

SUPER STOCK

2010

1-01-2010 # 1

Info. 843-761-1428— www.florencemotorspeedway.com – cpsupertrk@aol.com

Race procedure for weekly races; 7 Lap heat races – 30 lap feature races - Starts and restarts double file – The drivers that finish 1st and 2nd each week will start in the last 2 positions the next feature event they enter. Weight or a restrictor plate may be placed on any car that is not competitive with other cars in it's class .

Get a copy of the General Rules as they apply to the Super Stock Class

FMS officials may check any part of any car, at any time, without paying a protest fee. A driver may protest **any car** that finishes the race in front of their car on the lead lap. The car/driver protested may back protest the car/driver that protested his/her car. Protest fee for checking top of engine will be **\$250**. There is a **\$50** track fee Protest bottom & top of engine fee is **\$600** There is a **\$100** track fee. Protest time: **5** minutes following the end of the race. **See crate engine protest rule in Late Model rules**

CAR; Any 1968 through 2009 models.

Weight; FMS engine in a Stock body car - Minimum total weight **3200 lbs.** with driver, before & after the race. Minimum .Right side weight, before & after the race, with driver 47%. You may gas up after the race.

The 602 & 603 GM Crate engine Is Permitted as supplied from GM. The 602 engine car total minimum weight **3200 lbs.** and 47% right side with the driver before or after the race.

The 603 GM Crate engine must weigh **3250 lbs.** and 47% right side with driver before and after the race.

****After market body cars , Five Star, ARP etc. or modified body cars - Minimum total weight 3300 lbs. and minimum right side weight with driver before and after the race 48 %.**

FMS ENGINE;

Must be OEM stock, in stock location , left to right , front to rear

Hydraulic or solid lifter cam; max lift at valve (May be checked with a solid lifter) **.480 intake and exhaust**

Enlarged oil pans permitted.

OEM or after market fuel pumps

Steel or aluminum water pump

Any water pump, crankshaft, and pulley combination may be used

OEM stock or after market replacement parts Including ,pistons, Crankshaft min. 52 lbs. OEM Stock or after market maximum 5.7 ” length rods. After market std. wt. two eyebrow pistons maximum over bore .060

Cylinder Heads must be stock for make of engine, minimum Chev.70 cc. Ford 68 cc No modifications allowed No grinding, polishing, port matching, or glass beading. No cutting head for larger valve springs. Stock OEM diameter valve springs. After market valve spring retainers permitted. Polly locks permitted. OEM stock or roller rocker arms Studs in head may be pinned, screw in OEM stubs and guide plates permitted..Maximum O.E.M.valve size 1.940 intake / 1.500 exhaust. After market Hi. Performance valves permitted.

INTAKE ALL ENGINES

OEM cast iron intake or a 2101 Performer. No grinding, polishing, port matching or glass beading.

CARBURETOR FMS ENGINE

OEM stock two barrel Rochester carburetor with a 1-11/16” throttle bore with no modifications, standard boosters required. A Maximum 1” thick aluminum spacer with 1 or 2 holes centered in spacer, straight cut. Two gaskets maximum .065 thick, Or a FMS approved Holly 7448 – 350 CFM carburetor on a FMS engine.

GM 602 & 603 Crate engine may use a HOLLEY 7448 350 or a 4412 - 500 CFM

EXHAUST

Standard Headers permitted. No step type headers, No 180 or cross over headers. Cast iron exhaust manifolds permitted. Header pipes must be the same size from the header flange to the collector and run past driver

AIR CLEANER AND AIR FILTER

Only approved round air cleaner. A paper or K & N filter minimum 1 ½ “ maximum 4 inches high, must be used in the air cleaner at all times. All air shall be filtered through element. Top of air cleaner must be solid, no holes. No cold air boxes or cowl induction .No ducts or baffles on or leading to air cleaner. Air cleaner base may not be above choke horn.

IGNITION

Electronic distributor permitted (OEM factory only)

A racing coil permitted such as Accell, MSD, etc

FLY WHEEL ASSEMBLY

OEM Stock Type steel fly wheel & clutch assembly. No grinding or lightning or machining allowed. Min. wt. 33lbs. A steel scatter shield or steel bell housing required

TRANSMISSIONS

Automatic or standard transmissions OEM stock only

REAR ENDS

May be interchanged between manufacturer: i.e. Ford in Chevrolet, Chevrolet in Ford. **May be locked**

No ratchets. Rear end hook up must be O E M type

SPRINGS

All cars must compete with type of springs from OEM. If coil ,must be coil. If leaf, it must be leaf.

Adjustable rear spring hangers and screw jacks allowed. front and rear After market racing springs allowed No coil over springs.

SHOCKS

OEM stock or **after market** tie rod end or spherical end steel shocks permitted.

FRAME RAILS

Round tubing frame connectors permitted..A 2" x 3" or a 4" x 4" weight box may be attached to the rocker panel or to the roll cage but cannot be attached to the front snout or the rear frame section with square or rectangular tubing.

A FRAMES

OEM Stock bottom "same length left and right A" frames for make of car. Fabricated upper A frames permitted

SPINDLES & STEERING COMPONENTS – OEM Stock replacement tie rods drag link and idler arm assembly will be permitted

Stock OEM. Spindle arm must be the same length on left and right side of car.

SWAY BAR

OEM type or after market . Adjustable links allowed

WHEELS

8" or 10" maximum width 10"

TIRES

B F GOODRICH USED RADIALS Purchased from FMS by You for Your car with F.M.S. I D. on all 4 tires each race

FUEL

Pump gas or Speedway gas only. You may gas up after your race. **No** mixtures of any kind.

FUEL CELL

Fuel cell recommended.

All fuel tanks must be vented high and to the left side of car

STARTER

OEM or after market starter permitted

Only one 12v battery permitted.

RADIATOR

Any radiator allowed copper or aluminum. **No anti freeze**

All cars should have a rubber overflow hose to the right rear corner of race car, angled toward ground

BRAKES

OEM brakes. **After market** dual master cylinders allowed. No remote brake adjusters allowed in drivers compartment. After market clutch and brake pedals allowed.

BODIES - STOCK OR APPROVED MODIFIED BODY – See weight requirement .

Hood and roof may be metal or fiberglass. Doors may be hulled. Dash may be removed. Front fender inner panels may be removed.. Windshield glass, lexan or ¼" metal hardware cloth.

Doors must be welded or bolted shut. Must have grill. All body holes must be closed in, front and rear, with solid metal and painted color of car. Rear view mirror permitted (inside car only)

Minimum ground clearance 5". frame and body

SPOILERS

Lexan or aluminum spoilers. maximum 5" high. and 60" wide -must be self supporting

BUMPERS

After market bumper covers permitted Bracing is allowed behind bumper only. Nothing above bumper, or outside of grill..Must have hook on front and rear of car to allow wrecker to lift car

ROLL BARS

Full roll cage required. 4 bars in left door and 3 in right door. minimum 1 5/8" roll bar tubing required in drivers area
Bars may go through front and rear firewall
All roll bars in driver area must have roll bar padding installed

WHEEL BASE

Minimum 104"

TREAD WIDTH

Maximum tread width front and rear 66"

SAFETY EQUIPMENT

All cars must have seat belts

All cars must have shoulder harness

All cars must have Safety belts fastened to seat frame

All drivers Must wear a racing helmet anytime you are on the race track.

It is recommended that all drivers wear a fire retardant driving uniform or long sleeved shirt and long pants when driving a race car

Window net is required

Weight may be added or a restrictor plate may be required on any car that is not competitive with the other cars in it's class.

CAR NUMBER

Speedway will assign Numbers. Call 1-843-761-1428 to request a car number

Any rules you do not understand call Charlie Powell at 843-761-1428

We can now put a picture of you and your race car on a "T" shirt. or race car lettering call Kathy or A J at 803-481-0996 or www.turn2designsc.com

To register your car number call 843-761-1428 or email cpsupertrk@aol.com