

2017 Sprint Car 360 Rules

ASCS Engine Rules

1. 360 Cubic Inch plus 1 % = 363.6 Maximum
2. One injector per cylinder ~ no down nozzles (see ASCS Rules)
3. Pumping engines to check cubic inch was voted in. Please be under 363.7 CU
4. No aluminum blocks, no titanium in engine, excluding valves and valve retainers (see ASCS Rules)
5. ASCS heads recommended. Any OEM valve angle heads permitted with ASCS Intake gaskets installed.
6. Injectors: 2 3/16 inch maximum inside diameter of injector stack - 2.187 at least 3 inches in length. Note: Larger injectors may be used, but sleeves a minimum of 3 inches in length must be installed in stacks above the Butterflies. No relief hole may be drilled on any injector. No alteration of injector manifold mounting holes will be allowed.
7. No All Pro Heads permitted
8. Enlarging or relocating restrictor gasket bolt holes is not allowed. Gaskets must seal at all sides of ports. Air must flow through the center of the spec gasket at all times and not on any of the sides. If you have ports that won't seal with the gaskets in place you need new heads and won't be permitted to race. No angle milled heads as there are no longer 23 degree valve angle cylinder heads.
9. All heads must remain within 1 degree of the original manufacturing.
10. Methanol or Ethanol only. No nitro or additives of any kind allowed.
11. No blowers or superchargers.
12. Mufflers required.

Chassis:

1. Minimum wheelbase is 84".
2. Suspension type optional.
3. Must have at least one working shock absorber per wheel.
4. Steering type optional.
5. Pitman arm must be outside of cage and subject to Tech and Safety Committee approval.
6. Any type rear end allowed.
7. Any transmission or in-and-out box allowed.
8. Brake rotors steel, aluminum or titanium only.
9. Shocks: No remote or cockpit adjustable shocks; No remote reservoir shocks.
10. Tie rod and steering rod must be steel. Steering rod must be tethered.
11. Torque tube must have loop or be tethered.

12. Bodies are required, style optional. Top wing style optional, with 25 square foot maximum area. 55 Square foot total wing area including side panels. All rear wing mounts must be located outside of roll cage. Hoods are mandatory and must cover radiator and engine compartment.
13. Front & Rear bumpers and side nerf bars are mandatory.
14. Foot operated hydraulic brakes in good working order are required. Rear wheel brakes are mandatory, left front brake mandatory.
15. All cars must be neatly and tastefully painted. One or two digit numbers at least 12" high on both side panels of the fuel cell and both side panels of top wing are required to be visible from the lap shack.
16. Minimum car weight: 1450 lbs. wet with driver and V-8 at the end of any event.
17. Driver adjustable or hydraulic slider wings allowed.

Safety:

1. Approved racing seat, full racing two layer fire suit, with underwear, head sock (nomex head sock not required if helmet is nomex lined), gloves, shoes, and neck brace required; No underwire bras or nylons allowed.
2. SFI approved lap belt, arm restraints, and shoulder harnesses with a quick release are mandatory. Lap belts must be 3" minimum width. Shoulder harness must be 2" minimum width. No heating, bending or welding of safety "D" ring allowed. Crotch belt mandatory. Roll bar padding mandatory, headrest is optional. Mandatory changing seat harness every two (2) years. Draglink tether required.
3. Race approved Head & Neck Restraint system mandatory. Neck doughnuts no longer permitted.
4. Goggles with rubber mounted plastic lenses, plastic face shields, or safety glasses must be worn at all times when driving on the track. TEAR OFFS MANDATORY FOR ALL CLASSES. All goggles and face shields are subject to Tech and Safety Committee inspection and approval.
5. Belly pans or floor boards must extend from frame rail to frame rail and from front firewall to the rear of the foot area. Sub flooring or foot retainers must be attached to the frame rails and must keep feet inside the car. There may be no floor boards or belly pans under the gas tank. Specific construction on the above are subject to Tech and Safety Committee approval.
6. A fuel cell with bladder is mandatory.
7. Gas cap must be threaded or approved racing type. No stock caps allowed. No pressure tanks allowed. Ignition switch must be toggle or push pull type and clearly marked ON/OFF. No key switches are allowed. No unapproved plastic fuel lines; tank must be vented with a check valve. Fuel shut-off valve is mandatory and must be clearly marked ON/OFF.
8. All roll cages and frames are subject to Tech and Safety Committee inspection at any time and will only be accepted when design, materials and quality of construction have met with approved practices. Main cage tubing must be at least .095 Chromoly tubing, .120 preferred.
9. Front and rear bumpers, side nerf bars mandatory. Front bumpers not to exceed 12" from front tires.
10. Helmets must be Snell Foundation 2000 or newer. Recommend replacing helmet every two (2) years.
11. A toe strap on the throttle pedal is mandatory.
12. On board fire systems are acceptable, upon approval and inspection by Tech and Safety Committee.

All deviations of class rules must have prior approval from class Tech and Safety Committee (i.e. 200 lb. weight break for V-6 engines). Failure to comply with these safety rules may result in the car being ineligible to compete in the races. Any questions, interpretations or deviations from these rules must be approved by the Greater Fairbanks Racing Association and your respective class prior to the first race day your car attends.

General Information

1. Rules are to be followed at all times.
2. Any driver change after the first race will require said car to start at the back of the pack for the remaining races for that event.
3. Tech Inspections will take place at the Mitchell Raceway.
 - a. Inspections to cars will be as follows:

Car must have all safety devices in place in order to start any and all events.

- Brakes
- Steering
- Padding
- Drivers Equipment
- Stacks
- Heads
- Shocks
- Roll Bars
- Belts
- Mufflers
- Restrictors

Recommendations:

1. Gas pedal is mounted to the frame and not the floor and must have double return springs.
2. Drag link should be steel instead of aluminum and have a drag link tether.

Technical Committee

Tech committee was voted on and passed:

1. Director: Steve Martin
2. Inspectors: Colby Hill, Tracy Anacker, Joe Beck, Brad Bailey, and alternate Bobby Violet.
3. Two inspectors can make a decision call on any Sprint Car at the Mitchell Raceway.
4. Infractions / Safety violations must be corrected prior to said car/driver returning to competition.