

### **KIDS CLASS 900 # Gas Only**

1. 12 HP stock & under, Flathead only
2. On governor Limit 4250 RPM.
3. Tire size: 23x10.50x12.
4. Two (2) adults present on track with tractor.
5. Must have all safety devices.
6. Kids 12 & under.
7. Follows Economy Stock engine rules.
8. Tractor must be on Factory Mechanical Governor.
9. No V-Cut or Chevron Style Tires.

### **8 HP ALTERED 850# Gas or Alcohol**

1. Factory production engine with factory rating of 8 hp.
2. Stock block No copies.
3. Flathead or OHV.
4. Aftermarket parts permitted.
5. Milling, Porting, Polishing, Drilling, and Tapping Allowed.
6. Max .030 overbore.
7. Stock stroke, Stock valve size.
8. Flathead engine can run billet head, OHV engine runs stock head.
9. No lift restriction on valve lift.
10. Springs, Lifters, Valves must be in stock location.
11. Carb Max 1.200, butterfly style Carb.
12. Billet Steel or Aluminum flywheels are mandatory. Must have shielding: 1/8<sup>th</sup> inch steel or 3/16<sup>th</sup> inch aluminum. Clutch and flywheel must be covered 360 degrees.
13. Open ignition setup.

### **ECONOMY STOCK 12Hp & Under Stock 23x10.50x12tires 1000# (Gas Only).**

1. Base on factory dimension of stock engine rated at 12 Hp or under.
2. Flathead single cylinder only.
3. Block will be factory production block with stock head bolt pattern.
4. Milling, Decking, Porting, Polishing is permitted, NO WELDING on head will be ALLOWED, (No billet or recast head allowed).
5. You may use a head gasket of any material of your choosing.
6. Stock or stock replacement piston.
7. OEM factory crankshaft with stock stroke.
8. Stock length connecting rod, inserted bearing is permitted. No piston pop out. Will be measured with a straight edge. Billet rod permitted.

9. CAM rule: .328 max valve lift cast cam , No billet cams or adjustable gears (Valve will be checked with dial indicator- NO TOLERANCE).
10. Stock appearing lifters and springs. Must be single coil springs.
11. Stock size and length on valves.
12. Max .030 overbore.
13. Carb can be no bigger than 0.812 Venturi, No tooling or machine marks, No modifications allowed (Only choke butterfly may be removed). No Velocity Stacks.
14. Carburetor must be OEM style with no spacers allowed.
15. Ignition Chevy points are allowed, or factory Magnetron setup. (No aftermarket or crank trigger ignition)
16. No steel flywheels, fins may be removed from stock flywheel. – Must retain factory flywheel.
17. There is to be No excessive weight on the front of crankshaft, only billet alum pulley or stamped steel pulley are allowed.
18. Any tractor running a starter pulley must have crank drilled and tapped with a bolt to prevent pulley from coming off.
19. Tractor must be on Factory mechanical Governor RPM limit of 4250.
20. TIRE SIZE: 23x10.50x12.
21. No V-Cut or Chevron Type Tires
22. Factory throttle is permitted.

## **12 HP FLATHEAD STOCK 1000# Gas Only**

1. Base on factory dimension of stock engine rated at 12 Hp or under.
2. Flathead only.
3. Block will be factory production block with stock head bolt pattern.
4. Milling, Decking, Porting, Polishing is permitted, NO WELDING on head will be ALLOWED, (No billet or recast head allowed).
5. You may use a head gasket of any material of your choosing.
6. Stock or stock replacement piston.
7. OEM factory crankshaft with stock stroke.
8. Stock length connecting rod, inserted bearing is permitted. No piston pop out. Will be measured with straight edge. Billet Rod permitted.
9. CAM rule : .328 max Valve lift cast cam , No billet cams or adjustable gears (Valve lift will be checked with dial indicator- NO TOLERANCE).
10. Stock appearing lifters and springs. Must be single coil springs.
11. Stock size and length on valves.
12. Max .030 overbore.
13. Carb can be no bigger than 0.812 Venturi, No tooling or Machine marks, No modifications allowed (Only choke butterfly may be removed). NO Velocity Stacks.

14. Carburetor must be OEM style with no spacers allowed.
15. Billet steel or aluminum flywheels are mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum.
16. Open Ignition, crank trigger allowed
17. There is to be No excessive weight on the front of crankshaft, only billet alum pulley or stamped steel pulley are allowed.
18. Any tractor running a starter pulley must have crank drilled and tapped with a bolt to prevent pulley from coming off.

### **23Hp 700cc OHV or 1020cc Flathead STOCK 1000# Gas Only**

1. No professional tires (cepek, pitbull, lawn tech, vogel, nichols, big bar cepek etc.) Bar style tire cutting is allowed.
2. Overhead valve allowed.
3. No boring, porting, polishing, decking or milling is allowed.
4. Wheels and tires must be 26x12x12 and under, tractor tread or turf tires only.
5. Two barrel carbs allowed only if it is factory installed on the motor. No carb adapters or spacers.
6. Stock means OEM unmodified parts, No aftermarket parts allowed except header, flywheel, and crank trigger.
7. Billet steel or aluminum flywheels are mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum
8. No excessive spinning weight on crankshaft.
9. Flathead Max 62 cubic inch.
10. Open ignition, crank trigger allowed.

### **LITE ALTERED 950# Gas or Alcohol**

This class is based on Outlaw style rules, where there are different rules for different styles of engines that fall in 3 categories:

Billet steel or aluminum flywheels are mandatory. Must have shielding: 1/8<sup>th</sup> inch steel or 3/16<sup>th</sup> inch aluminum. Clutch and flywheel must be covered 360 degrees.

#### \*OHV Twin .

45.5 cubic inch Max.

Any bore or stroke combo.

No roller lifters. Flat tappet only

Stock heads, no recast.

Milling, Porting, Polishing, Tapping, and Welding is Legal.

Must run stock length and stock size valves & stock Kohler rocker arms. No roller rocker arms.

Fabricated Intake or After Market Intake or Factory 2 Barrel is Legal.

Max 1.200 Carb (Gas or Alcohol).

\*Flat Head Twin.

62 cubic inch Max.

Any bore or stroke combo.

Any valve size permitted.

Billet heads are Legal.

Milling, Porting, Polishing, Tapping and Welding is Legal.

Fabricated Intake is Permitted.

Max 1.200 Carb (Gas or Alcohol).

\*Flat Head Single.

48 cubic inch Max.

Recast or copy blocks permitted. Must be 16HP stock altered only.

Any Valve size, bore, or stroke.

Billet Heads permitted.

Milling, Porting, Polishing, Drilling, Tapping, and Welding is Legal.

Max 1.200 Carb (Gas or Alcohol).

**\*UPDATE ON RULES\*.**1. Flathead engines under 40 cubic inches may run an Open Carb at 950lbs.

2. Stock 25hp/740cc tractors may enter the class at 975lbs. Under stock 740cc engine rules.

3. Top 3 tractors will be randomly weighed and hitch checked to promote fairness.

### **12/14 HP ALTERED 1000#** Gas or Alcohol

1. Base on engine rating at factory 12 HP or 14 HP Single Cylinder only.

2. Aftermarket parts are permitted.

3. Stock block No copies or recast, Flathead or OHV.

4. Max .030 overbore, Example: 3.405 for 12 HP and 3.530 for 14 HP.

5. Stock stroke.

6. Flathead engine can use billet head, OHV engine must use stock head.

7. Stock Valve size.

8. No Cam lift or valve lift restriction.

9. Springs, lifters, valves must be in stock location.

10. Carb Max 1.200 butterfly style.

11. Billet steel or aluminum flywheels are mandatory. Must have shielding: 1/8<sup>th</sup> inch steel or 3/16<sup>th</sup> inch aluminum. Clutch and flywheel must be covered 360 degrees.

12. Open ignition setup.

13. 420 CC Class (14 OHV) can run in this class with the 14 OHV Rules

### **50.5 CU IN 1050#** Gas or Alcohol Class is based on only limits being Cubic Inches.

1. Aftermarket parts permitted.
2. Milling, Decking, Porting, Polishing, Drilling, Tapping, and Welding Allowed.
3. Max 50.5 cubic inch.
4. Any bore or stroke combination allowed.
5. Any cam style, No lift restriction.
6. No valve restriction.
7. Any type of valve train is permitted: Rocker arms, springs, pushrods, recast heads are permitted.
8. Open ignition setup.
9. Aftermarket intake permitted.
10. Billet steel or aluminum flywheels are mandatory. Must have shielding: 1/8<sup>th</sup> inch steel or 3/16<sup>th</sup> inch aluminum. Clutch and flywheel must be covered 360 degrees.
11. Weight box may be extended 8ft. from center of the rear axle NOT wheelbase.

### **14 HP FLATHEAD STOCK 1000# Gas Only**

1. Base on factory dimension of stock engine rated at 14 Hp or under.
2. Flathead only.
3. Block will be factory production block with stock head bolt pattern.
4. Milling, Decking, Porting, Polishing is permitted, NO WELDING on head will be ALLOWED, (No billet or recast head allowed).
5. You may use a head gasket of any material of your choosing.
6. Stock or stock replacement piston.
7. OEM factory crankshaft with stock stroke.
8. Stock length connecting rod, inserted bearing is permitted. No piston pop out. Will be checked with a straight edge. Billet rod is permitted.
9. CAM rule : .328 max valve lift cast cam , No billet cams or adjustable gears (Valve lift will be checked with dial indicator- NO TOLERANCE).
10. Stock appearing lifters and springs. Must be single coil springs.
11. Stock size and length on valves.
12. Max .030 overbore .
13. Carb can be no bigger than 1 inch Venturi, No tooling or Machine marks, No modifications allowed (Only choke butterfly may be removed). NO Velocity Stacks.
14. Carburetor must be OEM style with no spacers allowed.
15. Billet steel or aluminum flywheels mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> aluminum.
16. Open ignition, crank trigger allowed.
17. There is to be No excessive weight on the front of crankshaft, only billet aluminum pulley or stamped steel pulley are allowed.
18. Any tractor running a starter pulley must have crank drilled and tapped with

a bolt to prevent pulley from coming off.

**740 CC STOCK MODIFIED ( 25 HP Class )** 1000# Gas Only Class is based on engine using OEM parts, Garden tractor factory production engine based on engine previously rated at 25 HP.

1. 740 CC MAX.
2. OEM style piston (Only can be bored if its smaller than 740CC).
3. Factory crank stock stroke.
4. Stock length rods cast with no billet
5. Stock heads, No recast.
6. Stock size and length valves.
7. Stock rocker arms.
8. Stock spring, lifters, and push rods.
9. Milling, Decking, Porting and Polishing is permitted, No Welding Allowed, No factory closed chamber heads AKA - 30 HP heads.
10. Factory intake may be ported and polished, No adapters allowed.
11. Factory Carb - choke may be removed, you may add adjustable jet in the location of the stock solenoid position but no other modifications are permitted. NO Velocity Stacks.
12. Open ignition, crank trigger allowed.
13. Billet steel or aluminum flywheel mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum.
14. No excessive spinning weight on front of crankshaft only billet alum or stamp steel pulleys are permitted.
15. If running starter pulley crank must be drilled and tapped for bolt at end to prevent pulley from coming off.
16. No 2 barrels allowed.
17. CAM rule: Must be 25 Hp or under No Regrind or Recast Cams. No valve lift greater than .353 .
18. 23HP stock class tractors may run in this class with the 23HP stock class rules.

**Motorcycle** ...(Carb Only)... 1200# Gas or Alcohol

**\*\* New Protest Price for this class of \$200**

1. 26x12x12 Tire.
2. 4 cyl. 1500cc Limit.
3. Mandatory chain guard must be secured to tractor for safety.
4. No turbo's, blowers, superchargers or fuel injection.
5. Must have bump box/chain guard 3" to 5" behind tires.
6. Air or water cooled.

7. Hood and grill optional.
8. 7 ft from centerline of rear axle to furthest point forward.
9. Engine and Transmission must be integrated in same case, additional transmission is allowed. (Motorcycle engines ONLY).

**OUTLAW**...Open 4 cyl... 1350# - Weight Subject to Change.

1. Unlimited CC.
2. Fuel Injection is Allowed.
3. Max 4 Cylinders (Any Combination).
4. 8 feet from centerline of rear axle to furthest point forward.
5. Must have bump box/ chain guard on rear of tractor.
6. Only one(1) power adder allowed, only one Turbo, one Supercharger, or NOS.
7. Max 34 tire.
8. Must have a Safety Blanquet completely covering Transmission, or a blow proof bell housing, or 3/16 steel shielding.
9. If running a Turbo, it needs to be shielded, and have cross bolts after Turbo.
10. Superchargers must be strapped to engine.
11. NOS Bottle must be strapped to frame.
12. Must sign Waiver.

**8Hp Stock...850lbs.... Gas Only**

1. Max 23" Tire- Top Cut Tire Only
2. 13" Hitch
3. Can run either a OHV or Flathead

OHV Rules

1. Stock Valve Size
2. Stock stroke, bore can be .030 over
3. Aftermarket rod allowed
4. Max 50lb. Valve Spring allowed
5. Max .303 valve lift
6. Billet steel or aluminum flywheels mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum.
7. Stock for that engine up to a 13Hp carb allowed with factory plastic spacer
8. There is to be No excessive weight on the front of crankshaft, only billet alum pulley or stamped steel pulley are allowed.
9. Open ignition allowed
10. Stock appearing pistons

11. No Roller Rockers Allowed
12. Stock Head, No after market

#### FLATHEAD Rules

1. Stock head
2. Stock valve size
3. Stock stroke, bore can be .030 over
4. Max .330 valve lift.
5. Aftermarket Stock appearing valve springs allowed. Must be single coil springs
6. Aftermarket rod allowed
7. Billet steel or aluminum flywheel mandatory. Must have shielding: 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum.
8. Carb can be no bigger than .812 Venturi, No tooling or Machine marks. No modifications allowed (only choke butterfly may be removed). No velocity stacks
9. 3 inch carb standoff allowed
10. Open ignition allowed
11. Port & Polishing Allowed
12. There is to be No excessive weight on the front of crankshaft, only billet alum pulley or stamped steel pulley are allowed.
13. Stock appearing pistons

#### **420cc OHV, single cylinder (14HP OHV)**

1. Base on factory dimension of stock engine rated at 14 HP or under.
2. OHV single cylinder only (OHV engines are limited to 420CC).
3. Block will be factory production block with stock head bolt pattern.
4. Milling, Decking, Porting, Polishing is permitted, NO WELDING on head will be ALLOWED, (No billet or recast head allowed).
5. You may use a head gasket of any material of your choosing.
6. Stock or stock replacement piston, MAX 90mm bore.
7. OEM factory crankshaft with stock stroke, MAX 66mm.
8. Stock length connecting rod, inserted bearing is permitted. No piston pop out. Will be checked with straight edge
9. CAM rule: .328 max Valve lift cast cam, No billet cams or adjustable gears (Valve lift will be checked with dial indicator- NO TOLERANCE).
10. Stock appearing lifters and springs.
11. Stock size and length on valves.
12. Stock Ratio arm, Stock length valves, Single Springs, 1.1 Rocker Ratio- No welding



13. Carb can be no bigger than 1 inch Venturi
14. Carb spacer allowed up to 2 inches.
15. Open ignition system allowed.
16. Billet Steel or Aluminum flywheel mandatory. Must have shielding 1/16<sup>th</sup> inch steel or 3/32<sup>nd</sup> inch aluminum.
17. There is to be No excessive weight on the front of crankshaft, only billet aluminum pulley or stamped steel pulley are allowed.
18. Any tractor running a starter pulley must have crank drilled and tapped with a bolt to prevent pulley from coming off.

The 2025 C.G.T.P.A. Inc. rules are designed to provide for the orderly conduct of the motor sport events held by the organization and to reduce the risk of injury to participants and spectators. It is ultimately the obligation of each participant to ensure that his/her conduct and equipment comply with the rules and regulations of the C.G.T.P.A. Inc., as they may be amended from time to time. No express or implied warranty of safety shall result from the publication or compliance with these rules. These are intended as a guide for the conduct of the sport and are no way a guarantee against injury or death to pullers, spectators, or others.

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