



### 2022 Rookie Cage Rules:

- Ages 5-7

No Weight rule

### This is a Non-Competitive, Beginner Class Only! Non-Points Class!

RACEIVER RECOMMENDED IN THIS CLASS!

This class is designed as a learning class for young drivers to get experience as they begin their racing careers. We want racers to develop the correct skills of racing in a safe environment.

- Roll cage must be mounted to chassis in minimum of four places, two spots behind the driver and two spots ahead of the driver's seat, cage cannot be mounted to the nerf bars, must be on main frame rails or nerf bar mounts only.
  - Must be of min .065 wall DOM or chromoly tubing only
  - Must have three holes drilled in it of .125 diameter for wall thickness inspection
  - May be spring loaded at mounts ( 4)
  - May Not be welded to chassis ( No Champ karts )
  - Door bars may be used but not required
  - Roll cage must meet THS requirements for safety , THS reserves the right to inspect all welds and materials used in construction, should they not meet requirements the kart will not be allowed to participate
- Front and rear bumpers required

TIRES: Rookie class karts may run **Hoosier D30** or **Burriss SS-33A** slick tires on all 4 corners. All tires may be checked with durometer at any time. max outside diameter 35" RR tire, maximum air pressure in right rear tire is 10 PSI. May wash tires with water only, no wet or wrapped tires near hot grid, includes No heat wraps, No other slick tires will be allowed. **No tire Prep!** NO SIPING OR GROOVING OF SLICK TIRES ALLOWED!

### 2022 Engine Rule: **Predator ONLY in 2022!**

Predator 6.5 OHV (Harbor Freight) (\$99 on sale!)

- 92 Octane or less pump gas only

### • Predator Engine Rules (Predator 6.5 hp (from Harbor Freight) part # 60363 or 69730)



1. The engine must be ran out of the box! (**Predator racers must install a .375 NO GO unaltered Red ARC or Speed Karts Restrictor Plate with 1 gasket on both sides of plate!**)
  - The governor must be connected and operational, including the governor set screw/ **NO MAXIMUM RPM CHECK in 2022.** Governor must still fully surge when checked.
  - The engine must have a key way as installed by factory on the flywheel
  - You may drill small hole in gas cap and disconnect vent tube on tank
  - You may disconnect throttle stop screw

- **You must run the factory gas tank**
- You can only bolt on a clutch and chain guard (Mandatory), no other aftermarket parts allowed
- You can disconnect wire used for oil sensor and tape it. No other tape on engine.
- Stock air filter, stock muffler, and factory supplied spark plug must be used and unaltered. Stock main and low speed jets only. NO GO .031 main and .018 low speed jet.
- Any engine can be claimed by a fellow racer in the field after race, before the last kart scales
- 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. Thunder Hill Speedway or any other competitor may claim this engine for \$130.00 as raced minus throttle linkage, chain guard, and clutch.
- Thunder Hill speedway may at any time exchange engines with a new engine, if the engine is found to be legal it will be returned to competitor the following event and the new engine returned to Thunder Hill Speedway. If found illegal competitor will be suspended for track for one month.

**Any competitor that tampers with the Predator engine can be fined and barred from participating in this class.**

(This out of the box engine is a great, affordable option for racers entering our sport and is having great success around the country!)

- **Must use 12T Max Torque drum clutch only!**
- **70 tooth rear sprocket**
- Recoil starter must remain on engine
- Chain guards must have plate between driver's seat and engine (safety issues) And must be properly secured.
- Seat maybe fiberglass or aluminum must be mounted in safe manner to chassis
- ALL seats must be mounted so the rear of the seat is vertical ( minimum of 16½) from back of seat to top of rear axle
- Seat belts are Mandatory in this class and must meet safety regulations ( 2" min width) if used and must meet date code requirements for age and safety
- **All full face helmets must be Snell 2015 or newer!**
- Must use all safety equipment: Full face Helmet, Neck roll or restraint, racing suit, gloves, shoes with no loose laces (racing shoes or wrestling type shoes work best)
- Quick release steering wheel is suggested but not required
- This is to be a learning class!

(Rookie cage must highlight tire stamps on tires and the # on the rear sprocket with white paint or white paint pen for easy visibility to officials)