

2024

MICRO MADNESS TOUR

600 RESTRICTED RULES

IF IT DOESN'T SAY YOU CAN DO IT, THEN YOU CAN'T!

SAFETY EQUIPMENT:

FIRE SUITS: A flame/fire resistant suit designed for auto racing with SFI rating of 3.2A/5 or better will be REQUIRED at all times of car operation. A 1 or 2 piece flame/fire resistant suit will be accepted.

HIGHLY RECOMMENDED: Fire resistant gloves, shoes, socks, head sock and underwear. It is recommended that the driver's suit be the best quality fire protection available. HELMETS, HEAD, NECK & ARM RESTRAINTS: Rules apply at all times of car operation.

Snell-rated SA2010 or better helmet required. (M rated helmets are not permitted)

HIGHLY RECOMMENDED: SFI approved helmet skirt, neck and head restraint system. Arm restraints are mandatory. Arm restraints must be properly worn.

SEAT BELTS: Minimum 3 inch wide, SFI-approved five point safety belt system. Center crotch belt must be used and must be mounted to the roll cage seat mount. All belts must be mounted securely to main roll cage. Must be complete matching set from manufacturer. Safety belts must be replaced every 2 years and all belts be dated by the manufacturer.

MANDATORY: Full containment seats.

CAR CONSTRUCTION & ENGINE RULES

BRAKES All cars are required to have working brake(s) on the drive axle. No motorcycle stock brake systems. Brakes must be disk type and must lock up both rear wheels completely upon application. (All Classes) FUEL LINES Ignition Kill switch and fuel shut-off valve shall be mounted within easy reach of driver. Both shut off/kill switches are REQUIRED to be clearly labeled "OFF" & "ON" position. (example: Red vinyl arrow with OFF/ON, Red or White PEN arrow with OFF/ON) Fuel lines must be neat and tight to frame. Fuel lines must be kept away from moving parts and must not be made of metal. All lines must be leak free. Fuel Bladder required for all classes

BATTERY All batteries must be securely attached to frame. They must be covered with suitable material to contain acid in the event of spillage.

Age Limits: Min Age: 10 years old, with prior extensive racing experience or at promoter's discretion

1. Roll cages shall be at least 1 1/8 inch .065 wall thickness, or 1 1/4 inch .065 wall thickness. Roll cage shall be made of chromoly steel. All cars built after 2003 must be at least 1 1/8 inch .083 or 1 1/4 inch .065. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an accident. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 in. above the drivers' helmet. It is

mandatory to install a cross brace behind the seat to support the shoulder harness. Sissy bar mandatory on right side.

2. No cockpit adjustments, except wing adjuster.

#### Engine Terms and Conditions

1. Restrictor Plates:  $\frac{3}{4}$ " restrictor plates must be positioned flat in each intake tract such that ALL air entering the engine MUST flow through the  $\frac{3}{4}$ " hole in the restrictor plate. No add-on inserts or devices designed to improve air flow thru the restrictor plate. Plates must be positioned between intake manifold and cylinder head. GO/NO GO gauge will be used to determine legality of restrictor plate. Not just visual inspection.

2. Internal Stock parts • Must use original manufacturer parts for the particular year and make engine except where noted. No mixing of parts from different year and make engines, even if made by the same manufacturer. Non stock external bolt on parts may be used (example: billet oil pan, oil pickup, starter, water pump cover, oil cooler, pipes, etc.)

3. Overall Engine • Must be a Production Motorcycle Engine, 4 cylinder, 4 stroke • Current year engines allowed • No Titanium anywhere in or on the engine, unless it comes stock from manufacturer of engine on the production bike • Must have engine, clutch, and transmission all in one unit • Must be Chain Driven

4. Bore and stroke – Stock, 600cc Maximum 5. Head and Cams – Stock. Must use 3-layer head gasket.

6. Pistons - Must be stock, unmodified parts for the particular model engine.

7. Bottom End – Stock • No machining to remove weight or balance the crank. No aftermarket or lightweight cranks. • Stock connecting rods must be used, (no aftermarket rods), may use aftermarket rod bolts.

8. Clutch/Transmission • Transmission gears must be stock • No Close-ratio gears or nonstandard gear ratios. • All gears must remain in transmission

9. Rev Limit - Stock

10. No Aftermarket coils

11. Engines using fuel injection may use after-market add ons (example: Power Commander, Dim Sport) to adjust fuel curve and/or timing, (essentially the same as adjusting the jetting and using ignition advancer).

12. Ignition Advancer may be used.

13. Induction System – No mechanically forced induction (turbo, supercharging)

14. Any carburetors or fuel injection may be used on any engine, regardless of stock year of engine.

15. Fuel injection and carburetors may be converted for use with alcohol.

16. Exhaust: Any exhaust may be used; muffler must meet track noise levels.

17. Charging system: Stock factory charging system may not be altered or removed. Must remain in complete working order. No factory racing charging systems.

18. All cars must be self starting. If a push is required, you will be put to the back.

19. Fuel: Alcohol/Methanol ONLY. No exotic fuel additives, non-flammable top lube only, no fuel enhancer top lube.

Minimum Weight Minimum weight at all times is 750lbs. • If weight is added it must be firmly bolted in place and painted white with car number.

Wings & Panels – Must run with wing – NO EXCEPTIONS Wings- Top wing center section not to exceed 14 sq.ft. Right side panel maximum 54"x24-20" (1188 sq in). Left side board maximum 54" x 26" (1404 sq in). Arm guard flare panel (batwings) maximum 4" Tires:

TIRES – Open tire rule within the scope of common sizes and compounds typically used in Micro Sprint racing.