



2025 Rookie Cage Rules:

- Ages 5-7

No Weight rule

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

No transponder required!

This class is a great introduction to race night action without the pressure of full on competition! No race line-ups or draw. Karts will be brought on the track and given the green flag/light to go when ready. They will be given track time at speed, equivalent to hot laps, a complete heat/heats and feature event, plus all competitors will get their picture taken in Victory Lane and receive a trophy/award! Kids will get the experience and track time they need to start their careers in a safe, positive environment!

KARTS MUST STILL MEET ALL RULES LISTED TO MAINTAIN SAFE SPEEDS FOR THE

RACERS. (If your kart is teched and found illegal you will be removed from this class.)

***(If this is not the format you want, you have the choice to race the R-box Wing class as it is for 5-8 year old drivers)**

Raceiver recommended for safety communication reasons.

Roll cage must be mounted to the chassis in a 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 any slick or treaded tires on all 4 corners. Max outside diameter 35 RR tire, maximum air pressure in RR tire is 10 PSI. May wash tires with water only, no wet or wrapped tires near hot grid, includes No heat wraps, **No tire Prep!** NO SIPING OR GROOVING OF SLICK TIRES ALLOWED!

2025 Engine Rule Options:

Predator

or

Briggs LO206 sealed engines 6100 Rev limiter / Red .440 slide PN 5556733 / 5507 Pipe only / Spec air filter / spec spark plug (AR3910X plug only)

Predator 6.5 OHV (Harbor Freight)
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. 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 may run the factory gas tank or or replacement tank safely mounted to the floor pan in a safe manner

You can only bolt on a clutch and chain guard (Mandatory), no other aftermarket parts allowed

You can disconnect the wire used for the 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.

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 \$175 as raced minus throttle linkage, chain guard, and clutch.

If found illegal competitor will be suspended from the 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!)

- Open Clutch/Must use 12T driver only/Any disc or drum clutch may be used/No wet clutches allowed
70 tooth rear sprocket only, 35 pitch chain only

Predator engine and LO206 engine MUST both run the spec gearing at all times!

-Recoil starter must remain on engine

-Chain guards must have plate between the 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 # on the rear sprocket with white paint or white paint pen for easy visibility to officials)

(*Thunder Hill Speedway reserves the right to modify these rules as needed!)