



## 2022 Sportsman (Flat Kart) Class rules

13 years old and up

- **Must have Snell 2015 or newer helmet!**

**Sportsman class is Hoosier Treaded Tires ONLY! (NO Slick tires allowed)**

These Are The Only Acceptable Options:

### Left-side

**Hoosier Treaded 11 X 5.5 X 6  
D30 Compound  
Minimum Durometer – 45  
(35.5" Max tire size on LR)**

### Right-side

**Hoosier Treaded 12 X 9 X 6  
D50 Compound  
Minimum Durometer – 50  
(38" Min tire size on RR)**

Maximum Wheel width on any corner is 10.75 inches

Minimum Wheel width on any corner is 6 inches

\*Left rear tire Max size of 35.5"

\*Right rear tire Minimum size of 38"

\*(These tire sizes will be given ¼" of leeway)

**Tires can be washed with water only.** Tires **MUST** be dry when brought to Hot Grid! It is up to the team and driver to maintain your tires, if a foreign chemical is found in the lab testing a driver will be fined and suspended as follows. **NO TIRE PREP OF ANY KIND ALLOWED!**

Tire samples may be taken at any time during a race night

If tires smell like prep you will be automatically suspended

No Hot boxes or heat blankets are allowed

Min tread depth 1/16"

You may groove, sipe & grind tires

Sportsman class must paint tire stamps/ tire numbers with white paint pen for easy visibility to officials

## Engine options allowed in Sportsman Class will be Briggs LO206 or the Predator:



### • Predator Engine Rules: (Item #'s 60363 or 69730)

(Tech will be performed)

- After market air filter and adapter, pipe/muffler are allowed. Main jet will be Max of .037" NO GO and pilot jet will be Max of .020" NO GO.
- Timing is Non-Tech, but the engine must have a key) installed on the flywheel (can be offset key to change timing)
- The Engine Must Pass A Governor Test With Tires On The Engine 5,500 Max RPM  
Engines Must FULLY Surge Before and At 5500 RPM
- The governor must be connected and operational
- Any engine can be claimed by a racer in the field after race
- Claim price \$130
- Track can claim any engine or in pre-announced races require any participant to run a track supplied engine or swap with a competitor in the class.
- You may disconnect vent tube on tank
- You may disconnect throttle stop screw
- You must run the factory gas tank
- You can only bolt on a chain guard
- You can disconnect wire used for oil sensor and tape it
- You can drill a small hole in the gas cap
- You May Tape The Engine Pull Cord
- 87 Octane pump gas only, no additives, no race gas
- **350 lb minimum kart and driver with Predator**

### • Briggs Animal LO206 Engine Rules:

- 2020 Briggs LO206 engine rules apply, 6100 rev limiter, short slide, Spec pipe (RLV 5506 or RLV 5507) only and muffler required for this class

- Any Factory sealed Briggs LO206 Short block will be allowed in 2022, must meet all Briggs Tech rules other than the new Briggs seals.
- Gasoline only, no additives, no ethanol blended fuel 89-92 octane only
- Any centrifugal clutch with a maximum of 3 springs and 3 shoes is allowed. No alterations to clutch is allowed, except springs, clutch coolers not allowed NO single or multi disc clutches allowed
- #35 chain only! No 219 chain allowed

Steel axle only

2022 NKA Rules will apply for these speedway type karts unless otherwise stated

CHAIN GUARDS: Must have aluminum, steel or equivalent material chain guard by clutch and then extend chain guard with safe material to protect drivers arm. Must be secured properly to protect driver from broken chain.

- **375 lb minimum kart and driver with 206**
- **350 lb minimum kart and driver with Predator**

Rule 721.26- HAVE FUN!

\*Thunder Hill Speedway reserves the right to modify these rules as needed