

2025 SuperStock Engine Rules (note changes from 2024 highlighted in yellow)

1. Motor:
 - 1.1. Predator 212cc Hemi or Non-Hemi (no Tillotson blocks)
 - 1.2. Stock stroke & stock crank
 - 1.3. Stock cylinder bore with stock piston (no aftermarket pistons)
 - 1.4. Stock head and stock valves
 - 1.4.1. Minor port cleaning & polishing of the intake & exhaust ports
 - 1.4.2. Head shaved up to .035" with no more than a 3 angle valve seat cutting
 - 1.5. Carburetor 0.615 bore
 - 1.6. Carb jet maximum 0.039"
 - 1.7. Allowed to use billet rod 3.308" stock length
 - 1.8. Must use billet flywheel with stock keyway
 - 1.8.1. Hemi flywheel ARC-6696 or equivalent
 - 1.8.2. Non-Hemi flywheel ARC-6695 or equivalent
 - 1.9. Stock type cam (compression release must be functional)
 - 1.9.1. Lift cannot exceed: 0.254" intake; 0.254" exhaust
 - 1.9.2. Valve Springs cannot exceed 26 lbs single spring (no double springs)
 - 1.10. Electric start or pull start
 - 1.11. RLV muffler 410X (no alterations)
2. Fuel
 - 2.1. Up to 110 octane if pure gasoline, or up to 93 octane if pump (can contain up to 10% ether or ethanol).
No mixing of race gas and pump gas, one or the other only
 - 2.2. No fuel additives; no methanol.
 - 2.3. Pulse Type Fuel pumps are allowed.
 - 2.4. Stock tank or remote tank allowed.
3. Safety:
 - 3.1. All bolts to be drilled and cotter-pinned / wired or the nut must have a lock washer, nylock or double nut or LocTite.
 - 3.2. All karts required to have a rear bumper to the width (outside edge) of rear tires.
 - 3.3. Mufflers required. RLV 410X (no alterations)
4. Protest Rules
 - 4.1. Must be in top-three finishers to qualify for teardown. \$150 fee
 - 4.2. Protests must be done before the protested kart leaves the scales.
 - 4.2.1. Illegal Karts - protestor & track (points fund) will split the fee 50/50.
 - 4.2.2. Legal Karts - protested kart & track (points fund) will split the fee 50/50.
 - 4.2.3. There will be random techs.
 - 4.3. Teardown Rules
 - 4.3.1. If the kart is DQ'd for not making weight, the kart will receive last place points for that race

- 4.3.2. If the engine does not pass tech the first time, you will lose points for the night.
- 4.3.3. If the engine does not pass tech the second time, you will lose points for the night & one race suspension.
- 4.3.4. If the engine does not pass tech the third time, you will be suspended for the remainder of the racing season.

5. See other rules for event procedures, kart safety, scoring, and championships