t or 11t clutch driver, rear gear-open

Spec Fuel: VP C12 with Redline oil only. Ratio ranges from 16 to 1, 20 to 1. 6.4 oz to 8 oz to the gallon.

Tires: Hoosier 4.5/7.1 R70 compound

Wheels: Front-TruSpeed Magnesium 5/130mm w/17mm bearings (#771311), Rear-TruSpeed Magnesium 5/212 (#771910)

Bodywork: FIA/CIK Homologated, manufactured by KG Karting, any model/style, must utilize full width rear bumper

Battery/Starter: OEM battery box and ignition buttons must be present and functional, installed on the left side of the chassis. Aftermarket batteries are acceptable but must fit within the OEM battery box and be securely contained. External plug-in starters may be used. It is allowable to drill a 1" diameter hole in the clutch cover for starter nut access.

Minimum Weight: 380 lbs w/driver, post race

TAG 60 CADET

Age: 9-12 years old

Chassis: Open

Engine: IAME Mini Swift

Supplemental: WKA Rules

Fuel: VP C12/Red Line Oil

Exhaust: Factory IAME

Tire: Hoosier 4.5/4.5 R60B

Bodywork: CIK plastics

Weight: 250 lbs

OPEN CLASS

"Run what ya brung"

This class is a non-championship points class consisting of engines not specified in any of the above classes.

This class is open and not limited to the engines IAME, KA100, VLR100, Yamaha KT100, Shifter, X30, IAME Leopard, Predator GHOST, Clone, and World Formula. Vintage karts are also welcome.

AGES 12 YEARS AND UP

No chassis restriction

No tire restrictions

No weight restrictions

NO TECH

THIS IS A FUN OPPORTUNITY TO GET TRACK TIME.

SUPERCOMP SPECIFIC RULES

***SEE KARTPLEX RULES FOR TRACK SPECIFIC RULES**

BODYWORK

Any CIK homologated bodywork manufactured by KG Karting is acceptable. All bodywork must be in safe, presentable condition. Briggs classes may utilize non-CIK homologated front fairings and side pods. Only the use of CIK homologated plastic front nose cones are permitted.

REAR BUMPER

Rear bumpers must cover at least one-half of the rear tires on both sides. The use of both metal and plastic rear bumpers are permitted.

SEATS

The bottom of the seat must be located within the left and right frame rails laterally. The seat may not extend beyond the vertical plane of the rear axle. Seat height requirements are as follows (measured from the ground to the top of the seat): Sportsman – 10", Junior – 12", Senior – 13". Lay-down-style seats are not permitted.

FLOOR PANS

Front floor pans are required. Rear floor pans are permitted but may not extend laterally beyond the left- and right-hand frame rails.

SPROCKETS

Any class can use a #35 or #219 pitch chain. Skip tooth sprockets are not allowed.