

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. Minimum Weight (kart + driver)

- 5.1. Super Stock Light Min Weight 320 lbs
- 5.2. Super Stock Heavy Min Weight 365 lbs

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